

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513747.1	YP_513747.1	FTL_1047	<i>rpsU2</i>	30S ribosomal protein S21-2
YP_513580.1	YP_513580.1	FTL_0858	-	hypothetical protein
YP_513220.1	YP_513220.1	FTL_0448	-	hypothetical protein
YP_513851.1	YP_513851.1	FTL_1167	<i>iglG</i>	hypothetical protein
YP_512919.1	YP_512919.1	FTL_0121	<i>iglG</i>	hypothetical protein
YP_514254.1	YP_514254.1	FTL_1615	<i>mraY</i>	phospho-N-acetylmuramoyl-pentapeptide-transferase
YP_513010.1	YP_513010.1	FTL_0215	-	dihydropteridine reductase
YP_513017.1	YP_513017.1	FTL_0222	-	hypothetical protein
YP_513601.1	YP_513601.1	FTL_0881	-	hypothetical protein
YP_513628.1	YP_513628.1	FTL_0915	-	acetolactate synthase small subunit
YP_514496.1	YP_514496.1	FTL_1883	-	potassium-transporting ATPase subunit A
YP_513787.1	YP_513787.1	FTL_1093	-	bifunctional methionine sulfoxide reductase B/A protein
YP_514317.1	YP_514317.1	FTL_1685	-	major facilitator transporter
YP_513786.1	YP_513786.1	FTL_1090	-	rRNA methyltransferase
YP_514023.1	YP_514023.1	FTL_1362	-	hypothetical protein
YP_513363.1	YP_513363.1	FTL_0603	<i>wzx</i>	O-antigen flippase
YP_514324.1	YP_514324.1	FTL_1693	-	hypothetical protein
YP_513465.1	YP_513465.1	FTL_0714	-	D-3-phosphoglycerate dehydrogenase
YP_513000.1	YP_513000.1	FTL_0205	-	hypothetical protein
YP_513080.1	YP_513080.1	FTL_0287	-	hypothetical protein
YP_514527.1	YP_514527.1	FTL_1917	-	30S ribosomal protein S6
YP_514530.1	YP_514530.1	FTL_1922	-	YggT family protein
YP_512896.1	YP_512896.1	FTL_0097	-	hypothetical protein
YP_513245.1	YP_513245.1	FTL_0473	-	peptide deformylase
YP_514476.1	YP_514476.1	FTL_1854	-	hypothetical protein
YP_512853.1	YP_512853.1	FTL_0045	-	orotidine 5'-phosphate decarboxylase
YP_513848.1	YP_513848.1	FTL_1164	<i>iglI</i>	hypothetical protein
YP_512916.1	YP_512916.1	FTL_0118	<i>iglI</i>	hypothetical protein
YP_513849.1	YP_513849.1	FTL_1165	<i>dotU</i>	hypothetical protein
YP_512917.1	YP_512917.1	FTL_0119	<i>dotU</i>	hypothetical protein

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id	Protein IDs	Locus	Gene Name	Protein Name
YP_513347.1	YP_513347.1	FTL_0587	-	arsenate reductase
YP_513542.1	YP_513542.1	FTL_0814	-	hypothetical protein
YP_514284.1	YP_514284.1	FTL_1645	<i>ansP</i>	major facilitator transporter, asparagine transporter
YP_512985.1	YP_512985.1	FTL_0190	-	major facilitator transporter
YP_514131.1	YP_514131.1	FTL_1480	-	YjgP/YjgQ family permease
YP_513847.1	YP_513847.1	FTL_1163	<i>iglJ</i>	hypothetical protein
YP_512915.1	YP_512915.1	FTL_0117	<i>iglJ</i>	hypothetical protein
YP_513137.1	YP_513137.1	FTL_0354	-	hypothetical protein
YP_513268.1	YP_513268.1	FTL_0499	-	S-adenosylmethionine decarboxylase
YP_513402.1	YP_513402.1	FTL_0649	-	aspartate/tyrosine/aromatic aminotransferase family protein
YP_513471.1	YP_513471.1	FTL_0720	-	DNA repair protein recO
YP_512943.1	YP_512943.1	FTL_0145	-	ABC transporter membrane protein
YP_513448.1	YP_513448.1	FTL_0697	-	ABC transporter membrane protein
YP_514358.1	YP_514358.1	FTL_1727	<i>ampD</i>	N-acetyl-anhydromuranmyl-L-alanine amidase
YP_513899.1	YP_513899.1	FTL_1216	-	hypothetical protein
YP_514486.1	YP_514486.1	FTL_1869	-	Na ⁺ /H ⁺ antiporter
YP_513856.1	YP_513856.1	FTL_1172	<i>pdpA</i>	PdpA protein
YP_512924.1	YP_512924.1	FTL_0126	<i>pdpA</i>	PdpA protein
YP_513850.1	YP_513850.1	FTL_1166	<i>iglH</i>	hypothetical protein
YP_512918.1	YP_512918.1	FTL_0120	<i>iglH</i>	hypothetical protein
YP_513852.1	YP_513852.1	FTL_1168	<i>iglF</i>	hypothetical protein
YP_512920.1	YP_512920.1	FTL_0122	<i>iglF</i>	hypothetical protein
YP_514064.1	YP_514064.1	FTL_1409	-	glycine cleavage system protein H
YP_514154.1	YP_514154.1	FTL_1504	<i>katG</i>	peroxidase/catalase
YP_513902.1	YP_513902.1	FTL_1219	-	hypothetical protein
YP_513486.1	YP_513486.1	FTL_0737	-	hypothetical protein
YP_514110.1	YP_514110.1	FTL_1459	-	hypothetical protein
YP_514037.1	YP_514037.1	FTL_1376	-	carbohydrate kinase family protein (YjeF-related protein)
YP_514415.1	YP_514415.1	FTL_1790	<i>ampG</i>	major facilitator superfamily transporter

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id	Protein IDs	Locus	Gene Name	Protein Name
YP_513802.1	YP_513802.1	FTL_1115	-	hypothetical protein
YP_513452.1	YP_513452.1	FTL_0701	<i>mreA</i>	FAD binding family protein
YP_513525.1	YP_513525.1	FTL_0790	<i>era</i>	GTP-binding protein Era
YP_514402.1	YP_514402.1	FTL_1775	-	oxygen-independent coproporphyrinogen III oxidase
YP_513855.1	YP_513855.1	FTL_1171	<i>pdpB</i>	PdpB protein
YP_512923.1	YP_512923.1	FTL_0125	<i>pdpB</i>	PdpB protein
YP_513854.1	YP_513854.1	FTL_1170	<i>iglE</i>	hypothetical protein
YP_512922.1	YP_512922.1	FTL_0124	<i>iglE</i>	hypothetical protein
YP_513926.1	YP_513926.1	FTL_1246	-	hypothetical protein
YP_513160.1	YP_513160.1	FTL_0387	<i>aspC1</i>	aspartate aminotransferase
YP_513018.1	YP_513018.1	FTL_0223	-	dihydrofolate reductase type I
YP_513546.1	YP_513546.1	FTL_0821	<i>hemH</i>	ferrochelatase
YP_513748.1	YP_513748.1	FTL_1048	-	hypothetical protein
YP_513887.1	YP_513887.1	FTL_1204	-	cardiolipin synthetase
YP_514137.1	YP_514137.1	FTL_1486	-	tRNA-(ms(2)io(6)a)-hydroxylase
YP_512944.1	YP_512944.1	FTL_0146	-	ABC transporter ATP-binding protein
YP_512846.1	YP_512846.1	FTL_0038	<i>emrA2</i>	HlyD family secretion protein
YP_513002.1	YP_513002.1	FTL_0207	-	pyrrolidone-carboxylate peptidase
YP_514111.1	YP_514111.1	FTL_1460	-	hypothetical protein
YP_514133.1	YP_514133.1	FTL_1482	-	peptidase M16 family protein
YP_512897.1	YP_512897.1	FTL_0098	<i>trpA</i>	tryptophan synthase subunit alpha
YP_514471.1	YP_514471.1	FTL_1849	-	hypothetical protein
YP_513392.1	YP_513392.1	FTL_0639	-	oxidoreductase
YP_513896.1	YP_513896.1	FTL_1213	-	hypothetical protein
YP_513929.1	YP_513929.1	FTL_1249	-	hypothetical protein
YP_513595.1	YP_513595.1	FTL_0875	<i>ispG</i>	4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase
YP_513843.1	YP_513843.1	FTL_1159	<i>igIC</i>	intracellular growth locus, subunit C
YP_512911.1	YP_512911.1	FTL_0113	<i>igIC</i>	intracellular growth locus, subunit C
YP_512837.1	YP_512837.1	FTL_0029	<i>carB</i>	carbamoyl phosphate synthase large subunit
YP_513183.1	YP_513183.1	FTL_0410	-	hypothetical protein

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id	Protein IDs	Locus	Gene Name	Protein Name
YP_514504.1	YP_514504.1	FTL_1892	-	hypothetical protein
YP_513988.1	YP_513988.1	FTL_1317	-	hypothetical protein
YP_513059.1	YP_513059.1	FTL_0265	-	hypothetical protein
YP_513447.1	YP_513447.1	FTL_0696	-	ABC transporter ATP-binding protein
YP_512838.1	YP_512838.1	FTL_0030	<i>carA</i>	carbamoyl phosphate synthase small subunit
YP_513244.1	YP_513244.1	FTL_0472	-	DNA polymerase III subunit alpha
YP_512872.1	YP_512872.1	FTL_0068	-	phosphoheptose isomerase
YP_514019.1	YP_514019.1	FTL_1358	-	cation-efflux family protein
YP_513792.1	YP_513792.1	FTL_1105	-	hypothetical protein
YP_512887.1	YP_512887.1	FTL_0086	-	hypothetical protein
YP_513428.1	YP_513428.1	FTL_0676	-	DNA ligase
YP_513785.1	YP_513785.1	FTL_1089	-	choloylglycine hydrolase family protein
YP_513846.1	YP_513846.1	FTL_1162	<i>pdpC</i>	hypothetical protein
YP_512914.1	YP_512914.1	FTL_0116	<i>pdpC</i>	PdpC protein
YP_513083.1	YP_513083.1	FTL_0290	<i>xerC</i>	integrase/recombinase XerC
YP_513669.1	YP_513669.1	FTL_0958	-	hypothetical protein
YP_512836.1	YP_512836.1	FTL_0028	<i>pyrB</i>	aspartate carbamoyltransferase
YP_513111.1	YP_513111.1	FTL_0319	-	hypothetical protein
YP_513109.1	YP_513109.1	FTL_0317	-	hypothetical protein
YP_512854.1	YP_512854.1	FTL_0046	-	diyroorotate dehydrogenase
YP_513968.1	YP_513968.1	FTL_1297	-	hypothetical protein
YP_513964.1	YP_513964.1	FTL_1293	-	hypothetical protein
YP_512865.1	YP_512865.1	FTL_0057	-	hypothetical protein
YP_513911.1	YP_513911.1	FTL_1230	-	cysteine desulfurase activator complex subunit SufB
YP_513773.1	YP_513773.1	FTL_1076	-	short chain dehydrogenase family protein
YP_513806.1	YP_513806.1	FTL_1119	<i>rdgC</i>	recombination associated protein
YP_513221.1	YP_513221.1	FTL_0449	<i>pigR</i>	pathogenicity island gene regulator
YP_514492.1	YP_514492.1	FTL_1879	-	osmosensitive K ⁺ channel His kinase sensor
YP_513639.1	YP_513639.1	FTL_0926	-	Ferritin-like protein
YP_513928.1	YP_513928.1	FTL_1248	-	glutathione reductase

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YP_514189.1	YP_514189.1	FTL_1543	-	formamidopyrimidine-DNA glycosylase
YP_513886.1	YP_513886.1	FTL_1203	-	cardiolipin synthetase
YP_513510.1	YP_513510.1	FTL_0765	-	VacJ lipoprotein
YP_514205.1	YP_514205.1	FTL_1566	-	CutC family protein
YP_513938.1	YP_513938.1	FTL_1264	-	dihydroneopterin aldolase
YP_513433.1	YP_513433.1	FTL_0681	<i>potG</i>	ATP-binding cassette putrescine uptake system, ATP-binding protein
YP_514192.1	YP_514192.1	FTL_1546	-	pyridoxal biosynthesis lyase PdxS
YP_513599.1	YP_513599.1	FTL_0879	-	beta-lactamase
YP_513011.1	YP_513011.1	FTL_0216	-	MutT/nudix family protein
YP_513070.1	YP_513070.1	FTL_0277	-	mercuric reductase protein
YP_513469.1	YP_513469.1	FTL_0718	-	cysteine desulfarase
YP_514134.1	YP_514134.1	FTL_1483	-	peptidase M16 family protein
YP_512964.1	YP_512964.1	FTL_0169	-	hypothetical protein
YP_514014.1	YP_514014.1	FTL_1351	-	TatD related DNase family protein
YP_513539.1	YP_513539.1	FTL_0807	-	major facilitator transporter
YP_513140.1	YP_513140.1	FTL_0357	<i>rph</i>	ribonuclease PH
YP_513168.1	YP_513168.1	FTL_0395	<i>purM</i>	phosphoribosylaminoimidazole synthetase
YP_513159.1	YP_513159.1	FTL_0383	<i>manA</i>	mannose-6-phosphate isomerase, fragment
YP_513676.1	YP_513676.1	FTL_0965	<i>hslV</i>	ATP-dependent protease peptidase subunit
YP_513368.1	YP_513368.1	FTL_0608	<i>manC</i>	mannose-1-phosphate guanylttransferase
YP_513269.1	YP_513269.1	FTL_0500	-	spermidine synthase
YP_512857.1	YP_512857.1	FTL_0049	-	D-tyrosyl-tRNA(Tyr) deacylase
YP_512826.1	YP_512826.1	FTL_0016	<i>pta</i>	phosphate acetyltransferase
YP_514514.1	YP_514514.1	FTL_1904	-	peptide chain release factor 2
YP_513423.1	YP_513423.1	FTL_0671	-	pantothenate kinase
YP_513359.1	YP_513359.1	FTL_0599	<i>wbtG</i>	glycosyl transferase family protein
YP_513472.1	YP_513472.1	FTL_0721	-	DedA family protein
YP_512936.1	YP_512936.1	FTL_0138	-	ribonuclease II family protein

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id	Protein IDs	Locus	Gene Name	Protein Name
YP_513235.1	YP_513235.1	FTL_0463	-	5'-methylthioadenosine/S-adenosylhomocysteine nucleosidase
YP_513737.1	YP_513737.1	FTL_1037	-	hypothetical protein
YP_513939.1	YP_513939.1	FTL_1265	-	2-amino-4-hydroxy-6-hydroxymethyldihydropteridine pyrophosphokinase
YP_513155.1	YP_513155.1	FTL_0379	-	methionine sulfoxide reductase B
YP_513912.1	YP_513912.1	FTL_1231	-	hypothetical protein
YP_514559.1	YP_514559.1	FTL_1961	-	hypothetical protein
YP_514508.1	YP_514508.1	FTL_1898	-	DNA polymerase III subunit delta
YP_513841.1	YP_513841.1	FTL_1157	<i>iglA</i>	intracellular growth locus, subunit A
YP_512909.1	YP_512909.1	FTL_0111	<i>iglA</i>	intracellular growth locus, subunit A
YP_514046.1	YP_514046.1	FTL_1391	<i>gmk</i>	guanylate kinase
YP_514128.1	YP_514128.1	FTL_1477	-	thiamine pyrophosphokinase
YP_513982.1	YP_513982.1	FTL_1311	<i>pyrG</i>	CTP synthetase
YP_513249.1	YP_513249.1	FTL_0477	<i>gcvT</i>	glycine cleavage system aminomethyltransferase T
YP_514196.1	YP_514196.1	FTL_1550	-	lipoprotein
YP_513842.1	YP_513842.1	FTL_1158	<i>iglB</i>	intracellular growth locus, subunit B
YP_512910.1	YP_512910.1	FTL_0112	<i>iglB</i>	intracellular growth locus, subunit B
YP_513277.1	YP_513277.1	FTL_0508	<i>mpl</i>	UDP-N-acetylmuramate--L-alanyl-gamma-D-glutamyl-meso-diaminopimelate ligase
YP_514441.1	YP_514441.1	FTL_1819	-	NADH dehydrogenase I subunit L
YP_513683.1	YP_513683.1	FTL_0974	-	50S ribosomal protein L11 methyltransferase
YP_513805.1	YP_513805.1	FTL_1118	-	hypothetical protein
YP_513709.1	YP_513709.1	FTL_1003	-	DNA polymerase III subunit epsilon
YP_513958.1	YP_513958.1	FTL_1287	<i>rlmL</i>	23S rRNA m(2)G2445 methyltransferase
YP_514515.1	YP_514515.1	FTL_1905	-	DNA polymerase III subunit gamma and tau
YP_513339.1	YP_513339.1	FTL_0579	-	putative nicotinate phosphoribosyltransferase
YP_513393.1	YP_513393.1	FTL_0640	-	hypothetical protein
YP_514209.1	YP_514209.1	FTL_1570	-	phospholipase D
YP_513587.1	YP_513587.1	FTL_0865	-	major facilitator transporter

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id	Protein IDs	Locus	Gene Name	Protein Name
YP_513438.1	YP_513438.1	FTL_0687	-	HlyD family secretion protein
YP_513331.1	YP_513331.1	FTL_0571	-	hypothetical protein
YP_512899.1	YP_512899.1	FTL_0100	-	carboxypeptidase, fragment
YP_514453.1	YP_514453.1	FTL_1831	<i>fur</i>	ferric uptake regulation protein
YP_513446.1	YP_513446.1	FTL_0695	-	cell entry (mce) related family protein
YP_512893.1	YP_512893.1	FTL_0092	<i>purT</i>	phosphoribosylglycinamide formyltransferase 2
YP_514291.1	YP_514291.1	FTL_1656	<i>uvrD</i>	DNA helicase II
YP_513445.1	YP_513445.1	FTL_0694	-	hypothetical protein
YP_513684.1	YP_513684.1	FTL_0975	-	Nif3 family protein
YP_513870.1	YP_513870.1	FTL_1187	<i>rplM</i>	50S ribosomal protein L13
YP_514153.1	YP_514153.1	FTL_1503	<i>dgt</i>	deoxyguanosinetriphosphate triphosphohydrolase
YP_513456.1	YP_513456.1	FTL_0705	-	hypothetical protein
YP_513470.1	YP_513470.1	FTL_0719	-	hypothetical protein
YP_513745.1	YP_513745.1	FTL_1045	-	lipoprotein
YP_513845.1	YP_513845.1	FTL_1161	<i>pdpE</i>	hypothetical protein
YP_512913.1	YP_512913.1	FTL_0115	<i>pdpE</i>	hypothetical protein
YP_514071.1	YP_514071.1	FTL_1416	<i>capB</i>	capsule biosynthesis protein capB
YP_514006.1	YP_514006.1	FTL_1341	-	hypothetical protein
YP_513693.1	YP_513693.1	FTL_0985	<i>grxA</i>	glutaredoxin
YP_513925.1	YP_513925.1	FTL_1245	-	short chain dehydrogenase
YP_513088.1	YP_513088.1	FTL_0296	-	hypothetical protein
YP_513803.1	YP_513803.1	FTL_1116	-	ATP-dependent DNA helicase
YP_513005.1	YP_513005.1	FTL_0210	<i>valS</i>	valyl-tRNA synthetase
YP_513459.1	YP_513459.1	FTL_0708	-	hypothetical protein
YP_513091.1	YP_513091.1	FTL_0299	<i>murQ</i>	N-acetylmuramic acid 6-phosphate etherase
YP_513096.1	YP_513096.1	FTL_0304	<i>nhaP</i>	Na ⁺ /H ⁺ antiporter
YP_513332.1	YP_513332.1	FTL_0572	-	hypothetical protein
YP_513029.1	YP_513029.1	FTL_0234	-	elongation factor G
YP_514357.1	YP_514357.1	FTL_1726	<i>parE</i>	DNA topoisomerase IV subunit B
YP_513910.1	YP_513910.1	FTL_1229	-	ABC transporter ATP-binding protein

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YP_513288.1	YP_513288.1	FTL_0519	<i>minD</i>	septum site-determining protein MinD
YP_513372.1	YP_513372.1	FTL_0612	<i>ppx</i>	exopolyphosphatase
YP_513857.1	YP_513857.1	FTL_1173	-	hypothetical protein
YP_513535.1	YP_513535.1	FTL_0803	-	hypothetical protein
YP_514536.1	YP_514536.1	FTL_1931	-	hypoxanthine-guanine phosphoribosyltransferase
YP_512825.1	YP_512825.1	FTL_0015	<i>ackA</i>	propionate kinase
YP_513352.1	YP_513352.1	FTL_0592	<i>wbtA</i>	dTDP-glucose 4,6-dehydratase
YP_513701.1	YP_513701.1	FTL_0995	-	haloacid dehalogenase
YP_513238.1	YP_513238.1	FTL_0466	<i>slt</i>	soluble lytic murein transglycosylase
YP_512898.1	YP_512898.1	FTL_0099	-	tryptophan synthase subunit beta
YP_513858.1	YP_513858.1	FTL_1174	-	cystathionine beta-synthase (cystein synthase)
YP_513974.2	YP_513974.2	FTL_1303	<i>rpmE</i>	50S ribosomal protein L31
YP_513909.1	YP_513909.1	FTL_1228	-	hypothetical protein
YP_514129.1	YP_514129.1	FTL_1478	<i>guaB</i>	inosine-5-monophosphate dehydrogenase
YP_513231.1	YP_513231.1	FTL_0459	-	methionine aminopeptidase
YP_513533.1	YP_513533.1	FTL_0801	<i>aroK</i>	shikimate kinase I
YP_513744.1	YP_513744.1	FTL_1044	-	hypothetical protein
YP_513317.1	YP_513317.1	FTL_0549	<i>proC</i>	pyrroline-5-carboxylate reductase
YP_512966.1	YP_512966.1	FTL_0171	-	tetrapyrrole methyltransferase family protein
YP_513532.1	YP_513532.1	FTL_0800	-	Type IV pilin multimeric outer membrane protein
YP_513057.1	YP_513057.1	FTL_0262	<i>rplQ</i>	50S ribosomal protein L17
YP_513692.1	YP_513692.1	FTL_0984	-	bifunctional gluaredoxin/ribonucleoside-diphosphate reductase subunit beta
YP_514310.1	YP_514310.1	FTL_1678	-	hypothetical protein
YP_513033.1	YP_513033.1	FTL_0238	<i>rplW</i>	50S ribosomal protein L23
YP_513167.1	YP_513167.1	FTL_0394	<i>folD</i>	bifunctional 5,10-methylene-tetrahydrofolate dehydrogenase/ 5,10-methylene-tetrahydrofolate cyclohydrolase
YP_514393.1	YP_514393.1	FTL_1762	<i>qseC</i>	sensor histidine kinase

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YP_514248.1	YP_514248.1	FTL_1609	-	dolichyl-phosphate-mannose-protein mannosyltransferase family protein
YP_514188.1	YP_514188.1	FTL_1542	-	hypothetical protein
YP_512994.1	YP_512994.1	FTL_0199	-	hypothetical protein
YP_513997.1	YP_513997.1	FTL_1331	-	hypothetical protein
YP_513932.1	YP_513932.1	FTL_1252	<i>rhIE</i>	ATP-dependent RNA helicase RhIE
YP_513346.1	YP_513346.1	FTL_0586	-	long chain fatty acid CoA ligase
YP_514316.1	YP_514316.1	FTL_1684	-	N5-glutamine S-adenosyl-L-methionine-dependent methyltransferase
YP_513819.1	YP_513819.1	FTL_1132	-	inositol-1-monophosphatase
YP_512848.1	YP_512848.1	FTL_0040	-	LysR family transcriptional regulator
YP_514278.1	YP_514278.1	FTL_1639	-	hypothetical protein
YP_514015.1	YP_514015.1	FTL_1352	-	DNA replication and repair protein RecF
YP_513086.1	YP_513086.1	FTL_0294	<i>mutS</i>	DNA mismatch repair protein MutS
YP_513113.1	YP_513113.1	FTL_0325	-	OmpA family protein
YP_513356.1	YP_513356.1	FTL_0596	-	UDP-glucose/GDP-mannose dehydrogenase
YP_514535.1	YP_514535.1	FTL_1930	<i>purA</i>	adenylosuccinate synthetase
YP_514138.1	YP_514138.1	FTL_1487	-	uridine phosphorylase
YP_514451.1	YP_514451.1	FTL_1829	-	NADH dehydrogenase subunit B
YP_514221.1	YP_514221.1	FTL_1582	<i>potF</i>	putrescine-binding periplasmic protein
YP_513281.1	YP_513281.1	FTL_0512	-	BolA-like protein
YP_513032.1	YP_513032.1	FTL_0237	<i>rplD</i>	50S ribosomal protein L4
YP_512947.1	YP_512947.1	FTL_0149	-	carbonic anhydrase
YP_514078.1	YP_514078.1	FTL_1423	-	glycosyl transferase family protein
YP_513354.1	YP_513354.1	FTL_0594	<i>wbtC</i>	UDP-glucose 4-epimerase
YP_513943.1	YP_513943.1	FTL_1272	<i>bioB</i>	biotin synthase
YP_513035.1	YP_513035.1	FTL_0240	<i>rpsS</i>	30S ribosomal protein S19
YP_514160.1	YP_514160.1	FTL_1511	-	glycerophosphoryl diester phosphodiesterase family protein
YP_513234.1	YP_513234.1	FTL_0462	-	DNA topoisomerase IV subunit A
YP_514315.1	YP_514315.1	FTL_1683	<i>cysS</i>	cysteinyl-tRNA synthetase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513908.1	YP_513908.1	FTL_1225	-	hypothetical protein
YP_513246.1	YP_513246.1	FTL_0474	-	lipoprotein releasing system, subunit C, putative membrane protein
YP_513087.1	YP_513087.1	FTL_0295	-	acetyl-CoA carboxylase carboxyltransferase subunit alpha
YP_513953.1	YP_513953.1	FTL_1282	-	beta-glucosidase
YP_514158.1	YP_514158.1	FTL_1509	-	D-alanyl-D-alanine carboxypeptidase/D-alanyl-D-alanine-endopeptidase
YP_513536.1	YP_513536.1	FTL_0804	-	hypothetical protein
YP_513209.1	YP_513209.1	FTL_0437	-	riboflavin biosynthesis protein RibF
YP_513905.1	YP_513905.1	FTL_1222	-	hypothetical protein
YP_513304.1	YP_513304.1	FTL_0535	-	outer membrane protein
YP_514048.1	YP_514048.1	FTL_1393	<i>ppiC</i>	peptidyl-prolyl cis-trans isomerase
YP_514418.1	YP_514418.1	FTL_1793	-	hypothetical protein
YP_513485.1	YP_513485.1	FTL_0736	-	ribose-5-phosphate isomerase A
YP_513192.1	YP_513192.1	FTL_0419	-	oligopeptidase A
YP_514377.1	YP_514377.1	FTL_1746	<i>rplJ</i>	50S ribosomal protein L10
YP_514293.1	YP_514293.1	FTL_1658	<i>fimV</i>	hypothetical protein
YP_513527.1	YP_513527.1	FTL_0795	<i>adk</i>	adenylate kinase
YP_513740.1	YP_513740.1	FTL_1040	-	hypothetical protein
YP_514147.1	YP_514147.1	FTL_1496	-	cysteine/glutathione ABC transporter membrane/ATP-binding protein
YP_513108.1	YP_513108.1	FTL_0316	-	arsenate reductase
YP_513293.1	YP_513293.1	FTL_0524	-	ATP-dependent DNA helicase RecG
YP_513914.1	YP_513914.1	FTL_1233	<i>argP</i>	amino acid antiporter, high affinity arginine transporter
YP_513907.1	YP_513907.1	FTL_1224	-	thioredoxin
YP_513223.1	YP_513223.1	FTL_0451	-	hypothetical protein
YP_514444.1	YP_514444.1	FTL_1822	-	NADH dehydrogenase subunit I
YP_514447.1	YP_514447.1	FTL_1825	-	NADH dehydrogenase I subunit F
YP_513427.1	YP_513427.1	FTL_0675	<i>panG</i>	hypothetical protein, putative ketopantoate reductase
YP_513662.1	YP_513662.1	FTL_0951	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513310.1	YP_513310.1	FTL_0541	-	hypothetical protein
YP_513667.1	YP_513667.1	FTL_0956	<i>pth</i>	peptidyl-tRNA hydrolase
YP_514379.1	YP_514379.1	FTL_1748	<i>rplK</i>	50S ribosomal protein L11
YP_513162.1	YP_513162.1	FTL_0389	-	DNA repair protein recN
YP_513264.1	YP_513264.1	FTL_0492	<i>murF</i>	UDP-N--acetylmuramoylalanyl-D-glutamyl-2,6- diaminopimelate-D-alanyl-D-alanyl ligase
YP_514069.1	YP_514069.1	FTL_1414	<i>capA</i>	hypothetical protein
YP_514488.1	YP_514488.1	FTL_1874	<i>obgE</i>	GTPase ObgE
YP_513038.1	YP_513038.1	FTL_0243	<i>rplP</i>	50S ribosomal protein L16
YP_513831.1	YP_513831.1	FTL_1145	-	transketolase
YP_514417.1	YP_514417.1	FTL_1792	-	glutaredoxin-like protein
YP_514051.1	YP_514051.1	FTL_1396	-	galactose-1-phosphate uridylyltransferase
YP_514210.1	YP_514210.1	FTL_1571	-	thioredoxin reductase
YP_513248.1	YP_513248.1	FTL_0476	-	lysine decarboxylase, inducable
YP_513561.1	YP_513561.1	FTL_0839	-	hypothetical protein
YP_513206.1	YP_513206.1	FTL_0434	-	hypothetical protein
YP_513312.1	YP_513312.1	FTL_0544	<i>ppk</i>	polyphosphate kinase 2
YP_514253.1	YP_514253.1	FTL_1614	<i>murD</i>	UDP-N-acetylmuramoylalanine--D-glutamate ligase
YP_513458.1	YP_513458.1	FTL_0707	-	glycosyl transferase family protein
YP_513502.1	YP_513502.1	FTL_0754	<i>xseA</i>	exodeoxyribonuclease VII large subunit
YP_514059.1	YP_514059.1	FTL_1404	<i>rplT</i>	50S ribosomal protein L20
YP_512977.1	YP_512977.1	FTL_0182	-	elongation factor P
YP_514130.1	YP_514130.1	FTL_1479	<i>pepA</i>	cytosol aminopeptidase
YP_513807.1	YP_513807.1	FTL_1120	-	hypothetical protein
YP_513044.1	YP_513044.1	FTL_0249	<i>rpsN</i>	30S ribosomal protein S14
YP_513937.1	YP_513937.1	FTL_1263	<i>fadD2</i>	AMP-binding family protein
YP_512840.1	YP_512840.1	FTL_0032	<i>tmpT</i>	thiopurine S-methyltransferase
YP_513040.1	YP_513040.1	FTL_0245	<i>rpsQ</i>	30S ribosomal protein S17
YP_513483.1	YP_513483.1	FTL_0732	-	lactoylglutathione lyase
YP_513217.1	YP_513217.1	FTL_0445	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513679.1	YP_513679.1	FTL_0968	<i>tyrS</i>	tyrosyl-tRNA synthetase
YP_512930.1	YP_512930.1	FTL_0132	-	pyruvate phosphate dikinase
YP_514193.1	YP_514193.1	FTL_1547	-	DNA gyrase subunit B
YP_514159.1	YP_514159.1	FTL_1510	-	glycerol-3-phosphate transporter
YP_513894.1	YP_513894.1	FTL_1211	-	lipoprotein
YP_513148.1	YP_513148.1	FTL_0372	<i>gpsA</i>	NAD(P)H-dependent glycerol-3-phosphate dehydrogenase
YP_513743.1	YP_513743.1	FTL_1043	-	C32 tRNA thiolase
YP_513357.1	YP_513357.1	FTL_0597	<i>wbtF</i>	NAD dependent epimerase
YP_513283.1	YP_513283.1	FTL_0514	-	hypothetical protein
YP_512839.1	YP_512839.1	FTL_0031	-	acid phosphatase
YP_514474.1	YP_514474.1	FTL_1852	-	hypothetical protein
YP_513360.1	YP_513360.1	FTL_0600	<i>wbtH</i>	asparagine synthase
YP_513418.1	YP_513418.1	FTL_0666	<i>recC</i>	exodeoxyribonuclease V subunit gamma
YP_513467.1	YP_513467.1	FTL_0716	-	prolipoprotein diacylglycerol transferase
YP_513861.1	YP_513861.1	FTL_1178	-	hypothetical protein
YP_513237.1	YP_513237.1	FTL_0465	-	BNR/Asp-box repeat-containing protein
YP_514185.1	YP_514185.1	FTL_1539	<i>ftsI</i>	penicillin binding protein (peptidoglycan synthetase)
YP_513830.1	YP_513830.1	FTL_1144	-	hypothetical protein
YP_513756.1	YP_513756.1	FTL_1059	-	hypothetical protein
YP_513853.1	YP_513853.1	FTL_1169	<i>vgrG</i>	hypothetical protein
YP_512921.1	YP_512921.1	FTL_0123	<i>vgrG</i>	hypothetical protein
YP_514178.1	YP_514178.1	FTL_1532	-	hypothetical protein
YP_513711.1	YP_513711.1	FTL_1005	-	hypothetical protein
YP_513511.1	YP_513511.1	FTL_0766	<i>ggt</i>	gamma-glutamyltranspeptidase
YP_513772.1	YP_513772.1	FTL_1075	-	hypothetical protein
YP_512968.1	YP_512968.1	FTL_0173	<i>aroE</i>	shikimate 5-dehydrogenase
YP_514208.1	YP_514208.1	FTL_1569	-	phosphoglycolate phosphatase
YP_513440.1	YP_513440.1	FTL_0689	-	transcriptional regulator araC family protein
YP_514387.1	YP_514387.1	FTL_1756	<i>glpD</i>	anaerobic glycerol-3-phosphate dehydrogenase
YP_514448.1	YP_514448.1	FTL_1826	-	NADH dehydrogenase I subunit E

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513746.1	YP_513746.1	FTL_1046	<i>dacB</i>	D-alanyl-D-alanine carboxypeptidase
YP_513187.1	YP_513187.1	FTL_0414	<i>engA</i>	GTP-binding protein EngA
YP_514380.1	YP_514380.1	FTL_1749	-	transcription antitermination protein nusG
YP_513642.1	YP_513642.1	FTL_0929	-	hypothetical protein
YP_514170.1	YP_514170.1	FTL_1523	<i>tdh</i>	L-threonine 3-dehydrogenase
YP_512879.1	YP_512879.1	FTL_0075	-	riboflavin synthase beta subunit (6,7-dimethyl-8-ribityllumazine synthase)
YP_513030.1	YP_513030.1	FTL_0235	<i>rpsJ</i>	30S ribosomal protein S10
YP_514223.1	YP_514223.1	FTL_1584	<i>perM</i>	PerM family protein
YP_513586.1	YP_513586.1	FTL_0864	-	SIS domain-containing protein
YP_513460.1	YP_513460.1	FTL_0709	-	glycosyl transferases group 1 family protein
YP_513420.1	YP_513420.1	FTL_0668	-	ATP-dependent DNA helicase
YP_513409.1	YP_513409.1	FTL_0656	-	hypothetical protein
YP_514195.1	YP_514195.1	FTL_1549	-	tRNA-dihydrouridine synthase A
YP_514560.1	YP_514560.1	FTL_1962	-	hypothetical protein
YP_513355.1	YP_513355.1	FTL_0595	-	galacturonosyl transferase
YP_514446.1	YP_514446.1	FTL_1824	-	NADH dehydrogenase subunit G
YP_512973.1	YP_512973.1	FTL_0178	<i>yidC</i>	inner-membrane protein
YP_514450.1	YP_514450.1	FTL_1828	-	NADH dehydrogenase I
YP_513107.1	YP_513107.1	FTL_0315	-	MutT protein
YP_514522.1	YP_514522.1	FTL_1912	<i>rpsA</i>	30S ribosomal protein S1
YP_514348.1	YP_514348.1	FTL_1717	-	hypothetical protein
YP_514332.1	YP_514332.1	FTL_1701	<i>glpX</i>	fructose 1,6-bisphosphatase II
YP_514371.1	YP_514371.1	FTL_1740	-	fatty acid desaturase
YP_513375.1	YP_513375.1	FTL_0616	<i>rpoA2</i>	DNA-directed RNA polymerase subunit alpha
YP_513871.1	YP_513871.1	FTL_1188	-	hypothetical protein
YP_513660.1	YP_513660.1	FTL_0949	-	ribose-phosphate pyrophosphokinase
YP_513141.1	YP_513141.1	FTL_0358	-	hypothetical protein
YP_514083.1	YP_514083.1	FTL_1428	-	ABC transporter ATP-binding and membrane protein
YP_514318.1	YP_514318.1	FTL_1686	-	acetyltransferase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514462.1	YP_514462.1	FTL_1840	-	hypothetical protein
YP_514040.1	YP_514040.1	FTL_1384	-	hypothetical protein
YP_514279.1	YP_514279.1	FTL_1640	-	amino acid transporter protein, fragment
YP_513479.1	YP_513479.1	FTL_0728	-	hypothetical protein
YP_514378.1	YP_514378.1	FTL_1747	<i>rplA</i>	50S ribosomal protein L1
YP_513610.1	YP_513610.1	FTL_0891	<i>tig</i>	trigger factor
YP_513031.1	YP_513031.1	FTL_0236	<i>rplC</i>	50S ribosomal protein L3
YP_513694.1	YP_513694.1	FTL_0986	<i>nrdA</i>	ribonucleotide-diphosphate reductase subunit alpha
YP_513552.1	YP_513552.1	FTL_0830	-	molybdopterin binding family protein, fragment
YP_514207.1	YP_514207.1	FTL_1568	-	LysR family transcriptional regulator
YP_513653.1	YP_513653.1	FTL_0940	-	methylpurine-DNA glycosylase family protein
YP_512904.1	YP_512904.1	FTL_0105	-	hypothetical protein
YP_512991.1	YP_512991.1	FTL_0196	-	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransferase
YP_513774.1	YP_513774.1	FTL_1077	<i>ruvB</i>	Holliday junction DNA helicase RuvB
YP_514022.1	YP_514022.1	FTL_1361	-	cold shock protein
YP_514018.1	YP_514018.1	FTL_1357	-	UTP--glucose-1-phosphate uridylyltransferase
YP_513230.1	YP_513230.1	FTL_0458	-	hypothetical protein
YP_513048.1	YP_513048.1	FTL_0253	<i>rpsE</i>	30S ribosomal protein S5
YP_513895.1	YP_513895.1	FTL_1212	<i>leuS</i>	leucyl-tRNA synthetase
YP_514140.1	YP_514140.1	FTL_1489	-	FAD-binding family protein
YP_513396.1	YP_513396.1	FTL_0643	-	N utilisation substance protein B
YP_513537.1	YP_513537.1	FTL_0805	-	bifunctional proline dehydrogenase/pyrroline-5-carboxylate dehydrogenase
YP_513520.1	YP_513520.1	FTL_0785	-	GTP-binding protein
YP_514243.1	YP_514243.1	FTL_1604	-	DNA polymerase III, delta prime subunit
YP_514449.1	YP_514449.1	FTL_1827	-	NADH dehydrogenase subunit D
YP_513099.1	YP_513099.1	FTL_0307	<i>coaE</i>	dephospho-CoA kinase
YP_513413.1	YP_513413.1	FTL_0661	-	hypothetical protein
YP_514229.1	YP_514229.1	FTL_1590	-	hypothetical protein
YP_514143.1	YP_514143.1	FTL_1492	-	fructokinase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513421.1	YP_513421.1	FTL_0669	<i>recB</i>	exodeoxyribonuclease V subunit beta
YP_514506.1	YP_514506.1	FTL_1896	-	hypothetical protein
YP_514002.1	YP_514002.1	FTL_1336	-	prephenate dehydratase
YP_514276.1	YP_514276.1	FTL_1637	-	lipoprotein
YP_514452.1	YP_514452.1	FTL_1830	-	NADH dehydrogenase I subunit A
YP_513251.1	YP_513251.1	FTL_0479	-	glycine dehydrogenase subunit 1
YP_513500.1	YP_513500.1	FTL_0752	-	hypothetical protein
YP_514292.1	YP_514292.1	FTL_1657	<i>ftsY</i>	signal recognition particle receptor FtsY
YP_513661.1	YP_513661.1	FTL_0950	-	50S ribosomal protein L25
YP_513285.1	YP_513285.1	FTL_0516	-	ABC transporter membrane protein
YP_514382.1	YP_514382.1	FTL_1751	-	elongation factor Tu
YP_514538.1	YP_514538.1	FTL_1935	-	ABC transporter ATP-binding protein
YP_513252.1	YP_513252.1	FTL_0480	-	glycine dehydrogenase subunit 2
YP_513124.1	YP_513124.1	FTL_0336	-	peptidoglycan-associated lipoprotein
YP_514523.1	YP_514523.1	FTL_1913	-	Sua5/YciO/YrdC family protein
YP_513276.1	YP_513276.1	FTL_0507	<i>pyrE</i>	orotate phosphoribosyltransferase
YP_514025.1	YP_514025.1	FTL_1364	-	hypothetical protein
YP_514031.1	YP_514031.1	FTL_1370	-	hypothetical protein
YP_513980.1	YP_513980.1	FTL_1309	-	Acetyl-CoA carboxylase beta subunit
YP_513550.1	YP_513550.1	FTL_0828	-	Type IV pili nucleotide binding protein, ABC transporter ATP-binding protein
YP_514135.1	YP_514135.1	FTL_1484	-	methylase
YP_514252.1	YP_514252.1	FTL_1613	<i>ftsW</i>	cell division protein FtsW
YP_513449.1	YP_513449.1	FTL_0698	-	hypothetical protein
YP_513194.1	YP_513194.1	FTL_0421	<i>tul4</i>	lipoprotein
YP_513316.1	YP_513316.1	FTL_0548	<i>rdgB</i>	putative deoxyribonucleotide triphosphate pyrophosphatase
YP_513734.1	YP_513734.1	FTL_1034	<i>cysN</i>	sulfate adenyllyltransferase
YP_512821.1	YP_512821.1	FTL_0011	<i>secB1</i>	preprotein translocase subunit SecB
YP_513114.1	YP_513114.1	FTL_0326	-	FKBP-type 16 kDa peptidyl-prolyl cis-transisomerase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513577.1	YP_513577.1	FTL_0855	-	L-asparaginase
YP_514233.1	YP_514233.1	FTL_1594	<i>apaH</i>	diadenosine tetraphosphatase
YP_513153.1	YP_513153.1	FTL_0377	-	chorismate synthase
YP_513377.1	YP_513377.1	FTL_0620	<i>tatD</i>	deoxyribonuclease
YP_513548.1	YP_513548.1	FTL_0823	-	hypothetical protein
YP_514295.1	YP_514295.1	FTL_1660	<i>tmk</i>	thymidylate kinase
YP_514045.1	YP_514045.1	FTL_1390	-	quinolinate synthetase
YP_513741.1	YP_513741.1	FTL_1041	-	octaprenyl-diphosphate synthase
YP_513556.1	YP_513556.1	FTL_0834	-	rhodanese-like family protein
YP_513719.1	YP_513719.1	FTL_1018	-	phosphoserine aminotransferase
YP_513371.1	YP_513371.1	FTL_0611	<i>trx1</i>	thioredoxin
YP_512812.1	YP_512812.1	FTL_0002	-	DNA polymerase III subunit beta
YP_513742.1	YP_513742.1	FTL_1042	-	FKBP-type peptidyl-prolyl cis-trans isomerase family protein
YP_512967.1	YP_512967.1	FTL_0172	<i>murC</i>	UDP-N-acetylmuramate--L-alanine ligase
YP_513512.1	YP_513512.1	FTL_0767	-	hypothetical protein
YP_513302.1	YP_513302.1	FTL_0533	-	DNA gyrase subunit A
YP_514366.1	YP_514366.1	FTL_1735	<i>rplS</i>	50S ribosomal protein L19
YP_513171.1	YP_513171.1	FTL_0398	<i>purE</i>	phosphoribosylaminoimidazole carboxylase,catalytic subunit
YP_513954.1	YP_513954.1	FTL_1283	-	glutamate-1-semialdehyde aminotransferase
YP_513344.1	YP_513344.1	FTL_0584	-	bifunctional 3-hydroxacyl-CoA dehydrogenase/acyl-CoA-binding protein
YP_513216.1	YP_513216.1	FTL_0444	<i>metG</i>	methionyl-tRNA synthetase
YP_513119.1	YP_513119.1	FTL_0331	-	TolQ protein
YP_513077.1	YP_513077.1	FTL_0284	-	hypothetical protein
YP_513085.1	YP_513085.1	FTL_0293	<i>secB2</i>	preprotein translocase subunit SecB
YP_512969.1	YP_512969.1	FTL_0174	-	hypothetical protein
YP_513012.1	YP_513012.1	FTL_0217	<i>fumC</i>	fumarate hydratase
YP_513225.1	YP_513225.1	FTL_0453	-	UDP-N-acetylglucosamine pyrophosphorylase/glucosamine-1-phosphate N-acetyltransferase
YP_514554.1	YP_514554.1	FTL_1956	<i>pepN</i>	aminopeptidase N

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_512864.1	YP_512864.1	FTL_0056	-	NADH dehydrogenase
YP_513172.1	YP_513172.1	FTL_0399	<i>purK</i>	phosphoribosylaminoimidazole carboxylase ATPase subunit
YP_514062.1	YP_514062.1	FTL_1407	<i>thrS</i>	threonyl-tRNA synthetase
YP_513574.1	YP_513574.1	FTL_0852	-	3-phosphoshikimate 1-carboxyvinyltransferase
YP_512993.1	YP_512993.1	FTL_0198	-	pyridoxal kinase
YP_514277.1	YP_514277.1	FTL_1638	-	3-demethylubiquinone-9 3-methyltransferase
YP_513650.1	YP_513650.1	FTL_0937	-	hypothetical protein
YP_513715.1	YP_513715.1	FTL_1014	-	oxidative stress transcriptional regulator
YP_513476.1	YP_513476.1	FTL_0725	-	hypothetical protein
YP_513832.1	YP_513832.1	FTL_1146	<i>gapA</i>	glyceraldehyde-3-phosphate dehydrogenase
YP_513804.1	YP_513804.1	FTL_1117	-	hypothetical protein
YP_513540.1	YP_513540.1	FTL_0808	-	bifunctional 4'-phosphopantothienoylcysteine decarboxylase,phosphopantothienoylcysteine synthetase
YP_513053.1	YP_513053.1	FTL_0258	<i>rpsM</i>	30S ribosomal protein S13
YP_513731.1	YP_513731.1	FTL_1030	-	ribosomal large subunit pseudouridine synthase B
YP_513435.1	YP_513435.1	FTL_0684	-	hypothetical protein
YP_513166.1	YP_513166.1	FTL_0393	<i>lpxE</i>	lipid A 1-phosphatase
YP_513654.1	YP_513654.1	FTL_0941	-	hypothetical protein
YP_513955.1	YP_513955.1	FTL_1284	-	glutathione synthetase
YP_512875.1	YP_512875.1	FTL_0071	-	GTP-binding protein LepA
YP_514244.1	YP_514244.1	FTL_1605	-	putative periplasmic protease
YP_513521.1	YP_513521.1	FTL_0786	-	N-acetylglucosamine-6-phosphate deacetylase
YP_512877.1	YP_512877.1	FTL_0073	-	hypothetical protein
YP_513298.1	YP_513298.1	FTL_0529	-	uracil-DNA glycosylase
YP_513700.1	YP_513700.1	FTL_0994	-	hypothetical protein
YP_513381.1	YP_513381.1	FTL_0625	<i>gtrB</i>	glycosyl transferase family protein
YP_513611.1	YP_513611.1	FTL_0892	<i>clpP</i>	ATP-dependent Clp protease proteolytic subunit
YP_514376.1	YP_514376.1	FTL_1745	<i>rplL</i>	50S ribosomal protein L7/L12
YP_513047.1	YP_513047.1	FTL_0252	<i>rplR</i>	50S ribosomal protein L18
YP_513652.1	YP_513652.1	FTL_0939	-	aldolase/adducin class II family protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513061.1	YP_513061.1	FTL_0267	<i>htpG</i>	heat shock protein 90
YP_514354.1	YP_514354.1	FTL_1723	-	hypothetical protein
YP_514542.1	YP_514542.1	FTL_1941	-	tRNA processing ribonuclease BN
YP_512818.1	YP_512818.1	FTL_0008	-	peptidase
YP_513675.1	YP_513675.1	FTL_0964	<i>hslU</i>	ATP-dependent protease ATP-binding subunit HslU
YP_513180.1	YP_513180.1	FTL_0407	<i>ubiB</i>	2-polyprenylphenol 6-hydroxylase
YP_513382.1	YP_513382.1	FTL_0626	<i>ppnK</i>	inorganic phosphate/ATP-NAD kinase
YP_514435.1	YP_514435.1	FTL_1810	<i>nusA</i>	transcription elongation factor NusA
YP_513455.1	YP_513455.1	FTL_0704	-	hypothetical protein
YP_513041.1	YP_513041.1	FTL_0246	<i>rplN</i>	50S ribosomal protein L14
YP_513630.1	YP_513630.1	FTL_0917	-	transcription-repair coupling factor
YP_513045.1	YP_513045.1	FTL_0250	<i>rpsH</i>	30S ribosomal protein S8
YP_514250.1	YP_514250.1	FTL_1611	-	glycosyl transferase family protein
YP_512971.1	YP_512971.1	FTL_0176	-	ribonuclease P protein component
YP_514085.1	YP_514085.1	FTL_1430	-	UDP-glucose 4-epimerase
YP_513796.2	YP_513796.2	FTL_1109	-	transaldolase B
YP_513139.1	YP_513139.1	FTL_0356	<i>ubiC</i>	chorismate pyruvate lyase
YP_513695.1	YP_513695.1	FTL_0987	<i>mdh</i>	malate dehydrogenase
YP_513493.1	YP_513493.1	FTL_0744	-	exodeoxyribonuclease I
YP_512984.1	YP_512984.1	FTL_0189	-	cytochrome d terminal oxidase, polypeptide subunit I
YP_513403.1	YP_513403.1	FTL_0650	-	prolyl-tRNA synthetase
YP_513265.1	YP_513265.1	FTL_0493	-	hypothetical protein
YP_513314.1	YP_513314.1	FTL_0546	<i>ispA</i>	geranyltranstransferase
YP_513795.1	YP_513795.1	FTL_1108	-	cytosol aminopeptidase
YP_512995.1	YP_512995.1	FTL_0200	-	methanol dehydrogenase regulatory protein
YP_513944.1	YP_513944.1	FTL_1273	<i>bioF</i>	8-amino-7-oxononanoate synthase
YP_512953.1	YP_512953.1	FTL_0157	-	hypothetical protein
YP_513006.1	YP_513006.1	FTL_0211	-	hypothetical protein
YP_513882.1	YP_513882.1	FTL_1199	-	regulatory protein
YP_513668.1	YP_513668.1	FTL_0957	<i>blaA</i>	Beta-lactamase class A

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513210.1	YP_513210.1	FTL_0438	-	malate dehydrogenase
YP_513178.1	YP_513178.1	FTL_0405	<i>ubiE</i>	menaquinone biosynthesis methyltransferase
YP_513369.1	YP_513369.1	FTL_0609	<i>manB</i>	phosphomannomutase
YP_513477.1	YP_513477.1	FTL_0726	-	2-octaprenyl-6-methoxyphenyl hydroxylase
YP_513046.1	YP_513046.1	FTL_0251	<i>rplF</i>	50S ribosomal protein L6
YP_513028.1	YP_513028.1	FTL_0233	<i>rpsG</i>	30S ribosomal protein S7
YP_513713.1	YP_513713.1	FTL_1012	-	hypothetical protein
YP_514534.1	YP_514534.1	FTL_1929	<i>purH</i>	bifunctional phosphoribosylaminoimidazolecarboxamide formyltransferase/IMP cyclohydrolase
YP_514465.1	YP_514465.1	FTL_1843	-	Glu-tRNA ^{Gln} amidotransferase C subunit
YP_513678.1	YP_513678.1	FTL_0967	<i>lplA</i>	lipoate-protein ligase A
YP_513690.1	YP_513690.1	FTL_0981	-	DNA polymerase IV
YP_514367.1	YP_514367.1	FTL_1736	<i>trmD</i>	tRNA (guanine-N(1)-)-methyltransferase
YP_513523.1	YP_513523.1	FTL_0788	-	glutamine amidotransferases class-II family protein
YP_513226.1	YP_513226.1	FTL_0454	-	glucosamine--fructose-6-phosphate aminotransferase
YP_513513.1	YP_513513.1	FTL_0768	-	GTP binding translational elongation factor Tu and G family protein
YP_513406.1	YP_513406.1	FTL_0653	-	hypothetical protein
YP_513727.1	YP_513727.1	FTL_1026	<i>rplI</i>	50S ribosomal protein L9
YP_513554.1	YP_513554.1	FTL_0832	-	Mur ligase family protein
YP_513054.1	YP_513054.1	FTL_0259	-	30S ribosomal protein S11
YP_513306.1	YP_513306.1	FTL_0537	<i>lpxD</i>	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransferase
YP_514360.1	YP_514360.1	FTL_1729	<i>nudH</i>	dinucleoside polyphosphate hydrolase
YP_513398.1	YP_513398.1	FTL_0645	-	lipoprotein
YP_512876.1	YP_512876.1	FTL_0072	<i>mnmA</i>	tRNA-specific 2-thiouridylase MnmA
YP_513063.1	YP_513063.1	FTL_0269	<i>gdh</i>	glutamate dehydrogenase
YP_513193.1	YP_513193.1	FTL_0420	-	hypothetical protein
YP_513098.1	YP_513098.1	FTL_0306	-	tryptophanyl-tRNA synthetase
YP_514548.1	YP_514548.1	FTL_1947	-	putative ABC transporter ATP-binding protein
YP_512992.1	YP_512992.1	FTL_0197	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514513.1	YP_514513.1	FTL_1903	-	lysyl-tRNA synthetase
YP_513901.1	YP_513901.1	FTL_1218	-	hypothetical protein
YP_513106.1	YP_513106.1	FTL_0314	<i>isftu1</i>	transposase
YP_514545.1	YP_514545.1	FTL_1944	<i>isftu1</i>	transposase
YP_514532.1	YP_514532.1	FTL_1925	<i>isftu1</i>	transposase
YP_514503.1	YP_514503.1	FTL_1891	<i>isftu1</i>	transposase
YP_514499.1	YP_514499.1	FTL_1886	<i>isftu1</i>	transposase
YP_514438.1	YP_514438.1	FTL_1815	<i>isftu1</i>	transposase
YP_514388.1	YP_514388.1	FTL_1757	<i>isftu1</i>	transposase
YP_514349.1	YP_514349.1	FTL_1718	<i>isftu1</i>	transposase
YP_514344.1	YP_514344.1	FTL_1713	<i>isftu1</i>	transposase
YP_514319.1	YP_514319.1	FTL_1687	<i>isftu1</i>	transposase
YP_514313.1	YP_514313.1	FTL_1681	<i>isftu1</i>	transposase
YP_514282.1	YP_514282.1	FTL_1643	<i>isftu1</i>	transposase
YP_514269.1	YP_514269.1	FTL_1630	<i>isftu1</i>	transposase
YP_514266.1	YP_514266.1	FTL_1627	<i>isftu1</i>	transposase
YP_514249.1	YP_514249.1	FTL_1610	<i>isftu1</i>	transposase
YP_514190.1	YP_514190.1	FTL_1544	<i>isftu1</i>	transposase
YP_514155.1	YP_514155.1	FTL_1505	<i>isftu1</i>	transposase
YP_514113.1	YP_514113.1	FTL_1462	<i>isftu1</i>	transposase
YP_514101.1	YP_514101.1	FTL_1446	<i>isftu1</i>	transposase
YP_514057.1	YP_514057.1	FTL_1402	<i>isftu1</i>	transposase
YP_514030.1	YP_514030.1	FTL_1369	<i>isftu1</i>	transposase
YP_514012.1	YP_514012.1	FTL_1349	<i>isftu1</i>	transposase
YP_513987.1	YP_513987.1	FTL_1316	<i>isftu1</i>	transposase
YP_513969.1	YP_513969.1	FTL_1298	<i>isftu1</i>	transposase
YP_513961.1	YP_513961.1	FTL_1290	<i>isftu1</i>	transposase
YP_513921.1	YP_513921.1	FTL_1241	<i>isftu1</i>	transposase
YP_513878.1	YP_513878.1	FTL_1195	<i>isftu1</i>	transposase
YP_513838.1	YP_513838.1	FTL_1153	<i>isftu1</i>	transposase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513814.1	YP_513814.1	FTL_1127	<i>isftu1</i>	transposase
YP_513721.1	YP_513721.1	FTL_1020	<i>isftu1</i>	transposase
YP_513680.1	YP_513680.1	FTL_0969	<i>isftu1</i>	transposase
YP_513518.1	YP_513518.1	FTL_0783	<i>isftu1</i>	transposase
YP_513484.1	YP_513484.1	FTL_0733	<i>isftu1</i>	transposase
YP_513434.1	YP_513434.1	FTL_0682	<i>isftu1</i>	transposase
YP_513430.1	YP_513430.1	FTL_0678	<i>isftu1</i>	transposase
YP_513384.1	YP_513384.1	FTL_0631	<i>isftu1</i>	transposase
YP_513367.1	YP_513367.1	FTL_0607	<i>isftu1</i>	transposase
YP_513279.1	YP_513279.1	FTL_0510	<i>isftu1</i>	transposase
YP_513272.1	YP_513272.1	FTL_0503	<i>isftu1</i>	transposase
YP_513212.1	YP_513212.1	FTL_0440	<i>isftu1</i>	transposase
YP_513190.1	YP_513190.1	FTL_0417	<i>isftu1</i>	transposase
YP_513136.1	YP_513136.1	FTL_0353	<i>isftu1</i>	transposase
YP_513126.1	YP_513126.1	FTL_0339	<i>isftu1</i>	transposase
YP_513062.1	YP_513062.1	FTL_0268	<i>isftu1</i>	transposase
YP_513060.1	YP_513060.1	FTL_0266	<i>isftu1</i>	transposase
YP_513058.1	YP_513058.1	FTL_0263	<i>isftu1</i>	transposase
YP_512980.1	YP_512980.1	FTL_0185	<i>isftu1</i>	transposase
YP_512959.1	YP_512959.1	FTL_0164	<i>isftu1</i>	transposase
YP_512951.1	YP_512951.1	FTL_0153	<i>isftu1</i>	transposase
YP_512933.1	YP_512933.1	FTL_0135	<i>isftu1</i>	transposase
YP_512926.1	YP_512926.1	FTL_0128	<i>isftu1</i>	transposase
YP_512905.1	YP_512905.1	FTL_0107	<i>isftu1</i>	transposase
YP_512884.1	YP_512884.1	FTL_0080	<i>isftu1</i>	transposase
YP_512862.1	YP_512862.1	FTL_0054	<i>isftu1</i>	transposase
YP_512831.1	YP_512831.1	FTL_0023	<i>isftu1</i>	transposase
YP_512827.1	YP_512827.1	FTL_0018	<i>isftu1</i>	transposase
YP_512814.1	YP_512814.1	FTL_0004	<i>isftu1</i>	transposase
YP_513294.1	YP_513294.1	FTL_0525	-	fumerate hydratase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514539.1	YP_514539.1	FTL_1936	-	periplasmic solute binding family protein
YP_514052.1	YP_514052.1	FTL_1397	-	galactokinase
YP_514529.1	YP_514529.1	FTL_1921	-	ABC transporter ATP-binding protein
YP_513788.1	YP_513788.1	FTL_1096	<i>dsbA</i>	Disulfide bond formation protein A / FipB
YP_513917.1	YP_513917.1	FTL_1237	-	hypothetical protein
YP_514556.1	YP_514556.1	FTL_1958	-	bifunctional indole-3-glycerol phosphate synthase/phosphoribosylanthranilate isomerase
YP_514021	YP_514021	FTL_1360	<i>rpsU3</i>	30S ribosomal protein S21-3
YP_513228.1	YP_513228.1	FTL_0456	<i>rpsU1</i>	30S ribosomal protein S21-1
YP_513534.1	YP_513534.1	FTL_0802	<i>aroB</i>	3-dehydroquinate synthase
YP_513019.1	YP_513019.1	FTL_0224	<i>rpsB</i>	30S ribosomal protein S2
YP_514304.1	YP_514304.1	FTL_1669	-	tRNA CCA-pyrophosphorylase
YP_513749.1	YP_513749.1	FTL_1049	<i>dnaG</i>	DNA primase
YP_513020.1	YP_513020.1	FTL_0225	<i>tsf</i>	elongation factor Ts
YP_513920.1	YP_513920.1	FTL_1240	-	phospho-2-dehydro-3-deoxyheptonate aldolase
YP_514420.1	YP_514420.1	FTL_1795	-	FOF1 ATP synthase subunit beta
YP_513481.1	YP_513481.1	FTL_0730	-	haloacid dehalogenase-like hydrolase family protein
YP_513307.1	YP_513307.1	FTL_0538	<i>fabZ</i>	(3R)-hydroxymyristoyl-ACP dehydratase
YP_513222.1	YP_513222.1	FTL_0450	<i>psd</i>	phosphatidylserine decarboxylase
YP_514374.1	YP_514374.1	FTL_1743	-	DNA-directed RNA polymerase subunit beta
YP_514001.1	YP_514001.1	FTL_1335	-	hypothetical protein
YP_514087.1	YP_514087.1	FTL_1432	-	D-ribulose-phosphate 3-epimerase
YP_512946.1	YP_512946.1	FTL_0148	-	Sodium/hydrogen exchanger (antiporter) family protein
YP_513100.1	YP_513100.1	FTL_0308	-	hypothetical protein
YP_513385.1	YP_513385.1	FTL_0632	-	ArsR family transcriptional regulator
YP_513362.1	YP_513362.1	FTL_0602	<i>wbtI</i>	hypothetical protein
YP_513530.1	YP_513530.1	FTL_0798	-	Type IV pili glycosylation protein
YP_513186.1	YP_513186.1	FTL_0413	<i>murA</i>	UDP-N-acetylglucosamine 1-carboxyvinyltransferase
YP_513097.1	YP_513097.1	FTL_0305	-	hypothetical protein
YP_514340.1	YP_514340.1	FTL_1709	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513365.1	YP_513365.1	FTL_0605	<i>wbtL</i>	glucose-1-phosphate thymidyltransferase
YP_513170.1	YP_513170.1	FTL_0397	<i>purN</i>	phosphoribosylglycinamide formyltransferase
YP_512890.1	YP_512890.1	FTL_0089	-	ferredoxin
YP_512880.1	YP_512880.1	FTL_0076	-	riboflavin biosynthesis protein ribA/GTP-cyclohydrolase II
YP_513549.1	YP_513549.1	FTL_0827	-	Type IV pili polytopic inner membrane protein
YP_514036.1	YP_514036.1	FTL_1375	-	heat shock protein 15 (HSP15)
YP_514274.1	YP_514274.1	FTL_1635	-	chitinase, fragment
YP_513379.1	YP_513379.1	FTL_0623	-	ABC transporter ATP-binding protein
YP_514141.1	YP_514141.1	FTL_1490	-	phosphoglyceromutase
YP_514365.1	YP_514365.1	FTL_1734	-	integrase/recombinase
YP_513151.1	YP_513151.1	FTL_0375	-	hypothetical protein
YP_514472.1	YP_514472.1	FTL_1850	<i>purB</i>	adenylosuccinate lyase
YP_513437.1	YP_513437.1	FTL_0686	-	outer membrane efflux protein
YP_512847.1	YP_512847.1	FTL_0039	-	hypothetical protein
YP_513291.1	YP_513291.1	FTL_0522	<i>rpmB</i>	50S ribosomal protein L28
YP_513208.1	YP_513208.1	FTL_0436	<i>ileS</i>	isoleucyl-tRNA synthetase
YP_514039.1	YP_514039.1	FTL_1383	-	glutathione peroxidase
YP_514237.1	YP_514237.1	FTL_1598	<i>argS</i>	arginyl-tRNA synthetase
YP_513646.1	YP_513646.1	FTL_0933	-	DNA recombination protein RmuC family protein
YP_513994.1	YP_513994.1	FTL_1328	<i>fopA</i>	OmpA family protein, outer membrane associated protein
YP_514330.1	YP_514330.1	FTL_1699	-	hypothetical protein
YP_512982.1	YP_512982.1	FTL_0187	-	cyclohexadienyl dehydratase
YP_513422.1	YP_513422.1	FTL_0670	<i>recD</i>	exodeoxyribonuclease V subunit alpha
YP_513946.1	YP_513946.1	FTL_1275	<i>bioD</i>	dethiobiotin synthetase
YP_513043.1	YP_513043.1	FTL_0248	<i>rplE</i>	50S ribosomal protein L5
YP_513578.1	YP_513578.1	FTL_0856	-	carbonic anhydrase
YP_514256.1	YP_514256.1	FTL_1617	<i>glnS</i>	glutaminyl-tRNA synthetase
YP_513519.1	YP_513519.1	FTL_0784	-	lipoprotein
YP_513474.1	YP_513474.1	FTL_0723	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513247.1	YP_513247.1	FTL_0475	-	lipoprotein releasing system, subunit D, ABC transporter ATP-binding protein
YP_514294.1	YP_514294.1	FTL_1659	<i>prfC</i>	peptide chain release factor 3
YP_513037.1	YP_513037.1	FTL_0242	<i>rpsC</i>	30S ribosomal protein S3
YP_513723.1	YP_513723.1	FTL_1022	-	coproporphyrinogen III oxidase
YP_512822.1	YP_512822.1	FTL_0012	<i>recA</i>	recombinase A
YP_513034.1	YP_513034.1	FTL_0239	<i>rplB</i>	50S ribosomal protein L2
YP_513408.1	YP_513408.1	FTL_0655	-	hypothetical protein
YP_513555.1	YP_513555.1	FTL_0833	<i>ispF</i>	2-C-methyl-D-erythritol 2,4-cyclodiphosphate synthase
YP_513635.1	YP_513635.1	FTL_0922	-	Iron-sulfur cluster-binding protein
YP_513560.1	YP_513560.1	FTL_0838	<i>metN</i>	D-methionine transport protein, ABC transporter,ATP-binding subunit
YP_512935.1	YP_512935.1	FTL_0137	-	lipopolysaccharide protein
YP_513898.1	YP_513898.1	FTL_1215	-	hypothetical protein
YP_513885.1	YP_513885.1	FTL_1202	-	hypothetical protein
YP_514555.1	YP_514555.1	FTL_1957	-	heat shock protein
YP_513927.1	YP_513927.1	FTL_1247	-	hypothetical protein
YP_513348.1	YP_513348.1	FTL_0588	-	isocitrate dehydrogenase
YP_513411.1	YP_513411.1	FTL_0659	-	cell division protein
YP_514194.1	YP_514194.1	FTL_1548	<i>chaC</i>	hypothetical protein
YP_514097.1	YP_514097.1	FTL_1442	<i>fabI</i>	enoyl-[acyl-carrier-protein] reductase (NADH)
YP_513965.1	YP_513965.1	FTL_1294	-	short-chain dehydrogenase
YP_513424.1	YP_513424.1	FTL_0672	<i>panD</i>	aspartate alpha-decarboxylase
YP_513257.1	YP_513257.1	FTL_0485	<i>glgC</i>	glucose-1-phosphate adenylyltransferase
YP_513768.1	YP_513768.1	FTL_1071	<i>guaA</i>	GMP synthase
YP_513522.1	YP_513522.1	FTL_0787	-	glycoprotease family protein
YP_513013.1	YP_513013.1	FTL_0218	<i>gltX</i>	glutamyl-tRNA synthetase
YP_514127.1	YP_514127.1	FTL_1476	<i>pgi</i>	glucose-6-phosphate isomerase
YP_513195.1	YP_513195.1	FTL_0423	-	hypothetical protein
YP_513666.1	YP_513666.1	FTL_0955	-	GTP-dependent nucleic acid-binding protein EngD

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513869.1	YP_513869.1	FTL_1186	<i>rpsI</i>	30S ribosomal protein S9
YP_513764.1	YP_513764.1	FTL_1067	-	hypothetical protein
YP_513956.1	YP_513956.1	FTL_1285	-	methionyl-tRNA formyltransferase
YP_513812.1	YP_513812.1	FTL_1125	-	transcriptional regulator
YP_514198.1	YP_514198.1	FTL_1552	-	hypothetical protein
YP_513345.1	YP_513345.1	FTL_0585	<i>fadE</i>	acyl-CoA dehydrogenase
YP_513790.1	YP_513790.1	FTL_1100	<i>rsfS</i>	ribosomal silencing factor RsfS
YP_513227.1	YP_513227.1	FTL_0455	-	acetyltransferase
YP_513933.1	YP_513933.1	FTL_1253	<i>folE</i>	GTP cyclohydrolase I
YP_514217.1	YP_514217.1	FTL_1578	-	hypothetical protein
YP_512820.1	YP_512820.1	FTL_0010	<i>glpe</i>	thiosulfate sulfurtransferase
YP_514423.1	YP_514423.1	FTL_1798	-	F ₀ F ₁ ATP synthase subunit delta
YP_514510.1	YP_514510.1	FTL_1900	-	L-glutaminase
YP_513883.1	YP_513883.1	FTL_1200	-	cobalamin (vitamin B12) synthesis protein/P47K family protein
YP_513940.1	YP_513940.1	FTL_1266	-	lipase/esterase
YP_513900.1	YP_513900.1	FTL_1217	-	hypothetical protein
YP_513303.1	YP_513303.1	FTL_0534	-	1-deoxy-D-xylulose 5-phosphate reductoisomerase
YP_514262.1	YP_514262.1	FTL_1623	-	hypothetical protein
YP_513177.1	YP_513177.1	FTL_0404	<i>glk</i>	glucose kinase
YP_514112.1	YP_514112.1	FTL_1461	<i>deoD</i>	purine nucleoside phosphorylase
YP_514050.1	YP_514050.1	FTL_1395	<i>galP1</i>	major facilitator superfamily galactose-proton symporter
YP_513507.1	YP_513507.1	FTL_0762	-	hypothetical protein
YP_514564.1	YP_514564.1	FTL_1968	-	ribonuclease G
YP_514139.1	YP_514139.1	FTL_1488	-	cytidine deaminase
YP_513597.1	YP_513597.1	FTL_0877	-	peptidase, M24 family protein
YP_513103.1	YP_513103.1	FTL_0311	-	dihydrolipoamide dehydrogenase
YP_513860.1	YP_513860.1	FTL_1177	<i>trmE</i>	tRNA modification GTPase TrmE
YP_514104.1	YP_514104.1	FTL_1449	-	ribonuclease D
YP_513957.1	YP_513957.1	FTL_1286	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_512998.1	YP_512998.1	FTL_0203	-	hypothetical protein
YP_514035.1	YP_514035.1	FTL_1374	-	organic solvent tolerance protein
YP_513881.1	YP_513881.1	FTL_1198	<i>pheT</i>	phenylalanyl-tRNA synthetase subunit beta
YP_513102.1	YP_513102.1	FTL_0310	-	dihydrolipoamide acetyltransferase
YP_514199.1	YP_514199.1	FTL_1553	<i>sucC</i>	succinyl-CoA synthetase subunit beta
YP_513570.1	YP_513570.1	FTL_0848	<i>secD</i>	preprotein translocase subunit SecD
YP_513835.1	YP_513835.1	FTL_1149	<i>fbaA</i>	fructose-1,6-bisphosphate aldolase
YP_513342.1	YP_513342.1	FTL_0582	-	hypothetical protein
YP_513750.1	YP_513750.1	FTL_1050	<i>rpoD</i>	RNA polymerase sigma-70 factor
YP_514187.1	YP_514187.1	FTL_1541	<i>mraW</i>	S-adenosyl-methyltransferase MraW
YP_513572.1	YP_513572.1	FTL_0850	-	hypothetical protein
YP_513410.1	YP_513410.1	FTL_0657	-	hydroxyacylglutathione hydrolase
YP_514478.1	YP_514478.1	FTL_1861	<i>purF</i>	amidophosphoribosyltransferase
YP_514245.1	YP_514245.1	FTL_1606	<i>sspA</i>	stringent starvation protein A
YP_513973.1	YP_513973.1	FTL_1302	-	phenol hydroxylase
YP_513636.1	YP_513636.1	FTL_0923	-	glutaredoxin
YP_514337.1	YP_514337.1	FTL_1706	<i>lolA</i>	lipoprotein releasing system subunit A, outer membrane lipoproteins carrier
YP_513656.1	YP_513656.1	FTL_0943	-	Sodium/hydrogen exchanger family protein
YP_514520.1	YP_514520.1	FTL_1910	-	D-alanyl-alanine synthetase A
YP_514184.1	YP_514184.1	FTL_1538	<i>rpsO</i>	30S ribosomal protein S15
YP_514299.1	YP_514299.1	FTL_1664	<i>deoB</i>	phosphopentomutase
YP_513833.1	YP_513833.1	FTL_1147	<i>pgk</i>	phosphoglycerate kinase
YP_513290.1	YP_513290.1	FTL_0521	<i>rpmG</i>	50S ribosomal protein L33
YP_513397.1	YP_513397.1	FTL_0644	-	carbon-nitrogen hydrolase
YP_513524.1	YP_513524.1	FTL_0789	-	aspartate aminotransferase
YP_513936.1	YP_513936.1	FTL_1262	-	chorismate binding family protein
YP_512940.1	YP_512940.1	FTL_0142	-	hypothetical protein
YP_513329.1	YP_513329.1	FTL_0569	-	hypothetical protein
YP_512873.1	YP_512873.1	FTL_0069	-	outer membrane lipoprotein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514075.1	YP_514075.1	FTL_1420	-	carbohydrate/purine kinase pfkB family protein
YP_513023.1	YP_513023.1	FTL_0228	<i>uppS</i>	undecaprenyl pyrophosphate synthase
YP_514109.1	YP_514109.1	FTL_1458	<i>secA</i>	preprotein translocase subunit SecA
YP_513913.1	YP_513913.1	FTL_1232	<i>trkA</i>	potassium transporter peripheral membrane protein
YP_514146.1	YP_514146.1	FTL_1495	-	cysteine/glutathione ABC transporter membrane/ATP-binding protein
YP_513224.1	YP_513224.1	FTL_0452	-	bifunctional nicotinamide mononucleotide adenylyltransferase/ADP-ribose pyrophosphatase
YP_513181.1	YP_513181.1	FTL_0408	<i>hitA</i>	histidine triad (HIT) family protein
YP_514000.1	YP_514000.1	FTL_1334	-	L-serine dehydratase 1
YP_514179.1	YP_514179.1	FTL_1533	-	DNA-directed RNA polymerase subunit omega
YP_513834.1	YP_513834.1	FTL_1148	<i>pyk</i>	pyruvate kinase
YP_514107.1	YP_514107.1	FTL_1452	<i>rpmA</i>	50S ribosomal protein L27
YP_514370.1	YP_514370.1	FTL_1739	-	S-adenosylmethionine synthetase
YP_513618.1	YP_513618.1	FTL_0899	-	protease, GTP-binding subunit
YP_513144.1	YP_513144.1	FTL_0361	-	LemA-like protein
YP_514080.1	YP_514080.1	FTL_1425	-	hypothetical protein
YP_513565.1	YP_513565.1	FTL_0843	<i>tgt</i>	queuine tRNA-ribosyltransferase
YP_513478.1	YP_513478.1	FTL_0727	-	monooxygenase family protein
YP_514483.1	YP_514483.1	FTL_1866	-	protein-L-isoaspartate O-methyltransferase
YP_514355.1	YP_514355.1	FTL_1724	-	lipoprotein
YP_512895.1	YP_512895.1	FTL_0094	<i>clpB</i>	ClpB protein
YP_513439.1	YP_513439.1	FTL_0688	-	major facilitator transporter
YP_513318.1	YP_513318.1	FTL_0552	<i>pmrA</i>	two-component response regulator
YP_512878.1	YP_512878.1	FTL_0074	-	peptide deformylase
YP_513376.1	YP_513376.1	FTL_0617	-	hypothetical protein
YP_513049.1	YP_513049.1	FTL_0254	<i>rpmD</i>	50S ribosomal protein L30
YP_514341.1	YP_514341.1	FTL_1710	-	ProP osmoprotectant transporter, fragment
YP_513407.1	YP_513407.1	FTL_0654	-	uroporphyrinogen III synthase
YP_513450.1	YP_513450.1	FTL_0699	-	ribosomal large subunit pseudouridine synthase D

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514218.1	YP_514218.1	FTL_1579	-	hypothetical protein
YP_514487.1	YP_514487.1	FTL_1873	-	amino acid transporter
YP_514226.1	YP_514226.1	FTL_1587	-	lysyl-tRNA synthetase
YP_513287.1	YP_513287.1	FTL_0518	<i>minE</i>	cell division topological specificity factor MinE
YP_513606.1	YP_513606.1	FTL_0886	-	(dimethylallyl)adenosine tRNA methylthiotransferase
YP_513055.1	YP_513055.1	FTL_0260	<i>rpsD</i>	30S ribosomal protein S4
YP_514400.1	YP_514400.1	FTL_1773	-	hypothetical protein
YP_514255.1	YP_514255.1	FTL_1616	<i>pckA</i>	phosphoenolpyruvate carboxykinase
YP_513480.1	YP_513480.1	FTL_0729	<i>queA</i>	S-adenosylmethionine--tRNA ribosyltransferase-isomerase
YP_513671.1	YP_513671.1	FTL_0960	<i>udhA</i>	soluble pyridine nucleotide transhydrogenase
YP_513082.1	YP_513082.1	FTL_0289	-	hypothetical protein
YP_513022.1	YP_513022.1	FTL_0227	<i>frr</i>	ribosome recycling factor
YP_513584.1	YP_513584.1	FTL_0862	-	hypothetical protein
YP_513315.1	YP_513315.1	FTL_0547	<i>kdtA</i>	3-deoxy-D-manno-octulosonic-acid transferase
YP_513793.1	YP_513793.1	FTL_1106	<i>alaS</i>	alanyl-tRNA synthetase
YP_512997.1	YP_512997.1	FTL_0202	-	hypothetical protein
YP_513568.1	YP_513568.1	FTL_0846	-	isochorismatase hydrolase family protein
YP_513697.1	YP_513697.1	FTL_0989	-	ubiquinone biosynthesis protein
YP_513718.1	YP_513718.1	FTL_1017	-	cytidylate kinase
YP_513417.1	YP_513417.1	FTL_0665	<i>gltB</i>	hypothetical protein (glutamate synthase domain-containing 2)
YP_513333.1	YP_513333.1	FTL_0573	-	hypothetical protein
YP_513614.1	YP_513614.1	FTL_0895	<i>hupB</i>	histone-like protein HU form B
YP_513615.1	YP_513615.1	FTL_0896	-	hypothetical protein
YP_514181.1	YP_514181.1	FTL_1535	<i>kdsA</i>	2-dehydro-3-deoxyphosphooctonate aldolase
YP_513475.1	YP_513475.1	FTL_0724	-	5-formyltetrahydrofolate cyclo-ligase
YP_513717.1	YP_513717.1	FTL_1016	-	short chain dehydrogenase
YP_513184.1	YP_513184.1	FTL_0411	-	hypothetical protein
YP_514149.1	YP_514149.1	FTL_1498	-	translation initiation inhibitor
YP_513645.1	YP_513645.1	FTL_0932	<i>ruvA</i>	Holliday junction DNA helicase RuvA

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513305.1	YP_513305.1	FTL_0536	-	outer membrane protein OmpH
YP_514413.1	YP_514413.1	FTL_1788	-	succinate dehydrogenase, cytochrome b556
YP_514345.1	YP_514345.1	FTL_1714	<i>groEL</i>	chaperonin GroEL
YP_513763.1	YP_513763.1	FTL_1066	-	fumarylacetoacetate hydrolase family protein
YP_513492.1	YP_513492.1	FTL_0743	-	oxidoreductase, short-chain dehydrogenase family protein
YP_513489.1	YP_513489.1	FTL_0740	-	hypothetical protein
YP_513056.1	YP_513056.1	FTL_0261	-	DNA-directed RNA polymerase subunit alpha
YP_513116.1	YP_513116.1	FTL_0328	-	chorismate mutase
YP_513612.1	YP_513612.1	FTL_0893	<i>clpX</i>	ATP-dependent protease ATP-binding subunit ClpX
YP_514215.1	YP_514215.1	FTL_1576	-	DNA mismatch repair protein
YP_513366.1	YP_513366.1	FTL_0606	<i>wbtM</i>	dTDP-D-glucose 4,6-dehydratase
YP_513202.1	YP_513202.1	FTL_0430	-	hypothetical protein
YP_513872.1	YP_513872.1	FTL_1189	<i>mltA</i>	membrane-bound lytic murein transglycosylase A (MLT) family protein
YP_512978.1	YP_512978.1	FTL_0183	-	oligoribonuclease
YP_513258.1	YP_513258.1	FTL_0486	<i>glgA</i>	glycogen synthase
YP_512867.1	YP_512867.1	FTL_0059	<i>gidB</i>	16S rRNA methyltransferase GidB
YP_514301.1	YP_514301.1	FTL_1666	-	DNA polymerase I
YP_514421.1	YP_514421.1	FTL_1796	-	F0F1 ATP synthase subunit gamma
YP_512937.1	YP_512937.1	FTL_0139	-	carboxylesterase/phospholipase family protein
YP_513602.1	YP_513602.1	FTL_0882	-	apolipoprotein N-acyltransferase
YP_514336.1	YP_514336.1	FTL_1705	<i>ftsK</i>	cell division protein
YP_513101.1	YP_513101.1	FTL_0309	<i>aceE</i>	pyruvate dehydrogenase subunit E1
YP_514364.1	YP_514364.1	FTL_1733	-	oxidoreductase iron/ascorbate family protein
YP_513629.1	YP_513629.1	FTL_0916	-	ketol-acid reductoisomerase
YP_513729.1	YP_513729.1	FTL_1028	-	radical SAM superfamily protein
YP_512987.1	YP_512987.1	FTL_0192	-	cytochrome O ubiquinol oxidase subunit I
YP_513613.1	YP_513613.1	FTL_0894	<i>lon</i>	DNA-binding, ATP-dependent protease La
YP_514516.1	YP_514516.1	FTL_1906	<i>lpxC</i>	UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514303.1	YP_514303.1	FTL_1668	<i>msbA</i>	lipid A transport protein ABC transporter ATP-binding protein/permease
YP_514424.1	YP_514424.1	FTL_1799	-	F0F1 ATP synthase subunit B
YP_513261.1	YP_513261.1	FTL_0489	<i>glyQ</i>	glycyl-tRNA synthetase subunit alpha
YP_513457.1	YP_513457.1	FTL_0706	<i>wyz</i>	predicted O-antigen ligase
YP_512829.1	YP_512829.1	FTL_0020	<i>aspS</i>	aspartyl-tRNA synthetase
YP_513426.1	YP_513426.1	FTL_0674	<i>panB</i>	3-methyl-2-oxobutanoate hydroxymethyltransferase
YP_513198.1	YP_513198.1	FTL_0426	-	DNA topoisomerase I
YP_513122.1	YP_513122.1	FTL_0334	-	TolB protein precursor
YP_514168.1	YP_514168.1	FTL_1521	-	chitinase family 18 protein
YP_513050.1	YP_513050.1	FTL_0255	<i>rplO</i>	50S ribosomal protein L15
YP_514068.1	YP_514068.1	FTL_1413	<i>spoT</i>	guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase/(p)ppGpp synthase
YP_513981.1	YP_513981.1	FTL_1310	<i>ndk</i>	nucleoside diphosphate kinase
YP_514125.1	YP_514125.1	FTL_1474	<i>greA</i>	transcription elongation factor GreA
YP_514043.1	YP_514043.1	FTL_1388	-	L-aspartate oxidase
YP_514524.1	YP_514524.1	FTL_1914	<i>ripA</i>	hypothetical protein
YP_514563.1	YP_514563.1	FTL_1967	-	trp operon repressor
YP_513275.1	YP_513275.1	FTL_0506	<i>lpxH</i>	UDP-2,3-diacylglucosamine hydrolase
YP_513880.1	YP_513880.1	FTL_1197	<i>pheS</i>	phenylalanyl-tRNA synthetase subunit alpha
YP_514419.1	YP_514419.1	FTL_1794	<i>atpC</i>	F0F1 ATP synthase subunit epsilon
YP_512811.1	YP_512811.1	FTL_0001	<i>dnaA</i>	chromosomal replication initiation protein
YP_513259.1	YP_513259.1	FTL_0487	-	maltodextrin phosphorylase
YP_513975.1	YP_513975.1	FTL_1304	-	glutamate--cysteine ligase
YP_514260.1	YP_514260.1	FTL_1621	-	ABC transporter ATP-binding
YP_513797.1	YP_513797.1	FTL_1110	-	hypothetical protein
YP_513121.1	YP_513121.1	FTL_0333	-	hypothetical protein
YP_513494.1	YP_513494.1	FTL_0745	-	excinuclease ABC subunit B
YP_513229.1	YP_513229.1	FTL_0457	-	cold shock protein
YP_514003.1	YP_514003.1	FTL_1338	-	alanine racemase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514169.1	YP_514169.1	FTL_1522	-	2-amino-3-ketobutyrate coenzyme A ligase
YP_514307.1	YP_514307.1	FTL_1672	-	AcrB/AcrD/AcrF family transporter
YP_512888.1	YP_512888.1	FTL_0087	-	acetyltransferase protein
YP_513256.1	YP_513256.1	FTL_0484	<i>pgm</i>	phosphoglucomutase
YP_513569.1	YP_513569.1	FTL_0847	<i>yajC</i>	preprotein translocase family protein
YP_514464.1	YP_514464.1	FTL_1842	<i>gatA</i>	aspartyl/glutamyl-tRNA amidotransferase subunit A
YP_514088.1	YP_514088.1	FTL_1433	-	arabinose phosphate isomerase
YP_514241.1	YP_514241.1	FTL_1602	-	delta-aminolevulinic acid dehydratase
YP_513505.1	YP_513505.1	FTL_0760	-	C32 tRNA thiolase
YP_513205.1	YP_513205.1	FTL_0433	-	ribosomal large subunit methyltransferase J
YP_514375.1	YP_514375.1	FTL_1744	<i>rpoB</i>	DNA-directed RNA polymerase subunit beta
YP_514103.1	YP_514103.1	FTL_1448	<i>uvrC</i>	excinuclease ABC subunit C
YP_513759.1	YP_513759.1	FTL_1062	-	3-deoxy-D-manno-octulosonate 8-phosphate phosphatase
YP_514222.1	YP_514222.1	FTL_1583	<i>gadC</i>	glutamate:gamma-aminobutyric acid antiporter family protein, putative glutamate transporter
YP_513185.1	YP_513185.1	FTL_0412	<i>murB</i>	UDP-N-acetylenolpyruvoylglucosamine reductase
YP_513147.1	YP_513147.1	FTL_0371	-	hypothetical protein
YP_513758.1	YP_513758.1	FTL_1061	-	inorganic pyrophosphatase
YP_514230.1	YP_514230.1	FTL_1591	<i>accC</i>	Acetyl-CoA carboxylase, biotin carboxylase subunit
YP_513596.1	YP_513596.1	FTL_0876	-	hypothetical protein
YP_513468.1	YP_513468.1	FTL_0717	<i>rne</i>	ribonuclease E
YP_514434.1	YP_514434.1	FTL_1809	<i>infB</i>	translation initiation factor IF-2
YP_512996.1	YP_512996.1	FTL_0201	-	hypothetical protein
YP_513079.1	YP_513079.1	FTL_0286	-	hypothetical protein
YP_513623.1	YP_513623.1	FTL_0904	<i>hflC</i>	protease modulator HflC
YP_514306.1	YP_514306.1	FTL_1671	-	RND efflux transporter
YP_512841.1	YP_512841.1	FTL_0033	<i>pyrC</i>	dihydroorotase
YP_514283.1	YP_514283.1	FTL_1644	-	glycerol kinase
YP_513286.1	YP_513286.1	FTL_0517	-	ABC transporter ATP-binding protein
YP_513998.1	YP_513998.1	FTL_1332	-	hesB family protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514013.1	YP_514013.1	FTL_1350	-	glycyl-tRNA synthetase subunit beta
YP_514240.1	YP_514240.1	FTL_1601	-	tRNA/rRNA methyltransferase
YP_513634.1	YP_513634.1	FTL_0921	-	endonuclease III
YP_514410.1	YP_514410.1	FTL_1785	<i>sdhB</i>	succinate dehydrogenase iron-sulfur subunit
YP_513282.1	YP_513282.1	FTL_0513	-	hypothetical protein
YP_514183.1	YP_514183.1	FTL_1537	<i>pnp</i>	polynucleotide phosphorylase/polyadenylase
YP_514074.1	YP_514074.1	FTL_1419	-	cyanophycinase
YP_512851.1	YP_512851.1	FTL_0043	-	chorismate mutase
YP_513559.1	YP_513559.1	FTL_0837	<i>metIQ</i>	D-methionine binding transport protein, ABC transporter, membrane and periplasmic protein
YP_513115.1	YP_513115.1	FTL_0327	<i>ispH</i>	4-hydroxy-3-methylbut-2-enyl diphosphate reductase
YP_514073.1	YP_514073.1	FTL_1418	-	asparaginase
YP_513829.1	YP_513829.1	FTL_1143	<i>rpmF</i>	50S ribosomal protein L32
YP_513714.1	YP_513714.1	FTL_1013	-	hypothetical protein
YP_512819.1	YP_512819.1	FTL_0009	-	outer membrane protein
YP_513999.1	YP_513999.1	FTL_1333	-	selenocysteine lyase
YP_513551.1	YP_513551.1	FTL_0829	-	glycerophosphoryl diester phosphodiesterase
YP_513441.1	YP_513441.1	FTL_0690	-	Acyl-CoA synthetase (long-chain-fatty-acid--CoA ligase)
YP_514372.1	YP_514372.1	FTL_1741	-	putative DNA-binding/iron metalloprotein/AP endonuclease
YP_513828.1	YP_513828.1	FTL_1142	-	putative glycerol-3-phosphate acyltransferase PlsX
YP_514409.1	YP_514409.1	FTL_1784	<i>sucA</i>	2-oxoglutarate dehydrogenase E1 component
YP_513425.1	YP_513425.1	FTL_0673	<i>panC</i>	pantoate-beta-alanine ligase
YP_513769.1	YP_513769.1	FTL_1072	-	1-deoxy-D-xylulose-5-phosphate synthase
YP_513009.1	YP_513009.1	FTL_0214	-	L-lactate dehydrogenase
YP_513370.1	YP_513370.1	FTL_0610	<i>rho</i>	transcription termination factor Rho
YP_514484.1	YP_514484.1	FTL_1867	-	protease yegQ
YP_514352.1	YP_514352.1	FTL_1721	<i>prfA</i>	peptide chain release factor 1
YP_512874.1	YP_512874.1	FTL_0070	<i>rpsT</i>	30S ribosomal protein S20
YP_514331.1	YP_514331.1	FTL_1700	-	Sodium/proline permease
YP_513891.1	YP_513891.1	FTL_1208	<i>dcd</i>	deoxycytidine triphosphate deaminase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514408.1	YP_514408.1	FTL_1783	<i>sucB</i>	dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex
YP_513890.1	YP_513890.1	FTL_1207	-	MRP like protein
YP_514518.1	YP_514518.1	FTL_1908	-	cell division protein FtsA
YP_514220.1	YP_514220.1	FTL_1581	-	lipoprotein
YP_513823.1	YP_513823.1	FTL_1137	-	3-oxoacyl-ACP synthase
YP_514024.1	YP_514024.1	FTL_1363	-	hypothetical protein
YP_514047.1	YP_514047.1	FTL_1392	<i>deaD</i>	cold-shock DEAD-box protein A
YP_514540.1	YP_514540.1	FTL_1939	-	outer membrane lipoprotein
YP_512889.1	YP_512889.1	FTL_0088	-	acetyltransferase protein
YP_513142.1	YP_513142.1	FTL_0359	-	Type IV pili fiber building block protein
YP_513199.1	YP_513199.1	FTL_0427	-	chromosome partition protein A
YP_514562.1	YP_514562.1	FTL_1966	-	anthranilate synthase component I
YP_513321.1	YP_513321.1	FTL_0555	<i>truB</i>	tRNA pseudouridine synthase B
YP_513875.1	YP_513875.1	FTL_1192	-	chaperone protein DnaJ
YP_513488.1	YP_513488.1	FTL_0739	-	tRNA uridine 5-carboxymethylaminomethyl modification protein GidA
YP_513308.1	YP_513308.1	FTL_0539	-	UDP-N-acetylglucosamine acyltransferase
YP_514561.1	YP_514561.1	FTL_1963	-	hypothetical protein
YP_514517.1	YP_514517.1	FTL_1907	-	cell division protein FtsZ
YP_513143.1	YP_513143.1	FTL_0360	-	heat shock protein HtpX
YP_514428.1	YP_514428.1	FTL_1803	<i>ileP</i>	major facilitator transporter, isoleucine transporter
YP_513553.1	YP_513553.1	FTL_0831	-	cyanophycin synthetase
YP_513506.1	YP_513506.1	FTL_0761	<i>smpB</i>	SsrA-binding protein
YP_514407.1	YP_514407.1	FTL_1782	<i>apt</i>	adenine phosphoribosyltransferase
YP_513919.1	YP_513919.1	FTL_1239	<i>ffh</i>	signal recognition particle protein, Ffh
YP_513529.1	YP_513529.1	FTL_0797	-	Type IV pili associated protein
YP_513816.1	YP_513816.1	FTL_1129	-	acetyltransferase
YP_513643.1	YP_513643.1	FTL_0930	<i>ruvC</i>	Holliday junction resolvase
YP_513640.1	YP_513640.1	FTL_0927	-	lipoyl synthase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513945.1	YP_513945.1	FTL_1274	<i>bioC</i>	biotin synthesis protein BioC
YP_513862.1	YP_513862.1	FTL_1179	<i>hfp</i>	ribosome hibernation-promoting factor
YP_512999.1	YP_512999.1	FTL_0204	-	hypothetical protein
YP_513873.1	YP_513873.1	FTL_1190	-	heat shock protein GrpE
YP_513538.1	YP_513538.1	FTL_0806	-	amino acid transporter family protein
YP_513977.1	YP_513977.1	FTL_1306	-	hypothetical protein
YP_513622.1	YP_513622.1	FTL_0903	<i>hflK</i>	FtsH protease activity modulator
YP_514437.1	YP_514437.1	FTL_1812	<i>hemE</i>	uroporphyrinogen decarboxylase
YP_513051.1	YP_513051.1	FTL_0256	<i>secY</i>	preprotein translocase subunit SecY
YP_514142.1	YP_514142.1	FTL_1491	-	seryl-tRNA synthetase
YP_513169.1	YP_513169.1	FTL_0396	<i>purCD</i>	fusion protein PurC/PurD
YP_513025.1	YP_513025.1	FTL_0230	<i>dut</i>	deoxyuridine 5'-triphosphate nucleotidohydrolase
YP_512986.1	YP_512986.1	FTL_0191	-	cytochrome O ubiquinol oxidase subunit II
YP_514053.1	YP_514053.1	FTL_1398	-	hypothetical protein
YP_513255.1	YP_513255.1	FTL_0483	<i>glgB</i>	glycogen branching protein
YP_513710.1	YP_513710.1	FTL_1004	-	D-alanyl-D-alanine carboxypeptidase
YP_512882.1	YP_512882.1	FTL_0078	-	riboflavin biosynthesis protein ribD
YP_514404.1	YP_514404.1	FTL_1779	<i>secG</i>	preprotein translocase subunit SecG
YP_514242.1	YP_514242.1	FTL_1603	-	RNA-binding protein
YP_514443.1	YP_514443.1	FTL_1821	-	NADH dehydrogenase I subunit J
YP_514482.1	YP_514482.1	FTL_1865	-	outer membrane protein tolC
YP_514406.1	YP_514406.1	FTL_1781	<i>glmM</i>	phosphoglucosamine mutase
YP_513090.1	YP_513090.1	FTL_0298	-	hypothetical protein
YP_512975.1	YP_512975.1	FTL_0180	<i>htrB</i>	acyltransferase
YP_514231.1	YP_514231.1	FTL_1592	<i>accB</i>	Acetyl-CoA carboxylase, biotin carboxyl carrier protein subunit
YP_512903.1	YP_512903.1	FTL_0104	-	hypothetical protein
YP_513924.1	YP_513924.1	FTL_1244	-	exodeoxyribonuclease III
YP_513757.1	YP_513757.1	FTL_1060	<i>dacD</i>	D-alanyl-D-alanine carboxypeptidase
YP_512983.1	YP_512983.1	FTL_0188	-	cytochrome d terminal oxidase, polypeptide subunit II

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_512868.1	YP_512868.1	FTL_0060	-	hypothetical protein
YP_514236.1	YP_514236.1	FTL_1597	-	organic solvent tolerance protein
YP_514200.1	YP_514200.1	FTL_1554	<i>sucD</i>	succinyl-CoA synthetase, alpha subunit
YP_514232.1	YP_514232.1	FTL_1593	<i>aroD</i>	3-dehydroquinate dehydratase
YP_512832.1	YP_512832.1	FTL_0024	-	serine transporter
YP_513761.1	YP_513761.1	FTL_1064	-	hypothetical protein
YP_513716.1	YP_513716.1	FTL_1015	-	AhpC/TSA family protein
YP_513200.1	YP_513200.1	FTL_0428	-	chromosome partition protein B
YP_513641.1	YP_513641.1	FTL_0928	-	isoprenoid biosynthesis protein with amidotransferase-like domain
YP_513603.1	YP_513603.1	FTL_0883	-	metal ion transporter protein
YP_513196.1	YP_513196.1	FTL_0424	-	lipoprotein
YP_514026.1	YP_514026.1	FTL_1365	-	hypothetical protein
YP_513466.1	YP_513466.1	FTL_0715	<i>thyA</i>	thymidylate synthase
YP_513451.1	YP_513451.1	FTL_0700	-	lipoprotein
YP_513730.1	YP_513730.1	FTL_1029	-	Type IV pili lipoprotein
YP_514430.1	YP_514430.1	FTL_1805	-	ATPase
YP_513232.1	YP_513232.1	FTL_0460	-	hypothetical protein
YP_514333.1	YP_514333.1	FTL_1702	-	hypothetical protein
YP_513161.1	YP_513161.1	FTL_0388	-	cation transporter
YP_513495.1	YP_513495.1	FTL_0746	-	hypothetical protein
YP_513996.1	YP_513996.1	FTL_1330	<i>coaD</i>	phosphopantetheine adenylyltransferase
YP_512948.1	YP_512948.1	FTL_0150	-	lipoprotein releasing system, subunit B, outer membrane lipoprotein
YP_513547.1	YP_513547.1	FTL_0822	-	hypothetical protein
YP_513211.1	YP_513211.1	FTL_0439	-	hypothetical protein
YP_513726.1	YP_513726.1	FTL_1025	<i>rpsR</i>	30S ribosomal protein S18
YP_514175.1	YP_514175.1	FTL_1528	-	major facilitator transporter
YP_513253.1	YP_513253.1	FTL_0481	-	shikimate 5-dehydrogenase
YP_513179.1	YP_513179.1	FTL_0406	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513827.1	YP_513827.1	FTL_1141	-	3-oxoacyl-ACP synthase
YP_514280.1	YP_514280.1	FTL_1641	-	hypothetical protein
YP_513074.1	YP_513074.1	FTL_0281	-	heat shock protein, hsp40
YP_513250.1	YP_513250.1	FTL_0478	-	glycine cleavage system H protein
YP_514076.1	YP_514076.1	FTL_1421	-	haloacid dehalogenase-like hydrolase family protein
YP_514219.1	YP_514219.1	FTL_1580	-	hypothetical protein
YP_513760.1	YP_513760.1	FTL_1063	-	hypothetical protein
YP_514119.1	YP_514119.1	FTL_1468	-	ATP-dependent metalloprotease
YP_514115.1	YP_514115.1	FTL_1464	-	ATP-dependent metalloprotease
YP_513260.1	YP_513260.1	FTL_0488	-	4-alpha-glucanotransferase
YP_514191.1	YP_514191.1	FTL_1545	-	glutamine amidotransferase subunit PdxT
YP_514224.1	YP_514224.1	FTL_1585	-	single-stranded-DNA-specific exonuclease
YP_513262.1	YP_513262.1	FTL_0490	-	UDP-N-acetylmuramoylalanyl-D-glutamate--2,6-diaminopimelate ligase
YP_513868.1	YP_513868.1	FTL_1185	<i>mglA</i>	macrophage growth locus subunit A
YP_513770.1	YP_513770.1	FTL_1073	-	hypothetical protein
YP_513598.1	YP_513598.1	FTL_0878	-	DNA/RNA endonuclease family protein, DNA/RNA endonuclease G
YP_514558.1	YP_514558.1	FTL_1960	-	peptide methionine sulfoxide reductase MsrA
YP_514338.1	YP_514338.1	FTL_1707	-	hypothetical protein
YP_513036.1	YP_513036.1	FTL_0241	<i>rplV</i>	50S ribosomal protein L22
YP_513353.1	YP_513353.1	FTL_0593	<i>wbtB</i>	galactosyl transferase
YP_513390.1	YP_513390.1	FTL_0637	-	hypothetical protein
YP_514098.1	YP_514098.1	FTL_1443	-	hypothetical protein
YP_513531.1	YP_513531.1	FTL_0799	-	Type IV pili lipoprotein
YP_514126.1	YP_514126.1	FTL_1475	<i>fimT</i>	Type IV pili fiber building block protein
YP_513117.1	YP_513117.1	FTL_0329	<i>pssA</i>	CDP-alcohol phosphatidyltransferase
YP_514353.1	YP_514353.1	FTL_1722	-	glutamyl-tRNA reductase
YP_513482.1	YP_513482.1	FTL_0731	-	YhhQ family protein
YP_514177.1	YP_514177.1	FTL_1531	<i>rumA</i>	23S rRNA 5-methyluridine methyltransferase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514065.1	YP_514065.1	FTL_1410	<i>murG</i>	undecaprenyldiphospho-muramoylpentapeptide beta-N-acetylglucosaminyltransferase
YP_514541.1	YP_514541.1	FTL_1940	-	trp repressor binding protein
YP_513732.1	YP_513732.1	FTL_1031	-	hypothetical protein
YP_513442.1	YP_513442.1	FTL_0691	-	proton-dependent oligopeptide transport (POT) family protein
YP_514167.1	YP_514167.1	FTL_1520	<i>upp</i>	uracil phosphoribosyltransferase
YP_514273.1	YP_514273.1	FTL_1634	-	LysR family transcriptional regulator
YP_514086.1	YP_514086.1	FTL_1431	-	sugar transferase
YP_514509.1	YP_514509.1	FTL_1899	-	glutamine synthetase
YP_513444.1	YP_513444.1	FTL_0693	-	hypothetical protein
YP_513089.1	YP_513089.1	FTL_0297	-	hypothetical protein
YP_513874.1	YP_513874.1	FTL_1191	<i>dnaK</i>	molecular chaperone DnaK
YP_513039.1	YP_513039.1	FTL_0244	-	50S ribosomal protein L29
YP_514405.1	YP_514405.1	FTL_1780	-	triosephosphate isomerase
YP_513361.1	YP_513361.1	FTL_0601	<i>wbtI</i>	sugar transamine/perosamine synthetase
YP_513625.1	YP_513625.1	FTL_0906	<i>engB</i>	ribosome biogenesis GTP-binding protein YsxC
YP_514182.1	YP_514182.1	FTL_1536	-	iron-sulfur cluster insertion protein ErpA
YP_513916.1	YP_513916.1	FTL_1236	<i>infA</i>	translation initiation factor IF-1
YP_514433.1	YP_514433.1	FTL_1808	-	ribosome-binding factor A
YP_513309.1	YP_513309.1	FTL_0540	<i>lpxB</i>	lipid-A-disaccharide synthase
YP_513765.1	YP_513765.1	FTL_1068	<i>truA</i>	tRNA pseudouridine synthase A
YP_514425.1	YP_514425.1	FTL_1800	-	F ₀ F ₁ ATP synthase subunit C
YP_513150.1	YP_513150.1	FTL_0374	-	DNA repair protein RadA
YP_513496.1	YP_513496.1	FTL_0747	-	glutamate racemase
YP_514302.1	YP_514302.1	FTL_1667	<i>lpxK</i>	tetraacyldisaccharide 4'-kinase
YP_513978.1	YP_513978.1	FTL_1307	-	nucleotide-binding protein, yjeE
YP_513364.1	YP_513364.1	FTL_0604	<i>wbtK</i>	glycosyltransferase
YP_514477.1	YP_514477.1	FTL_1860	<i>purL</i>	phosphoribosylformylglycinamide synthase
YP_514285.1	YP_514285.1	FTL_1646	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514079.1	YP_514079.1	FTL_1424	-	glycosyl transferase family protein
YP_514422.1	YP_514422.1	FTL_1797	-	FOF1 ATP synthase subunit alpha
YP_513762.1	YP_513762.1	FTL_1065	-	ABC transporter ATP-binding protein
YP_513616.1	YP_513616.1	FTL_0897	<i>miaA</i>	tRNA delta(2)-isopentenylpyrophosphate transferase
YP_513322.1	YP_513322.1	FTL_0556	<i>rnr</i>	ribonuclease R
YP_514067.1	YP_514067.1	FTL_1412	-	recombination protein RecR
YP_514463.1	YP_514463.1	FTL_1841	<i>gatB</i>	aspartyl/glutamyl-tRNA amidotransferase subunit B
YP_513254.1	YP_513254.1	FTL_0482	-	pullulanase
YP_512894.1	YP_512894.1	FTL_0093	<i>chiB</i>	chitinase
YP_513508.1	YP_513508.1	FTL_0763	-	hypothetical protein
YP_514481.1	YP_514481.1	FTL_1864	-	hypothetical protein
YP_513383.1	YP_513383.1	FTL_0627	<i>rhtB</i>	threonine efflux protein
YP_513042.1	YP_513042.1	FTL_0247	<i>rplX</i>	50S ribosomal protein L24
YP_513794.1	YP_513794.1	FTL_1107	-	hypothetical protein
YP_513733.1	YP_513733.1	FTL_1032	-	ribosomal-protein-alanine acetyltransferase
YP_513343.1	YP_513343.1	FTL_0583	-	acetyl-CoA acetyltransferase
YP_514519.1	YP_514519.1	FTL_1909	-	cell division protein FtsQ
YP_514399.1	YP_514399.1	FTL_1772	-	aconitate hydratase
YP_513078.1	YP_513078.1	FTL_0285	-	GTP pyrophosphokinase
YP_513575.1	YP_513575.1	FTL_0853	-	hypothetical protein
YP_513979.1	YP_513979.1	FTL_1308	-	bifunctional folylpolyglutamate synthase/ dihydrofolate synthase
YP_514055.1	YP_514055.1	FTL_1400	-	hypothetical protein
YP_514429.1	YP_514429.1	FTL_1804	-	ribosomal large subunit pseudouridine synthase C
YP_513789.1	YP_513789.1	FTL_1097	<i>fipA</i>	Macrophage infectivity potentiator, fragment, FipA
YP_512949.1	YP_512949.1	FTL_0151	<i>ipk</i>	4-diphosphocytidyl-2-C-methyl-D-erythritol kinase
YP_513725.1	YP_513725.1	FTL_1024	<i>rpsF</i>	30S ribosomal protein S6
YP_513349.1	YP_513349.1	FTL_0589	-	hypothetical protein
YP_512929.1	YP_512929.1	FTL_0131	-	branched-chain amino acid aminotransferase
YP_513149.1	YP_513149.1	FTL_0373	-	hypothetical protein

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514454.1	YP_514454.1	FTL_1832	<i>fsIA</i>	hypothetical protein
YP_512938.1	YP_512938.1	FTL_0140	<i>hemC</i>	porphobilinogen deaminase
YP_513454.1	YP_513454.1	FTL_0703	<i>glyA</i>	serine hydroxymethyltransferase
YP_513289.1	YP_513289.1	FTL_0520	<i>minC</i>	septum site-determining protein MinC
YP_514084.1	YP_514084.1	FTL_1429	-	glycosyl transferases group 1 family protein
YP_514173.1	YP_514173.1	FTL_1526	-	cell division protein
YP_513707.1	YP_513707.1	FTL_1001	-	hypothetical protein
YP_513934.1	YP_513934.1	FTL_1258	-	aldo/keto reductase
YP_513755.1	YP_513755.1	FTL_1058	<i>lipB</i>	lipoate-protein ligase B
YP_513670.1	YP_513670.1	FTL_0959	<i>pilD</i>	Type IV pili leader peptidase and methylase.
YP_514247.1	YP_514247.1	FTL_1608	-	hypothetical protein
YP_513722.1	YP_513722.1	FTL_1021	-	hypothetical protein
YP_513942.1	YP_513942.1	FTL_1271	<i>bioA</i>	adenosylmethionine-8-amino-7-oxononanoate aminotransferase
YP_514082.1	YP_514082.1	FTL_1427	-	hypothetical protein
YP_513576.1	YP_513576.1	FTL_0854	-	ribonuclease H
YP_513844.1	YP_513844.1	FTL_1160	<i>iglD</i>	intracellular growth locus, subunit D
YP_512912.1	YP_512912.1	FTL_0114	<i>iglD</i>	intracellular growth locus, subunit D
YP_514235.1	YP_514235.1	FTL_1596	<i>surA</i>	peptidyl-prolyl cis-trans isomerase
YP_513571.1	YP_513571.1	FTL_0849	<i>secF</i>	preprotein translocase subunit SecF
YP_514180.1	YP_514180.1	FTL_1534	-	uridine kinase
YP_514108.1	YP_514108.1	FTL_1453	<i>rplU</i>	50S ribosomal protein L21
YP_514525.1	YP_514525.1	FTL_1915	-	putative acyltransferase
YP_513021.1	YP_513021.1	FTL_0226	<i>pyrH</i>	uridylate kinase
YP_514061.1	YP_514061.1	FTL_1406	-	translation initiation factor IF-3
YP_513826.1	YP_513826.1	FTL_1140	-	malonyl CoA-acyl carrier protein transacylase
YP_514368.1	YP_514368.1	FTL_1737	<i>rimM</i>	16S rRNA-processing protein RimM
YP_513319.1	YP_513319.1	FTL_0553	<i>lepB</i>	signal peptidase I
YP_514174.1	YP_514174.1	FTL_1527	<i>eno</i>	phosphopyruvate hydratase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514411.1	YP_514411.1	FTL_1786	-	succinate dehydrogenase, catalytic and NAD/flavoprotein subunit
YP_514432.1	YP_514432.1	FTL_1807	<i>hisS</i>	histidyl-tRNA synthetase
YP_514334.1	YP_514334.1	FTL_1703	<i>lysP</i>	lysine:H ⁺ symporter
YP_514512.1	YP_514512.1	FTL_1902	-	hypothetical protein
YP_514124.1	YP_514124.1	FTL_1473	<i>uvrA</i>	DNA excision repair protein subunit A
YP_513528.1	YP_513528.1	FTL_0796	-	hypothetical protein
YP_513651.1	YP_513651.1	FTL_0938	-	histidine decarboxylase
YP_514445.1	YP_514445.1	FTL_1823	-	NADH dehydrogenase I subunit H
YP_514298.1	YP_514298.1	FTL_1663	<i>deoC</i>	deoxyribose-phosphate aldolase
YP_513509.1	YP_513509.1	FTL_0764	-	lipoprotein
YP_514325.1	YP_514325.1	FTL_1694	-	hypothetical protein
YP_512842.1	YP_512842.1	FTL_0034	-	hypothetical protein
YP_513605.1	YP_513605.1	FTL_0885	-	phoH-like protein
YP_514300.1	YP_514300.1	FTL_1665	-	pantothenate kinase
YP_513573.1	YP_513573.1	FTL_0851	-	RNA polymerase factor sigma-32
YP_512931.1	YP_512931.1	FTL_0133	<i>feoB</i>	ferrous iron transport protein
YP_513350.1	YP_513350.1	FTL_0590	-	ATp-dependent helicase
YP_513453.1	YP_513453.1	FTL_0702	<i>prim</i>	hypothetical protein
YP_514414.1	YP_514414.1	FTL_1789	-	citrate synthase
YP_514225.1	YP_514225.1	FTL_1586	-	biotin--acetyl-CoA-carboxylase ligase
YP_514081.1	YP_514081.1	FTL_1426	-	hypothetical protein
YP_513865.1	YP_513865.1	FTL_1182	<i>rnhB</i>	ribonuclease HII
YP_513334.1	YP_513334.1	FTL_0574	-	hypothetical protein
YP_512961.1	YP_512961.1	FTL_0166	-	universal stress protein
YP_513443.1	YP_513443.1	FTL_0692	-	16S ribosomal RNA methyltransferase RsmE
YP_513464.1	YP_513464.1	FTL_0713	-	PP-loop family protein
YP_513607.1	YP_513607.1	FTL_0887	-	o-methyltransferase family protein
YP_513412.1	YP_513412.1	FTL_0660	<i>feoA</i>	ferrous iron transport protein A
YP_513728.1	YP_513728.1	FTL_1027	-	replicative DNA helicase

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_513791.1	YP_513791.1	FTL_1101	-	hypothetical protein
YP_512823.1	YP_512823.1	FTL_0013	<i>recX</i>	regulatory protein recX
YP_513027.1	YP_513027.1	FTL_0232	<i>rpsL</i>	30S ribosomal protein S12
YP_514544.1	YP_514544.1	FTL_1943	-	primosomal protein N'
YP_512824.1	YP_512824.1	FTL_0014	<i>ssb</i>	single-strand binding protein
YP_513228.1 YP_514021.1_s hared	YP_513228.1_YP_514021.1_s hared	FTL_0456 and FTL_1360	<i>rpsU1</i> and <i>rpsU3</i>	30S ribosomal protein S21-1 and 30S ribosomal protein S21-3
YP_514436.1	YP_514436.1	FTL_1811	-	hypothetical protein
YP_514145.1	YP_514145.1	FTL_1494	-	hypothetical protein
YP_514132.1	YP_514132.1	FTL_1481	-	YjgP/YjgQ family permease
YP_513970.1	YP_513970.1	FTL_1299	-	hypothetical protein
YP_514457.1	YP_514457.1	FTL_1835	<i>fsID</i>	hypothetical protein
YP_513503.1	YP_513503.1	FTL_0755	-	hypothetical protein
YP_513120.1	YP_513120.1	FTL_0332	-	TolR protein
YP_514054.1	YP_514054.1	FTL_1399	-	3-deoxy-manno-octulosonate cytidyltransferase
YP_514234.1	YP_514234.1	FTL_1595	<i>ksgA</i>	dimethyladenosine transferase
YP_513156.1	YP_513156.1	FTL_0380	-	superoxide dismutase (Cu-Zn) precursor
YP_513436.1	YP_513436.1	FTL_0685	-	NH(3)-dependent NAD(+) synthetase
YP_514381.2	YP_514381.2	FTL_1750	<i>secE</i>	preprotein translocase subunit SecE
YP_513864.1	YP_513864.1	FTL_1181	-	SpoU rRNA methylase family protein
YP_513825.1	YP_513825.1	FTL_1139	-	3-oxoacyl-(acyl-carrier-protein) reductase
YP_512881.1	YP_512881.1	FTL_0077	-	riboflavin synthase subunit alpha
YP_513931.1	YP_513931.1	FTL_1251	<i>dptA</i>	proton-dependent oligopeptide transport (POT) family protein
YP_514416.1	YP_514416.1	FTL_1791	-	superoxide dismutase
YP_512974.1	YP_512974.1	FTL_0179	<i>ddg</i>	acyltransferase
YP_513490.1	YP_513490.1	FTL_0741	-	hypothetical protein
YP_514044.1	YP_514044.1	FTL_1389	-	nicotinate-nucleotide pyrophosphorylase
YP_512955.1	YP_512955.1	FTL_0159	-	hydrolase subunit

Protein Metadata				
id	Protein IDs	Locus	Gene Name	Protein Name
YP_514346.1	YP_514346.1	FTL_1715	<i>groES</i>	co-chaperonin GroES
YP_514049.1	YP_514049.1	FTL_1394	<i>galP2</i>	major facilitator superfamily galactose-proton symporter
YP_513867.1	YP_513867.1	FTL_1184	-	ClpXP protease specificity-enhancing factor
YP_513320.1	YP_513320.1	FTL_0554	<i>rnc</i>	ribonuclease III
YP_513340.1	YP_513340.1	FTL_0580	-	hypothetical protein
YP_513609.1	YP_513609.1	FTL_0890	-	thymidine kinase
YP_512970.1	YP_512970.1	FTL_0175	<i>rpmH</i>	50S ribosomal protein L34
YP_514066.1	YP_514066.1	FTL_1411	-	hypothetical protein
YP_514172.1	YP_514172.1	FTL_1525	-	2-C-methyl-D-erythritol 4-phosphate cytidyltransferase
YP_514033.1	YP_514033.1	FTL_1372	-	lipoprotein
YP_514507.1	YP_514507.1	FTL_1897	-	outer membrane lipoprotein
YP_514456.1	YP_514456.1	FTL_1834	<i>fslC</i>	diaminopimelate decarboxylase
YP_514403.1	YP_514403.1	FTL_1776	-	hypothetical protein
YP_514363.1	YP_514363.1	FTL_1732	-	acid phosphatase
YP_513415.1	YP_513415.1	FTL_0663	-	hypothetical protein
YP_513633.1	YP_513633.1	FTL_0920	-	hypothetical protein
YP_513617.1	YP_513617.1	FTL_0898	<i>hfq</i>	host factor I for bacteriophage Q beta replication
YP_513822.1	YP_513822.1	FTL_1136	-	hypothetical protein
YP_514493.1	YP_514493.1	FTL_1880	-	potassium-transporting ATPase C chain
YP_512942.1	YP_512942.1	FTL_0144	-	hypothetical protein
YP_514339.1	YP_514339.1	FTL_1708	<i>tkrH</i>	potassium uptake protein

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513747.1	32.3	32.3	32.7	32.2	33.1	33.0	0.0	0.0	0.0	33.7	32.4
YP_513580.1	18.6	16.2	16.9	17.7	18.0	17.1	0.0	19.1	0.0	18.4	17.0
YP_513220.1	18.4	14.7	18.2	14.8	16.3	18.2	0.0	16.6	16.7	18.2	18.0
YP_513851.1	23.5	23.8	23.5	23.1	22.9	23.2	22.4	21.0	20.3	24.3	23.6
YP_512919.1	23.5	23.8	23.5	23.1	22.9	23.2	22.4	21.0	20.3	24.3	23.6
YP_514254.1	25.7	26.0	25.4	25.8	25.1	25.0	22.9	24.1	23.8	24.5	26.1
YP_513010.1	23.2	23.1	22.8	23.2	23.2	22.6	21.0	20.9	21.6	22.0	22.7
YP_513017.1	25.2	25.3	25.3	25.3	25.2	25.0	23.2	23.6	23.5	25.1	25.0
YP_513601.1	21.7	20.7	21.5	21.3	20.6	20.8	19.7	20.4	18.4	21.6	21.2
YP_513628.1	22.0	18.2	16.4	20.3	16.9	18.9	17.4	14.5	19.3	14.5	20.0
YP_514496.1	26.9	27.0	26.8	27.1	26.6	26.7	25.2	25.5	24.7	26.1	27.1
YP_513787.1	30.0	30.0	30.1	30.0	30.2	30.0	28.7	28.5	28.8	30.3	30.1
YP_514317.1	25.0	25.4	25.0	25.5	24.6	24.8	24.0	23.9	23.4	24.4	25.3
YP_513786.1	24.3	24.3	23.9	24.2	24.0	23.7	22.2	23.0	23.0	24.0	23.9
YP_514023.1	24.6	23.2	21.2	21.3	21.0	24.6	21.1	20.1	23.6	20.8	24.0
YP_513363.1	24.4	24.4	24.4	24.4	24.3	24.0	23.5	23.6	22.0	23.0	24.6
YP_514324.1	19.4	20.4	20.9	19.5	20.0	20.9	19.4	19.4	17.8	19.0	19.4
YP_513465.1	26.7	26.5	26.6	26.6	26.4	26.4	25.3	25.3	25.1	26.4	26.5
YP_513000.1	18.2	16.8	19.0	17.2	18.1	16.2	18.4	16.9	14.6	18.0	16.1
YP_513080.1	23.9	24.3	24.3	24.2	24.5	24.3	23.0	23.1	22.4	24.0	23.8
YP_514527.1	20.6	20.6	20.4	20.6	19.4	20.5	18.9	19.0	19.7	19.2	19.7
YP_514530.1	24.5	24.6	24.4	24.5	24.3	24.1	23.2	24.0	22.5	24.0	24.5
YP_512896.1	29.2	28.7	29.2	29.1	29.4	29.6	27.8	27.8	27.7	29.7	29.0
YP_513245.1	27.4	27.5	27.3	27.4	27.3	27.3	26.1	26.2	26.0	27.2	27.5
YP_514476.1	20.4	20.0	20.2	20.1	20.2	19.9	18.5	19.3	19.1	17.6	19.8
YP_512853.1	30.8	30.8	30.9	30.7	30.9	30.8	29.6	29.5	29.5	31.1	30.7
YP_513848.1	30.2	30.2	30.0	30.2	30.0	30.1	29.0	28.9	28.8	30.0	30.3
YP_512916.1	30.2	30.2	30.0	30.2	30.0	30.1	29.0	28.9	28.8	30.0	30.3
YP_513849.1	26.4	26.5	26.1	26.4	25.8	26.3	25.1	25.3	25.0	25.5	26.8
YP_512917.1	26.4	26.5	26.1	26.4	25.8	26.3	25.1	25.3	25.0	25.5	26.8

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513347.1	26.4	26.7	26.9	26.6	26.8	26.9	25.4	25.5	25.7	27.2	26.7	
YP_513542.1	26.3	26.2	26.4	26.0	26.1	26.4	25.1	25.1	25.2	26.6	26.3	
YP_514284.1	22.3	22.9	22.6	23.2	21.8	22.1	21.5	21.9	21.1	21.9	22.9	
YP_512985.1	20.4	19.7	19.8	19.2	18.3	18.5	18.7	19.6	18.1	17.0	16.7	
YP_514131.1	25.6	25.5	25.6	25.7	25.4	25.6	24.5	24.7	24.1	25.2	25.7	
YP_513847.1	27.5	27.5	27.4	27.4	27.4	27.4	26.4	26.3	26.3	27.4	27.7	
YP_512915.1	27.5	27.5	27.4	27.4	27.4	27.4	26.4	26.3	26.3	27.4	27.7	
YP_513137.1	24.3	24.0	23.9	24.3	23.8	20.3	22.7	22.7	23.5	23.3	24.5	
YP_513268.1	22.1	22.3	22.4	22.9	22.1	23.0	21.1	21.9	20.5	21.8	22.3	
YP_513402.1	23.6	23.7	23.3	23.6	23.1	23.3	22.1	22.8	22.5	22.2	23.7	
YP_513471.1	21.5	21.4	21.7	21.0	21.7	21.5	20.0	20.5	21.0	21.5	21.1	
YP_512943.1	25.5	25.0	25.7	25.3	25.3	25.4	24.6	24.5	24.1	25.4	25.5	
YP_513448.1	23.8	24.3	24.3	24.3	23.6	23.7	23.1	23.4	22.8	23.7	23.9	
YP_514358.1	26.1	26.3	26.3	26.3	26.0	26.1	25.4	25.3	24.9	26.1	26.1	
YP_513899.1	27.1	27.0	27.0	27.1	26.9	26.9	25.9	26.1	26.0	26.6	27.0	
YP_514486.1	24.3	24.3	23.9	24.6	23.6	23.5	23.4	23.2	22.9	23.2	24.5	
YP_513856.1	30.0	29.8	29.8	29.8	29.8	29.9	29.0	28.9	28.8	29.7	30.0	
YP_512924.1	30.0	29.8	29.8	29.8	29.8	29.9	29.0	28.9	28.8	29.7	30.0	
YP_513850.1	30.3	30.2	30.1	30.2	30.0	30.2	29.3	29.2	29.2	30.0	30.3	
YP_512918.1	30.3	30.2	30.1	30.2	30.0	30.2	29.3	29.2	29.2	30.0	30.3	
YP_513852.1	26.2	26.2	26.0	26.1	26.0	26.2	25.3	25.1	25.3	26.2	26.4	
YP_512920.1	26.2	26.2	26.0	26.1	26.0	26.2	25.3	25.1	25.3	26.2	26.4	
YP_514064.1	27.8	28.0	28.2	27.9	27.9	27.8	26.9	27.0	27.2	28.8	27.9	
YP_514154.1	33.8	33.9	34.0	33.8	34.1	33.9	33.0	32.7	33.1	34.6	33.8	
YP_513902.1	31.5	31.4	31.3	31.4	31.1	31.2	30.6	30.6	30.3	30.9	31.3	
YP_513486.1	21.3	21.4	21.6	21.6	20.8	20.7	20.7	20.7	20.1	21.3	20.9	
YP_514110.1	25.5	25.6	25.6	25.6	25.3	25.4	24.7	24.6	24.7	25.4	25.5	
YP_514037.1	25.7	25.5	25.2	25.2	25.4	25.2	24.9	24.9	23.9	25.1	24.9	
YP_514415.1	27.8	28.0	27.9	27.9	27.5	27.7	27.1	27.2	26.8	27.3	28.2	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513802.1	30.1	30.2	30.1	30.2	30.1	30.0	29.2	29.3	29.3	29.9	30.1
YP_513452.1	24.8	23.7	24.5	24.3	23.9	24.0	23.4	23.8	23.2	24.6	23.8
YP_513525.1	27.7	27.7	27.7	27.7	27.7	27.7	26.9	27.0	26.7	27.6	27.7
YP_514402.1	25.4	25.7	25.4	25.5	25.4	25.5	24.6	24.8	24.6	25.2	25.5
YP_513855.1	31.0	30.9	30.8	31.0	30.8	31.0	30.2	30.2	29.9	30.6	31.0
YP_512923.1	31.0	30.9	30.8	31.0	30.8	31.0	30.2	30.2	29.9	30.6	31.0
YP_513854.1	27.9	28.0	27.8	27.9	27.8	27.9	27.0	27.2	26.9	28.3	28.1
YP_512922.1	27.9	28.0	27.8	27.9	27.8	27.9	27.0	27.2	26.9	28.3	28.1
YP_513926.1	21.9	22.0	21.4	22.0	21.4	21.6	20.6	21.3	20.8	21.1	21.4
YP_513160.1	33.6	33.5	33.5	33.6	33.6	33.5	32.8	32.6	32.7	33.3	33.6
YP_513018.1	27.6	27.6	27.7	27.7	27.8	27.7	26.9	26.9	26.6	27.6	27.6
YP_513546.1	25.6	25.4	25.5	25.6	25.1	25.3	24.8	25.0	24.2	24.4	25.6
YP_513748.1	28.3	27.9	28.8	28.0	29.3	29.2	27.4	27.1	27.9	30.0	28.2
YP_513887.1	24.4	24.4	24.4	24.4	24.3	24.3	23.5	23.9	23.3	24.1	24.5
YP_514137.1	28.8	28.9	28.7	28.8	28.7	28.5	28.0	27.9	28.0	28.6	28.8
YP_512944.1	30.0	30.2	30.0	30.1	30.1	30.0	29.2	29.4	29.2	29.9	30.2
YP_512846.1	29.4	29.3	29.2	29.1	28.8	29.2	28.5	28.6	28.3	28.8	29.2
YP_513002.1	31.9	31.9	31.8	31.9	31.7	31.8	31.1	31.1	31.0	31.8	31.9
YP_514111.1	24.8	24.9	24.8	25.0	24.7	24.6	24.0	24.1	24.0	24.5	24.8
YP_514133.1	25.1	25.2	25.3	25.1	25.4	25.3	24.5	24.1	24.7	25.5	25.2
YP_512897.1	29.0	29.0	28.8	28.9	28.9	28.9	28.2	28.2	28.2	28.9	28.9
YP_514471.1	21.2	20.2	20.3	20.5	19.5	19.3	19.5	20.2	19.6	19.4	20.2
YP_513392.1	25.0	25.1	25.0	25.0	25.0	25.0	24.3	24.5	23.9	24.6	25.1
YP_513896.1	29.3	29.3	29.1	29.2	29.0	29.1	28.5	28.5	28.3	29.0	29.2
YP_513929.1	28.9	29.0	28.9	29.0	28.7	28.8	28.1	28.3	28.1	28.9	29.1
YP_513595.1	30.7	30.8	30.7	30.8	30.5	30.6	29.9	30.2	29.8	30.2	30.7
YP_513843.1	34.9	34.9	34.7	34.8	34.6	34.5	34.4	34.1	33.8	34.5	34.7
YP_512911.1	34.9	34.9	34.7	34.8	34.6	34.5	34.4	34.1	33.8	34.5	34.7
YP_512837.1	32.4	32.5	32.2	32.4	32.2	32.3	31.7	31.6	31.5	32.0	32.3
YP_513183.1	26.7	26.7	26.5	26.8	26.4	26.5	26.0	26.1	25.6	25.9	26.6

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_514504.1	31.7	31.8	31.5	31.7	31.4	31.5	30.9	31.0	30.8	31.4	31.7	
YP_513988.1	31.7	31.8	31.5	31.7	31.4	31.5	30.9	31.0	30.8	31.4	31.7	
YP_513059.1	31.7	31.8	31.5	31.7	31.4	31.5	30.9	31.0	30.8	31.4	31.7	
YP_513447.1	27.2	27.2	27.1	27.2	27.1	27.1	26.3	26.8	26.3	26.7	27.1	
YP_512838.1	30.7	30.5	30.7	30.7	30.6	30.6	29.9	30.0	29.8	30.3	30.7	
YP_513244.1	28.9	28.9	28.8	28.9	28.8	28.8	28.3	28.1	28.1	28.6	28.7	
YP_512872.1	26.2	26.4	25.8	26.1	26.3	26.4	25.8	24.7	25.9	27.1	26.1	
YP_514019.1	28.3	28.4	28.2	28.4	28.1	28.2	27.6	27.8	27.5	28.1	28.4	
YP_513792.1	25.8	26.1	25.9	26.2	25.6	25.6	25.3	25.6	24.8	25.2	25.7	
YP_512887.1	26.0	26.1	26.0	26.1	25.9	26.1	25.4	25.4	25.3	25.9	26.0	
YP_513428.1	28.5	28.7	28.6	28.6	28.6	28.5	27.9	27.8	28.0	28.5	28.5	
YP_513785.1	29.8	29.7	29.6	29.7	29.4	29.6	29.0	29.2	28.8	29.1	29.8	
YP_513846.1	31.9	31.6	31.8	31.6	31.5	31.8	31.2	31.1	30.9	31.8	32.0	
YP_512914.1	31.9	31.6	31.8	31.6	31.5	31.8	31.2	31.1	30.9	31.8	32.0	
YP_513083.1	24.8	24.8	24.8	24.9	24.6	24.8	24.3	24.0	24.1	24.7	24.9	
YP_513669.1	26.8	26.9	26.7	26.8	26.4	26.6	26.1	26.2	26.0	26.3	26.7	
YP_512836.1	29.7	29.7	29.6	29.7	29.6	29.7	28.9	29.0	29.0	29.5	29.7	
YP_513111.1	23.7	23.7	23.8	23.7	23.5	23.4	23.3	23.1	22.7	22.6	23.8	
YP_513109.1	32.1	32.0	32.3	32.0	32.2	32.1	30.8	31.4	32.1	33.5	31.8	
YP_512854.1	28.2	28.0	28.2	28.2	28.2	28.1	27.5	27.3	27.5	28.2	27.9	
YP_513968.1	23.8	24.0	24.3	24.2	24.3	23.6	23.3	23.3	23.5	24.5	23.9	
YP_513964.1	26.3	26.4	26.6	26.3	26.5	26.4	25.6	25.6	26.0	27.3	26.5	
YP_512865.1	23.2	21.9	23.2	22.2	23.0	23.1	22.1	22.5	21.7	22.4	23.0	
YP_513911.1	30.1	30.1	30.1	30.0	30.1	30.0	29.4	29.5	29.4	29.9	30.0	
YP_513773.1	25.9	26.2	25.9	26.1	25.9	25.8	25.3	25.4	25.3	25.6	26.2	
YP_513806.1	27.9	28.0	28.0	28.1	28.0	28.0	27.4	27.3	27.3	27.7	27.9	
YP_513221.1	26.6	26.6	26.4	26.6	26.5	26.6	25.7	25.8	26.1	26.9	26.9	
YP_514492.1	24.7	24.7	24.7	24.8	24.9	24.9	23.7	24.4	24.1	24.7	24.9	
YP_513639.1	26.1	26.2	26.3	26.5	26.7	26.2	25.4	25.9	25.4	26.6	26.3	
YP_513928.1	29.3	29.4	29.4	29.3	29.4	29.4	28.8	28.7	28.8	29.6	29.4	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_514189.1	28.2	28.2	28.1	28.2	28.1	28.1	27.6	27.6	27.4	27.9	28.1	
YP_513886.1	26.3	26.3	26.1	26.2	25.8	25.9	25.7	25.8	25.3	25.6	26.0	
YP_513510.1	25.8	25.9	25.6	25.9	25.6	25.5	25.3	25.5	24.7	24.9	26.0	
YP_514205.1	17.3	18.0	17.3	18.7	17.2	17.9	17.1	17.5	16.2	0.0	17.5	
YP_513938.1	25.6	25.5	25.5	25.8	25.6	25.4	25.0	25.0	24.8	25.4	25.6	
YP_513433.1	30.7	30.5	30.8	30.6	30.8	30.8	30.1	30.3	29.9	30.4	30.7	
YP_514192.1	32.0	32.1	32.0	32.2	31.9	32.0	31.4	31.6	31.3	31.9	32.2	
YP_513599.1	30.6	30.6	30.5	30.6	30.4	30.5	29.9	30.1	29.9	30.4	30.8	
YP_513011.1	27.7	27.8	27.8	27.7	27.8	27.7	27.0	27.2	27.2	27.6	27.7	
YP_513070.1	25.2	25.2	25.0	25.2	25.0	24.9	24.5	24.5	24.6	24.9	25.1	
YP_513469.1	26.0	26.0	25.9	25.9	25.7	25.8	25.5	25.5	25.2	25.8	26.0	
YP_514134.1	24.9	25.3	25.1	25.3	25.2	25.1	24.4	24.8	24.5	24.9	24.9	
YP_512964.1	26.7	26.8	26.6	26.7	26.4	26.3	26.2	26.2	25.9	26.0	26.5	
YP_514014.1	22.1	22.2	22.2	22.4	22.2	21.9	21.6	21.8	21.3	20.9	22.0	
YP_513539.1	24.6	24.8	24.6	24.9	23.7	24.3	24.3	24.1	23.8	24.0	24.8	
YP_513140.1	29.8	29.9	29.9	29.8	29.7	29.8	29.2	29.3	29.3	29.7	29.8	
YP_513168.1	29.1	29.3	29.1	29.2	29.1	29.2	28.6	28.7	28.5	29.1	29.2	
YP_513159.1	28.9	29.0	29.3	29.0	29.2	28.8	28.4	28.1	28.9	30.4	28.9	
YP_513676.1	29.8	29.9	29.9	29.9	29.9	29.9	29.3	29.3	29.3	29.9	29.9	
YP_513368.1	28.6	28.6	28.5	28.6	28.5	28.6	28.0	28.1	28.0	28.3	28.6	
YP_513269.1	26.5	26.5	26.4	26.3	26.0	26.1	25.9	25.9	25.9	25.6	26.3	
YP_512857.1	27.7	27.7	27.7	27.6	27.6	27.7	27.1	27.3	27.1	27.7	27.6	
YP_512826.1	30.7	30.8	30.6	30.8	30.5	30.6	30.1	30.4	29.9	30.2	30.8	
YP_514514.1	27.9	28.0	28.2	27.9	28.1	28.0	27.4	27.5	27.5	28.5	28.0	
YP_513423.1	32.4	32.6	32.2	32.5	32.2	32.3	31.8	31.9	31.7	31.9	32.5	
YP_513359.1	27.8	27.7	27.9	27.8	27.9	27.9	27.3	27.3	27.2	28.0	27.8	
YP_513472.1	27.7	27.7	27.7	27.8	27.5	27.6	27.2	27.4	26.8	27.5	27.8	
YP_512936.1	24.8	25.0	24.9	24.8	24.8	24.8	24.4	24.4	24.2	25.1	24.7	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513235.1	28.1	28.3	28.2	28.3	28.1	28.1	27.8	27.7	27.5	27.9	28.2
YP_513737.1	26.9	26.8	26.9	26.7	26.7	26.8	26.3	26.4	26.2	26.7	27.0
YP_513939.1	30.2	30.3	30.3	30.3	30.2	30.4	29.7	29.8	29.7	30.2	30.4
YP_513155.1	28.1	27.9	28.3	28.0	28.7	28.6	27.7	27.3	27.8	29.2	28.2
YP_513912.1	30.6	30.7	30.5	30.5	30.4	30.5	30.0	30.1	30.0	30.3	30.5
YP_514559.1	26.4	26.4	26.9	26.4	26.8	26.5	25.7	25.8	26.5	28.1	25.8
YP_514508.1	24.8	24.9	24.9	25.0	25.0	24.9	24.4	24.4	24.1	24.8	25.0
YP_513841.1	32.9	32.8	32.6	32.8	32.8	32.7	32.3	32.3	32.2	32.6	32.8
YP_512909.1	32.9	32.8	32.6	32.8	32.8	32.7	32.3	32.3	32.2	32.6	32.8
YP_514046.1	29.1	29.4	29.1	29.2	29.0	29.0	28.6	28.7	28.7	29.4	29.2
YP_514128.1	26.7	26.7	26.4	26.5	26.2	26.3	25.9	26.2	26.2	26.3	26.5
YP_513982.1	30.6	30.7	30.7	30.6	30.7	30.6	30.2	30.2	30.1	30.7	30.6
YP_513249.1	31.4	31.5	31.4	31.5	31.3	31.4	31.0	31.0	30.8	31.2	31.5
YP_514196.1	27.4	27.6	27.6	27.6	27.5	27.6	27.1	27.0	27.0	27.8	27.6
YP_513842.1	34.4	34.3	34.1	34.3	34.0	34.2	33.8	33.8	33.6	33.8	34.4
YP_512910.1	34.4	34.3	34.1	34.3	34.0	34.2	33.8	33.8	33.6	33.8	34.4
YP_513277.1	26.7	26.8	26.7	26.8	26.6	26.7	26.2	26.3	26.3	26.5	26.8
YP_514441.1	25.6	26.0	25.5	26.1	25.0	25.4	25.1	25.4	25.0	25.0	25.7
YP_513683.1	27.1	27.2	27.1	27.0	27.0	27.0	26.5	26.9	26.5	26.8	27.1
YP_513805.1	30.1	30.2	30.2	30.1	30.2	30.1	29.7	29.7	29.6	30.2	30.0
YP_513709.1	27.2	27.0	27.3	27.1	27.5	27.3	26.6	26.7	26.7	27.6	27.1
YP_513958.1	29.6	29.7	29.5	29.6	29.4	29.5	29.1	29.2	29.1	29.3	29.6
YP_514515.1	28.1	28.0	27.9	28.0	28.0	27.9	27.5	27.6	27.5	27.9	27.9
YP_513339.1	24.9	25.0	24.7	24.8	24.7	24.5	24.3	24.7	24.1	24.4	24.6
YP_513393.1	25.4	25.6	25.6	25.4	25.5	25.5	24.9	25.4	24.9	25.1	25.4
YP_514209.1	27.4	27.3	27.4	27.5	27.2	27.4	26.8	27.1	26.8	27.1	27.4
YP_513587.1	28.9	29.1	29.0	29.0	28.8	28.8	28.6	28.8	28.2	28.7	29.1

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513438.1	28.2	28.1	28.0	28.2	27.8	28.0	27.6	27.9	27.5	27.7	28.1	
YP_513331.1	30.9	30.9	30.8	30.8	30.8	30.8	30.4	30.5	30.3	30.6	30.9	
YP_512899.1	27.3	27.4	27.3	27.4	27.2	27.5	26.9	27.0	26.7	27.0	27.4	
YP_514453.1	29.8	30.0	29.9	29.9	29.8	29.8	29.4	29.6	29.4	30.0	29.9	
YP_513446.1	29.7	29.7	29.6	29.7	29.5	29.6	29.2	29.4	29.1	29.5	29.7	
YP_512893.1	28.4	28.4	28.3	28.4	28.3	28.2	27.9	28.0	27.9	28.2	28.5	
YP_514291.1	28.0	28.1	28.1	28.1	28.2	28.2	27.7	27.6	27.6	28.2	28.2	
YP_513445.1	27.1	27.1	27.2	27.2	27.2	27.2	26.9	26.6	26.6	27.4	27.2	
YP_513684.1	25.3	25.3	25.2	25.2	25.1	25.2	24.8	24.8	24.9	24.8	25.1	
YP_513870.1	31.8	32.0	31.8	32.0	31.8	31.9	31.3	31.8	31.2	31.7	32.0	
YP_514153.1	29.0	29.0	28.8	29.0	28.9	28.8	28.6	28.6	28.3	28.7	28.9	
YP_513456.1	26.1	26.3	26.2	26.3	26.0	26.1	25.8	25.8	25.7	26.0	26.1	
YP_513470.1	25.5	25.7	25.5	25.7	25.6	25.6	25.2	25.0	25.2	26.0	25.6	
YP_513745.1	26.6	26.6	26.7	26.8	26.5	26.6	26.2	26.2	26.2	26.4	26.8	
YP_513845.1	28.4	28.3	28.2	28.3	28.2	28.3	27.9	27.9	27.8	28.4	28.4	
YP_512913.1	28.4	28.3	28.2	28.3	28.2	28.3	27.9	27.9	27.8	28.4	28.4	
YP_514071.1	30.4	30.4	30.3	30.3	30.1	30.1	29.9	30.0	29.8	30.1	30.3	
YP_514006.1	25.5	25.4	25.4	25.4	25.6	25.5	25.0	25.1	24.8	25.2	25.3	
YP_513693.1	29.2	29.2	29.5	29.2	29.5	29.4	28.7	28.9	29.0	29.6	29.3	
YP_513925.1	25.4	25.2	25.4	25.3	25.2	25.1	24.6	25.2	24.9	25.1	25.2	
YP_513088.1	22.6	22.7	22.4	22.7	22.4	22.2	22.3	22.7	21.4	20.3	22.2	
YP_513803.1	21.6	21.9	21.9	21.2	21.2	21.4	20.9	21.2	22.1	20.3	21.9	
YP_513005.1	31.8	31.8	31.9	31.8	31.8	31.9	31.4	31.5	31.3	31.7	31.8	
YP_513459.1	27.1	27.4	27.1	26.9	27.1	27.3	26.8	27.0	26.5	26.7	27.0	
YP_513091.1	26.8	26.7	26.8	26.7	26.9	26.7	26.3	26.2	26.4	27.1	26.7	
YP_513096.1	24.3	24.3	24.0	24.3	24.3	24.1	23.9	23.8	23.5	23.9	24.4	
YP_513332.1	32.3	32.3	32.2	32.2	32.3	32.2	31.8	31.8	31.9	32.5	32.3	
YP_513029.1	34.7	34.7	34.9	34.7	34.9	34.9	34.3	34.5	34.2	34.3	34.8	
YP_514357.1	28.7	28.6	28.7	28.6	28.9	28.9	28.3	28.2	28.2	28.8	28.6	
YP_513910.1	30.5	30.6	30.6	30.5	30.6	30.6	30.1	30.1	30.2	30.6	30.5	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513288.1	33.2	33.1	33.0	33.1	33.0	33.0	32.7	32.8	32.6	32.7	33.1
YP_513372.1	29.6	29.6	29.4	29.5	29.3	29.3	29.1	29.2	29.0	29.3	29.5
YP_513857.1	27.3	27.3	27.4	27.3	27.1	27.0	27.0	27.1	26.6	26.8	27.3
YP_513535.1	27.6	27.6	27.8	27.4	27.7	27.6	27.0	27.2	27.6	28.0	27.5
YP_514536.1	28.2	28.4	28.2	28.3	28.1	28.3	27.8	28.0	27.8	27.9	28.3
YP_512825.1	28.7	28.9	28.7	28.8	28.7	28.7	28.3	28.4	28.4	28.7	28.7
YP_513352.1	31.1	31.1	31.0	31.1	30.9	31.1	30.7	30.7	30.6	30.8	31.0
YP_513701.1	28.0	28.1	27.9	28.0	27.8	27.8	27.6	27.8	27.5	27.6	28.0
YP_513238.1	29.1	29.2	29.1	29.2	29.1	29.0	28.8	28.8	28.6	28.7	29.1
YP_512898.1	28.7	28.7	28.7	28.7	28.8	28.9	28.5	27.9	28.4	29.3	28.8
YP_513858.1	28.5	28.6	28.5	28.5	28.5	28.4	28.0	28.2	28.2	28.5	28.6
YP_513974.2	29.7	30.1	30.2	29.8	30.1	30.1	29.4	29.5	29.9	30.5	29.5
YP_513909.1	28.6	28.6	28.5	28.6	28.7	28.7	28.3	28.2	28.2	28.8	28.6
YP_514129.1	33.3	33.3	33.2	33.3	33.4	33.4	32.9	32.9	32.9	33.2	33.2
YP_513231.1	29.5	29.5	29.5	29.4	29.5	29.6	29.1	29.2	29.1	29.4	29.6
YP_513533.1	31.2	31.3	31.3	31.3	31.4	31.3	30.9	31.0	30.9	31.3	31.3
YP_513744.1	28.5	28.5	28.4	28.5	28.4	28.3	28.0	28.2	28.1	28.5	28.6
YP_513317.1	27.3	27.3	27.4	27.3	27.3	27.3	27.0	27.0	26.9	27.2	27.3
YP_512966.1	23.8	24.5	23.6	23.8	23.8	23.9	23.4	23.8	23.6	23.5	24.3
YP_513532.1	29.0	29.1	29.0	29.0	28.8	28.8	28.6	28.7	28.6	28.8	28.9
YP_513057.1	33.6	33.7	33.6	33.6	33.5	33.5	33.3	33.3	33.2	33.6	33.6
YP_513692.1	31.0	31.1	31.0	30.9	30.9	30.9	30.6	30.7	30.6	30.7	30.9
YP_514310.1	30.1	29.8	29.9	29.9	29.8	29.9	29.5	29.5	29.6	30.0	29.9
YP_513033.1	32.8	33.0	33.1	32.9	33.0	33.0	32.5	32.5	32.8	33.4	32.9
YP_513167.1	28.8	28.9	28.8	28.8	28.9	28.9	28.5	28.3	28.6	29.1	28.7
YP_514393.1	28.1	28.2	28.1	28.3	28.0	28.1	27.9	27.9	27.6	27.7	28.1

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514248.1	27.9	27.9	27.9	28.0	27.7	27.7	27.6	27.6	27.4	27.5	27.9
YP_514188.1	31.1	31.2	31.1	31.1	31.0	31.0	30.8	30.8	30.7	30.8	31.1
YP_512994.1	29.7	29.5	29.7	29.7	29.7	29.7	29.2	29.3	29.4	30.1	29.8
YP_513997.1	28.1	28.2	28.3	28.0	28.2	28.1	27.7	28.1	27.7	28.2	28.0
YP_513932.1	26.9	26.8	27.1	27.0	26.8	27.1	26.7	26.6	26.5	26.4	26.4
YP_513346.1	29.7	29.8	29.7	29.7	29.6	29.8	29.4	29.5	29.3	29.6	29.8
YP_514316.1	29.3	29.6	29.4	29.5	29.3	29.3	29.1	29.1	29.1	29.3	29.5
YP_513819.1	29.2	28.7	29.4	28.9	29.5	29.6	28.7	28.8	28.6	29.2	29.0
YP_512848.1	26.3	26.3	26.3	26.2	26.2	26.4	26.0	26.1	25.8	25.8	26.3
YP_514278.1	27.1	27.1	27.0	27.1	26.9	27.0	26.9	26.9	26.4	26.6	27.2
YP_514015.1	24.6	24.4	24.9	24.6	24.6	24.9	23.9	25.2	23.8	25.7	24.7
YP_513086.1	29.1	29.1	29.0	29.1	29.1	29.1	28.8	28.8	28.7	28.9	29.2
YP_513113.1	31.0	31.0	30.9	31.0	30.9	31.1	30.6	30.7	30.5	30.9	31.1
YP_513356.1	32.0	32.0	31.8	31.9	31.8	31.8	31.5	31.7	31.5	31.5	31.8
YP_514535.1	30.5	30.4	30.3	30.5	30.3	30.4	30.1	30.0	30.1	30.3	30.4
YP_514138.1	28.6	28.6	28.6	28.7	28.6	28.6	28.3	28.3	28.2	28.4	28.6
YP_514451.1	27.8	27.8	27.7	27.8	27.8	27.9	27.6	27.7	27.0	27.6	27.9
YP_514221.1	28.7	28.8	28.7	28.8	28.8	28.8	28.4	28.4	28.3	28.8	28.7
YP_513281.1	26.8	26.9	27.0	26.9	27.0	27.0	26.5	26.5	26.8	27.9	26.9
YP_513032.1	32.7	32.8	32.7	32.8	32.6	32.6	32.3	32.4	32.5	33.0	32.7
YP_512947.1	27.2	27.0	27.0	27.0	26.9	26.7	26.7	26.5	26.9	28.0	27.0
YP_514078.1	27.2	27.0	26.9	27.2	27.0	27.1	26.8	26.6	26.8	27.2	27.2
YP_513354.1	29.9	29.9	29.8	29.9	29.7	29.8	29.6	29.6	29.4	29.7	29.9
YP_513943.1	32.1	31.9	31.9	32.1	31.9	31.9	31.6	31.7	31.6	31.7	32.0
YP_513035.1	32.4	32.5	32.5	32.4	32.7	32.5	32.1	32.2	32.1	33.0	32.5
YP_514160.1	31.3	31.3	31.3	31.3	31.3	31.2	30.9	31.0	31.0	31.3	31.3
YP_513234.1	29.4	29.4	29.2	29.4	29.2	29.2	29.0	29.0	29.0	29.3	29.2
YP_514315.1	30.6	30.6	30.7	30.5	30.7	30.7	30.3	30.3	30.3	30.6	30.6

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513908.1	31.4	31.4	31.7	31.4	31.7	31.7	31.1	30.9	31.5	32.7	31.5	
YP_513246.1	28.8	28.7	28.6	28.7	28.4	28.6	28.4	28.6	28.1	28.0	28.7	
YP_513087.1	33.5	33.4	33.3	33.5	33.2	33.4	33.1	33.2	33.0	33.0	33.4	
YP_513953.1	26.4	26.2	26.3	26.2	26.4	26.4	25.9	26.0	26.0	26.2	26.1	
YP_514158.1	25.0	24.5	25.1	24.9	24.4	25.2	24.6	24.5	24.5	25.2	25.0	
YP_513536.1	26.9	26.9	27.3	26.8	27.4	27.3	26.6	26.4	27.0	28.7	26.9	
YP_513209.1	27.8	27.8	27.6	27.7	27.7	27.6	27.3	27.6	27.3	27.4	27.7	
YP_513905.1	21.9	21.8	22.3	22.5	22.0	22.0	21.3	22.2	21.5	21.2	21.7	
YP_513304.1	27.0	26.9	27.0	27.0	26.8	26.9	26.7	26.8	26.5	26.6	27.1	
YP_514048.1	33.2	33.3	33.4	33.3	33.5	33.5	33.0	32.8	33.2	34.3	33.2	
YP_514418.1	30.1	30.2	30.2	30.1	30.2	30.2	29.8	29.7	30.0	30.6	30.1	
YP_513485.1	26.8	26.8	26.7	26.7	26.7	26.8	26.3	26.3	26.7	27.0	26.7	
YP_513192.1	29.9	30.0	30.0	30.0	29.9	29.9	29.6	29.8	29.5	29.9	30.0	
YP_514377.1	33.6	33.6	33.4	33.5	33.2	33.3	33.2	33.3	33.1	33.4	33.6	
YP_514293.1	31.2	31.2	31.3	31.2	31.2	31.2	30.9	31.1	30.8	31.4	31.2	
YP_513527.1	32.3	32.2	32.4	32.2	32.3	32.3	32.0	32.0	31.9	32.2	32.2	
YP_513740.1	27.7	27.6	27.8	27.6	27.9	27.9	27.3	27.2	27.7	28.9	27.7	
YP_514147.1	27.4	27.5	27.4	27.5	27.3	27.3	27.1	27.4	26.9	26.9	27.4	
YP_513108.1	27.8	27.4	28.1	27.6	28.2	28.2	27.5	27.4	27.5	28.4	27.8	
YP_513293.1	25.6	25.7	25.6	25.6	25.4	25.7	25.5	25.4	25.2	25.3	25.4	
YP_513914.1	26.5	26.6	26.5	26.6	26.0	26.2	26.2	26.4	26.1	26.0	26.4	
YP_513907.1	30.8	30.9	30.9	30.8	30.7	30.7	30.5	30.5	30.6	31.1	30.9	
YP_513223.1	29.5	29.4	29.6	29.4	29.5	29.5	29.2	29.3	29.2	29.9	29.3	
YP_514444.1	29.1	29.2	29.1	29.2	29.0	29.0	28.8	28.9	28.8	29.1	29.0	
YP_514447.1	31.3	31.3	31.3	31.3	31.3	31.3	31.0	31.2	30.9	31.1	31.2	
YP_513427.1	31.7	31.6	31.4	31.7	31.5	31.5	31.3	31.4	31.2	31.3	31.6	
YP_513662.1	27.9	27.8	27.9	27.9	27.5	27.7	27.7	27.7	27.4	27.3	27.6	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513310.1	28.8	28.6	28.5	28.8	28.5	28.6	28.3	28.4	28.4	28.7	28.6
YP_513667.1	24.8	24.8	24.6	24.6	24.6	24.7	24.6	24.6	24.0	24.1	24.6
YP_514379.1	33.3	33.2	33.3	33.3	33.4	33.2	33.0	33.0	33.0	33.4	33.3
YP_513162.1	28.7	28.8	28.8	28.8	29.0	28.8	28.5	28.5	28.5	28.8	28.7
YP_513264.1	29.9	29.9	29.8	29.9	29.9	29.9	29.5	29.7	29.5	29.5	29.9
YP_514069.1	30.3	30.2	30.3	30.3	30.2	30.2	30.0	30.1	29.9	30.1	30.2
YP_514488.1	28.1	28.2	28.0	28.2	28.0	27.9	27.8	27.8	27.8	27.8	28.3
YP_513038.1	32.8	32.9	33.0	32.8	32.9	32.9	32.6	32.6	32.6	33.2	32.8
YP_513831.1	31.1	30.9	31.0	31.0	31.1	31.1	30.7	30.8	30.6	30.6	31.1
YP_514417.1	30.6	30.6	31.0	30.6	31.1	30.9	30.5	30.2	30.7	32.0	30.6
YP_514051.1	30.0	29.8	30.0	29.9	30.0	30.0	29.6	29.8	29.6	29.7	29.9
YP_514210.1	30.2	29.8	30.3	30.2	30.2	30.1	29.8	29.9	29.7	30.3	30.1
YP_513248.1	29.6	29.6	29.5	29.6	29.4	29.4	29.3	29.4	29.2	29.1	29.5
YP_513561.1	29.1	29.2	29.0	29.2	28.7	28.8	28.8	29.0	28.6	28.7	29.1
YP_513206.1	28.6	28.4	28.4	28.4	28.5	28.4	28.2	28.2	28.2	28.6	28.4
YP_513312.1	28.4	28.5	28.3	28.4	28.3	28.4	28.2	28.2	28.1	28.2	28.5
YP_514253.1	28.7	28.8	28.7	28.7	28.6	28.7	28.4	28.5	28.5	28.6	28.8
YP_513458.1	27.7	27.8	27.7	27.8	27.9	27.9	27.5	27.4	27.5	27.8	27.7
YP_513502.1	27.1	27.2	27.0	27.2	27.1	27.3	26.8	27.0	26.7	26.8	27.0
YP_514059.1	32.4	32.5	32.4	32.4	32.4	32.4	32.1	32.2	32.2	32.9	32.5
YP_512977.1	29.2	29.3	29.3	29.2	29.2	29.1	28.9	29.1	29.0	29.8	29.1
YP_514130.1	31.7	31.7	31.6	31.8	31.6	31.6	31.5	31.5	31.4	31.5	31.7
YP_513807.1	27.3	27.3	27.5	27.2	27.5	27.3	27.0	27.0	27.4	28.6	27.2
YP_513044.1	32.2	32.3	32.3	32.2	32.2	32.2	32.0	32.1	32.0	32.5	32.2
YP_513937.1	25.8	25.7	25.6	25.8	25.8	25.8	25.6	25.3	25.5	25.3	25.6
YP_512840.1	25.7	25.6	25.5	25.9	25.4	25.5	25.3	25.6	25.2	25.3	25.7
YP_513040.1	30.5	30.5	30.4	30.4	30.4	30.3	29.9	30.2	30.5	30.7	30.1
YP_513483.1	25.9	25.9	26.2	26.0	26.0	26.1	26.0	25.6	25.6	26.7	26.1
YP_513217.1	24.3	23.8	24.0	24.3	23.9	23.8	23.6	24.1	23.7	22.9	24.1

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513679.1	29.8	29.9	29.9	29.9	30.0	29.9	29.7	29.7	29.6	29.9	29.9
YP_512930.1	29.5	29.6	29.4	29.5	29.3	29.4	29.2	29.3	29.1	29.0	29.5
YP_514193.1	32.4	32.4	32.4	32.4	32.4	32.4	32.2	32.2	32.1	32.2	32.4
YP_514159.1	28.0	27.8	27.9	28.0	27.6	27.9	27.7	28.0	27.3	27.3	28.0
YP_513894.1	28.4	28.4	28.4	28.4	28.2	28.3	28.2	28.1	28.2	28.9	28.4
YP_513148.1	29.3	29.3	29.2	29.2	29.2	29.2	29.0	29.1	28.9	28.9	29.2
YP_513743.1	27.4	27.5	27.4	27.5	27.2	27.2	27.3	27.2	27.1	27.2	27.3
YP_513357.1	30.9	30.9	30.9	30.9	30.8	30.9	30.7	30.8	30.6	30.5	30.9
YP_513283.1	28.2	28.4	28.4	28.2	28.4	28.4	28.0	28.0	28.3	28.8	28.3
YP_512839.1	26.2	26.2	26.1	26.0	26.1	26.3	25.7	26.2	25.9	26.0	26.2
YP_514474.1	27.0	27.1	26.9	27.0	26.8	26.9	26.6	26.8	26.9	27.1	27.0
YP_513360.1	30.1	30.1	30.0	30.2	30.1	30.1	29.9	29.9	29.7	29.7	30.0
YP_513418.1	26.0	25.6	25.9	25.8	26.1	26.0	25.7	25.5	25.6	26.2	26.1
YP_513467.1	24.7	24.6	24.7	24.7	24.4	24.6	24.4	24.5	24.4	24.6	24.7
YP_513861.1	25.8	25.8	25.7	25.8	25.6	25.6	25.4	25.7	25.5	25.6	25.7
YP_513237.1	26.9	26.9	26.8	26.9	26.7	27.0	26.7	26.6	26.6	27.0	26.9
YP_514185.1	29.1	29.1	29.0	29.0	28.8	28.9	28.8	29.0	28.7	28.6	29.1
YP_513830.1	26.5	26.5	26.4	26.7	26.5	26.8	26.0	26.5	26.3	26.8	26.6
YP_513756.1	29.5	29.6	29.9	29.6	29.8	29.6	29.4	29.3	29.7	30.9	29.7
YP_513853.1	26.2	25.0	26.1	25.7	25.9	26.3	25.6	25.6	25.4	27.0	26.0
YP_512921.1	26.2	25.0	26.1	25.7	25.9	26.3	25.6	25.6	25.4	27.0	26.0
YP_514178.1	30.5	30.6	30.6	30.6	30.5	30.5	30.3	30.4	30.3	30.5	30.6
YP_513711.1	27.2	27.3	27.4	27.3	27.3	27.4	27.0	27.2	27.0	27.2	27.6
YP_513511.1	29.3	29.4	29.4	29.4	29.4	29.3	29.2	29.1	29.1	29.5	29.3
YP_513772.1	30.9	31.0	31.1	30.9	31.0	31.0	30.8	30.7	30.8	31.2	30.9
YP_512968.1	29.0	29.1	28.9	28.9	29.1	29.1	28.8	28.7	28.8	29.1	28.9
YP_514208.1	23.0	22.7	22.7	23.0	22.5	22.9	23.0	22.4	22.3	22.5	22.5
YP_513440.1	27.5	27.6	27.6	27.5	27.6	27.6	27.3	27.4	27.3	27.6	27.5
YP_514387.1	31.3	31.2	31.2	31.2	31.2	31.2	31.0	31.0	30.9	30.9	31.2
YP_514448.1	28.4	28.5	28.7	28.4	28.5	28.5	28.3	28.3	28.4	29.4	28.4

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513746.1	29.5	29.4	29.3	29.3	29.3	29.4	29.2	29.3	29.0	29.2	29.4	
YP_513187.1	29.7	29.7	29.7	29.7	29.8	29.7	29.5	29.4	29.5	29.8	29.7	
YP_514380.1	32.1	32.2	32.3	32.1	32.3	32.2	31.9	32.0	32.0	32.4	32.1	
YP_513642.1	29.4	29.5	29.7	29.5	29.6	29.3	29.3	29.2	29.5	30.6	29.4	
YP_514170.1	30.2	30.2	30.2	30.2	30.2	30.1	30.0	29.9	30.0	30.1	30.2	
YP_512879.1	28.5	28.5	28.5	28.5	28.5	28.4	28.3	28.4	28.3	28.4	28.6	
YP_513030.1	33.9	34.0	33.8	33.9	33.7	33.8	33.6	33.8	33.6	33.6	33.8	
YP_514223.1	23.8	23.4	23.9	24.2	23.0	23.5	23.7	23.9	22.9	23.0	23.8	
YP_513586.1	29.2	28.9	29.2	29.1	29.1	29.1	28.9	29.0	28.8	28.8	29.2	
YP_513460.1	26.6	26.6	26.5	26.6	26.2	26.5	26.3	26.5	26.2	26.3	26.5	
YP_513420.1	27.0	26.9	26.9	26.9	26.9	26.9	26.7	26.8	26.8	27.0	26.8	
YP_513409.1	29.0	28.9	28.8	29.0	28.6	28.8	28.7	28.8	28.5	28.6	29.0	
YP_514195.1	27.6	27.6	27.6	27.5	27.5	27.6	27.4	27.6	27.2	28.1	27.5	
YP_514560.1	26.7	26.6	26.7	26.6	26.8	26.9	26.4	26.4	26.6	27.5	26.7	
YP_513355.1	29.2	29.2	29.1	29.1	29.0	29.0	28.9	29.0	28.9	28.9	29.1	
YP_514446.1	31.6	31.7	31.6	31.6	31.5	31.5	31.3	31.5	31.4	31.6	31.5	
YP_512973.1	30.4	30.5	30.4	30.5	30.2	30.2	30.3	30.3	30.0	30.0	30.5	
YP_514450.1	30.8	30.7	30.8	30.7	30.7	30.8	30.6	30.6	30.5	30.8	30.7	
YP_513107.1	29.1	29.3	29.1	29.2	29.1	28.9	28.9	29.1	28.9	28.9	29.1	
YP_514522.1	34.3	34.3	34.3	34.3	34.3	34.3	34.0	34.1	34.1	34.1	34.3	
YP_514348.1	29.7	29.5	29.6	29.6	29.8	29.8	29.4	29.4	29.3	29.5	29.7	
YP_514332.1	32.1	32.1	32.1	32.2	32.1	32.1	32.0	31.9	31.9	32.0	32.1	
YP_514371.1	28.3	28.3	28.2	28.3	28.1	28.1	28.1	28.1	28.0	28.2	28.3	
YP_513375.1	32.7	32.7	32.7	32.7	32.6	32.6	32.5	32.6	32.4	32.5	32.7	
YP_513871.1	26.9	27.1	26.8	26.9	26.5	26.7	26.6	27.1	26.6	26.3	26.8	
YP_513660.1	32.2	32.4	32.2	32.3	32.1	32.1	32.1	32.2	31.9	31.8	32.2	
YP_513141.1	27.4	27.5	27.3	27.3	27.3	27.3	27.3	27.2	27.1	27.3	27.3	
YP_514083.1	26.6	26.6	26.5	25.6	26.5	26.2	26.2	26.5	26.4	25.5	26.5	
YP_514318.1	25.8	26.0	25.6	26.1	25.8	25.7	25.7	25.7	25.4	25.3	25.8	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
id	WT.1	WT.2	WT.3	.1	.2	.3	.1	.2	.3	.1	.2	
YP_514462.1	29.8	29.8	29.7	29.8	29.7	29.7	29.5	29.7	29.6	29.8	29.7	
YP_514040.1	26.9	27.1	27.3	27.0	27.3	27.3	26.9	26.7	27.1	28.3	27.1	
YP_514279.1	22.4	22.1	22.1	22.5	22.2	22.3	22.1	22.2	21.8	22.5	22.2	
YP_513479.1	27.0	27.1	27.2	27.0	27.1	27.1	27.0	26.9	26.8	27.8	27.1	
YP_514378.1	33.1	33.2	33.1	33.2	33.1	33.1	33.0	33.0	32.9	33.1	33.2	
YP_513610.1	32.5	32.6	32.7	32.5	32.7	32.6	32.4	32.4	32.5	33.2	32.5	
YP_513031.1	31.8	31.6	32.1	31.6	32.3	32.1	31.6	31.6	31.8	32.7	31.9	
YP_513694.1	30.3	30.3	30.2	30.3	30.3	30.4	30.0	30.0	30.2	30.7	30.3	
YP_513552.1	28.5	28.5	28.4	28.4	28.3	28.2	28.2	28.4	28.2	28.1	28.5	
YP_514207.1	25.7	25.9	25.8	25.9	25.7	25.6	25.5	25.8	25.5	25.5	25.8	
YP_513653.1	25.9	25.9	25.8	25.8	26.0	25.8	25.5	25.8	25.8	26.1	25.7	
YP_512904.1	33.0	33.0	32.9	33.0	32.8	32.8	32.8	32.9	32.7	32.7	33.0	
YP_512991.1	26.0	26.1	26.1	26.3	26.1	26.0	25.7	26.1	25.8	26.0	26.2	
YP_513774.1	28.5	28.5	28.6	28.5	28.4	28.5	28.3	28.4	28.3	28.5	28.4	
YP_514022.1	23.4	23.9	24.5	24.2	24.7	24.4	23.8	23.3	24.1	25.9	23.5	
YP_514018.1	29.9	29.9	30.0	29.9	30.0	30.0	29.8	29.7	29.8	30.2	30.0	
YP_513230.1	24.4	24.3	24.1	24.3	24.8	24.7	24.4	23.4	24.4	25.0	24.4	
YP_513048.1	33.3	33.3	33.3	33.2	33.3	33.2	33.2	33.1	33.1	33.5	33.3	
YP_513895.1	31.1	31.2	31.1	31.1	31.1	31.1	31.0	30.9	31.0	31.2	31.1	
YP_514140.1	29.9	29.8	29.8	29.8	29.6	29.8	29.6	29.7	29.6	29.5	29.7	
YP_513396.1	29.8	29.6	29.8	29.7	29.6	29.6	29.5	29.7	29.5	29.5	29.8	
YP_513537.1	32.6	32.6	32.5	32.7	32.5	32.5	32.5	32.5	32.3	32.1	32.6	
YP_513520.1	27.5	27.4	27.6	27.6	27.9	27.8	27.5	27.3	27.3	27.8	27.6	
YP_514243.1	23.7	23.8	23.6	23.7	23.3	23.4	23.7	23.8	23.1	22.7	23.7	
YP_514449.1	31.8	31.8	31.7	31.8	31.6	31.7	31.6	31.8	31.5	31.4	31.8	
YP_513099.1	29.0	29.1	29.1	29.1	29.1	29.1	28.9	28.9	28.9	29.0	29.1	
YP_513413.1	30.5	30.6	30.6	30.6	30.4	30.5	30.4	30.5	30.3	30.2	30.6	
YP_514229.1	29.4	29.5	29.3	29.5	29.1	29.3	29.3	29.3	29.1	29.1	29.3	
YP_514143.1	28.5	28.5	28.5	28.5	28.6	28.6	28.4	28.3	28.3	28.6	28.5	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513421.1	26.4	26.4	26.4	26.5	26.3	26.5	26.2	26.4	26.2	26.1	26.5
YP_514506.1	27.3	27.1	27.2	27.3	27.3	27.2	27.1	27.1	27.0	27.1	27.2
YP_514002.1	29.4	29.5	29.4	29.5	29.4	29.3	29.3	29.3	29.2	29.2	29.4
YP_514276.1	28.8	28.9	28.9	29.0	28.7	28.8	28.6	28.9	28.6	30.1	28.8
YP_514452.1	22.7	23.1	23.1	24.2	23.4	22.8	22.8	22.2	23.4	24.7	25.0
YP_513251.1	30.7	30.8	30.6	30.7	30.6	30.6	30.5	30.6	30.5	30.4	30.8
YP_513500.1	21.0	21.3	21.1	21.8	20.4	21.2	20.4	21.2	21.3	19.9	20.5
YP_514292.1	29.8	29.9	29.7	29.8	29.6	29.7	29.6	29.8	29.5	29.8	29.8
YP_513661.1	33.6	33.6	33.7	33.6	33.6	33.6	33.4	33.5	33.6	34.2	33.5
YP_513285.1	24.3	23.9	23.8	24.2	23.9	23.9	23.8	24.0	23.8	23.5	23.3
YP_514382.1	36.3	36.0	36.3	36.3	36.3	36.3	36.0	36.0	36.0	36.5	36.3
YP_514538.1	26.3	26.3	26.2	26.1	25.7	25.8	26.0	26.3	26.1	25.8	26.1
YP_513252.1	32.2	32.2	32.1	32.3	32.2	32.2	32.0	32.1	32.0	32.2	32.3
YP_513124.1	33.0	32.9	32.8	32.9	32.7	32.8	32.7	32.9	32.7	32.7	32.9
YP_514523.1	26.9	26.9	26.8	26.9	27.0	26.9	26.7	26.7	26.7	26.8	27.0
YP_513276.1	28.6	28.7	28.6	28.7	28.5	28.6	28.5	28.6	28.3	28.3	28.6
YP_514025.1	32.4	32.3	32.3	32.4	32.2	32.3	32.3	32.3	32.1	32.0	32.4
YP_514031.1	26.1	26.1	26.1	26.2	26.1	26.2	26.0	25.7	26.2	26.8	26.0
YP_513980.1	33.0	33.0	33.0	32.9	33.0	33.1	32.9	32.8	32.9	32.8	32.9
YP_513550.1	29.9	30.0	29.9	29.9	29.9	29.9	29.8	29.9	29.7	29.5	29.9
YP_514135.1	23.9	24.8	24.1	24.5	24.3	24.4	24.3	24.1	24.0	23.6	24.4
YP_514252.1	25.7	25.7	25.6	25.7	25.3	25.3	25.6	25.7	25.3	24.6	25.7
YP_513449.1	27.6	26.6	27.5	27.1	27.6	27.6	27.1	27.1	27.2	27.7	27.6
YP_513194.1	34.3	34.4	34.3	34.4	34.0	34.3	34.1	34.4	34.1	33.7	34.3
YP_513316.1	27.0	27.0	26.9	27.0	26.9	26.9	26.8	26.7	27.0	27.4	27.0
YP_513734.1	26.1	26.3	26.0	26.4	26.1	26.0	26.0	25.9	26.0	25.9	26.2
YP_512821.1	30.4	30.5	30.6	30.5	30.4	30.4	30.4	30.4	30.3	30.8	30.5
YP_513114.1	29.5	29.5	29.8	29.5	29.8	29.6	29.5	29.0	29.9	31.3	29.4

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513577.1	26.8	26.8	26.8	26.8	26.7	26.6	26.6	26.9	26.6	26.5	26.9	
YP_514233.1	28.2	28.2	28.1	28.1	28.0	28.1	28.0	28.1	28.0	27.9	28.1	
YP_513153.1	28.8	28.8	28.8	28.8	28.8	28.8	28.7	28.7	28.7	28.4	28.7	
YP_513377.1	24.3	23.9	23.7	23.7	23.5	23.8	24.0	23.7	23.8	23.4	23.7	
YP_513548.1	26.5	26.5	26.6	26.5	26.6	26.6	26.4	26.2	26.6	27.4	26.6	
YP_514295.1	28.5	28.6	28.5	28.6	28.7	28.7	28.4	28.3	28.5	28.5	28.5	
YP_514045.1	30.9	30.8	30.9	30.9	30.9	30.9	30.8	30.7	30.7	30.8	30.9	
YP_513741.1	29.6	29.7	29.5	29.6	29.5	29.4	29.4	29.6	29.4	29.4	29.5	
YP_513556.1	31.6	31.7	31.7	31.5	31.8	31.7	31.6	31.3	31.7	32.0	31.6	
YP_513719.1	28.6	28.7	28.6	28.7	28.6	28.6	28.5	28.6	28.6	28.7	28.6	
YP_513371.1	31.6	31.7	31.9	31.6	31.9	31.8	31.5	31.6	31.8	32.2	31.5	
YP_512812.1	32.7	32.7	32.6	32.7	32.5	32.5	32.6	32.7	32.4	32.1	32.7	
YP_513742.1	31.2	31.2	31.4	31.2	31.3	31.3	31.1	31.2	31.2	31.6	31.2	
YP_512967.1	24.0	23.9	23.9	23.7	23.8	23.7	23.6	24.0	23.8	23.8	23.9	
YP_513512.1	29.4	29.2	29.2	29.3	29.2	29.3	29.2	29.2	29.1	29.3	29.5	
YP_513302.1	31.6	31.5	31.6	31.5	31.6	31.7	31.5	31.6	31.3	31.6	31.7	
YP_514366.1	32.0	32.0	31.9	32.0	31.9	31.9	31.8	31.8	31.9	32.3	31.9	
YP_513171.1	30.8	30.7	30.7	30.7	30.7	30.7	30.6	30.8	30.6	30.4	30.6	
YP_513954.1	30.1	30.1	30.0	30.1	30.1	30.0	30.0	30.0	30.0	29.9	30.1	
YP_513344.1	32.6	32.6	32.4	32.6	32.6	32.6	32.5	32.5	32.3	32.2	32.7	
YP_513216.1	31.2	31.1	31.2	31.3	31.2	31.2	31.1	31.1	31.0	31.1	31.2	
YP_513119.1	30.0	29.9	29.9	29.9	29.8	29.8	29.7	29.9	29.8	29.9	29.9	
YP_513077.1	27.3	27.4	27.5	27.4	27.5	27.4	27.2	27.3	27.3	27.8	27.4	
YP_513085.1	29.9	30.0	30.1	30.0	30.1	30.0	29.8	29.8	30.1	31.0	29.9	
YP_512969.1	29.4	29.4	29.6	29.2	29.8	29.6	28.9	29.0	30.1	31.3	29.2	
YP_513012.1	26.1	26.2	26.2	26.0	26.1	26.0	26.2	25.7	26.2	26.3	26.5	
YP_513225.1	32.0	32.1	32.0	32.1	32.0	32.0	31.9	32.0	31.9	32.0	32.0	
YP_514554.1	30.1	30.0	30.1	30.1	30.1	30.2	30.0	30.0	29.9	29.9	30.2	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_512864.1	27.4	27.2	27.3	27.1	27.4	27.3	27.2	27.2	27.2	27.3	27.2	
YP_513172.1	30.9	30.9	30.9	30.9	30.9	30.9	30.8	30.9	30.8	30.6	30.9	
YP_514062.1	32.0	32.0	31.9	32.0	32.0	32.0	31.9	31.9	31.8	31.8	31.9	
YP_513574.1	30.5	30.3	30.4	30.4	30.3	30.4	30.3	30.5	30.2	29.9	30.4	
YP_512993.1	25.2	25.3	25.2	25.1	25.3	24.9	24.8	25.2	25.5	24.8	25.2	
YP_514277.1	27.5	27.5	27.6	27.5	27.5	27.4	27.4	27.5	27.4	27.5	27.4	
YP_513650.1	28.4	27.6	28.4	27.9	28.3	28.4	28.1	28.1	27.9	28.1	28.4	
YP_513715.1	28.1	28.1	28.1	28.0	28.3	28.5	28.1	27.8	28.1	28.5	28.2	
YP_513476.1	27.9	28.0	28.0	28.0	28.0	27.9	27.8	27.9	27.9	28.1	28.1	
YP_513832.1	33.0	33.1	33.0	33.1	33.0	33.0	33.0	33.0	32.9	33.1	33.0	
YP_513804.1	25.9	26.1	25.8	26.0	25.5	25.7	25.8	26.1	25.7	25.6	26.0	
YP_513540.1	28.9	28.7	28.7	28.8	28.5	28.7	28.6	28.8	28.7	28.7	28.7	
YP_513053.1	33.9	34.0	33.9	33.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	
YP_513731.1	29.6	29.7	29.6	29.6	29.7	29.7	29.6	29.5	29.6	29.8	29.6	
YP_513435.1	18.0	18.4	17.8	18.0	18.5	18.6	18.2	18.2	17.6	16.1	17.9	
YP_513166.1	24.5	24.4	24.5	24.6	24.5	24.4	24.5	24.7	24.1	24.6	24.6	
YP_513654.1	30.2	30.1	30.2	30.1	30.3	30.3	30.1	30.1	30.1	30.3	30.3	
YP_513955.1	29.0	29.1	29.0	28.9	29.0	29.0	29.0	29.0	28.9	28.7	29.0	
YP_512875.1	30.4	30.5	30.4	30.5	30.3	30.3	30.5	30.3	30.4	30.3	30.5	
YP_514244.1	30.9	30.9	30.8	30.9	30.6	30.8	30.8	30.9	30.6	30.4	30.8	
YP_513521.1	28.5	28.5	28.5	28.5	28.5	28.5	28.4	28.4	28.5	28.6	28.5	
YP_512877.1	30.5	30.7	30.5	30.6	30.4	30.5	30.5	30.6	30.4	30.4	30.6	
YP_513298.1	23.3	23.4	23.3	23.6	23.3	23.1	23.5	23.1	23.2	23.1	23.5	
YP_513700.1	28.0	28.1	28.2	28.1	28.1	28.2	28.1	27.9	28.1	28.4	27.9	
YP_513381.1	27.5	27.3	27.4	27.4	27.9	27.9	27.7	27.1	27.2	27.5	27.3	
YP_513611.1	30.7	30.8	30.7	30.8	30.7	30.7	30.6	30.8	30.6	30.4	30.8	
YP_514376.1	34.5	34.4	34.6	34.4	34.5	34.7	34.3	34.2	34.8	35.2	34.3	
YP_513047.1	32.5	32.7	32.6	32.6	32.5	32.5	32.5	32.5	32.6	32.8	32.6	
YP_513652.1	27.7	27.7	27.7	27.7	27.8	27.8	27.7	27.6	27.7	27.8	27.8	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513061.1	34.4	34.5	34.4	34.5	34.4	34.6	34.4	34.6	34.2	34.0	34.5
YP_514354.1	29.7	29.8	29.7	29.8	29.6	29.8	29.8	29.7	29.5	29.6	29.7
YP_514542.1	27.9	28.2	28.5	27.8	28.6	28.4	28.1	27.5	28.8	29.6	27.8
YP_512818.1	28.7	28.8	28.7	28.8	28.7	28.9	28.6	28.9	28.6	29.0	28.8
YP_513675.1	31.6	31.5	31.6	31.7	31.7	31.7	31.4	31.5	31.5	31.7	31.6
YP_513180.1	27.7	27.5	27.6	27.5	27.7	27.7	27.5	27.6	27.4	27.7	27.5
YP_513382.1	25.8	25.8	25.8	25.7	25.7	25.7	25.6	25.9	25.6	25.9	25.7
YP_514435.1	33.0	33.1	32.9	33.1	33.0	32.9	32.9	33.1	32.9	32.8	33.0
YP_513455.1	28.0	28.1	28.2	28.0	28.1	28.0	28.0	28.0	28.0	28.3	28.0
YP_513041.1	31.9	32.0	31.9	32.0	31.9	31.9	32.0	31.7	31.9	32.1	31.9
YP_513630.1	28.0	27.8	27.8	27.7	27.6	27.8	27.7	27.9	27.8	27.4	27.8
YP_513045.1	32.9	32.9	32.9	32.9	32.8	32.8	32.8	32.8	32.8	32.9	32.9
YP_514250.1	30.5	30.3	30.5	30.4	30.2	30.4	30.4	30.6	30.1	30.1	30.4
YP_512971.1	21.8	21.2	20.6	20.8	21.9	21.0	21.4	20.6	21.4	19.5	20.7
YP_514085.1	29.6	29.6	29.6	29.7	29.7	29.7	29.5	29.5	29.7	29.9	29.6
YP_513796.2	30.4	30.4	30.4	30.4	30.3	30.3	30.3	30.3	30.4	30.2	30.3
YP_513139.1	27.5	27.0	27.4	27.4	27.6	27.6	27.3	27.2	27.2	27.8	27.5
YP_513695.1	32.7	32.7	32.7	32.7	32.9	32.9	32.7	32.7	32.6	32.4	32.7
YP_513493.1	28.5	28.6	28.5	28.6	28.5	28.6	28.5	28.6	28.4	28.4	28.6
YP_512984.1	31.1	31.0	31.1	31.1	31.2	31.2	31.1	31.1	31.0	31.2	31.1
YP_513403.1	30.4	30.4	30.4	30.4	30.3	30.3	30.3	30.5	30.3	30.1	30.4
YP_513265.1	26.8	27.1	26.9	26.9	26.7	26.5	26.7	26.7	27.2	28.0	26.9
YP_513314.1	26.6	26.6	26.6	26.5	26.4	26.4	26.5	26.7	26.4	26.0	26.6
YP_513795.1	29.9	29.9	29.8	29.8	29.9	29.9	29.8	29.9	29.8	29.6	29.7
YP_512995.1	29.2	29.4	29.2	29.2	29.1	29.1	29.1	29.4	29.2	29.1	29.2
YP_513944.1	28.7	28.8	28.6	28.6	28.6	28.5	28.7	28.6	28.7	28.4	28.6
YP_512953.1	29.9	30.1	29.9	30.1	29.8	29.9	30.0	30.1	29.8	29.5	30.1
YP_513006.1	22.4	22.4	22.5	22.1	22.1	22.5	22.5	22.5	22.2	22.3	22.3
YP_513882.1	23.9	23.9	24.0	24.2	23.9	24.0	23.9	23.6	24.1	24.8	23.2
YP_513668.1	25.1	25.2	25.1	25.3	25.1	25.1	25.0	25.2	25.1	24.8	24.7

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513210.1	32.5	32.4	32.4	32.5	32.3	32.3	32.4	32.4	32.3	32.1	32.4	
YP_513178.1	29.4	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	
YP_513369.1	28.1	28.1	28.0	28.2	28.1	28.1	28.1	28.1	28.0	27.7	28.1	
YP_513477.1	26.7	26.8	26.7	26.7	26.6	26.6	26.7	26.7	26.6	26.5	26.8	
YP_513046.1	32.6	32.7	32.8	32.8	32.7	32.8	32.8	32.5	32.8	33.0	32.8	
YP_513028.1	34.0	34.1	34.1	34.0	34.1	34.0	34.0	34.0	34.1	34.4	34.0	
YP_513713.1	25.6	25.7	25.6	25.5	25.7	25.8	25.4	25.5	25.8	26.3	25.7	
YP_514534.1	30.3	30.4	30.5	30.3	30.6	30.5	30.3	30.3	30.4	31.0	30.3	
YP_514465.1	29.2	29.5	29.6	29.4	29.4	29.3	29.2	29.6	29.4	29.8	29.4	
YP_513678.1	27.5	27.4	27.5	27.4	27.5	27.5	27.3	27.3	27.7	28.0	27.4	
YP_513690.1	23.9	25.3	24.7	24.4	24.5	24.5	24.7	24.1	25.0	24.6	23.1	
YP_514367.1	27.9	27.9	27.8	27.8	27.9	27.9	27.9	27.8	27.8	27.6	27.8	
YP_513523.1	23.1	23.6	22.9	23.4	23.2	23.3	23.1	23.2	23.1	23.3	23.6	
YP_513226.1	31.2	31.2	31.1	31.1	31.2	31.2	31.2	31.1	31.2	31.2	31.2	
YP_513513.1	31.1	31.1	31.2	31.2	31.2	31.2	31.1	31.2	31.1	31.2	31.2	
YP_513406.1	28.1	28.2	28.4	28.2	28.4	28.3	28.2	28.0	28.3	29.0	28.1	
YP_513727.1	33.2	33.2	33.5	33.2	33.4	33.3	33.2	33.1	33.5	34.2	33.2	
YP_513554.1	31.3	31.1	31.3	31.2	31.3	31.3	31.2	31.3	31.1	31.2	31.4	
YP_513054.1	32.8	32.8	33.0	32.8	33.0	32.9	32.8	32.9	32.8	33.1	32.8	
YP_513306.1	30.2	30.3	30.3	30.2	30.4	30.4	30.4	30.1	30.3	30.4	30.2	
YP_514360.1	28.3	28.4	28.3	28.3	28.2	28.3	28.3	28.4	28.1	27.9	28.3	
YP_513398.1	31.7	31.9	31.7	31.8	31.4	31.6	31.7	31.9	31.6	31.5	31.7	
YP_512876.1	27.6	27.4	27.3	27.5	27.4	27.5	27.4	27.4	27.4	27.3	27.3	
YP_513063.1	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.0	34.7	35.2	
YP_513193.1	29.1	29.0	29.1	28.9	29.2	29.1	29.0	29.0	29.2	29.7	29.0	
YP_513098.1	29.8	30.0	29.7	29.9	29.7	29.7	29.8	30.0	29.7	29.6	29.9	
YP_514548.1	30.9	30.7	30.9	30.8	31.0	31.0	30.8	30.9	30.8	30.8	30.8	
YP_512992.1	26.6	26.7	26.3	26.6	26.3	26.1	26.5	26.6	26.4	26.5	26.5	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_514513.1	31.3	31.3	31.4	31.3	31.3	31.3	31.3	31.4	31.3	31.4	31.4	
YP_513901.1	26.4	26.5	26.5	26.4	26.5	26.5	26.4	26.5	26.5	26.2	26.4	
YP_513106.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514545.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514532.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514503.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514499.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514438.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514388.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514349.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514344.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514319.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514313.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514282.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514269.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514266.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514249.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514190.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514155.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514113.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514101.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514057.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514030.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_514012.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_513987.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_513969.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_513961.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_513921.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_513878.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	
YP_513838.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513814.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513721.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513680.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513518.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513484.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513434.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513430.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513384.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513367.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513279.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513272.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513212.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513190.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513136.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513126.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513062.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513060.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513058.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512980.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512959.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512951.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512933.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512926.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512905.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512884.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512862.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512831.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512827.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_512814.1	24.2	24.2	24.2	24.2	24.2	24.3	24.2	24.2	24.2	24.3	24.2
YP_513294.1	31.0	31.0	31.1	31.0	31.1	31.1	31.1	31.0	31.0	31.2	31.0

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514539.1	29.7	29.6	29.7	29.7	29.8	29.8	29.9	29.4	29.7	29.9	29.7
YP_514052.1	27.8	27.8	27.8	27.7	27.8	27.7	27.9	27.8	27.7	27.5	27.8
YP_514529.1	27.8	28.0	27.7	27.8	27.8	27.8	27.8	28.0	27.7	27.6	27.9
YP_513788.1	31.5	31.5	31.5	31.5	31.6	31.6	31.5	31.4	31.6	31.6	31.6
YP_513917.1	23.9	24.0	23.8	24.3	24.3	23.7	24.0	24.0	23.7	23.1	24.0
YP_514556.1	29.9	30.1	30.0	30.0	30.0	30.0	29.9	30.1	30.0	29.7	29.9
YP_514021	0.0	0.0	0.0	28.6	28.8	28.7	0.0	0.0	0.0	0.0	0.0
YP_513228.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	26.2
YP_513534.1	29.0	29.1	28.9	29.0	28.9	28.9	28.9	29.1	28.9	28.7	29.0
YP_513019.1	33.7	33.6	33.5	33.7	33.6	33.6	33.7	33.6	33.6	33.4	33.7
YP_514304.1	24.4	24.4	24.5	24.5	24.4	24.4	24.8	24.1	24.4	24.9	24.4
YP_513749.1	26.3	26.4	26.4	26.3	26.4	26.4	26.3	26.4	26.3	26.1	26.1
YP_513020.1	34.2	34.0	34.4	34.1	34.4	34.4	34.1	34.2	34.3	34.9	34.1
YP_513920.1	30.2	30.3	30.2	30.1	30.4	30.2	30.4	29.9	30.4	30.5	30.1
YP_514420.1	33.4	33.4	33.4	33.5	33.4	33.4	33.4	33.6	33.2	33.2	33.5
YP_513481.1	19.7	19.8	18.0	19.4	20.1	20.3	19.9	18.1	19.5	20.9	20.4
YP_513307.1	32.8	33.0	32.9	33.0	32.9	33.1	32.7	33.2	32.9	33.0	33.0
YP_513222.1	29.0	29.1	29.0	29.1	29.3	29.2	29.3	29.0	29.0	29.0	29.0
YP_514374.1	34.7	34.7	34.8	34.7	34.8	34.8	34.8	34.8	34.6	34.5	34.9
YP_514001.1	21.4	20.8	21.7	21.1	21.2	21.1	21.6	22.0	20.4	20.1	21.2
YP_514087.1	28.8	29.0	28.9	28.9	28.8	28.9	28.9	28.8	29.0	29.0	28.9
YP_512946.1	27.8	27.8	27.7	27.8	27.7	27.6	27.8	27.9	27.6	27.3	27.7
YP_513100.1	22.8	22.9	22.6	23.0	22.4	22.6	22.6	22.9	22.8	21.3	22.8
YP_513385.1	25.0	25.2	25.2	25.1	25.3	25.1	25.1	25.2	25.2	25.5	25.2
YP_513362.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.1	31.0	31.1
YP_513530.1	24.4	24.7	24.9	24.4	24.4	24.7	24.5	24.9	24.6	24.4	25.0
YP_513186.1	29.0	28.8	29.0	28.9	28.9	29.0	29.0	29.0	28.9	28.6	28.9
YP_513097.1	25.3	25.3	25.4	25.5	25.5	25.4	25.2	25.4	25.5	25.8	25.3
YP_514340.1	28.4	28.3	28.4	28.4	28.4	28.5	28.5	28.3	28.4	28.8	28.2

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513365.1	30.7	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.7	30.5	30.6	
YP_513170.1	26.5	26.5	26.5	26.5	26.4	26.3	26.5	26.6	26.5	26.6	26.4	
YP_512890.1	28.3	27.9	28.6	28.0	28.7	28.5	28.0	28.2	28.7	30.0	28.2	
YP_512880.1	29.4	29.6	29.4	29.6	29.5	29.5	29.5	29.6	29.5	29.4	29.6	
YP_513549.1	29.3	29.3	29.2	29.3	29.1	29.2	29.3	29.4	29.2	29.1	29.3	
YP_514036.1	25.5	25.6	25.7	25.5	25.8	25.7	25.7	25.2	26.0	26.8	25.6	
YP_514274.1	20.7	20.9	21.3	21.1	20.8	21.4	20.8	21.5	20.7	20.6	21.0	
YP_513379.1	28.0	28.2	28.1	28.1	28.1	28.2	28.2	28.2	28.1	27.9	28.2	
YP_514141.1	30.6	30.5	30.6	30.5	30.7	30.7	30.6	30.6	30.6	30.5	30.5	
YP_514365.1	24.7	24.8	24.7	25.0	24.6	24.6	24.7	25.0	24.6	24.0	24.9	
YP_513151.1	27.3	27.1	27.5	27.1	27.7	27.7	27.2	27.4	27.3	28.1	27.4	
YP_514472.1	31.0	30.8	31.0	30.9	31.0	31.0	30.9	31.0	30.9	30.7	31.0	
YP_513437.1	28.6	28.3	28.7	28.4	28.4	28.6	28.7	28.6	28.4	28.2	28.4	
YP_512847.1	29.7	29.7	29.6	29.5	29.5	29.8	29.9	29.4	29.8	30.1	29.6	
YP_513291.1	33.2	33.3	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.5	33.4	
YP_513208.1	32.1	32.2	32.1	32.2	32.0	32.1	32.2	32.3	32.0	31.8	32.2	
YP_514039.1	28.7	28.6	29.0	28.6	29.2	29.1	28.9	28.6	28.9	29.6	28.7	
YP_514237.1	31.5	31.6	31.5	31.5	31.6	31.5	31.6	31.7	31.6	31.5	31.5	
YP_513646.1	28.4	28.3	28.5	28.4	28.6	28.5	28.5	28.5	28.5	28.4	28.5	
YP_513994.1	34.8	34.8	35.0	35.0	35.0	35.0	34.9	34.9	34.9	34.9	35.0	
YP_514330.1	24.9	24.9	24.7	25.1	24.8	24.6	24.9	25.1	24.7	23.9	24.8	
YP_512982.1	30.0	29.9	30.1	30.1	30.2	30.2	30.2	29.9	30.0	30.2	30.1	
YP_513422.1	27.2	26.6	27.2	26.6	27.3	27.2	27.1	26.8	27.2	27.4	26.9	
YP_513946.1	30.3	30.4	30.1	30.3	30.1	30.1	30.2	30.4	30.3	30.0	30.3	
YP_513043.1	33.9	34.0	33.8	34.0	33.7	33.7	34.0	34.0	33.9	33.4	34.0	
YP_513578.1	30.8	30.8	30.6	30.7	30.5	30.6	30.7	30.9	30.7	30.6	30.9	
YP_514256.1	30.3	30.4	30.3	30.3	30.4	30.3	30.4	30.3	30.4	30.2	30.3	
YP_513519.1	28.1	28.0	28.1	27.9	28.2	28.3	28.2	28.2	28.0	28.0	28.1	
YP_513474.1	28.6	28.8	28.9	28.6	28.9	28.8	28.8	28.8	28.9	29.5	28.8	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513247.1	28.6	28.5	28.6	28.5	28.5	28.6	28.6	28.5	28.6	28.5	28.5
YP_514294.1	29.7	29.8	29.7	29.7	29.7	29.7	29.8	29.8	29.8	29.6	29.7
YP_513037.1	34.0	34.1	33.8	34.0	34.1	34.0	34.1	34.0	34.0	33.7	34.0
YP_513723.1	28.5	28.5	28.4	28.6	28.4	28.4	28.6	28.6	28.5	28.3	28.5
YP_512822.1	31.8	31.7	31.8	31.7	31.8	31.8	31.9	31.9	31.8	31.8	31.8
YP_513034.1	33.5	33.5	33.6	33.6	33.9	33.7	33.7	33.2	33.9	34.2	33.5
YP_513408.1	30.1	30.0	30.1	30.1	29.9	30.0	30.1	30.2	30.1	30.1	30.1
YP_513555.1	26.6	26.7	26.4	26.6	26.5	26.5	26.6	26.7	26.7	26.7	26.6
YP_513635.1	27.2	27.1	27.5	27.2	27.7	27.4	27.2	27.1	27.6	28.4	27.1
YP_513560.1	30.2	29.7	30.2	30.1	30.1	30.1	30.2	30.2	29.9	29.8	30.2
YP_512935.1	29.5	29.6	29.4	29.6	29.2	29.3	29.6	29.8	29.4	29.0	29.5
YP_513898.1	26.4	26.6	26.6	26.5	26.6	26.6	26.6	26.6	26.7	26.7	26.3
YP_513885.1	26.1	26.4	26.2	26.3	26.3	26.0	26.1	26.4	26.4	26.5	26.6
YP_514555.1	31.6	31.5	32.0	31.6	32.4	32.4	31.8	31.7	31.9	32.3	31.5
YP_513927.1	28.4	28.0	28.4	28.2	28.4	28.2	28.3	28.4	28.2	28.7	28.3
YP_513348.1	33.5	33.4	33.6	33.4	33.5	33.5	33.6	33.7	33.4	33.6	33.5
YP_513411.1	28.5	28.5	28.5	28.5	28.3	28.3	28.5	28.7	28.4	28.3	28.4
YP_514194.1	27.6	27.6	27.7	27.6	27.4	27.5	27.7	27.7	27.6	27.4	27.5
YP_514097.1	33.5	33.6	33.3	33.4	33.2	33.4	33.5	33.6	33.4	33.1	33.6
YP_513965.1	27.7	27.7	27.7	27.7	27.6	27.5	27.8	27.9	27.6	26.9	27.7
YP_513424.1	26.3	26.4	26.1	26.5	25.9	26.0	26.8	25.5	26.6	26.4	26.6
YP_513257.1	31.3	31.3	31.2	31.3	31.3	31.2	31.4	31.3	31.3	31.2	31.3
YP_513768.1	29.9	30.0	29.8	30.0	29.8	29.9	30.0	30.1	29.8	29.5	30.0
YP_513522.1	25.3	25.6	25.1	25.2	25.3	25.5	25.4	25.4	25.4	25.5	25.4
YP_513013.1	30.9	30.9	30.9	30.8	31.0	31.0	31.0	30.9	30.9	30.9	31.0
YP_514127.1	30.6	30.5	30.5	30.6	30.5	30.5	30.6	30.7	30.5	30.3	30.6
YP_513195.1	29.3	29.2	29.3	29.4	29.2	29.2	29.5	29.2	29.2	29.4	29.3
YP_513666.1	28.4	28.5	28.4	28.5	28.6	28.5	28.5	28.4	28.6	28.6	28.5

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513869.1	32.1	32.1	32.3	32.1	32.3	32.2	32.2	32.2	32.4	32.8	32.1	
YP_513764.1	29.2	29.4	29.3	29.4	29.2	29.3	29.4	29.5	29.3	29.0	29.4	
YP_513956.1	27.9	28.2	28.0	28.1	28.0	28.0	28.1	28.2	28.0	27.8	28.0	
YP_513812.1	24.6	24.5	24.5	24.8	24.6	24.5	24.7	24.6	24.6	24.5	24.4	
YP_514198.1	31.3	31.4	31.3	31.4	31.3	31.3	31.5	31.5	31.3	31.3	31.4	
YP_513345.1	31.9	31.8	31.6	31.8	31.6	31.7	31.9	32.0	31.7	31.5	31.8	
YP_513790.1	28.7	28.9	29.3	28.7	29.3	29.1	29.0	28.5	29.6	31.0	28.8	
YP_513227.1	27.1	26.7	27.1	27.0	27.1	27.1	27.1	27.1	27.0	27.0	27.1	
YP_513933.1	27.2	27.2	27.2	27.1	27.3	27.2	27.5	26.8	27.6	27.7	27.2	
YP_514217.1	23.5	23.5	24.0	23.5	23.9	24.0	23.8	23.5	23.9	24.4	23.6	
YP_512820.1	29.6	29.5	29.5	29.5	29.5	29.5	29.8	29.4	29.7	29.8	29.5	
YP_514423.1	29.9	29.9	30.1	29.9	30.0	30.0	30.0	30.1	30.1	30.0	29.8	
YP_514510.1	28.0	28.1	28.0	28.1	28.2	28.2	28.2	27.9	28.2	28.3	28.2	
YP_513883.1	26.0	26.2	26.2	26.2	26.2	26.1	26.3	26.0	26.4	26.9	26.3	
YP_513940.1	30.4	30.3	30.3	30.4	30.4	30.4	30.5	30.3	30.5	30.7	30.4	
YP_513900.1	24.7	24.5	25.1	24.5	24.3	25.3	25.0	24.5	25.1	24.7	25.9	
YP_513303.1	29.0	29.0	29.0	29.0	28.9	29.0	29.1	29.2	29.0	28.6	29.0	
YP_514262.1	27.6	27.1	27.6	27.4	27.2	27.5	27.5	28.0	27.1	26.5	27.4	
YP_513177.1	29.8	29.8	29.8	29.4	29.2	29.2	29.7	29.7	30.2	29.9	29.8	
YP_514112.1	32.9	33.0	32.9	33.0	33.0	33.0	33.1	33.1	33.0	32.9	33.0	
YP_514050.1	27.2	27.3	27.1	27.4	27.0	27.1	27.4	27.4	27.2	26.9	27.3	
YP_513507.1	28.3	28.4	28.0	28.2	28.3	28.2	28.1	28.3	28.6	28.6	28.3	
YP_514564.1	24.6	24.5	24.4	24.7	24.7	24.7	24.9	24.8	24.1	25.0	24.8	
YP_514139.1	26.4	26.0	26.6	26.2	26.7	26.7	26.5	26.4	26.4	26.8	26.4	
YP_513597.1	30.4	30.4	30.3	30.3	30.3	30.4	30.5	30.5	30.4	30.2	30.5	
YP_513103.1	32.3	32.4	32.2	32.3	32.1	32.2	32.4	32.4	32.4	32.3	32.3	
YP_513860.1	28.6	28.5	28.6	28.6	28.5	28.6	28.7	28.6	28.7	29.2	28.5	
YP_514104.1	25.8	26.0	25.8	26.0	25.9	25.8	26.1	25.9	25.9	25.5	25.6	
YP_513957.1	23.6	23.3	23.6	23.3	23.4	23.8	23.8	23.6	23.4	23.7	23.3	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_512998.1	26.4	26.5	26.4	26.8	26.4	26.5	26.4	27.0	26.3	25.7	26.7	
YP_514035.1	20.8	21.5	21.3	21.9	21.3	22.2	21.2	21.4	21.2	22.0	21.5	
YP_513881.1	31.2	31.2	31.2	31.1	31.2	31.0	31.2	31.3	31.3	31.2	31.1	
YP_513102.1	33.3	33.2	33.2	33.2	33.2	33.3	33.3	33.5	33.3	33.3	33.3	
YP_514199.1	34.2	34.2	34.3	34.2	34.3	34.1	34.2	34.4	34.4	34.4	34.2	
YP_513570.1	30.3	30.4	30.2	30.4	30.1	30.2	30.5	30.6	30.2	30.0	30.5	
YP_513835.1	31.2	31.0	31.1	31.1	31.2	31.2	31.2	31.3	31.1	31.0	31.1	
YP_513342.1	27.3	27.0	27.2	27.1	27.2	27.2	27.2	27.3	27.3	27.3	27.3	
YP_513750.1	31.2	31.1	31.4	31.2	31.5	31.4	31.4	31.4	31.3	31.5	31.4	
YP_514187.1	27.2	26.9	27.3	27.3	27.2	27.1	27.3	27.4	27.1	27.1	27.3	
YP_513572.1	29.3	29.3	29.4	29.3	29.5	29.4	29.5	29.5	29.3	29.2	29.4	
YP_513410.1	27.9	27.9	28.0	28.0	27.9	28.0	28.1	28.1	27.9	27.7	28.0	
YP_514478.1	30.7	30.7	30.6	30.6	30.6	30.6	30.7	30.8	30.7	30.3	30.7	
YP_514245.1	29.4	29.3	29.4	29.5	29.3	29.3	29.5	29.6	29.4	29.5	29.6	
YP_513973.1	30.5	29.7	30.6	30.0	30.6	30.6	30.4	30.6	30.2	30.2	30.4	
YP_513636.1	30.6	30.3	30.6	30.3	30.9	30.9	30.7	30.4	30.7	31.0	30.5	
YP_514337.1	28.6	28.7	29.0	28.7	29.0	28.9	28.8	28.7	29.1	30.1	28.8	
YP_513656.1	23.6	24.0	23.5	23.6	23.2	23.2	23.9	24.0	23.6	23.3	23.9	
YP_514520.1	30.8	30.8	30.9	30.9	31.0	30.9	30.9	30.9	31.1	31.1	30.8	
YP_514184.1	30.2	30.4	30.5	30.4	30.4	30.3	30.4	30.5	30.6	31.1	30.3	
YP_514299.1	30.3	30.2	30.3	30.2	30.3	30.3	30.4	30.4	30.4	30.3	30.2	
YP_513833.1	31.1	31.2	31.1	31.1	31.0	31.1	31.2	31.4	31.2	31.0	31.2	
YP_513290.1	27.2	27.3	27.8	27.3	27.7	27.8	27.2	27.5	27.8	29.3	27.8	
YP_513397.1	29.2	29.3	29.2	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.3	
YP_513524.1	30.3	30.3	30.4	30.4	30.3	30.5	30.5	30.3	30.5	30.6	30.5	
YP_513936.1	27.0	27.2	27.0	27.0	26.9	27.0	27.2	27.2	27.2	26.7	27.0	
YP_512940.1	26.2	25.9	26.2	26.2	26.2	26.2	26.1	26.3	26.3	26.9	26.3	
YP_513329.1	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.5	32.5	
YP_512873.1	27.0	26.9	27.1	26.8	27.2	27.4	27.2	27.1	27.1	27.5	27.0	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514075.1	29.8	29.7	29.7	29.8	29.7	29.7	29.8	30.0	29.9	29.8	29.8
YP_513023.1	27.3	27.2	27.2	27.2	27.7	27.7	27.4	27.3	27.4	27.5	27.2
YP_514109.1	31.1	31.1	31.0	31.1	31.1	31.1	31.2	31.2	31.1	30.8	31.1
YP_513913.1	28.9	29.1	28.9	29.0	29.0	28.9	29.1	29.1	29.1	28.9	29.1
YP_514146.1	26.6	26.0	26.5	26.3	26.3	26.4	26.4	26.5	26.5	26.3	26.3
YP_513224.1	28.0	27.8	27.9	27.9	28.0	28.0	28.1	28.0	27.9	27.7	27.9
YP_513181.1	28.7	28.9	28.7	28.7	28.6	28.6	28.9	28.8	29.0	29.4	28.7
YP_514000.1	31.3	31.2	31.2	31.2	31.3	31.3	31.4	31.3	31.4	31.3	31.3
YP_514179.1	29.5	29.5	29.8	29.4	29.8	29.5	29.5	29.6	30.0	30.5	29.6
YP_513834.1	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.2	32.9
YP_514107.1	31.4	30.5	31.8	31.1	31.9	31.7	31.3	31.3	31.5	32.0	31.3
YP_514370.1	29.2	29.2	29.2	29.3	29.1	29.2	29.3	29.5	29.3	29.2	29.3
YP_513618.1	27.6	27.8	27.5	27.7	27.5	27.5	27.8	28.0	27.6	27.1	27.7
YP_513144.1	30.9	30.9	30.8	30.9	30.8	30.8	31.1	30.9	31.0	31.1	31.0
YP_514080.1	25.9	26.0	26.0	26.0	26.1	26.1	26.1	26.3	26.0	26.5	26.0
YP_513565.1	29.3	29.3	29.4	29.3	29.5	29.5	29.4	29.6	29.5	29.4	29.2
YP_513478.1	26.3	26.1	26.3	26.3	26.3	26.4	26.5	26.5	26.2	26.5	26.3
YP_514483.1	29.9	29.9	30.1	29.9	30.3	30.3	30.3	29.9	30.2	30.4	29.8
YP_514355.1	27.8	27.7	27.9	27.8	27.7	27.8	27.9	28.1	27.7	27.5	27.7
YP_512895.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.3	34.1
YP_513439.1	17.0	19.3	18.3	16.3	17.7	16.8	19.2	17.9	18.0	0.0	17.7
YP_513318.1	31.9	32.0	32.1	31.9	32.0	31.9	32.1	32.2	32.1	32.1	32.0
YP_512878.1	27.4	27.7	27.6	27.6	27.6	27.5	27.6	27.7	27.9	28.0	27.6
YP_513376.1	36.0	36.7	36.0	36.0	36.0	36.0	36.3	36.4	36.4	36.2	36.0
YP_513049.1	31.1	31.3	31.2	31.5	31.2	31.4	31.3	31.5	31.2	31.7	31.1
YP_514341.1	26.3	25.8	26.7	26.2	26.7	26.7	26.5	26.0	26.8	27.9	25.8
YP_513407.1	25.4	25.5	25.2	25.4	25.3	25.2	25.4	25.8	25.5	24.5	25.4
YP_513450.1	26.1	26.4	26.4	26.4	26.3	26.3	26.4	26.4	26.6	26.4	26.2

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_514218.1	30.1	30.1	30.4	30.2	30.3	30.3	30.3	30.4	30.4	30.9	30.2	
YP_514487.1	27.5	27.6	27.5	27.6	27.3	27.5	27.8	27.8	27.5	27.3	27.5	
YP_514226.1	27.3	27.3	27.2	27.3	27.2	27.1	27.3	27.7	27.3	26.6	27.2	
YP_513287.1	30.7	30.7	30.7	30.6	30.6	30.6	30.9	30.8	30.9	30.5	30.6	
YP_513606.1	30.9	31.1	31.0	31.0	31.0	31.0	31.1	31.2	31.1	31.1	30.9	
YP_513055.1	33.7	33.7	33.7	33.7	33.7	33.7	33.9	33.7	34.0	34.1	33.8	
YP_514400.1	29.2	29.3	29.4	29.3	29.6	29.4	29.6	29.3	29.5	29.5	29.3	
YP_514255.1	28.6	28.5	28.6	28.5	28.6	28.7	28.6	28.8	28.8	28.7	28.6	
YP_513480.1	27.3	27.4	27.3	27.3	27.4	27.4	27.4	27.6	27.4	27.4	27.4	
YP_513671.1	31.1	31.1	31.1	31.2	31.1	31.0	31.2	31.5	31.2	30.9	31.1	
YP_513082.1	24.6	24.7	24.6	24.8	24.9	24.4	24.4	25.0	25.1	23.6	24.1	
YP_513022.1	31.7	31.7	32.0	31.7	32.0	31.8	31.9	31.9	32.2	33.0	31.7	
YP_513584.1	26.2	26.1	26.2	26.2	26.3	26.2	26.3	26.6	26.2	25.9	26.2	
YP_513315.1	28.9	28.7	28.9	28.8	29.0	29.1	29.1	29.1	28.8	28.8	28.9	
YP_513793.1	30.3	30.2	30.4	30.3	30.3	30.3	30.4	30.5	30.5	30.3	30.3	
YP_512997.1	24.3	24.3	24.4	24.4	24.3	24.7	24.4	25.3	23.9	23.9	24.8	
YP_513568.1	25.9	26.3	26.5	25.8	26.3	26.5	26.4	25.9	26.9	27.0	26.1	
YP_513697.1	27.8	27.7	27.8	27.8	27.8	27.8	28.0	27.9	27.9	27.7	27.8	
YP_513718.1	29.5	29.4	29.5	29.4	29.5	29.5	29.6	29.6	29.7	29.6	29.5	
YP_513417.1	26.6	26.2	26.6	26.3	26.4	26.4	26.7	26.7	26.5	26.8	26.4	
YP_513333.1	29.7	29.7	29.8	29.7	30.0	29.8	29.9	29.7	30.2	30.7	29.7	
YP_513614.1	30.0	29.7	30.4	29.8	30.6	30.3	30.2	29.6	30.8	31.3	29.6	
YP_513615.1	30.0	29.9	29.9	30.0	29.9	30.0	30.2	30.1	29.9	29.8	30.0	
YP_514181.1	29.6	29.6	29.5	29.6	29.5	29.6	29.7	29.8	29.7	29.4	29.5	
YP_513475.1	25.0	24.9	24.8	25.0	25.3	25.1	25.3	24.9	25.1	24.9	24.7	
YP_513717.1	31.0	31.0	30.9	31.1	30.8	30.9	31.2	31.2	31.1	30.6	31.0	
YP_513184.1	27.6	27.7	27.9	27.7	28.1	27.9	27.8	27.5	28.5	29.7	27.7	
YP_514149.1	30.3	30.4	30.2	30.4	30.0	30.1	30.4	30.6	30.5	30.7	30.4	
YP_513645.1	28.2	28.4	28.2	28.1	28.2	28.1	28.4	28.5	28.4	28.2	28.3	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513305.1	29.3	29.2	29.6	29.4	29.8	29.6	29.4	29.1	30.1	31.6	29.4	
YP_514413.1	29.6	29.7	29.5	29.7	29.3	29.5	29.8	30.0	29.6	29.4	29.7	
YP_514345.1	36.6	36.3	36.6	36.6	36.7	36.6	36.7	36.7	36.7	36.9	36.6	
YP_513763.1	27.1	26.3	26.8	26.7	27.0	26.9	26.8	26.7	27.2	28.3	26.6	
YP_513492.1	31.1	31.1	31.1	31.0	30.9	31.1	31.2	31.4	31.1	31.1	31.2	
YP_513489.1	24.7	24.6	24.6	24.7	24.5	24.5	24.9	24.9	24.7	24.4	24.6	
YP_513056.1	32.6	32.7	32.5	32.7	32.7	32.7	32.8	32.7	32.8	32.4	32.7	
YP_513116.1	29.6	29.7	29.5	29.6	29.5	29.6	29.7	29.8	29.8	29.8	29.6	
YP_513612.1	31.0	31.1	31.0	31.0	31.1	31.1	31.3	31.2	31.3	31.1	31.0	
YP_514215.1	25.8	25.8	25.8	26.0	25.7	25.7	25.9	26.3	25.8	25.4	26.0	
YP_513366.1	29.9	30.0	29.9	30.0	29.9	30.0	30.1	30.3	30.0	29.6	30.0	
YP_513202.1	28.1	28.3	28.0	28.3	27.9	28.0	28.4	28.5	28.2	27.6	28.1	
YP_513872.1	28.2	28.2	28.1	28.1	28.1	28.1	28.4	28.5	28.3	27.9	28.0	
YP_512978.1	26.8	26.8	26.7	26.9	26.9	26.8	26.9	27.1	26.9	26.5	26.8	
YP_513258.1	29.2	29.2	29.1	29.2	29.2	29.2	29.4	29.4	29.3	28.9	29.2	
YP_512867.1	27.1	27.1	27.0	27.2	27.1	27.1	27.3	27.5	27.1	26.8	27.2	
YP_514301.1	29.1	29.4	29.2	29.3	29.3	29.1	29.4	29.4	29.5	29.1	29.2	
YP_514421.1	30.5	30.5	30.5	30.5	30.5	30.5	30.7	30.8	30.7	30.1	30.5	
YP_512937.1	27.6	27.5	27.8	27.6	27.9	27.8	28.0	27.5	28.0	28.1	27.6	
YP_513602.1	26.4	26.1	26.3	26.4	25.9	26.0	26.4	26.8	26.2	25.7	26.3	
YP_514336.1	30.5	30.5	30.5	30.5	30.3	30.5	30.7	30.8	30.6	30.1	30.4	
YP_513101.1	34.6	34.6	34.5	34.6	34.7	34.7	34.9	34.7	34.7	34.2	34.6	
YP_514364.1	30.6	30.6	30.8	30.7	30.9	30.8	31.0	30.9	30.8	30.8	30.7	
YP_513629.1	31.9	32.1	31.8	31.9	31.7	31.8	32.2	32.2	32.1	31.7	32.0	
YP_513729.1	27.0	27.2	27.1	27.0	27.0	26.9	27.2	27.5	27.3	26.9	27.2	
YP_512987.1	31.3	31.3	31.2	31.3	31.1	31.2	31.5	31.7	31.2	31.0	31.3	
YP_513613.1	31.8	31.8	31.8	31.9	31.8	31.9	32.1	32.0	32.0	31.8	31.9	
YP_514516.1	29.9	30.0	29.9	29.9	29.9	29.8	30.1	30.0	30.3	30.1	29.8	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514303.1	31.4	31.4	31.3	31.3	31.2	31.2	31.6	31.6	31.5	31.1	31.3
YP_514424.1	32.5	32.2	32.5	32.3	32.5	32.6	32.6	32.8	32.6	32.7	32.5
YP_513261.1	29.3	29.6	29.3	29.5	29.4	29.3	29.7	29.7	29.6	29.3	29.5
YP_513457.1	25.4	25.3	25.3	25.5	25.1	25.4	25.5	25.8	25.3	24.7	25.3
YP_512829.1	32.7	32.6	32.8	32.6	32.8	32.8	32.9	33.0	32.7	32.2	32.6
YP_513426.1	31.8	31.8	31.7	31.9	31.7	31.6	32.0	32.1	31.8	31.5	31.9
YP_513198.1	30.6	30.7	30.8	30.7	30.8	30.7	31.0	30.8	31.0	30.9	30.7
YP_513122.1	30.2	30.3	30.2	30.2	30.0	30.0	30.4	30.7	30.2	29.7	30.2
YP_514168.1	31.5	31.5	31.5	31.4	31.4	31.4	31.7	31.7	31.7	31.6	31.4
YP_513050.1	33.4	33.2	33.7	33.3	33.6	33.6	33.6	33.4	34.0	34.6	33.4
YP_514068.1	29.3	29.2	29.3	29.3	29.4	29.4	29.5	29.5	29.5	29.3	29.3
YP_513981.1	31.7	31.8	31.9	31.8	32.1	32.0	32.1	31.9	32.2	32.6	31.7
YP_514125.1	32.6	32.7	33.0	32.7	32.9	32.8	32.9	32.7	33.3	33.9	32.5
YP_514043.1	26.4	26.3	26.3	26.4	26.3	26.2	26.6	26.7	26.5	26.3	26.5
YP_514524.1	31.2	31.2	31.2	31.2	31.0	31.0	31.4	31.6	31.2	30.9	31.2
YP_514563.1	23.3	23.5	23.2	23.4	23.7	23.6	23.4	23.4	24.0	24.4	23.2
YP_513275.1	25.7	25.6	25.5	25.7	25.5	25.6	25.8	26.1	25.6	25.1	25.5
YP_513880.1	30.7	30.6	30.7	30.8	30.8	30.7	30.9	31.0	30.9	30.8	30.7
YP_514419.1	30.7	30.8	31.1	30.7	31.0	30.8	31.0	30.9	31.4	32.1	30.7
YP_512811.1	30.3	30.1	30.2	30.3	30.2	30.2	30.5	30.5	30.3	30.2	30.2
YP_513259.1	30.0	30.0	29.9	30.0	30.0	29.9	30.3	30.1	30.2	30.0	30.0
YP_513975.1	30.1	30.0	30.0	30.0	30.0	30.0	30.3	30.4	30.2	29.6	30.1
YP_514260.1	28.4	28.3	28.3	28.9	28.8	29.0	28.7	28.2	29.0	28.6	28.8
YP_513797.1	28.3	28.6	28.8	28.5	28.6	28.5	28.7	28.5	29.2	30.1	28.4
YP_513121.1	26.8	26.8	26.9	26.9	26.8	26.8	27.1	27.3	26.9	26.5	26.8
YP_513494.1	28.3	28.3	28.2	28.3	28.1	28.1	28.5	28.6	28.4	28.3	28.3
YP_513229.1	29.3	29.3	29.8	29.3	29.6	29.5	29.6	29.5	30.2	31.2	29.6
YP_514003.1	26.5	26.6	26.4	26.6	26.6	26.6	26.8	26.6	27.0	27.0	26.7

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514169.1	31.3	31.3	31.2	31.3	31.4	31.3	31.6	31.1	31.8	31.9	31.3
YP_514307.1	28.6	28.4	28.5	28.7	28.3	28.4	28.8	28.9	28.7	28.1	28.8
YP_512888.1	28.8	28.9	28.8	28.7	28.8	28.9	29.0	29.1	29.1	29.2	28.9
YP_513256.1	30.8	30.6	30.8	30.7	30.7	30.7	31.0	30.9	31.1	30.9	30.7
YP_513569.1	30.1	30.1	30.3	30.3	30.2	30.2	30.5	30.3	30.5	31.0	30.2
YP_514464.1	30.0	30.1	30.1	30.0	30.1	30.1	30.3	30.4	30.3	30.1	30.0
YP_514088.1	29.5	29.5	29.5	29.6	29.6	29.5	29.7	29.7	29.9	29.7	29.4
YP_514241.1	29.4	29.3	29.2	29.3	29.4	29.5	29.7	29.5	29.6	29.6	29.5
YP_513505.1	27.4	27.4	27.5	27.5	27.6	27.5	27.7	27.7	27.8	27.5	27.4
YP_513205.1	25.8	26.0	25.9	25.9	25.8	25.9	26.2	26.1	26.2	26.3	25.9
YP_514375.1	34.1	34.1	34.1	34.1	34.2	34.1	34.5	34.3	34.4	34.1	34.2
YP_514103.1	26.4	26.5	26.5	26.4	26.2	26.3	26.6	26.9	26.7	25.9	26.4
YP_513759.1	26.7	26.7	26.8	27.1	26.5	26.7	26.9	27.2	27.0	27.2	26.5
YP_514222.1	22.3	21.6	22.1	21.9	21.9	21.7	22.5	21.6	22.6	23.4	22.0
YP_513185.1	27.4	27.4	27.4	27.3	27.4	27.3	27.6	27.6	27.7	27.3	27.4
YP_513147.1	27.2	27.2	27.1	27.2	27.3	27.2	27.4	27.4	27.6	27.9	27.2
YP_513758.1	31.8	31.7	32.1	31.9	32.1	32.0	32.2	32.1	32.2	32.4	32.0
YP_514230.1	33.3	33.4	33.2	33.4	33.3	33.3	33.5	33.5	33.7	33.1	33.3
YP_513596.1	27.4	27.5	27.5	27.5	27.5	27.4	27.8	27.8	27.8	27.4	27.5
YP_513468.1	32.8	32.8	32.7	32.8	32.7	32.7	33.1	33.2	33.0	32.3	32.8
YP_514434.1	33.2	33.1	33.1	33.2	33.2	33.1	33.4	33.4	33.3	33.3	33.1
YP_512996.1	25.6	25.7	25.7	25.7	25.4	25.4	25.8	26.1	26.0	25.7	25.5
YP_513079.1	24.5	24.4	24.8	24.3	25.2	24.9	24.8	23.9	25.9	27.9	24.6
YP_513623.1	31.5	31.5	31.4	31.5	31.3	31.4	31.8	31.8	31.7	31.4	31.4
YP_514306.1	29.4	29.5	29.5	29.5	29.3	29.3	29.8	29.6	29.8	29.6	29.4
YP_512841.1	29.8	29.9	29.9	29.8	29.9	29.8	30.1	30.1	30.2	29.9	29.9
YP_514283.1	27.8	27.7	27.8	27.7	27.8	27.7	28.0	28.0	28.1	28.0	27.8
YP_513286.1	27.8	27.8	27.7	27.8	27.4	27.6	28.0	28.3	27.8	27.0	27.6
YP_513998.1	29.1	29.1	29.5	29.2	29.3	29.2	29.4	29.5	29.8	30.4	29.2

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514013.1	30.8	30.9	30.8	30.8	30.9	30.8	31.1	31.1	31.1	30.5	30.8
YP_514240.1	24.9	25.0	24.8	24.9	24.9	24.8	25.2	25.3	25.1	24.7	25.1
YP_513634.1	24.5	24.6	24.5	24.6	24.4	24.4	24.8	25.0	24.8	24.1	24.4
YP_514410.1	33.4	33.5	33.2	33.4	33.1	33.2	33.7	33.9	33.5	32.9	33.4
YP_513282.1	25.2	25.4	25.1	25.2	25.1	25.2	25.5	25.7	25.4	25.0	25.1
YP_514183.1	32.1	32.1	32.0	32.1	32.0	32.0	32.4	32.4	32.3	31.9	32.1
YP_514074.1	32.0	32.1	32.1	32.1	32.1	32.1	32.4	32.3	32.4	32.0	32.1
YP_512851.1	26.7	26.4	26.5	26.6	26.7	26.7	26.8	26.9	26.8	26.4	26.6
YP_513559.1	29.4	29.3	29.4	29.4	29.6	29.7	29.8	29.6	29.6	29.6	29.3
YP_513115.1	29.4	29.0	29.3	29.4	29.6	29.3	29.7	29.2	29.8	30.2	29.3
YP_514073.1	29.5	29.5	29.6	29.5	29.7	29.6	29.8	29.7	29.9	30.0	29.4
YP_513829.1	31.6	31.7	32.0	31.8	32.1	31.9	32.0	31.8	32.5	33.2	31.8
YP_513714.1	28.4	28.3	28.3	28.4	28.3	28.3	28.7	28.7	28.5	28.2	28.4
YP_512819.1	32.9	32.8	33.4	33.0	33.3	33.0	33.1	32.9	34.1	35.1	33.1
YP_513999.1	29.1	29.2	29.0	29.1	29.1	29.0	29.4	29.4	29.4	29.0	28.9
YP_513551.1	26.8	26.7	26.8	26.8	26.6	26.6	27.0	27.2	27.0	26.6	26.7
YP_513441.1	28.5	28.4	28.4	28.4	28.4	28.5	28.7	28.9	28.7	28.0	28.3
YP_514372.1	27.1	27.1	27.0	27.0	27.2	27.1	27.3	27.4	27.6	27.3	27.1
YP_513828.1	31.4	31.6	31.5	31.7	31.4	31.5	31.8	32.0	31.6	30.8	31.6
YP_514409.1	32.9	33.0	32.8	32.9	32.9	32.9	33.3	33.3	33.1	32.5	32.9
YP_513425.1	32.7	32.6	32.6	32.7	32.6	32.5	33.1	32.7	33.1	32.8	32.7
YP_513769.1	29.2	28.9	29.3	29.1	29.4	29.4	29.5	29.4	29.5	29.3	29.1
YP_513009.1	25.1	25.2	25.0	25.0	25.1	25.4	25.6	25.0	25.6	25.8	25.0
YP_513370.1	31.0	31.0	31.2	31.0	31.4	31.3	31.4	31.3	31.6	31.6	31.0
YP_514484.1	29.0	29.0	28.9	28.9	28.9	28.9	29.2	29.3	29.3	28.8	28.9
YP_514352.1	29.5	29.5	29.8	29.5	29.9	29.7	29.9	29.8	30.1	30.3	29.3
YP_512874.1	27.6	27.6	27.9	27.7	28.7	28.2	27.9	27.7	28.5	29.8	27.9
YP_514331.1	26.0	25.9	25.8	25.9	25.9	26.0	26.3	26.0	26.4	26.4	25.9
YP_513891.1	28.0	28.1	28.1	28.1	28.2	28.2	28.3	28.4	28.6	28.5	28.1

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514408.1	33.1	32.9	33.1	33.0	33.1	33.2	33.4	33.4	33.3	33.3	33.2
YP_513890.1	27.5	27.6	27.6	27.6	27.6	27.5	27.9	27.8	28.0	27.5	27.6
YP_514518.1	31.5	31.5	31.4	31.5	31.5	31.4	31.8	31.9	31.7	31.3	31.5
YP_514220.1	28.9	29.1	29.0	29.0	28.7	28.8	29.3	29.5	29.3	29.0	29.0
YP_513823.1	31.6	31.6	31.6	31.7	31.6	31.6	31.9	32.1	31.9	31.4	31.5
YP_514024.1	26.0	25.9	25.9	25.9	25.7	25.9	26.2	26.5	26.1	25.6	25.8
YP_514047.1	32.5	32.4	32.4	32.5	32.3	32.3	32.7	32.8	32.7	32.0	32.3
YP_514540.1	28.5	28.4	28.5	28.5	28.3	28.4	28.8	28.9	28.8	28.5	28.5
YP_512889.1	29.8	29.8	29.7	29.8	29.7	29.8	30.1	30.3	29.9	29.4	29.8
YP_513142.1	25.7	25.5	25.7	25.7	25.4	25.5	25.9	26.3	25.7	24.7	25.7
YP_513199.1	28.8	28.8	28.6	28.7	28.7	28.6	29.1	28.8	29.3	29.1	28.6
YP_514562.1	29.7	29.8	29.7	29.8	29.8	29.8	30.2	29.9	30.1	29.8	29.9
YP_513321.1	25.2	25.4	25.5	25.4	25.7	25.4	25.7	26.0	25.6	26.1	25.2
YP_513875.1	29.7	29.8	29.8	29.8	29.9	29.9	30.0	30.2	30.2	29.9	29.8
YP_513488.1	30.4	30.3	30.4	30.4	30.6	30.5	30.8	30.7	30.7	30.5	30.4
YP_513308.1	30.0	30.0	29.9	30.0	29.9	29.9	30.3	30.4	30.3	30.1	30.0
YP_514561.1	25.3	24.6	25.4	24.9	25.7	25.9	25.4	25.6	25.4	25.2	25.3
YP_514517.1	34.0	33.8	33.9	33.8	33.8	33.9	34.2	34.3	34.3	34.0	33.9
YP_513143.1	27.0	27.0	27.0	27.2	27.0	27.0	27.4	27.4	27.4	27.4	27.2
YP_514428.1	24.4	24.6	24.0	24.5	23.7	24.0	24.9	24.7	24.6	23.8	24.5
YP_513553.1	31.8	31.9	31.7	31.8	31.7	31.7	32.2	32.1	32.1	31.7	31.8
YP_513506.1	24.4	24.7	24.3	24.4	24.8	24.8	25.0	24.8	24.8	24.4	24.4
YP_514407.1	30.9	31.0	30.9	30.9	30.8	30.8	31.2	31.4	31.2	30.7	31.0
YP_513919.1	31.5	31.6	31.6	31.5	31.5	31.5	31.9	32.0	31.8	31.4	31.6
YP_513529.1	26.8	26.8	26.7	26.8	26.6	26.8	27.2	27.3	27.0	26.7	26.9
YP_513816.1	29.6	29.4	29.6	29.5	29.6	29.5	29.9	30.0	29.8	29.7	29.7
YP_513643.1	27.1	27.3	27.0	27.2	27.0	27.0	27.5	27.7	27.3	26.7	27.2
YP_513640.1	28.7	28.7	28.8	28.7	29.0	29.0	29.1	28.8	29.4	29.7	28.7

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513945.1	28.8	28.8	28.6	28.8	28.6	28.7	29.1	29.2	29.0	28.6	28.8
YP_513862.1	32.2	32.3	32.6	32.3	32.5	32.4	32.7	32.5	33.1	33.6	32.3
YP_512999.1	26.3	26.1	26.2	26.3	26.2	26.5	26.6	26.8	26.3	25.9	26.2
YP_513873.1	31.5	31.4	31.7	31.4	31.7	31.6	31.7	31.8	32.1	32.6	31.5
YP_513538.1	27.6	27.7	27.5	27.8	27.6	27.6	28.2	28.4	27.3	26.9	27.9
YP_513977.1	30.3	30.2	30.2	30.2	30.5	30.5	30.7	30.2	30.9	31.2	30.2
YP_513622.1	31.9	31.9	31.8	31.9	31.8	32.0	32.3	32.3	32.2	31.7	31.8
YP_514437.1	29.8	29.8	29.7	29.8	29.7	29.9	30.1	30.2	30.1	29.7	29.9
YP_513051.1	30.1	29.4	30.0	29.9	29.7	29.8	30.2	30.5	30.0	29.6	30.0
YP_514142.1	30.8	30.9	30.9	30.9	31.0	30.9	31.3	31.1	31.4	31.5	30.8
YP_513169.1	30.2	30.2	30.2	30.1	30.5	30.3	30.6	30.4	30.6	30.3	30.2
YP_513025.1	23.7	23.4	23.9	23.8	24.3	24.1	23.9	23.5	24.8	26.4	23.7
YP_512986.1	29.1	29.2	29.1	29.1	28.9	29.1	29.6	29.6	29.4	29.2	29.2
YP_514053.1	28.1	28.0	27.9	27.9	27.8	27.8	28.4	28.4	28.4	28.1	28.1
YP_513255.1	29.8	29.8	29.7	29.8	29.6	29.6	30.1	30.4	30.0	29.2	29.8
YP_513710.1	25.0	24.8	25.1	25.1	24.9	25.0	25.0	25.3	25.6	26.2	25.3
YP_512882.1	27.0	27.0	26.9	27.1	27.1	27.0	27.3	27.5	27.2	26.5	27.1
YP_514404.1	25.1	25.1	25.3	25.3	25.0	25.3	25.7	25.7	25.3	25.3	25.3
YP_514242.1	26.9	26.2	27.3	27.0	27.2	27.4	27.2	27.1	27.3	28.0	27.0
YP_514443.1	25.3	25.2	25.4	25.2	25.6	25.2	25.8	25.2	26.1	26.9	25.4
YP_514482.1	29.6	29.3	29.5	29.5	29.4	29.4	29.9	29.9	29.8	29.6	29.5
YP_514406.1	31.4	31.4	31.3	31.4	31.4	31.3	31.8	31.8	31.7	31.6	31.4
YP_513090.1	24.4	23.9	24.3	23.8	23.8	24.0	24.6	24.7	24.5	23.7	24.1
YP_512975.1	29.5	29.3	29.3	29.4	29.3	29.4	29.8	30.0	29.6	28.9	29.4
YP_514231.1	33.1	32.9	33.1	33.0	33.1	33.1	33.4	33.5	33.4	33.1	33.0
YP_512903.1	28.8	28.9	28.7	28.8	28.6	28.7	29.2	29.3	29.2	28.9	28.8
YP_513924.1	26.5	26.7	26.6	26.7	27.0	26.7	26.7	26.6	27.8	27.5	26.7
YP_513757.1	32.8	32.8	32.8	32.8	32.8	32.8	33.2	33.2	33.2	32.9	32.9
YP_512983.1	24.0	23.6	23.8	24.2	23.7	24.4	24.4	24.4	23.9	24.5	24.1

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_512868.1	28.4	28.2	28.4	28.3	28.4	28.4	28.7	28.8	28.7	28.2	28.3
YP_514236.1	28.5	28.4	28.4	28.4	28.3	28.4	28.9	28.9	28.8	28.3	28.4
YP_514200.1	32.8	32.2	32.8	32.6	32.8	32.7	33.1	33.0	33.0	32.9	32.6
YP_514232.1	25.5	25.6	25.7	25.6	25.5	25.6	26.1	26.0	26.0	26.2	25.8
YP_512832.1	27.5	27.2	27.5	27.3	27.4	27.2	27.9	27.8	27.9	27.2	27.3
YP_513761.1	28.2	28.1	28.3	28.2	28.2	28.2	28.6	28.7	28.6	28.3	28.2
YP_513716.1	33.1	33.1	33.2	33.1	33.3	33.2	33.6	33.4	33.7	33.8	33.1
YP_513200.1	28.9	29.0	28.9	29.1	29.1	29.0	29.4	29.3	29.5	29.4	29.1
YP_513641.1	30.9	30.9	31.0	30.8	31.2	31.0	31.3	31.2	31.6	31.4	30.9
YP_513603.1	28.3	28.3	28.3	28.3	28.4	28.4	28.8	28.7	28.9	28.4	28.4
YP_513196.1	24.6	23.8	24.6	24.6	24.3	24.4	25.1	23.9	25.2	25.6	24.0
YP_514026.1	25.1	25.1	25.2	25.1	25.2	25.3	25.5	25.5	25.7	25.8	25.0
YP_513466.1	29.0	28.8	28.9	28.9	29.1	29.0	29.5	29.2	29.4	29.2	29.0
YP_513451.1	27.0	27.0	27.1	27.2	26.8	27.2	27.6	27.6	27.2	27.0	27.3
YP_513730.1	28.0	27.9	28.0	27.9	28.0	28.2	28.4	28.5	28.4	28.1	28.0
YP_514430.1	27.4	27.4	27.2	27.3	27.2	27.2	27.9	27.8	27.7	26.7	27.4
YP_513232.1	25.4	25.4	25.5	25.3	25.5	25.7	25.9	26.0	25.8	25.7	25.3
YP_514333.1	28.2	28.3	28.1	28.1	28.1	28.1	28.7	28.6	28.7	28.2	28.1
YP_513161.1	25.7	25.7	25.9	25.8	25.7	26.0	26.2	26.2	26.4	25.8	25.5
YP_513495.1	28.0	28.0	28.0	27.9	27.9	28.1	28.5	28.5	28.5	28.1	27.9
YP_513996.1	28.6	28.7	28.6	28.5	28.5	28.6	29.0	29.2	29.2	28.4	28.5
YP_512948.1	27.1	27.1	27.3	27.1	27.3	27.3	27.6	27.5	27.9	26.0	26.9
YP_513547.1	29.6	29.2	29.7	29.3	29.6	29.7	29.7	29.8	30.5	31.6	29.4
YP_513211.1	29.7	29.5	29.8	29.7	29.9	29.8	30.2	29.9	30.4	30.5	29.8
YP_513726.1	27.4	27.4	27.6	27.5	27.9	27.8	28.2	27.7	28.0	28.8	27.6
YP_514175.1	27.3	27.4	27.2	27.4	26.9	27.0	27.7	28.0	27.8	26.7	27.4
YP_513253.1	26.8	26.8	26.6	26.7	26.8	26.8	27.1	27.2	27.3	26.8	26.8
YP_513179.1	25.5	25.7	25.7	25.5	26.3	26.0	26.3	26.0	26.1	25.7	25.9

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA											
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2	
YP_513827.1	30.9	30.8	30.9	30.9	31.1	31.1	31.4	31.4	31.5	31.1	30.9	
YP_514280.1	19.9	21.2	19.4	20.9	20.9	20.6	20.2	19.8	21.9	20.9	20.0	
YP_513074.1	30.4	30.3	30.7	30.4	30.8	30.7	30.9	31.0	31.1	31.3	30.4	
YP_513250.1	26.7	26.8	27.2	26.7	27.2	26.9	27.2	26.8	28.1	28.9	26.9	
YP_514076.1	24.5	24.6	24.7	24.7	24.5	24.5	25.2	25.1	25.0	23.7	24.5	
YP_514219.1	28.1	27.9	28.0	28.0	28.0	28.1	28.6	28.5	28.5	27.6	27.9	
YP_513760.1	27.2	27.2	27.2	27.2	27.2	27.2	27.8	27.6	27.7	27.4	27.1	
YP_514119.1	31.0	31.0	31.0	31.0	30.9	30.9	31.5	31.5	31.4	30.7	30.9	
YP_514115.1	31.0	31.0	31.0	31.0	30.9	30.9	31.5	31.5	31.4	30.7	30.9	
YP_513260.1	25.1	25.2	25.2	25.4	25.2	25.2	25.6	25.6	25.8	25.6	25.4	
YP_514191.1	29.2	29.4	29.2	29.3	29.2	29.2	29.8	29.9	29.7	29.2	29.4	
YP_514224.1	27.1	27.3	27.1	26.8	27.0	27.2	27.6	27.7	27.8	26.6	26.7	
YP_513262.1	27.9	27.9	27.9	28.0	27.9	28.0	28.4	28.3	28.5	28.3	28.2	
YP_513868.1	30.5	30.4	30.5	30.6	30.4	30.4	31.0	31.0	31.0	30.5	30.6	
YP_513770.1	27.2	27.2	27.2	27.2	27.3	27.2	27.6	27.5	28.1	28.0	27.2	
YP_513598.1	25.9	25.9	26.0	25.9	26.2	26.3	26.5	26.3	26.6	26.5	26.0	
YP_514558.1	28.1	28.0	28.2	28.1	28.8	28.7	28.8	28.1	28.9	29.1	28.0	
YP_514338.1	28.2	27.9	28.3	28.0	28.4	28.3	28.8	28.2	29.1	29.5	28.0	
YP_513036.1	30.2	30.1	30.4	30.1	30.6	30.6	30.9	29.9	31.5	32.2	30.3	
YP_513353.1	28.8	28.6	28.8	28.5	29.0	29.1	29.4	29.1	29.4	29.1	28.7	
YP_513390.1	28.9	28.8	28.7	28.7	28.8	28.7	29.3	29.3	29.4	29.0	28.8	
YP_514098.1	29.5	29.5	29.5	29.5	29.5	29.4	29.9	30.3	30.0	29.4	29.6	
YP_513531.1	27.0	27.0	27.2	27.0	27.3	27.1	27.5	27.6	27.6	27.2	27.0	
YP_514126.1	26.9	26.9	26.8	26.9	26.6	26.7	27.5	27.5	27.4	27.0	27.1	
YP_513117.1	29.3	28.6	29.3	28.9	29.4	29.7	29.7	29.8	29.4	29.3	29.4	
YP_514353.1	27.2	27.2	27.2	27.2	27.3	27.3	27.7	27.7	27.9	27.2	27.2	
YP_513482.1	24.0	23.8	24.0	24.3	24.4	24.1	24.7	23.7	25.1	26.0	24.0	
YP_514177.1	29.5	29.2	29.4	29.4	29.5	29.4	29.9	29.9	30.0	29.5	29.3	

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514065.1	26.5	25.9	26.9	26.0	27.2	27.2	27.1	26.8	27.1	27.0	25.9
YP_514541.1	26.2	26.4	26.3	26.5	26.5	26.4	26.9	26.9	26.9	26.9	26.2
YP_513732.1	14.9	17.9	18.8	18.1	18.7	17.6	18.0	16.1	19.2	18.6	18.4
YP_513442.1	26.8	26.7	26.8	26.8	26.9	26.8	27.4	27.1	27.5	27.4	26.9
YP_514167.1	29.7	29.8	29.6	29.7	29.7	29.7	30.2	30.5	30.2	29.4	29.7
YP_514273.1	24.4	24.0	24.3	24.4	24.4	24.1	24.7	24.9	24.9	24.5	24.3
YP_514086.1	25.9	26.1	25.9	26.0	25.8	25.9	26.5	26.8	26.4	25.4	25.9
YP_514509.1	32.0	32.0	31.9	32.1	31.9	31.9	32.6	32.6	32.5	31.9	31.9
YP_513444.1	25.5	25.0	25.7	25.2	25.5	25.9	26.0	26.1	25.9	24.9	25.5
YP_513089.1	24.9	24.6	24.9	24.7	25.0	25.0	25.3	25.5	25.4	25.1	24.9
YP_513874.1	33.8	33.8	34.2	33.9	34.5	34.3	34.6	34.1	34.9	35.4	33.9
YP_513039.1	31.2	31.3	31.3	31.2	31.7	31.4	32.2	31.2	32.3	32.9	31.2
YP_514405.1	31.2	31.3	31.1	31.2	31.2	31.1	31.7	31.9	31.8	31.3	31.1
YP_513361.1	30.6	30.6	30.6	30.5	30.7	30.7	31.3	31.2	31.2	30.5	30.5
YP_513625.1	29.9	30.0	29.9	30.0	29.9	29.9	30.6	30.6	30.5	29.9	29.9
YP_514182.1	26.0	26.1	26.7	26.4	26.7	26.2	26.6	26.6	27.5	28.4	26.6
YP_513916.1	29.9	30.3	30.3	30.2	30.2	30.2	30.6	30.8	30.9	30.9	30.1
YP_514433.1	29.4	29.6	29.4	29.6	29.4	29.5	30.1	30.2	30.1	29.5	29.6
YP_513309.1	29.4	29.4	29.3	29.4	29.3	29.5	30.1	30.1	29.9	29.3	29.3
YP_513765.1	25.5	25.4	25.3	25.4	25.5	25.3	26.0	26.0	26.1	25.4	25.2
YP_514425.1	26.6	25.5	25.7	25.4	26.3	26.3	26.9	25.9	26.9	27.8	25.5
YP_513150.1	22.5	22.5	22.3	22.3	22.3	22.9	23.0	23.0	23.2	23.0	22.6
YP_513496.1	27.6	27.7	27.4	27.6	27.4	27.4	28.1	28.3	28.2	27.2	27.6
YP_514302.1	26.2	26.3	26.2	26.2	26.0	26.2	26.8	26.9	26.9	26.4	26.2
YP_513978.1	24.8	24.4	24.4	24.4	24.5	24.5	25.2	25.0	25.3	24.9	24.3
YP_513364.1	29.2	28.9	29.1	29.1	29.3	29.3	29.7	29.8	29.6	29.2	29.1
YP_514477.1	31.4	31.4	31.4	31.4	31.5	31.4	32.1	32.1	32.0	31.5	31.4
YP_514285.1	24.3	24.3	24.5	24.4	24.8	24.8	25.0	24.7	25.4	25.9	24.5

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514079.1	23.3	23.3	23.8	24.2	23.8	23.5	24.3	24.0	24.0	23.5	23.4
YP_514422.1	34.0	33.9	33.9	34.0	34.0	34.0	34.6	34.6	34.6	33.8	34.0
YP_513762.1	28.0	27.9	28.1	27.9	28.0	28.0	28.5	28.7	28.7	28.0	27.8
YP_513616.1	27.6	27.5	27.5	27.4	27.2	27.5	28.1	28.2	28.1	27.0	27.3
YP_513322.1	29.5	29.5	29.4	29.6	29.4	29.4	30.2	30.2	30.0	29.2	29.5
YP_514067.1	27.4	27.6	27.3	27.6	27.4	27.5	28.0	28.1	28.2	27.2	27.5
YP_514463.1	30.0	29.7	30.1	29.8	30.5	30.4	30.8	30.2	30.8	31.0	29.9
YP_513254.1	28.6	28.7	28.5	28.6	28.4	28.4	29.3	29.4	29.1	27.9	28.6
YP_512894.1	25.8	25.8	25.9	25.6	26.5	26.5	26.5	26.3	26.8	27.0	25.6
YP_513508.1	25.1	24.9	25.4	24.8	26.6	25.7	26.2	24.7	26.5	28.0	24.8
YP_514481.1	26.2	26.0	26.0	26.4	26.6	26.8	26.8	26.3	27.1	27.5	26.4
YP_513383.1	21.7	20.9	21.8	21.6	22.7	21.6	23.3	20.2	23.0	24.3	21.8
YP_513042.1	31.0	31.0	31.4	31.0	31.8	31.4	31.9	31.1	32.4	33.3	31.0
YP_513794.1	26.6	26.6	26.6	26.6	26.6	26.6	27.3	27.4	27.1	26.5	26.7
YP_513733.1	24.7	22.8	25.0	23.5	25.3	25.3	23.7	25.4	25.5	25.4	23.5
YP_513343.1	30.1	29.9	30.0	30.1	30.1	30.2	30.7	30.7	30.7	30.3	30.0
YP_514519.1	24.9	24.9	25.0	24.8	25.4	25.3	25.8	25.3	25.8	25.5	25.0
YP_514399.1	34.1	33.9	34.0	34.1	33.8	34.0	34.7	34.9	34.5	33.5	34.1
YP_513078.1	28.9	29.0	28.9	28.9	29.0	29.1	29.6	29.7	29.6	29.0	28.9
YP_513575.1	23.4	23.4	23.5	23.4	23.1	23.6	24.3	24.4	23.7	22.4	23.8
YP_513979.1	26.5	26.4	26.3	26.5	26.2	26.3	27.2	27.3	26.8	25.7	26.4
YP_514055.1	28.2	28.6	28.9	28.4	28.9	28.7	29.1	29.0	29.8	30.4	28.5
YP_514429.1	25.3	25.3	25.3	25.4	26.0	25.8	26.2	25.7	26.2	26.4	25.4
YP_513789.1	23.9	24.0	21.4	22.0	24.3	20.4	23.6	24.1	23.9	23.9	22.4
YP_512949.1	25.2	24.7	24.9	25.0	25.2	25.0	25.6	25.6	25.8	25.2	24.7
YP_513725.1	31.0	30.7	31.5	30.9	31.9	31.8	32.2	31.3	32.0	32.3	31.1
YP_513349.1	30.8	30.5	30.7	30.8	30.7	30.8	31.7	31.3	31.3	30.7	30.8
YP_512929.1	29.0	29.0	29.0	29.0	29.0	28.9	29.8	29.8	29.5	28.7	29.0
YP_513149.1	23.4	21.7	23.7	22.6	24.3	23.9	23.8	23.6	23.6	23.8	23.0

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514454.1	28.7	28.7	28.6	28.6	28.5	28.5	29.3	29.6	29.4	28.5	28.9
YP_512938.1	26.3	26.3	26.4	26.4	26.8	26.6	27.1	26.5	27.7	28.1	26.2
YP_513454.1	31.4	31.2	31.5	31.4	31.8	31.6	32.3	31.8	32.3	32.3	31.4
YP_513289.1	28.9	28.4	29.1	28.4	29.2	29.4	29.5	29.6	29.5	29.3	28.7
YP_514084.1	26.6	26.5	26.7	26.7	26.7	26.8	27.4	27.0	27.6	27.3	26.8
YP_514173.1	23.5	23.2	23.4	24.2	23.6	23.9	24.3	24.1	24.0	24.1	23.9
YP_513707.1	19.0	17.1	18.6	18.5	18.9	19.2	19.7	18.5	18.8	19.6	0.0
YP_513934.1	19.5	19.6	20.0	19.9	20.5	18.1	20.5	21.0	19.8	20.4	19.6
YP_513755.1	25.6	25.6	25.4	25.5	25.9	25.7	26.2	26.4	26.3	26.0	25.4
YP_513670.1	20.2	19.4	19.7	19.7	19.6	19.6	20.0	20.7	20.8	16.7	18.8
YP_514247.1	29.4	28.6	29.8	28.9	30.0	29.9	29.9	29.9	30.4	31.1	29.0
YP_513722.1	24.2	23.5	23.7	23.6	23.5	23.8	24.5	24.7	24.6	23.2	23.4
YP_513942.1	28.3	27.9	28.4	28.1	28.9	28.7	29.1	28.7	29.1	28.8	28.0
YP_514082.1	26.1	26.3	26.2	26.3	26.2	26.0	27.0	27.0	27.0	26.1	26.4
YP_513576.1	25.3	24.9	25.3	25.1	25.6	25.5	26.0	25.6	26.2	26.3	25.1
YP_513844.1	32.2	31.9	32.0	32.0	32.0	32.1	32.8	32.9	32.8	31.9	32.1
YP_512912.1	32.2	31.9	32.0	32.0	32.0	32.1	32.8	32.9	32.8	31.9	32.1
YP_514235.1	26.9	26.9	26.9	26.8	26.9	27.0	27.7	27.7	27.6	26.7	26.8
YP_513571.1	29.3	28.5	29.3	29.0	29.4	29.4	30.0	29.9	29.7	29.5	29.4
YP_514180.1	28.2	28.1	28.2	28.2	28.5	28.4	29.1	28.8	29.1	28.5	28.2
YP_514108.1	33.0	32.4	33.5	32.5	33.9	33.8	33.9	33.3	34.2	34.8	32.8
YP_514525.1	25.4	25.8	25.3	25.3	26.3	25.6	26.5	26.7	25.6	25.6	25.9
YP_513021.1	27.7	27.3	27.8	27.5	27.7	27.8	28.4	28.6	28.4	27.6	27.8
YP_514061.1	31.5	31.7	31.7	31.6	31.7	31.6	32.5	32.4	32.5	32.2	31.6
YP_513826.1	32.7	32.5	32.8	32.6	32.7	32.7	33.5	33.7	33.4	32.4	32.6
YP_514368.1	25.4	25.4	25.8	25.6	26.0	25.8	26.4	26.1	26.6	27.1	25.6
YP_513319.1	28.8	28.8	28.7	28.8	28.7	28.7	29.6	29.8	29.4	28.6	28.8
YP_514174.1	32.3	31.4	32.5	31.8	32.6	32.7	32.9	33.1	32.8	32.4	32.2

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514411.1	32.3	32.3	32.3	32.3	32.4	32.4	33.3	33.0	33.2	32.6	32.4
YP_514432.1	30.0	30.1	30.0	30.0	30.2	30.1	31.0	30.7	31.0	30.4	30.1
YP_514334.1	28.1	27.6	28.1	27.8	28.3	28.3	28.8	28.8	28.7	28.2	28.1
YP_514512.1	27.7	27.5	27.6	27.6	28.0	27.8	28.8	27.6	29.0	29.5	27.5
YP_514124.1	30.2	30.1	30.2	30.2	30.2	30.2	31.0	31.1	31.0	30.0	30.2
YP_513528.1	27.3	27.2	27.2	27.1	27.5	27.6	28.2	28.0	28.1	27.3	27.3
YP_513651.1	26.5	26.5	26.7	26.5	26.8	26.8	27.6	27.3	27.4	26.6	26.6
YP_514445.1	26.0	25.8	26.0	25.9	27.0	26.9	27.2	26.2	27.1	27.3	25.9
YP_514298.1	27.5	27.5	27.3	27.5	27.4	27.4	28.3	28.4	28.4	27.6	27.5
YP_513509.1	23.7	23.6	23.0	23.5	23.4	23.4	24.6	24.5	24.0	23.4	23.4
YP_514325.1	21.1	20.3	22.0	19.6	21.7	21.9	21.9	22.3	21.9	21.4	20.6
YP_512842.1	27.7	27.8	27.7	27.7	27.6	27.6	28.6	28.7	28.6	27.9	27.7
YP_513605.1	28.1	28.1	28.1	28.3	28.2	28.1	29.0	29.1	29.0	27.7	28.0
YP_514300.1	22.2	23.0	22.7	22.2	22.6	22.1	23.8	23.7	23.1	22.8	21.5
YP_513573.1	27.2	27.2	27.4	27.2	27.8	27.6	28.1	28.1	28.3	28.2	27.4
YP_512931.1	29.1	29.1	29.1	29.2	29.0	29.0	30.0	30.1	29.9	28.9	29.1
YP_513350.1	25.2	25.1	25.0	24.9	24.7	24.5	26.1	26.2	25.9	25.5	25.2
YP_513453.1	25.0	24.3	24.6	24.7	24.7	25.7	25.4	25.8	25.6	26.3	24.3
YP_514414.1	33.1	32.9	32.9	33.0	32.9	32.9	34.0	34.0	33.7	32.5	33.1
YP_514225.1	22.9	23.1	23.4	23.4	23.4	23.0	24.3	23.9	24.1	23.7	22.8
YP_514081.1	27.9	27.9	28.0	28.1	28.1	28.1	28.9	29.0	28.8	27.8	28.0
YP_513865.1	27.1	27.2	27.2	27.2	27.1	27.1	28.1	28.3	28.1	26.5	27.0
YP_513334.1	27.0	27.0	27.1	27.1	27.1	27.2	28.0	28.0	28.0	26.9	27.1
YP_512961.1	28.8	28.4	28.8	28.6	29.9	29.6	30.2	28.6	30.2	30.3	28.7
YP_513443.1	22.9	22.3	23.3	22.8	24.7	24.3	24.0	22.9	24.4	24.5	22.5
YP_513464.1	23.1	23.3	22.9	23.3	22.8	22.7	24.3	24.1	23.9	22.2	23.1
YP_513607.1	25.3	25.5	25.4	25.4	25.6	25.6	26.4	26.4	26.5	25.9	25.3
YP_513412.1	22.5	22.4	23.2	22.6	25.0	23.5	24.4	22.0	24.6	24.9	21.8
YP_513728.1	28.7	28.8	28.7	28.7	28.8	28.7	29.7	29.8	29.7	29.1	28.7

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_513791.1	24.3	24.0	24.4	24.3	24.8	24.6	25.5	24.6	25.7	26.1	24.4
YP_512823.1	24.3	23.7	26.0	24.2	24.8	24.6	25.3	25.7	26.0	25.3	24.0
YP_513027.1	29.8	29.4	30.0	29.6	30.5	30.4	31.1	29.8	31.4	32.0	29.8
YP_514544.1	26.0	26.0	26.2	26.0	26.1	25.9	26.1	29.1	26.1	25.9	25.9
YP_512824.1	30.0	29.2	30.3	29.3	31.1	31.0	30.7	30.4	31.4	32.1	29.7
YP_513228.1											
YP_514021.1_s hared	28.3	28.1	28.3	0.0	0.0	0.0	29.1	29.3	29.3	0.0	0.0
YP_514436.1	29.6	29.6	29.9	29.7	30.4	30.3	30.8	30.6	30.9	31.0	29.6
YP_514145.1	28.9	28.7	29.3	28.8	29.8	29.5	30.0	29.1	31.0	32.3	29.0
YP_514132.1	19.8	19.1	19.5	19.8	20.3	19.5	21.5	19.6	20.6	19.6	18.3
YP_513970.1	23.0	23.0	23.0	23.0	24.3	23.8	24.3	23.5	24.4	24.5	23.3
YP_514457.1	20.3	21.1	20.8	20.7	19.2	19.8	21.8	22.5	21.1	20.3	20.9
YP_513503.1	28.3	28.1	28.8	28.2	28.9	28.5	29.4	29.1	30.1	30.6	28.3
YP_513120.1	26.3	25.8	26.3	26.1	27.1	27.2	27.3	27.0	27.4	27.7	26.3
YP_514054.1	30.5	30.6	30.4	30.5	30.5	30.4	31.6	31.7	31.6	30.3	30.6
YP_514234.1	24.7	24.5	24.7	24.6	24.9	24.7	25.8	25.8	25.7	24.4	24.7
YP_513156.1	25.4	25.1	24.8	25.8	24.5	25.1	26.2	26.4	26.0	25.8	24.8
YP_513436.1	26.1	25.3	26.6	25.7	27.1	27.1	27.2	26.9	27.3	27.4	25.8
YP_514381.2	26.7	26.5	26.5	26.5	26.8	26.7	27.8	26.9	28.3	28.9	26.6
YP_513864.1	28.0	28.2	28.1	28.1	28.0	28.0	29.2	29.4	29.2	27.4	27.8
YP_513825.1	32.0	31.0	32.2	31.3	32.4	32.4	32.9	32.8	32.9	32.9	31.8
YP_512881.1	21.4	21.7	21.9	22.8	22.5	22.7	22.8	23.2	22.5	22.0	22.1
YP_513931.1	23.8	23.6	24.3	24.3	25.8	25.1	26.0	23.9	25.4	25.7	24.1
YP_514416.1	30.4	30.1	30.5	30.3	31.0	30.9	31.7	31.2	31.7	31.3	30.4
YP_512974.1	28.8	29.0	29.2	29.2	29.9	29.5	30.2	30.0	30.4	30.2	29.5
YP_513490.1	20.0	22.0	21.0	21.4	21.6	22.3	22.6	21.7	22.4	21.3	21.6
YP_514044.1	25.3	25.1	25.7	25.2	26.1	25.9	26.7	26.5	26.7	26.1	25.5
YP_512955.1	21.0	20.3	19.9	20.4	21.4	21.3	22.0	21.3	21.8	21.6	20.8

	log2 Cyclic Loess Normalized Exclusive Intensities for DIA										
id	WT.1	WT.2	WT.3	delt_rpsU1 .1	delt_rpsU1 .2	delt_rpsU1 .3	delt_rpsU2 .1	delt_rpsU2 .2	delt_rpsU2 .3	delt_rpsU3 .1	delt_rpsU3 .2
YP_514346.1	33.8	33.7	34.0	33.7	34.2	33.9	35.0	35.0	35.3	35.0	33.7
YP_514049.1	29.3	29.0	29.2	29.3	29.1	29.2	30.5	30.5	30.4	29.4	29.3
YP_513867.1	25.6	25.5	26.0	25.6	26.4	26.1	26.9	26.2	28.0	28.9	25.8
YP_513320.1	24.5	24.5	24.4	24.5	24.4	24.1	25.8	26.0	25.7	23.9	24.4
YP_513340.1	21.2	21.0	20.9	21.5	21.5	21.8	21.8	22.3	23.3	25.2	21.3
YP_513609.1	23.1	22.5	23.4	23.2	24.9	24.7	24.8	23.7	24.8	24.8	22.9
YP_512970.1	28.4	28.1	28.8	28.3	29.5	29.0	29.9	28.5	31.2	33.0	28.4
YP_514066.1	26.5	25.8	27.1	26.1	28.3	28.0	28.2	26.8	28.9	30.0	26.3
YP_514172.1	26.2	26.2	26.3	26.2	26.4	26.1	27.6	27.8	27.8	26.3	26.2
YP_514033.1	24.3	24.1	24.4	24.5	24.3	23.9	25.9	26.0	25.9	24.7	24.0
YP_514507.1	25.9	25.5	26.1	25.6	27.7	27.3	28.2	26.5	27.9	27.7	25.8
YP_514456.1	27.8	27.7	27.6	27.7	27.6	27.8	29.4	29.5	29.3	27.8	28.0
YP_514403.1	25.7	25.6	26.0	25.5	26.2	25.9	27.5	27.2	28.5	28.1	25.6
YP_514363.1	22.7	22.6	23.1	22.3	22.7	22.4	24.7	24.8	24.9	22.7	23.1
YP_513415.1	17.8	18.9	19.3	18.9	19.8	19.7	20.4	21.6	19.9	17.9	19.2
YP_513633.1	19.3	17.7	20.3	18.3	21.1	21.0	22.0	19.9	22.1	20.7	19.0
YP_513617.1	29.3	28.9	29.5	29.1	30.6	30.1	31.8	30.2	33.5	33.8	29.2
YP_513822.1	27.7	27.2	27.8	27.4	28.0	28.0	30.2	30.0	30.7	29.8	27.5
YP_514493.1	18.8	18.6	0.0	20.2	19.8	20.1	16.5	18.7	18.6	17.8	19.3
YP_512942.1	20.8	19.9	20.7	21.7	24.4	25.0	27.1	24.6	27.3	26.1	20.3
YP_514339.1	16.4	0.0	14.8	16.9	14.8	14.6	15.1	17.6	17.0	0.0	14.4

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513747.1	33.1	0.34	18.71	1.0E+00	-32.44	18.71	3.8E-21	0.64	18.71	6.0E-01
YP_513580.1	0.0	0.35	13.64	1.0E+00	-10.89	13.64	1.4E-01	-5.46	13.64	6.3E-01
YP_513220.1	15.0	-0.65	16.46	1.0E+00	-5.98	16.46	1.4E-01	-0.01	16.46	1.0E+00
YP_513851.1	24.1	-0.55	23.30	1.0E+00	-2.39	23.30	9.6E-05	0.40	23.30	6.3E-01
YP_512919.1	24.1	-0.55	23.30	1.0E+00	-2.39	23.30	9.6E-05	0.40	23.30	6.3E-01
YP_514254.1	25.3	-0.41	25.13	1.0E+00	-2.14	25.13	1.3E-03	-0.43	25.13	6.3E-01
YP_513010.1	22.5	-0.02	22.80	1.0E+00	-1.84	22.80	5.8E-06	-0.63	22.80	6.0E-01
YP_513017.1	25.1	-0.10	25.01	1.0E+00	-1.82	25.01	7.7E-07	-0.19	25.01	6.3E-01
YP_513601.1	21.2	-0.37	20.77	1.0E+00	-1.79	20.77	3.6E-03	0.06	20.77	9.5E-01
YP_513628.1	16.6	-0.20	18.17	1.0E+00	-1.78	18.17	4.6E-01	-1.85	18.17	6.3E-01
YP_514496.1	26.8	-0.12	26.23	1.0E+00	-1.75	26.23	1.2E-03	-0.22	26.23	7.3E-01
YP_513787.1	30.2	-0.01	29.86	1.0E+00	-1.42	29.86	1.9E-06	0.16	29.86	6.3E-01
YP_514317.1	24.9	-0.20	24.73	1.0E+00	-1.42	24.73	3.6E-04	-0.30	24.73	6.3E-01
YP_513786.1	23.4	-0.20	23.77	1.0E+00	-1.40	23.77	6.8E-05	-0.37	23.77	6.0E-01
YP_514023.1	24.0	-0.63	22.65	1.0E+00	-1.38	22.65	3.7E-01	-0.06	22.65	9.8E-01
YP_513363.1	23.9	-0.19	23.94	1.0E+00	-1.37	23.94	1.1E-02	-0.59	23.94	6.1E-01
YP_514324.1	19.6	-0.13	19.54	1.0E+00	-1.37	19.54	7.6E-02	-0.89	19.54	6.0E-01
YP_513465.1	26.5	-0.11	26.30	1.0E+00	-1.36	26.30	1.3E-08	-0.09	26.30	6.3E-01
YP_513000.1	17.5	-0.81	16.47	1.0E+00	-1.36	16.47	8.0E-01	-0.84	16.47	8.9E-01
YP_513080.1	24.1	0.20	24.14	1.0E+00	-1.34	24.14	5.8E-04	-0.18	24.14	7.0E-01
YP_514527.1	20.1	-0.36	19.96	1.0E+00	-1.32	19.96	1.1E-02	-0.84	19.96	6.0E-01
YP_514530.1	24.0	-0.23	24.06	1.0E+00	-1.28	24.06	2.6E-03	-0.34	24.06	6.3E-01
YP_512896.1	29.3	0.33	28.69	1.0E+00	-1.28	28.69	1.6E-04	0.30	28.69	6.1E-01
YP_513245.1	27.3	-0.06	27.03	1.0E+00	-1.27	27.03	9.7E-06	-0.05	27.03	8.6E-01
YP_514476.1	20.0	-0.13	19.28	1.0E+00	-1.27	19.28	2.0E-01	-1.09	19.28	6.1E-01
YP_512853.1	30.8	0.02	30.62	1.0E+00	-1.26	30.62	5.3E-06	0.06	30.62	8.4E-01
YP_513848.1	30.1	0.00	29.78	1.0E+00	-1.24	29.78	5.9E-07	0.02	29.78	9.4E-01
YP_512916.1	30.1	0.00	29.78	1.0E+00	-1.24	29.78	5.9E-07	0.02	29.78	9.4E-01
YP_513849.1	26.3	-0.15	25.74	1.0E+00	-1.20	25.74	1.6E-02	-0.15	25.74	8.2E-01
YP_512917.1	26.3	-0.15	25.74	1.0E+00	-1.20	25.74	1.6E-02	-0.15	25.74	8.2E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3.3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513347.1	26.8	0.07	26.82	1.0E+00	-1.19	26.82	1.0E-04	0.22	26.82	6.2E-01
YP_513542.1	26.5	-0.12	25.97	1.0E+00	-1.16	25.97	6.1E-04	0.17	25.97	6.7E-01
YP_514284.1	22.4	-0.23	22.41	1.0E+00	-1.13	22.41	2.0E-02	-0.21	22.41	7.4E-01
YP_512985.1	18.4	-1.29	18.00	1.0E+00	-1.12	18.00	8.7E-01	-2.59	18.00	6.8E-01
YP_514131.1	25.5	0.00	25.29	1.0E+00	-1.12	25.29	4.6E-05	-0.13	25.29	6.7E-01
YP_513847.1	27.6	-0.06	27.17	1.0E+00	-1.12	27.17	3.7E-08	0.12	27.17	6.0E-01
YP_512915.1	27.6	-0.06	27.17	1.0E+00	-1.12	27.17	3.7E-08	0.12	27.17	6.0E-01
YP_513137.1	24.0	-1.25	23.30	1.0E+00	-1.08	23.30	3.0E-01	-0.08	23.30	9.6E-01
YP_513268.1	22.6	0.39	22.47	1.0E+00	-1.07	22.47	4.2E-02	-0.05	22.47	9.6E-01
YP_513402.1	23.1	-0.20	23.29	1.0E+00	-1.05	23.29	6.1E-03	-0.55	23.29	6.0E-01
YP_513471.1	21.7	-0.16	21.35	1.0E+00	-1.03	21.35	4.8E-03	-0.08	21.35	8.7E-01
YP_512943.1	25.4	-0.10	24.98	1.0E+00	-1.02	24.98	1.4E-01	0.02	24.98	9.8E-01
YP_513448.1	23.6	-0.26	23.81	1.0E+00	-1.02	23.81	1.5E-02	-0.38	23.81	6.2E-01
YP_514358.1	26.0	-0.10	26.11	1.0E+00	-1.01	26.11	2.8E-05	-0.17	26.11	6.2E-01
YP_513899.1	26.6	-0.05	26.81	1.0E+00	-1.01	26.81	1.1E-03	-0.30	26.81	6.1E-01
YP_514486.1	23.9	-0.27	24.03	1.0E+00	-0.98	24.03	3.4E-02	-0.30	24.03	6.3E-01
YP_513856.1	30.0	-0.02	29.72	1.0E+00	-0.98	29.72	6.8E-07	0.00	29.72	1.0E+00
YP_512924.1	30.0	-0.02	29.72	1.0E+00	-0.98	29.72	6.8E-07	0.00	29.72	1.0E+00
YP_513850.1	30.3	-0.10	29.95	1.0E+00	-0.97	29.95	1.9E-06	-0.03	29.95	8.7E-01
YP_512918.1	30.3	-0.10	29.95	1.0E+00	-0.97	29.95	1.9E-06	-0.03	29.95	8.7E-01
YP_513852.1	26.3	-0.06	25.92	1.0E+00	-0.94	25.92	2.2E-03	0.13	25.92	7.3E-01
YP_512920.1	26.3	-0.06	25.92	1.0E+00	-0.94	25.92	2.2E-03	0.13	25.92	7.3E-01
YP_514064.1	27.9	-0.14	27.85	1.0E+00	-0.94	27.85	6.5E-02	0.18	27.85	7.9E-01
YP_514154.1	33.9	0.05	33.67	1.0E+00	-0.93	33.67	2.3E-03	0.19	33.67	6.3E-01
YP_513902.1	31.3	-0.18	31.27	1.0E+00	-0.92	31.27	1.6E-04	-0.27	31.27	6.0E-01
YP_513486.1	20.6	-0.39	20.83	1.0E+00	-0.92	20.83	1.1E-02	-0.50	20.83	6.0E-01
YP_514110.1	25.4	-0.11	25.32	1.0E+00	-0.92	25.32	5.5E-04	-0.15	25.32	6.3E-01
YP_514037.1	24.9	-0.21	25.13	1.0E+00	-0.90	25.13	8.0E-03	-0.51	25.13	6.0E-01
YP_514415.1	27.8	-0.23	27.70	1.0E+00	-0.90	27.70	2.8E-03	-0.15	27.70	6.9E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513802.1	30.0	-0.04	29.91	1.0E+00	-0.88	29.91	2.4E-06	-0.16	29.91	6.0E-01
YP_513452.1	23.5	-0.32	24.02	1.0E+00	-0.87	24.02	2.8E-02	-0.41	24.02	6.1E-01
YP_513525.1	27.6	0.00	27.65	1.0E+00	-0.87	27.65	7.8E-07	-0.09	27.65	6.3E-01
YP_514402.1	25.1	-0.05	25.19	1.0E+00	-0.86	25.19	3.5E-02	-0.21	25.19	7.0E-01
YP_513855.1	31.1	-0.02	30.74	1.0E+00	-0.86	30.74	5.8E-05	-0.01	30.74	9.8E-01
YP_512923.1	31.1	-0.02	30.74	1.0E+00	-0.86	30.74	5.8E-05	-0.01	30.74	9.8E-01
YP_513854.1	28.0	-0.02	27.78	1.0E+00	-0.85	27.78	1.6E-04	0.23	27.78	6.0E-01
YP_512922.1	28.0	-0.02	27.78	1.0E+00	-0.85	27.78	1.6E-04	0.23	27.78	6.0E-01
YP_513926.1	21.1	-0.10	21.21	1.0E+00	-0.85	21.21	3.6E-02	-0.57	21.21	6.0E-01
YP_513160.1	33.6	0.02	33.34	1.0E+00	-0.84	33.34	6.1E-06	-0.05	33.34	7.9E-01
YP_513018.1	27.7	0.09	27.48	1.0E+00	-0.84	27.48	6.4E-06	0.00	27.48	1.0E+00
YP_513546.1	25.1	-0.14	25.26	1.0E+00	-0.83	25.26	1.0E-01	-0.45	25.26	6.2E-01
YP_513748.1	29.2	0.54	27.78	1.0E+00	-0.82	27.78	2.5E-01	0.82	27.78	6.0E-01
YP_513887.1	23.9	-0.05	24.18	1.0E+00	-0.82	24.18	3.8E-03	-0.27	24.18	6.1E-01
YP_514137.1	28.5	-0.13	28.63	1.0E+00	-0.81	28.63	8.4E-05	-0.17	28.63	6.1E-01
YP_512944.1	30.0	0.00	29.89	1.0E+00	-0.81	29.89	8.5E-06	-0.07	29.89	7.1E-01
YP_512846.1	29.0	-0.20	28.71	1.0E+00	-0.81	28.71	1.0E-03	-0.28	28.71	6.0E-01
YP_513002.1	31.9	-0.07	31.60	1.0E+00	-0.80	31.60	1.9E-04	0.01	31.60	9.7E-01
YP_514111.1	24.6	-0.07	24.66	1.0E+00	-0.80	24.66	2.6E-03	-0.22	24.66	6.3E-01
YP_514133.1	25.5	0.04	25.24	1.0E+00	-0.79	25.24	8.6E-04	0.16	25.24	6.3E-01
YP_512897.1	28.9	-0.02	28.80	1.0E+00	-0.79	28.80	4.3E-07	-0.02	28.80	8.6E-01
YP_514471.1	19.1	-0.78	19.83	1.0E+00	-0.78	19.83	3.2E-01	-0.99	19.83	6.0E-01
YP_513392.1	24.8	-0.01	24.75	1.0E+00	-0.78	24.75	3.0E-03	-0.18	24.75	6.3E-01
YP_513896.1	29.2	-0.09	29.00	1.0E+00	-0.78	29.00	1.2E-05	-0.07	29.00	6.9E-01
YP_513929.1	28.8	-0.12	28.65	1.0E+00	-0.76	28.65	6.3E-05	-0.02	28.65	9.4E-01
YP_513595.1	30.4	-0.11	30.53	1.0E+00	-0.76	30.53	8.9E-04	-0.31	30.53	6.0E-01
YP_513843.1	34.9	-0.20	34.55	1.0E+00	-0.75	34.55	2.2E-03	-0.16	34.55	6.3E-01
YP_512911.1	34.9	-0.20	34.55	1.0E+00	-0.75	34.55	2.2E-03	-0.16	34.55	6.3E-01
YP_512837.1	32.3	-0.06	32.28	1.0E+00	-0.75	32.28	6.3E-05	-0.18	32.28	6.0E-01
YP_513183.1	26.4	-0.07	26.54	1.0E+00	-0.75	26.54	8.5E-03	-0.34	26.54	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514504.1	31.5	-0.10	31.50	1.0E+00	-0.73	31.50	2.7E-03	-0.12	31.50	6.9E-01
YP_513988.1	31.5	-0.10	31.50	1.0E+00	-0.73	31.50	2.7E-03	-0.12	31.50	6.9E-01
YP_513059.1	31.5	-0.10	31.50	1.0E+00	-0.73	31.50	2.7E-03	-0.12	31.50	6.9E-01
YP_513447.1	26.8	-0.07	27.07	1.0E+00	-0.73	27.07	3.6E-04	-0.31	27.07	6.0E-01
YP_512838.1	30.4	-0.03	30.50	1.0E+00	-0.72	30.50	4.4E-05	-0.17	30.50	6.0E-01
YP_513244.1	28.8	-0.03	28.85	1.0E+00	-0.72	28.85	3.7E-06	-0.21	28.85	6.0E-01
YP_512872.1	26.9	0.11	26.15	1.0E+00	-0.71	26.15	8.6E-02	0.55	26.15	6.0E-01
YP_514019.1	28.1	-0.12	28.00	1.0E+00	-0.71	28.00	5.8E-04	-0.12	28.00	6.4E-01
YP_513792.1	25.4	-0.13	25.80	1.0E+00	-0.71	25.80	2.4E-02	-0.50	25.80	6.0E-01
YP_512887.1	25.9	-0.04	25.97	1.0E+00	-0.70	25.97	1.6E-04	-0.10	25.97	6.5E-01
YP_513428.1	28.5	0.00	28.61	1.0E+00	-0.70	28.61	1.6E-05	-0.09	28.61	6.3E-01
YP_513785.1	29.5	-0.15	29.53	1.0E+00	-0.69	29.53	7.5E-03	-0.24	29.53	6.2E-01
YP_513846.1	32.1	-0.10	31.57	1.0E+00	-0.69	31.57	5.8E-04	0.21	31.57	6.0E-01
YP_512914.1	32.1	-0.10	31.57	1.0E+00	-0.69	31.57	5.8E-04	0.21	31.57	6.0E-01
YP_513083.1	24.6	-0.06	24.74	1.0E+00	-0.68	24.74	1.4E-03	-0.07	24.74	7.8E-01
YP_513669.1	26.4	-0.20	26.70	1.0E+00	-0.68	26.70	1.2E-03	-0.36	26.70	6.0E-01
YP_512836.1	29.6	0.01	29.54	1.0E+00	-0.67	29.54	2.4E-06	-0.06	29.54	6.7E-01
YP_513111.1	23.7	-0.19	23.57	1.0E+00	-0.67	23.57	3.7E-02	-0.37	23.57	6.0E-01
YP_513109.1	31.9	-0.04	32.01	1.0E+00	-0.67	32.01	2.1E-01	0.28	32.01	6.9E-01
YP_512854.1	28.2	0.02	28.00	1.0E+00	-0.67	28.00	2.5E-05	-0.04	28.00	8.2E-01
YP_513968.1	24.1	0.00	23.86	1.0E+00	-0.66	23.86	2.5E-02	0.11	23.86	7.9E-01
YP_513964.1	26.2	0.01	26.48	1.0E+00	-0.66	26.48	3.0E-02	0.23	26.48	6.3E-01
YP_512865.1	22.8	0.00	22.36	1.0E+00	-0.66	22.36	3.0E-01	-0.05	22.36	9.6E-01
YP_513911.1	30.0	-0.06	29.97	1.0E+00	-0.66	29.97	6.5E-07	-0.10	29.97	6.0E-01
YP_513773.1	25.8	-0.09	25.89	1.0E+00	-0.66	25.89	4.9E-03	-0.13	25.89	6.6E-01
YP_513806.1	27.9	0.08	27.98	1.0E+00	-0.65	27.98	4.4E-05	-0.15	27.98	6.0E-01
YP_513221.1	26.8	0.01	26.31	1.0E+00	-0.65	26.31	1.1E-01	0.34	26.31	6.3E-01
YP_514492.1	24.8	0.16	24.68	1.0E+00	-0.65	24.68	2.7E-02	0.07	24.68	8.7E-01
YP_513639.1	26.7	0.29	26.28	1.0E+00	-0.65	26.28	1.6E-01	0.32	26.28	6.3E-01
YP_513928.1	29.5	-0.04	29.20	1.0E+00	-0.63	29.20	4.2E-06	0.12	29.20	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514189.1	28.0	-0.04	28.05	1.0E+00	-0.62	28.05	1.2E-03	-0.15	28.05	6.3E-01
YP_513886.1	25.8	-0.23	26.08	1.0E+00	-0.62	26.08	8.0E-03	-0.40	26.08	6.0E-01
YP_513510.1	25.7	-0.11	25.65	1.0E+00	-0.62	25.65	1.7E-01	-0.28	25.65	6.5E-01
YP_514205.1	17.1	0.39	16.58	1.0E+00	-0.61	16.58	9.2E-01	-6.00	16.58	6.0E-01
YP_513938.1	25.4	0.05	25.38	1.0E+00	-0.61	25.38	6.3E-04	-0.08	25.38	6.9E-01
YP_513433.1	30.7	0.04	30.60	1.0E+00	-0.60	30.60	9.4E-04	-0.06	30.60	7.7E-01
YP_514192.1	32.0	-0.03	31.86	1.0E+00	-0.60	31.86	7.4E-04	-0.02	31.86	9.2E-01
YP_513599.1	30.6	-0.04	30.52	1.0E+00	-0.59	30.52	9.4E-05	0.03	30.52	8.7E-01
YP_513011.1	27.8	0.01	27.60	1.0E+00	-0.59	27.60	3.8E-06	-0.02	27.60	8.7E-01
YP_513070.1	25.0	-0.07	24.92	1.0E+00	-0.59	24.92	2.9E-02	-0.11	24.92	7.5E-01
YP_513469.1	25.6	-0.15	25.91	1.0E+00	-0.59	25.91	1.4E-03	-0.16	25.91	6.2E-01
YP_514134.1	25.1	0.06	25.02	1.0E+00	-0.58	25.02	1.6E-02	-0.14	25.02	6.6E-01
YP_512964.1	26.1	-0.22	26.38	1.0E+00	-0.58	26.38	8.0E-03	-0.49	26.38	6.0E-01
YP_514014.1	21.6	0.02	21.98	1.0E+00	-0.58	21.98	2.2E-01	-0.64	21.98	6.0E-01
YP_513539.1	24.6	-0.34	24.41	1.0E+00	-0.58	24.41	9.4E-02	-0.22	24.41	6.4E-01
YP_513140.1	29.8	-0.08	29.67	1.0E+00	-0.57	29.67	2.7E-05	-0.07	29.67	6.3E-01
YP_513168.1	29.1	-0.01	29.05	1.0E+00	-0.57	29.05	2.9E-04	-0.02	29.05	9.0E-01
YP_513159.1	29.2	-0.02	29.05	1.0E+00	-0.57	29.05	2.7E-01	0.49	29.05	6.2E-01
YP_513676.1	29.8	0.04	29.83	1.0E+00	-0.57	29.83	4.7E-05	0.03	29.83	8.5E-01
YP_513368.1	28.6	-0.01	28.51	1.0E+00	-0.57	28.51	1.6E-05	-0.07	28.51	6.3E-01
YP_513269.1	26.3	-0.32	26.14	1.0E+00	-0.57	26.14	9.3E-03	-0.40	26.14	6.0E-01
YP_512857.1	27.6	-0.07	27.58	1.0E+00	-0.56	27.58	1.6E-05	-0.08	27.58	6.3E-01
YP_512826.1	30.6	-0.06	30.55	1.0E+00	-0.56	30.55	8.7E-03	-0.19	30.55	6.2E-01
YP_514514.1	28.2	-0.02	28.00	1.0E+00	-0.56	28.00	2.2E-02	0.18	28.00	6.3E-01
YP_513423.1	32.2	-0.08	32.16	1.0E+00	-0.56	32.16	1.9E-02	-0.17	32.16	6.3E-01
YP_513359.1	27.8	0.03	27.69	1.0E+00	-0.55	27.69	5.6E-06	0.08	27.69	6.2E-01
YP_513472.1	27.7	-0.04	27.71	1.0E+00	-0.55	27.71	9.8E-03	-0.04	27.71	8.9E-01
YP_512936.1	24.9	-0.11	24.85	1.0E+00	-0.55	24.85	1.3E-03	0.01	24.85	9.6E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513235.1	28.1	-0.07	28.03	1.0E+00	-0.54	28.03	3.1E-03	-0.16	28.03	6.2E-01
YP_513737.1	27.0	-0.12	26.44	1.0E+00	-0.54	26.44	1.7E-02	0.05	26.44	8.9E-01
YP_513939.1	30.2	0.05	30.23	1.0E+00	-0.54	30.23	1.2E-03	-0.01	30.23	9.8E-01
YP_513155.1	28.7	0.32	28.29	1.0E+00	-0.53	28.29	2.8E-01	0.58	28.29	6.0E-01
YP_513912.1	30.4	-0.09	30.42	1.0E+00	-0.53	30.42	3.7E-03	-0.23	30.42	6.0E-01
YP_514559.1	26.7	0.01	26.60	1.0E+00	-0.53	26.60	4.5E-01	0.30	26.60	7.3E-01
YP_514508.1	24.7	0.09	24.88	1.0E+00	-0.52	24.88	1.2E-03	0.00	24.88	9.8E-01
YP_513841.1	32.9	-0.02	32.64	1.0E+00	-0.52	32.64	1.8E-03	0.00	32.64	1.0E+00
YP_512909.1	32.9	-0.02	32.64	1.0E+00	-0.52	32.64	1.8E-03	0.00	32.64	1.0E+00
YP_514046.1	29.0	-0.15	29.14	1.0E+00	-0.52	29.14	2.6E-03	-0.03	29.14	8.9E-01
YP_514128.1	26.0	-0.26	26.36	1.0E+00	-0.51	26.36	3.7E-02	-0.32	26.36	6.0E-01
YP_513982.1	30.6	-0.04	30.69	1.0E+00	-0.51	30.69	2.6E-05	-0.07	30.69	6.3E-01
YP_513249.1	31.4	-0.03	31.34	1.0E+00	-0.51	31.34	1.0E-04	-0.08	31.34	6.3E-01
YP_514196.1	27.7	0.03	27.44	1.0E+00	-0.51	27.44	4.2E-03	0.18	27.44	6.1E-01
YP_513842.1	34.3	-0.09	34.05	1.0E+00	-0.51	34.05	2.6E-02	-0.07	34.05	8.2E-01
YP_512910.1	34.3	-0.09	34.05	1.0E+00	-0.51	34.05	2.6E-02	-0.07	34.05	8.2E-01
YP_513277.1	26.6	-0.03	26.69	1.0E+00	-0.50	26.69	5.6E-04	-0.12	26.69	6.2E-01
YP_514441.1	25.0	-0.16	25.38	1.0E+00	-0.50	25.38	3.0E-01	-0.42	25.38	6.3E-01
YP_513683.1	26.9	-0.12	27.01	1.0E+00	-0.50	27.01	1.9E-03	-0.19	27.01	6.0E-01
YP_513805.1	30.1	-0.06	30.03	1.0E+00	-0.50	30.03	6.8E-05	-0.07	30.03	6.3E-01
YP_513709.1	27.4	0.16	27.28	1.0E+00	-0.50	27.28	8.4E-03	0.22	27.28	6.0E-01
YP_513958.1	29.4	-0.12	29.51	1.0E+00	-0.49	29.51	1.7E-02	-0.18	29.51	6.3E-01
YP_514515.1	27.8	-0.05	27.98	1.0E+00	-0.49	27.98	9.4E-05	-0.16	27.98	6.0E-01
YP_513339.1	24.1	-0.17	24.69	1.0E+00	-0.49	24.69	3.2E-02	-0.46	24.69	6.0E-01
YP_513393.1	25.3	-0.08	25.44	1.0E+00	-0.48	25.44	1.5E-02	-0.29	25.44	6.0E-01
YP_514209.1	27.1	-0.07	27.18	1.0E+00	-0.48	27.18	5.7E-03	-0.19	27.18	6.0E-01
YP_513587.1	28.9	-0.13	28.80	1.0E+00	-0.47	28.80	3.7E-02	-0.12	28.80	7.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513438.1	27.9	-0.13	27.93	1.0E+00	-0.47	27.93	4.6E-02	-0.24	27.93	6.1E-01
YP_513331.1	30.7	-0.07	30.86	1.0E+00	-0.46	30.86	1.0E-03	-0.13	30.86	6.1E-01
YP_512899.1	27.6	0.00	27.25	1.0E+00	-0.46	27.25	1.6E-02	-0.02	27.25	9.6E-01
YP_514453.1	29.8	-0.06	29.87	1.0E+00	-0.46	29.87	7.6E-04	-0.02	29.87	9.1E-01
YP_513446.1	29.6	-0.05	29.65	1.0E+00	-0.46	29.65	1.2E-03	-0.10	29.65	6.3E-01
YP_512893.1	28.3	-0.10	28.37	1.0E+00	-0.46	28.37	1.2E-03	-0.05	28.37	7.4E-01
YP_514291.1	28.3	0.11	28.07	1.0E+00	-0.45	28.07	4.3E-03	0.16	28.07	6.1E-01
YP_513445.1	27.4	0.07	27.05	1.0E+00	-0.45	27.05	1.7E-02	0.18	27.05	6.2E-01
YP_513684.1	25.2	-0.14	25.21	1.0E+00	-0.45	25.21	7.0E-03	-0.25	25.21	6.0E-01
YP_513870.1	31.6	0.02	31.65	1.0E+00	-0.45	31.65	6.6E-02	-0.11	31.65	7.3E-01
YP_514153.1	28.8	-0.07	28.89	1.0E+00	-0.45	28.89	5.5E-03	-0.13	28.89	6.3E-01
YP_513456.1	25.9	-0.07	26.16	1.0E+00	-0.45	26.16	5.4E-03	-0.18	26.16	6.0E-01
YP_513470.1	25.4	0.08	25.60	1.0E+00	-0.44	25.60	5.8E-02	0.12	25.60	7.0E-01
YP_513745.1	26.6	0.00	26.48	1.0E+00	-0.44	26.48	4.0E-01	-0.01	26.48	9.9E-01
YP_513845.1	28.3	-0.02	28.17	1.0E+00	-0.44	28.17	2.3E-03	0.06	28.17	7.4E-01
YP_512913.1	28.3	-0.02	28.17	1.0E+00	-0.44	28.17	2.3E-03	0.06	28.17	7.4E-01
YP_514071.1	30.2	-0.15	30.12	1.0E+00	-0.44	30.12	3.1E-03	-0.15	30.12	6.1E-01
YP_514006.1	25.5	0.09	25.27	1.0E+00	-0.44	25.27	1.3E-01	-0.09	25.27	8.2E-01
YP_513693.1	29.4	0.08	29.21	1.0E+00	-0.44	29.21	2.2E-01	0.13	29.21	7.9E-01
YP_513925.1	25.2	-0.08	25.15	1.0E+00	-0.43	25.15	1.4E-02	-0.11	25.15	6.3E-01
YP_513088.1	21.8	-0.14	22.30	1.0E+00	-0.43	22.30	4.4E-01	-1.18	22.30	6.0E-01
YP_513803.1	21.3	-0.56	21.44	1.0E+00	-0.43	21.44	4.6E-01	-0.66	21.44	6.0E-01
YP_513005.1	31.7	0.00	31.77	1.0E+00	-0.43	31.77	5.3E-05	-0.11	31.77	6.0E-01
YP_513459.1	27.1	-0.12	27.09	1.0E+00	-0.43	27.09	3.5E-02	-0.28	27.09	6.0E-01
YP_513091.1	26.9	0.01	26.70	1.0E+00	-0.43	26.70	7.0E-03	0.13	26.70	6.3E-01
YP_513096.1	24.4	0.01	24.04	1.0E+00	-0.43	24.04	5.1E-02	0.05	24.04	8.9E-01
YP_513332.1	32.4	-0.01	32.19	1.0E+00	-0.42	32.19	1.1E-03	0.15	32.19	6.0E-01
YP_513029.1	34.6	0.06	34.65	1.0E+00	-0.42	34.65	1.8E-02	-0.19	34.65	6.1E-01
YP_514357.1	28.8	0.11	28.80	1.0E+00	-0.42	28.80	6.3E-04	0.10	28.80	6.2E-01
YP_513910.1	30.5	0.00	30.48	1.0E+00	-0.42	30.48	4.3E-04	-0.04	30.48	7.5E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513288.1	33.0	-0.08	32.90	1.0E+00	-0.41	32.90	1.2E-02	-0.19	32.90	6.0E-01
YP_513372.1	29.3	-0.12	29.47	1.0E+00	-0.41	29.47	1.1E-02	-0.18	29.47	6.0E-01
YP_513857.1	27.2	-0.19	27.02	1.0E+00	-0.41	27.02	2.1E-01	-0.23	27.02	6.3E-01
YP_513535.1	27.7	-0.11	27.66	1.0E+00	-0.41	27.66	1.4E-01	0.04	27.66	9.2E-01
YP_514536.1	28.0	-0.03	28.08	1.0E+00	-0.41	28.08	9.0E-02	-0.20	28.08	6.3E-01
YP_512825.1	28.6	-0.05	28.70	1.0E+00	-0.40	28.70	3.3E-03	-0.13	28.70	6.1E-01
YP_513352.1	30.9	-0.03	31.02	1.0E+00	-0.40	31.02	9.1E-03	-0.15	31.02	6.1E-01
YP_513701.1	27.8	-0.15	27.96	1.0E+00	-0.40	27.96	3.6E-02	-0.19	27.96	6.2E-01
YP_513238.1	29.1	-0.04	29.10	1.0E+00	-0.39	29.10	1.3E-02	-0.16	29.10	6.1E-01
YP_512898.1	28.9	0.11	28.75	1.0E+00	-0.39	28.75	7.2E-02	0.31	28.75	6.0E-01
YP_513858.1	28.6	-0.08	28.46	1.0E+00	-0.39	28.46	1.6E-02	0.03	28.46	9.1E-01
YP_513974.2	29.8	0.02	29.69	1.0E+00	-0.38	29.69	3.5E-01	-0.03	29.69	9.6E-01
YP_513909.1	28.6	0.05	28.55	1.0E+00	-0.38	28.55	3.4E-04	0.06	28.55	6.3E-01
YP_514129.1	33.3	0.06	33.14	1.0E+00	-0.38	33.14	2.8E-04	-0.06	33.14	6.3E-01
YP_513231.1	29.5	0.01	29.44	1.0E+00	-0.38	29.44	4.9E-04	-0.02	29.44	8.7E-01
YP_513533.1	31.3	0.04	31.39	1.0E+00	-0.38	31.39	4.0E-04	-0.02	31.39	9.0E-01
YP_513744.1	28.5	-0.04	28.35	1.0E+00	-0.38	28.35	1.3E-03	0.08	28.35	6.3E-01
YP_513317.1	27.2	-0.05	27.22	1.0E+00	-0.38	27.22	1.1E-03	-0.09	27.22	6.2E-01
YP_512966.1	23.2	-0.15	23.89	1.0E+00	-0.37	23.89	3.7E-01	-0.29	23.89	6.3E-01
YP_513532.1	28.8	-0.14	28.85	1.0E+00	-0.37	28.85	1.2E-03	-0.16	28.85	6.0E-01
YP_513057.1	33.5	-0.10	33.57	1.0E+00	-0.37	33.57	5.4E-04	-0.02	33.57	8.9E-01
YP_513692.1	30.8	-0.09	30.93	1.0E+00	-0.37	30.93	2.9E-03	-0.21	30.93	6.0E-01
YP_514310.1	29.9	-0.04	29.85	1.0E+00	-0.37	29.85	7.1E-03	0.02	29.85	9.3E-01
YP_513033.1	33.1	0.02	32.98	1.0E+00	-0.36	32.98	7.3E-02	0.14	32.98	6.3E-01
YP_513167.1	28.9	0.06	28.89	1.0E+00	-0.36	28.89	4.2E-02	0.08	28.89	7.3E-01
YP_514393.1	28.0	0.00	28.11	1.0E+00	-0.36	28.11	6.2E-02	-0.22	28.11	6.1E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514248.1	27.8	-0.07	27.79	1.0E+00	-0.36	27.79	4.1E-02	-0.14	27.79	6.3E-01
YP_514188.1	31.0	-0.08	30.97	1.0E+00	-0.36	30.97	2.5E-02	-0.14	30.97	6.3E-01
YP_512994.1	29.6	0.03	29.65	1.0E+00	-0.36	29.65	2.5E-02	0.18	29.65	6.1E-01
YP_513997.1	27.9	-0.09	28.15	1.0E+00	-0.36	28.15	1.6E-01	-0.15	28.15	6.7E-01
YP_513932.1	27.2	0.03	26.82	1.0E+00	-0.36	26.82	1.7E-01	-0.29	26.82	6.1E-01
YP_513346.1	29.6	-0.05	29.46	1.0E+00	-0.35	29.46	9.1E-03	-0.11	29.46	6.3E-01
YP_514316.1	29.3	-0.10	29.28	1.0E+00	-0.35	29.28	7.1E-03	-0.06	29.28	7.3E-01
YP_513819.1	29.4	0.27	29.15	1.0E+00	-0.35	29.15	3.8E-01	0.14	29.15	7.9E-01
YP_512848.1	26.3	0.00	26.14	1.0E+00	-0.35	26.14	4.2E-02	-0.13	26.14	6.3E-01
YP_514278.1	27.2	-0.06	26.90	1.0E+00	-0.35	26.90	1.5E-01	-0.08	26.90	8.1E-01
YP_514015.1	24.7	0.03	24.80	1.0E+00	-0.35	24.80	6.1E-01	0.34	24.80	6.8E-01
YP_513086.1	29.1	0.03	29.09	1.0E+00	-0.35	29.09	1.1E-03	0.01	29.09	9.3E-01
YP_513113.1	31.1	0.05	30.97	1.0E+00	-0.35	30.97	5.0E-03	0.08	30.97	6.3E-01
YP_513356.1	31.7	-0.08	31.86	1.0E+00	-0.35	31.86	2.6E-02	-0.28	31.86	6.0E-01
YP_514535.1	30.3	-0.03	30.44	1.0E+00	-0.34	30.44	1.8E-02	-0.11	30.44	6.3E-01
YP_514138.1	28.5	0.04	28.48	1.0E+00	-0.34	28.48	7.0E-03	-0.09	28.48	6.3E-01
YP_514451.1	27.8	0.07	27.80	1.0E+00	-0.34	27.80	8.8E-02	-0.03	27.80	9.3E-01
YP_514221.1	28.8	0.06	28.65	1.0E+00	-0.34	28.65	2.0E-03	0.03	28.65	8.4E-01
YP_513281.1	27.0	0.04	27.05	1.0E+00	-0.34	27.05	2.4E-01	0.33	27.05	6.0E-01
YP_513032.1	32.5	-0.08	32.67	1.0E+00	-0.34	32.67	2.7E-02	0.00	32.67	1.0E+00
YP_512947.1	26.8	-0.19	26.91	1.0E+00	-0.34	26.91	3.1E-01	0.22	26.91	6.3E-01
YP_514078.1	27.2	0.01	26.89	1.0E+00	-0.33	26.89	1.2E-02	0.13	26.89	6.1E-01
YP_513354.1	29.7	-0.06	29.77	1.0E+00	-0.33	29.77	2.6E-02	-0.11	29.77	6.3E-01
YP_513943.1	31.8	-0.04	31.94	1.0E+00	-0.33	31.94	5.8E-02	-0.15	31.94	6.3E-01
YP_513035.1	32.6	0.05	32.42	1.0E+00	-0.33	32.42	1.3E-01	0.20	32.42	6.2E-01
YP_514160.1	31.3	-0.03	31.36	1.0E+00	-0.33	31.36	3.7E-05	-0.02	31.36	8.1E-01
YP_513234.1	29.2	-0.04	29.38	1.0E+00	-0.33	29.38	1.4E-02	-0.12	29.38	6.2E-01
YP_514315.1	30.7	0.02	30.55	1.0E+00	-0.32	30.55	5.3E-04	0.02	30.55	8.6E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513908.1	31.8	0.09	31.56	1.0E+00	-0.32	31.56	4.6E-01	0.48	31.56	6.0E-01
YP_513246.1	28.5	-0.13	28.61	1.0E+00	-0.32	28.61	1.9E-01	-0.30	28.61	6.0E-01
YP_513087.1	33.3	-0.04	33.31	1.0E+00	-0.32	33.31	6.4E-02	-0.16	33.31	6.2E-01
YP_513953.1	26.1	0.05	26.25	1.0E+00	-0.32	26.25	9.3E-03	-0.13	26.25	6.1E-01
YP_514158.1	25.3	-0.02	24.77	1.0E+00	-0.32	24.77	4.9E-01	0.26	24.77	6.7E-01
YP_513536.1	27.3	0.13	27.30	1.0E+00	-0.32	27.30	6.4E-01	0.62	27.30	6.1E-01
YP_513209.1	27.2	-0.04	27.61	1.0E+00	-0.32	27.61	1.5E-01	-0.27	27.61	6.0E-01
YP_513905.1	22.0	0.16	22.01	1.0E+00	-0.32	22.01	3.8E-01	-0.34	22.01	6.2E-01
YP_513304.1	27.0	-0.04	26.78	1.0E+00	-0.31	26.78	5.9E-02	-0.09	26.78	6.8E-01
YP_514048.1	33.5	0.11	33.38	1.0E+00	-0.31	33.38	3.7E-01	0.35	33.38	6.1E-01
YP_514418.1	30.2	0.02	30.22	1.0E+00	-0.31	30.22	4.8E-02	0.12	30.22	6.3E-01
YP_513485.1	26.9	-0.05	26.57	1.0E+00	-0.31	26.57	2.1E-02	0.11	26.57	6.3E-01
YP_513192.1	29.9	-0.03	29.87	1.0E+00	-0.30	29.87	9.6E-04	0.00	29.87	9.9E-01
YP_514377.1	33.4	-0.17	33.35	1.0E+00	-0.30	33.35	6.1E-02	-0.08	33.35	7.1E-01
YP_514293.1	31.2	-0.04	31.19	1.0E+00	-0.30	31.19	1.3E-02	0.04	31.19	7.8E-01
YP_513527.1	32.4	0.03	32.23	1.0E+00	-0.30	32.23	8.4E-03	0.00	32.23	9.8E-01
YP_513740.1	27.9	0.08	27.81	1.0E+00	-0.30	27.81	5.1E-01	0.47	27.81	6.1E-01
YP_514147.1	27.3	-0.10	27.42	1.0E+00	-0.29	27.42	1.3E-01	-0.25	27.42	6.0E-01
YP_513108.1	28.2	0.21	27.75	1.0E+00	-0.29	27.75	5.1E-01	0.37	27.75	6.2E-01
YP_513293.1	25.5	-0.10	25.69	1.0E+00	-0.29	25.69	9.0E-02	-0.24	25.69	6.0E-01
YP_513914.1	26.2	-0.27	26.36	1.0E+00	-0.29	26.36	2.2E-01	-0.29	26.36	6.0E-01
YP_513907.1	30.8	-0.11	30.76	1.0E+00	-0.29	30.76	1.2E-01	0.05	30.76	8.6E-01
YP_513223.1	29.4	-0.02	29.50	1.0E+00	-0.28	29.50	2.1E-01	0.01	29.50	9.8E-01
YP_514444.1	29.0	-0.06	28.99	1.0E+00	-0.28	28.99	3.0E-02	-0.05	28.99	7.6E-01
YP_514447.1	31.3	-0.01	31.21	1.0E+00	-0.28	31.21	2.1E-02	-0.10	31.21	6.3E-01
YP_513427.1	31.5	-0.01	31.41	1.0E+00	-0.28	31.41	5.9E-02	-0.10	31.41	6.3E-01
YP_513662.1	27.6	-0.18	27.81	1.0E+00	-0.28	27.81	2.2E-01	-0.35	27.81	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513310.1	28.5	-0.02	28.59	1.0E+00	-0.28	28.59	4.8E-02	-0.01	28.59	9.7E-01
YP_513667.1	24.4	-0.06	24.81	1.0E+00	-0.28	24.81	2.1E-01	-0.35	24.81	6.0E-01
YP_514379.1	33.2	0.05	33.26	1.0E+00	-0.28	33.26	1.8E-02	0.04	33.26	8.1E-01
YP_513162.1	28.8	0.05	28.93	1.0E+00	-0.28	28.93	2.9E-03	-0.06	28.93	6.4E-01
YP_513264.1	29.8	0.02	29.79	1.0E+00	-0.28	29.79	2.2E-02	-0.11	29.79	6.2E-01
YP_514069.1	30.3	-0.06	30.14	1.0E+00	-0.28	30.14	1.9E-03	-0.07	30.14	6.3E-01
YP_514488.1	28.1	-0.07	28.07	1.0E+00	-0.27	28.07	7.3E-02	-0.04	28.07	8.7E-01
YP_513038.1	32.8	0.00	32.84	1.0E+00	-0.27	32.84	1.0E-01	0.07	32.84	7.5E-01
YP_513831.1	31.1	0.07	30.95	1.0E+00	-0.27	30.95	7.8E-02	-0.05	30.95	8.3E-01
YP_514417.1	31.0	0.10	30.83	1.0E+00	-0.27	30.83	5.3E-01	0.42	30.83	6.1E-01
YP_514051.1	29.8	0.05	29.88	1.0E+00	-0.27	29.88	5.8E-02	-0.10	29.88	6.3E-01
YP_514210.1	30.1	0.10	30.18	1.0E+00	-0.26	30.18	4.1E-01	0.10	30.18	8.3E-01
YP_513248.1	29.4	-0.10	29.49	1.0E+00	-0.26	29.49	8.5E-02	-0.21	29.49	6.0E-01
YP_513561.1	28.8	-0.17	28.88	1.0E+00	-0.26	28.88	5.2E-01	-0.24	28.88	6.5E-01
YP_513206.1	28.6	-0.01	28.43	1.0E+00	-0.26	28.43	1.9E-02	0.09	28.43	6.3E-01
YP_513312.1	28.2	-0.05	28.43	1.0E+00	-0.26	28.43	1.6E-01	-0.13	28.43	6.3E-01
YP_514253.1	28.5	-0.04	28.63	1.0E+00	-0.26	28.63	7.5E-02	-0.11	28.63	6.3E-01
YP_513458.1	27.8	0.13	27.72	1.0E+00	-0.26	27.72	7.3E-03	0.02	27.72	8.8E-01
YP_513502.1	27.0	0.10	27.08	1.0E+00	-0.26	27.08	4.9E-02	-0.15	27.08	6.0E-01
YP_514059.1	32.4	-0.01	32.47	1.0E+00	-0.26	32.47	2.0E-01	0.15	32.47	6.3E-01
YP_512977.1	29.1	-0.09	29.39	1.0E+00	-0.26	29.39	4.1E-01	0.07	29.39	8.7E-01
YP_514130.1	31.6	-0.05	31.52	1.0E+00	-0.26	31.52	5.1E-02	-0.06	31.52	7.2E-01
YP_513807.1	27.4	-0.02	27.45	1.0E+00	-0.25	27.45	6.0E-01	0.36	27.45	6.3E-01
YP_513044.1	32.3	-0.06	32.20	1.0E+00	-0.25	32.20	2.6E-02	0.08	32.20	6.3E-01
YP_513937.1	25.8	0.08	25.63	1.0E+00	-0.25	25.63	1.3E-01	-0.15	25.63	6.2E-01
YP_512840.1	25.6	-0.03	25.56	1.0E+00	-0.25	25.56	2.1E-01	-0.07	25.56	7.9E-01
YP_513040.1	30.2	-0.08	30.25	1.0E+00	-0.25	30.25	2.3E-01	-0.14	30.25	6.3E-01
YP_513483.1	26.0	0.05	26.00	1.0E+00	-0.25	26.00	4.4E-01	0.29	26.00	6.2E-01
YP_513217.1	24.1	-0.02	24.06	1.0E+00	-0.25	24.06	5.8E-01	-0.34	24.06	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513679.1	29.9	0.03	29.97	1.0E+00	-0.25	29.97	1.1E-01	0.01	29.97	9.7E-01
YP_512930.1	29.4	-0.08	29.27	1.0E+00	-0.25	29.27	1.2E-01	-0.16	29.27	6.2E-01
YP_514193.1	32.4	-0.04	32.39	1.0E+00	-0.24	32.39	1.8E-02	-0.09	32.39	6.2E-01
YP_514159.1	27.8	-0.10	27.77	1.0E+00	-0.24	27.77	3.5E-01	-0.24	27.77	6.2E-01
YP_513894.1	28.2	-0.08	28.33	1.0E+00	-0.24	28.33	1.3E-01	0.12	28.33	6.3E-01
YP_513148.1	29.1	-0.06	29.25	1.0E+00	-0.24	29.25	3.5E-02	-0.22	29.25	6.0E-01
YP_513743.1	27.1	-0.16	27.30	1.0E+00	-0.24	27.30	1.2E-01	-0.24	27.30	6.0E-01
YP_513357.1	30.8	-0.04	30.90	1.0E+00	-0.24	30.90	1.3E-01	-0.20	30.90	6.0E-01
YP_513283.1	28.2	-0.01	28.37	1.0E+00	-0.24	28.37	3.3E-01	0.08	28.37	8.1E-01
YP_512839.1	26.2	0.00	26.09	1.0E+00	-0.24	26.09	2.0E-01	0.01	26.09	9.8E-01
YP_514474.1	26.8	-0.11	26.94	1.0E+00	-0.24	26.94	3.0E-01	-0.07	26.94	8.2E-01
YP_513360.1	30.0	0.05	30.03	1.0E+00	-0.23	30.03	7.5E-02	-0.15	30.03	6.0E-01
YP_513418.1	26.0	0.15	25.94	1.0E+00	-0.23	25.94	2.9E-01	0.26	25.94	6.0E-01
YP_513467.1	24.6	-0.12	24.39	1.0E+00	-0.23	24.39	7.2E-01	-0.05	24.39	9.6E-01
YP_513861.1	25.6	-0.10	25.61	1.0E+00	-0.23	25.61	6.8E-01	-0.10	25.61	8.9E-01
YP_513237.1	26.9	0.00	26.87	1.0E+00	-0.23	26.87	6.9E-02	0.07	26.87	6.7E-01
YP_514185.1	29.0	-0.14	28.83	1.0E+00	-0.23	28.83	2.0E-01	-0.17	28.83	6.2E-01
YP_513830.1	26.0	0.15	26.55	1.0E+00	-0.23	26.55	3.4E-01	-0.03	26.55	9.4E-01
YP_513756.1	29.7	-0.03	29.71	1.0E+00	-0.22	29.71	6.6E-01	0.38	29.71	6.3E-01
YP_513853.1	25.9	0.19	25.75	1.0E+00	-0.22	25.75	8.3E-01	0.55	25.75	6.3E-01
YP_512921.1	25.9	0.19	25.75	1.0E+00	-0.22	25.75	8.3E-01	0.55	25.75	6.3E-01
YP_514178.1	30.5	-0.05	30.50	1.0E+00	-0.22	30.50	2.6E-02	-0.06	30.50	6.7E-01
YP_513711.1	27.6	0.07	27.16	1.0E+00	-0.22	27.16	3.0E-01	0.14	27.16	6.3E-01
YP_513511.1	29.4	0.00	29.37	1.0E+00	-0.22	29.37	2.4E-02	0.04	29.37	7.8E-01
YP_513772.1	30.9	0.01	30.90	1.0E+00	-0.22	30.90	1.5E-01	0.02	30.90	9.2E-01
YP_512968.1	29.0	0.02	29.09	1.0E+00	-0.22	29.09	2.1E-02	-0.01	29.09	9.2E-01
YP_514208.1	22.8	0.02	22.86	1.0E+00	-0.22	22.86	3.7E-01	-0.18	22.86	6.3E-01
YP_513440.1	27.5	0.04	27.48	1.0E+00	-0.22	27.48	3.7E-02	-0.01	27.48	9.4E-01
YP_514387.1	31.2	-0.04	31.14	1.0E+00	-0.22	31.14	2.7E-02	-0.11	31.14	6.0E-01
YP_514448.1	28.4	-0.05	28.52	1.0E+00	-0.22	28.52	5.5E-01	0.20	28.52	6.7E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513746.1	29.4	-0.04	29.36	1.0E+00	-0.22	29.36	8.4E-02	-0.04	29.36	8.2E-01
YP_513187.1	29.7	0.06	29.70	1.0E+00	-0.21	29.70	1.3E-02	0.04	29.70	7.1E-01
YP_514380.1	32.2	-0.02	32.22	1.0E+00	-0.21	32.22	2.5E-01	0.06	32.22	8.3E-01
YP_513642.1	29.5	-0.07	29.61	1.0E+00	-0.21	29.61	6.7E-01	0.28	29.61	6.4E-01
YP_514170.1	30.1	-0.02	30.07	1.0E+00	-0.21	30.07	1.6E-02	-0.03	30.07	7.7E-01
YP_512879.1	28.5	-0.01	28.40	1.0E+00	-0.21	28.40	1.0E-01	-0.05	28.40	7.9E-01
YP_513030.1	33.7	-0.09	33.80	1.0E+00	-0.21	33.80	1.5E-01	-0.19	33.80	6.0E-01
YP_514223.1	23.2	-0.15	23.47	1.0E+00	-0.21	23.47	7.1E-01	-0.40	23.47	6.3E-01
YP_513586.1	29.0	0.01	29.08	1.0E+00	-0.21	29.08	1.3E-01	-0.11	29.08	6.3E-01
YP_513460.1	26.2	-0.13	26.46	1.0E+00	-0.21	26.46	3.1E-01	-0.21	26.46	6.1E-01
YP_513420.1	26.9	-0.06	26.93	1.0E+00	-0.21	26.93	6.1E-03	-0.04	26.93	7.1E-01
YP_513409.1	28.8	-0.09	28.69	1.0E+00	-0.21	28.69	2.2E-01	-0.08	28.69	7.2E-01
YP_514195.1	27.5	-0.09	27.60	1.0E+00	-0.21	27.60	2.7E-01	0.12	27.60	6.5E-01
YP_514560.1	26.8	0.12	26.67	1.0E+00	-0.20	26.67	3.7E-01	0.34	26.67	6.0E-01
YP_513355.1	28.9	-0.09	29.04	1.0E+00	-0.20	29.04	2.2E-01	-0.15	29.04	6.2E-01
YP_514446.1	31.6	-0.07	31.57	1.0E+00	-0.20	31.57	1.6E-02	-0.06	31.57	6.3E-01
YP_512973.1	30.2	-0.11	30.23	1.0E+00	-0.20	30.23	3.0E-01	-0.17	30.23	6.3E-01
YP_514450.1	30.7	-0.04	30.74	1.0E+00	-0.20	30.74	1.7E-02	-0.04	30.74	7.3E-01
YP_513107.1	29.1	-0.09	29.05	1.0E+00	-0.20	29.05	2.2E-01	-0.14	29.05	6.3E-01
YP_514522.1	34.2	0.02	34.19	1.0E+00	-0.20	34.19	1.1E-02	-0.08	34.19	6.1E-01
YP_514348.1	29.7	0.18	29.59	1.0E+00	-0.20	29.59	3.0E-01	0.08	29.59	7.5E-01
YP_514332.1	32.1	0.02	32.11	1.0E+00	-0.20	32.11	1.1E-02	-0.04	32.11	6.7E-01
YP_514371.1	28.3	-0.06	28.12	1.0E+00	-0.20	28.12	1.3E-01	0.00	28.12	9.9E-01
YP_513375.1	32.5	-0.04	32.64	1.0E+00	-0.20	32.64	6.9E-02	-0.13	32.64	6.0E-01
YP_513871.1	26.5	-0.26	26.70	1.0E+00	-0.20	26.70	4.0E-01	-0.40	26.70	6.0E-01
YP_513660.1	32.1	-0.07	32.22	1.0E+00	-0.19	32.22	3.5E-01	-0.20	32.22	6.1E-01
YP_513141.1	27.2	-0.08	27.30	1.0E+00	-0.19	27.30	2.3E-02	-0.14	27.30	6.0E-01
YP_514083.1	26.3	-0.48	26.34	1.0E+00	-0.19	26.34	5.7E-01	-0.44	26.34	6.0E-01
YP_514318.1	25.7	0.06	25.76	1.0E+00	-0.19	25.76	4.5E-01	-0.23	25.76	6.2E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514462.1	29.6	-0.08	29.66	1.0E+00	-0.19	29.66	1.4E-01	-0.08	29.66	6.4E-01
YP_514040.1	27.3	0.10	27.20	1.0E+00	-0.19	27.20	6.4E-01	0.47	27.20	6.0E-01
YP_514279.1	22.5	0.15	22.05	1.0E+00	-0.18	22.05	4.3E-01	0.21	22.05	6.2E-01
YP_513479.1	27.0	-0.03	27.10	1.0E+00	-0.18	27.10	5.2E-01	0.19	27.10	6.3E-01
YP_514378.1	33.0	-0.03	33.09	1.0E+00	-0.18	33.09	8.4E-02	-0.03	33.09	8.6E-01
YP_513610.1	32.7	0.00	32.71	1.0E+00	-0.18	32.71	4.8E-01	0.18	32.71	6.3E-01
YP_513031.1	32.0	0.13	31.91	1.0E+00	-0.18	31.91	6.4E-01	0.37	31.91	6.1E-01
YP_513694.1	30.3	0.05	30.29	1.0E+00	-0.18	30.29	1.7E-01	0.17	30.29	6.0E-01
YP_513552.1	28.3	-0.12	28.28	1.0E+00	-0.17	28.28	2.0E-01	-0.13	28.28	6.2E-01
YP_514207.1	25.8	-0.05	25.73	1.0E+00	-0.17	25.73	3.9E-01	-0.10	25.73	7.1E-01
YP_513653.1	26.0	0.02	25.81	1.0E+00	-0.17	25.81	2.1E-01	0.09	25.81	6.3E-01
YP_512904.1	32.8	-0.07	32.83	1.0E+00	-0.17	32.83	2.3E-01	-0.13	32.83	6.2E-01
YP_512991.1	26.1	0.09	26.11	1.0E+00	-0.17	26.11	1.8E-01	0.00	26.11	9.8E-01
YP_513774.1	28.5	-0.04	28.66	1.0E+00	-0.17	28.66	1.5E-01	-0.05	28.66	7.8E-01
YP_514022.1	24.4	0.53	24.42	1.0E+00	-0.17	24.42	9.0E-01	0.66	24.42	6.3E-01
YP_514018.1	30.1	0.04	29.89	1.0E+00	-0.17	29.89	1.7E-01	0.17	29.89	6.0E-01
YP_513230.1	24.9	0.33	24.50	1.0E+00	-0.17	24.50	7.3E-01	0.53	24.50	6.0E-01
YP_513048.1	33.2	-0.04	33.26	1.0E+00	-0.17	33.26	1.9E-01	0.03	33.26	8.6E-01
YP_513895.1	31.2	-0.04	31.15	1.0E+00	-0.17	31.15	4.6E-02	0.04	31.15	7.3E-01
YP_514140.1	29.6	-0.07	29.73	1.0E+00	-0.17	29.73	1.8E-01	-0.18	29.73	6.0E-01
YP_513396.1	29.5	-0.05	29.66	1.0E+00	-0.16	29.66	3.5E-01	-0.14	29.66	6.3E-01
YP_513537.1	32.5	-0.03	32.56	1.0E+00	-0.16	32.56	4.6E-01	-0.17	32.56	6.3E-01
YP_513520.1	27.7	0.23	27.58	1.0E+00	-0.16	27.58	4.8E-01	0.20	27.58	6.2E-01
YP_514243.1	23.6	-0.18	23.59	1.0E+00	-0.16	23.59	7.4E-01	-0.34	23.59	6.3E-01
YP_514449.1	31.6	-0.05	31.75	1.0E+00	-0.16	31.75	3.5E-01	-0.19	31.75	6.0E-01
YP_513099.1	29.0	0.05	29.10	1.0E+00	-0.16	29.10	1.5E-01	-0.04	29.10	7.7E-01
YP_513413.1	30.5	-0.04	30.46	1.0E+00	-0.16	30.46	1.8E-01	-0.12	30.46	6.2E-01
YP_514229.1	29.3	-0.11	29.36	1.0E+00	-0.16	29.36	3.6E-01	-0.16	29.36	6.2E-01
YP_514143.1	28.6	0.06	28.53	1.0E+00	-0.16	28.53	1.6E-01	0.08	28.53	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513421.1	26.3	0.03	26.39	1.0E+00	-0.16	26.39	2.5E-01	-0.11	26.39	6.3E-01
YP_514506.1	27.3	0.04	27.05	1.0E+00	-0.16	27.05	4.5E-01	0.01	27.05	9.7E-01
YP_514002.1	29.3	-0.06	29.40	1.0E+00	-0.16	29.40	3.1E-01	-0.13	29.40	6.3E-01
YP_514276.1	28.7	-0.01	28.75	1.0E+00	-0.15	28.75	6.8E-01	0.35	28.75	6.1E-01
YP_514452.1	23.7	0.54	23.35	1.0E+00	-0.15	23.35	8.7E-01	1.55	23.35	6.0E-01
YP_513251.1	30.6	-0.06	30.46	1.0E+00	-0.15	30.46	4.1E-01	-0.12	30.46	6.3E-01
YP_513500.1	20.8	0.01	20.76	1.0E+00	-0.15	20.76	8.3E-01	-0.72	20.76	6.0E-01
YP_514292.1	29.7	-0.12	29.76	1.0E+00	-0.15	29.76	2.1E-01	-0.01	29.76	9.5E-01
YP_513661.1	33.6	-0.08	33.69	1.0E+00	-0.15	33.69	6.0E-01	0.14	33.69	6.9E-01
YP_513285.1	23.5	-0.02	23.69	1.0E+00	-0.15	23.69	5.4E-01	-0.57	23.69	5.8E-01
YP_514382.1	36.3	0.11	36.19	1.0E+00	-0.15	36.19	4.3E-01	0.17	36.19	6.2E-01
YP_514538.1	25.8	-0.41	26.20	1.0E+00	-0.15	26.20	5.3E-01	-0.38	26.20	6.0E-01
YP_513252.1	32.3	0.03	32.03	1.0E+00	-0.15	32.03	1.5E-01	0.06	32.03	6.9E-01
YP_513124.1	32.7	-0.13	32.87	1.0E+00	-0.15	32.87	2.8E-01	-0.15	32.87	6.1E-01
YP_514523.1	26.7	0.03	26.87	1.0E+00	-0.14	26.87	3.3E-01	-0.04	26.87	8.4E-01
YP_513276.1	28.3	-0.03	28.63	1.0E+00	-0.14	28.63	5.0E-01	-0.21	28.63	6.1E-01
YP_514025.1	32.2	-0.04	32.30	1.0E+00	-0.14	32.30	3.6E-01	-0.15	32.30	6.2E-01
YP_514031.1	26.2	0.05	26.15	1.0E+00	-0.14	26.15	5.1E-01	0.22	26.15	6.1E-01
YP_513980.1	33.0	0.00	32.95	1.0E+00	-0.14	32.95	1.3E-01	-0.05	32.95	6.8E-01
YP_513550.1	29.8	-0.03	29.89	1.0E+00	-0.14	29.89	3.6E-01	-0.20	29.89	6.0E-01
YP_514135.1	24.1	0.13	24.10	1.0E+00	-0.14	24.10	7.7E-01	-0.22	24.10	6.7E-01
YP_514252.1	25.3	-0.25	25.40	1.0E+00	-0.14	25.40	8.0E-01	-0.47	25.40	6.1E-01
YP_513449.1	27.6	0.21	27.13	1.0E+00	-0.14	27.13	9.0E-01	0.40	27.13	6.8E-01
YP_513194.1	34.1	-0.13	34.22	1.0E+00	-0.14	34.22	5.9E-01	-0.33	34.22	6.0E-01
YP_513316.1	27.0	-0.04	26.94	1.0E+00	-0.14	26.94	3.5E-01	0.17	26.94	6.0E-01
YP_513734.1	25.9	0.05	26.11	1.0E+00	-0.14	26.11	3.7E-01	-0.09	26.11	6.5E-01
YP_512821.1	30.4	-0.03	30.46	1.0E+00	-0.13	30.46	2.7E-01	0.10	30.46	6.3E-01
YP_513114.1	29.8	-0.02	29.83	1.0E+00	-0.13	29.83	8.9E-01	0.58	29.83	6.2E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513577.1	26.6	-0.09	26.63	1.0E+00	-0.13	26.63	5.5E-01	-0.13	26.63	6.4E-01
YP_514233.1	28.0	-0.08	27.95	1.0E+00	-0.13	27.95	4.7E-01	-0.18	27.95	6.1E-01
YP_513153.1	28.7	-0.06	28.87	1.0E+00	-0.13	28.87	2.4E-01	-0.22	28.87	6.0E-01
YP_513377.1	23.3	-0.25	23.73	1.0E+00	-0.12	23.73	7.9E-01	-0.50	23.73	6.0E-01
YP_513548.1	26.7	0.02	26.42	1.0E+00	-0.12	26.42	7.9E-01	0.33	26.42	6.2E-01
YP_514295.1	28.7	0.11	28.61	1.0E+00	-0.12	28.61	1.5E-01	0.05	28.61	6.9E-01
YP_514045.1	30.9	0.04	30.83	1.0E+00	-0.12	30.83	1.2E-01	0.01	30.83	9.6E-01
YP_513741.1	29.3	-0.09	29.57	1.0E+00	-0.12	29.57	2.9E-01	-0.19	29.57	6.0E-01
YP_513556.1	31.9	0.04	31.63	1.0E+00	-0.11	31.63	5.8E-01	0.20	31.63	6.1E-01
YP_513719.1	28.5	-0.01	28.59	1.0E+00	-0.11	28.59	3.4E-01	-0.04	28.59	7.9E-01
YP_513371.1	31.8	0.03	31.84	1.0E+00	-0.11	31.84	7.5E-01	0.08	31.84	8.4E-01
YP_512812.1	32.5	-0.08	32.56	1.0E+00	-0.11	32.56	6.7E-01	-0.24	32.56	6.1E-01
YP_513742.1	31.3	0.00	31.30	1.0E+00	-0.11	31.30	5.8E-01	0.13	31.30	6.3E-01
YP_512967.1	23.8	-0.17	23.81	1.0E+00	-0.11	23.81	5.8E-01	-0.07	23.81	7.9E-01
YP_513512.1	29.3	0.00	29.25	1.0E+00	-0.11	29.25	4.3E-01	0.08	29.25	6.8E-01
YP_513302.1	31.6	0.07	31.67	1.0E+00	-0.11	31.67	3.1E-01	0.05	31.67	7.1E-01
YP_514366.1	31.9	-0.01	31.86	1.0E+00	-0.11	31.86	7.3E-01	0.09	31.86	8.1E-01
YP_513171.1	30.6	-0.02	30.71	1.0E+00	-0.11	30.71	3.7E-01	-0.20	30.71	6.0E-01
YP_513954.1	30.0	-0.04	30.01	1.0E+00	-0.11	30.01	3.6E-01	-0.09	30.01	6.3E-01
YP_513344.1	32.7	0.04	32.43	1.0E+00	-0.11	32.43	4.9E-01	-0.04	32.43	8.6E-01
YP_513216.1	31.1	0.03	31.20	1.0E+00	-0.11	31.20	4.6E-01	-0.05	31.20	7.7E-01
YP_513119.1	29.9	-0.09	29.83	1.0E+00	-0.10	29.83	2.5E-01	-0.04	29.83	7.2E-01
YP_513077.1	27.5	0.02	27.51	1.0E+00	-0.10	27.51	7.3E-01	0.18	27.51	6.3E-01
YP_513085.1	30.0	0.02	30.08	1.0E+00	-0.10	30.08	8.6E-01	0.33	30.08	6.3E-01
YP_512969.1	29.6	0.06	29.70	1.0E+00	-0.10	29.70	9.2E-01	0.59	29.70	6.2E-01
YP_513012.1	26.4	-0.12	26.05	1.0E+00	-0.10	26.05	6.4E-01	0.24	26.05	6.0E-01
YP_513225.1	31.9	0.01	31.97	1.0E+00	-0.10	31.97	3.5E-01	-0.06	31.97	6.7E-01
YP_514554.1	30.1	0.05	30.11	1.0E+00	-0.10	30.11	2.3E-01	0.00	30.11	9.7E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_512864.1	27.4	-0.01	27.22	1.0E+00	-0.10	27.22	4.4E-01	0.01	27.22	9.6E-01
YP_513172.1	30.8	-0.02	30.88	1.0E+00	-0.10	30.88	3.3E-01	-0.15	30.88	6.0E-01
YP_514062.1	31.9	0.02	31.97	1.0E+00	-0.09	31.97	2.4E-01	-0.08	31.97	6.2E-01
YP_513574.1	30.2	-0.05	30.36	1.0E+00	-0.09	30.36	6.4E-01	-0.23	30.36	6.0E-01
YP_512993.1	25.0	-0.10	25.06	1.0E+00	-0.09	25.06	8.8E-01	-0.22	25.06	6.8E-01
YP_514277.1	27.4	-0.05	27.50	1.0E+00	-0.09	27.50	3.7E-01	-0.07	27.50	6.3E-01
YP_513650.1	28.3	0.09	28.17	1.0E+00	-0.09	28.17	8.7E-01	0.13	28.17	7.9E-01
YP_513715.1	28.3	0.19	28.16	1.0E+00	-0.09	28.16	6.2E-01	0.22	28.16	6.0E-01
YP_513476.1	28.0	0.02	27.94	1.0E+00	-0.09	27.94	4.3E-01	0.10	27.94	6.2E-01
YP_513832.1	33.1	-0.01	33.05	1.0E+00	-0.09	33.05	4.0E-01	0.04	33.05	7.4E-01
YP_513804.1	25.6	-0.20	25.76	1.0E+00	-0.08	25.76	7.9E-01	-0.21	25.76	6.3E-01
YP_513540.1	28.6	-0.08	28.66	1.0E+00	-0.08	28.66	4.9E-01	-0.10	28.66	6.3E-01
YP_513053.1	33.8	-0.12	33.89	1.0E+00	-0.08	33.89	3.9E-01	-0.09	33.89	6.2E-01
YP_513731.1	29.7	0.04	29.64	1.0E+00	-0.08	29.64	5.5E-01	0.09	29.64	6.3E-01
YP_513435.1	18.7	0.28	17.88	1.0E+00	-0.08	17.88	9.2E-01	-0.51	17.88	6.4E-01
YP_513166.1	24.5	0.04	24.42	1.0E+00	-0.08	24.42	7.7E-01	0.09	24.42	7.6E-01
YP_513654.1	30.3	0.07	30.13	1.0E+00	-0.08	30.13	6.0E-01	0.16	30.13	6.0E-01
YP_513955.1	28.9	-0.07	28.93	1.0E+00	-0.08	28.93	5.8E-01	-0.14	28.93	6.0E-01
YP_512875.1	30.5	-0.09	30.41	1.0E+00	-0.07	30.41	5.1E-01	-0.03	30.41	8.3E-01
YP_514244.1	30.6	-0.07	30.77	1.0E+00	-0.07	30.77	7.9E-01	-0.21	30.77	6.2E-01
YP_513521.1	28.6	-0.02	28.57	1.0E+00	-0.07	28.57	3.6E-01	0.06	28.57	6.3E-01
YP_512877.1	30.5	-0.08	30.51	1.0E+00	-0.07	30.51	6.4E-01	-0.06	30.51	7.3E-01
YP_513298.1	23.3	-0.03	23.22	1.0E+00	-0.07	23.22	7.8E-01	-0.02	23.22	9.6E-01
YP_513700.1	28.2	0.01	28.15	1.0E+00	-0.07	28.15	6.1E-01	0.07	28.15	6.8E-01
YP_513381.1	28.0	0.32	27.54	1.0E+00	-0.07	27.54	8.5E-01	0.18	27.54	6.3E-01
YP_513611.1	30.6	0.01	30.63	1.0E+00	-0.07	30.63	7.4E-01	-0.15	30.63	6.3E-01
YP_514376.1	34.5	0.06	34.56	1.0E+00	-0.07	34.56	8.9E-01	0.19	34.56	6.8E-01
YP_513047.1	32.5	-0.08	32.63	1.0E+00	-0.07	32.63	6.7E-01	0.01	32.63	9.8E-01
YP_513652.1	27.7	0.04	27.66	1.0E+00	-0.07	27.66	5.9E-01	0.05	27.66	7.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513061.1	34.3	0.04	34.38	1.0E+00	-0.07	34.38	8.3E-01	-0.17	34.38	6.3E-01
YP_514354.1	29.6	-0.01	29.76	1.0E+00	-0.07	29.76	6.2E-01	-0.10	29.76	6.3E-01
YP_514542.1	28.3	0.06	28.46	1.0E+00	-0.07	28.46	9.2E-01	0.35	28.46	6.9E-01
YP_512818.1	28.9	0.03	28.78	1.0E+00	-0.07	28.78	7.3E-01	0.13	28.78	6.3E-01
YP_513675.1	31.6	0.11	31.71	1.0E+00	-0.07	31.71	5.0E-01	0.09	31.71	6.2E-01
YP_513180.1	27.8	0.07	27.53	1.0E+00	-0.06	27.53	5.8E-01	0.10	27.53	6.2E-01
YP_513382.1	25.7	-0.08	25.75	1.0E+00	-0.06	25.75	7.0E-01	-0.04	25.75	8.3E-01
YP_514435.1	32.8	-0.04	32.94	1.0E+00	-0.06	32.94	6.8E-01	-0.18	32.94	6.0E-01
YP_513455.1	28.1	-0.05	28.21	1.0E+00	-0.06	28.21	7.6E-01	0.07	28.21	7.4E-01
YP_513041.1	31.9	0.01	31.89	1.0E+00	-0.06	31.89	6.5E-01	0.06	31.89	7.0E-01
YP_513630.1	27.7	-0.13	27.81	1.0E+00	-0.06	27.81	7.6E-01	-0.21	27.81	6.0E-01
YP_513045.1	32.8	-0.02	32.86	1.0E+00	-0.06	32.86	4.8E-01	-0.04	32.86	6.8E-01
YP_514250.1	30.2	-0.08	30.40	1.0E+00	-0.06	30.40	7.3E-01	-0.19	30.40	6.0E-01
YP_512971.1	20.5	0.02	20.56	1.0E+00	-0.06	20.56	9.4E-01	-0.97	20.56	6.0E-01
YP_514085.1	29.7	0.06	29.74	1.0E+00	-0.05	29.74	6.3E-01	0.11	29.74	6.1E-01
YP_513796.2	30.2	-0.07	30.40	1.0E+00	-0.05	30.40	6.5E-01	-0.15	30.40	6.0E-01
YP_513139.1	27.6	0.20	27.34	1.0E+00	-0.05	27.34	8.6E-01	0.31	27.34	6.0E-01
YP_513695.1	32.9	0.11	32.68	1.0E+00	-0.05	32.68	8.0E-01	-0.03	32.68	8.9E-01
YP_513493.1	28.6	0.03	28.52	1.0E+00	-0.05	28.52	7.1E-01	-0.01	28.52	9.7E-01
YP_512984.1	31.3	0.09	31.01	1.0E+00	-0.05	31.01	6.4E-01	0.09	31.01	6.2E-01
YP_513403.1	30.2	-0.08	30.39	1.0E+00	-0.05	30.39	8.2E-01	-0.18	30.39	6.1E-01
YP_513265.1	26.6	-0.23	26.94	1.0E+00	-0.05	26.94	9.2E-01	0.23	26.94	7.3E-01
YP_513314.1	26.5	-0.15	26.57	1.0E+00	-0.05	26.57	8.8E-01	-0.24	26.57	6.0E-01
YP_513795.1	29.8	0.02	29.82	1.0E+00	-0.05	29.82	7.0E-01	-0.15	29.82	6.0E-01
YP_512995.1	29.1	-0.10	29.27	1.0E+00	-0.04	29.27	8.0E-01	-0.15	29.27	6.1E-01
YP_513944.1	28.6	-0.14	28.68	1.0E+00	-0.04	28.68	7.9E-01	-0.20	28.68	6.0E-01
YP_512953.1	29.9	-0.07	29.85	1.0E+00	-0.04	29.85	9.0E-01	-0.16	29.85	6.3E-01
YP_513006.1	22.3	-0.21	22.20	1.0E+00	-0.04	22.20	9.0E-01	-0.13	22.20	6.3E-01
YP_513882.1	23.8	0.12	24.01	1.0E+00	-0.04	24.01	9.2E-01	0.06	24.01	9.1E-01
YP_513668.1	24.7	0.03	25.31	1.0E+00	-0.04	25.31	8.4E-01	-0.40	25.31	2.6E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513210.1	32.3	-0.06	32.37	1.0E+00	-0.04	32.37	8.6E-01	-0.18	32.37	6.0E-01
YP_513178.1	29.3	-0.04	29.34	1.0E+00	-0.04	29.34	6.4E-01	-0.03	29.34	7.8E-01
YP_513369.1	28.0	0.06	28.11	1.0E+00	-0.04	28.11	9.0E-01	-0.11	28.11	6.8E-01
YP_513477.1	26.6	-0.08	26.61	1.0E+00	-0.03	26.61	9.0E-01	-0.07	26.61	7.7E-01
YP_513046.1	32.9	0.06	32.71	1.0E+00	-0.03	32.71	7.9E-01	0.21	32.71	6.0E-01
YP_513028.1	33.9	-0.04	34.07	1.0E+00	-0.03	34.07	9.2E-01	0.04	34.07	8.9E-01
YP_513713.1	25.7	0.04	25.47	1.0E+00	-0.03	25.47	9.2E-01	0.27	25.47	6.2E-01
YP_514534.1	30.5	0.11	30.48	1.0E+00	-0.03	30.48	9.2E-01	0.23	30.48	6.2E-01
YP_514465.1	29.3	-0.06	29.47	1.0E+00	-0.03	29.47	9.2E-01	0.07	29.47	8.7E-01
YP_513678.1	27.5	0.05	27.56	1.0E+00	-0.03	27.56	9.2E-01	0.15	27.56	6.3E-01
YP_513690.1	24.4	-0.16	24.41	1.0E+00	-0.03	24.41	9.6E-01	-0.60	24.41	6.1E-01
YP_514367.1	27.8	0.02	27.90	1.0E+00	-0.03	27.90	8.1E-01	-0.14	27.90	6.0E-01
YP_513523.1	23.1	0.11	23.17	1.0E+00	-0.03	23.17	9.2E-01	0.12	23.17	6.9E-01
YP_513226.1	31.2	0.00	31.17	1.0E+00	-0.03	31.17	8.2E-01	0.04	31.17	7.4E-01
YP_513513.1	31.2	0.04	31.14	1.0E+00	-0.03	31.14	8.6E-01	0.03	31.14	8.4E-01
YP_513406.1	28.4	0.10	28.35	1.0E+00	-0.02	28.35	9.4E-01	0.31	28.35	6.2E-01
YP_513727.1	33.4	0.01	33.40	1.0E+00	-0.02	33.40	9.4E-01	0.27	33.40	6.3E-01
YP_513554.1	31.3	0.04	31.05	1.0E+00	-0.02	31.05	9.1E-01	0.08	31.05	6.5E-01
YP_513054.1	32.9	0.04	32.90	1.0E+00	-0.02	32.90	9.2E-01	0.07	32.90	6.8E-01
YP_513306.1	30.4	0.05	30.26	1.0E+00	-0.02	30.26	9.1E-01	0.08	30.26	6.3E-01
YP_514360.1	28.2	-0.05	28.40	1.0E+00	-0.02	28.40	9.2E-01	-0.18	28.40	6.1E-01
YP_513398.1	31.4	-0.16	31.73	1.0E+00	-0.02	31.73	9.2E-01	-0.24	31.73	6.0E-01
YP_512876.1	27.3	0.05	27.51	1.0E+00	-0.02	27.51	9.2E-01	-0.12	27.51	6.1E-01
YP_513063.1	35.2	0.00	35.16	1.0E+00	-0.02	35.16	9.3E-01	-0.17	35.16	6.3E-01
YP_513193.1	29.1	0.00	29.15	1.0E+00	-0.02	29.15	9.5E-01	0.18	29.15	6.4E-01
YP_513098.1	29.6	-0.03	29.77	1.0E+00	-0.02	29.77	9.2E-01	-0.11	29.77	6.3E-01
YP_514548.1	30.9	0.06	30.97	1.0E+00	-0.02	30.97	9.2E-01	-0.01	30.97	9.6E-01
YP_512992.1	26.0	-0.21	26.46	1.0E+00	-0.01	26.46	9.5E-01	-0.17	26.46	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514513.1	31.2	-0.04	31.35	1.0E+00	-0.01	31.35	9.2E-01	-0.01	31.35	9.7E-01
YP_513901.1	26.3	0.00	26.40	1.0E+00	-0.01	26.40	9.5E-01	-0.14	26.40	6.2E-01
YP_513106.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514545.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514532.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514503.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514499.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514438.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514388.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514349.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514344.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514319.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514313.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514282.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514269.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514266.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514249.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514190.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514155.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514113.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514101.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514057.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514030.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_514012.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513987.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513969.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513961.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513921.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513878.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513838.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513814.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513721.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513680.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513518.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513484.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513434.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513430.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513384.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513367.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513279.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513272.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513212.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513190.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513136.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513126.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513062.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513060.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513058.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512980.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512959.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512951.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512933.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512926.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512905.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512884.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512862.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512831.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512827.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_512814.1	24.3	0.01	24.22	1.0E+00	-0.01	24.22	9.2E-01	0.06	24.22	6.3E-01
YP_513294.1	31.1	0.06	31.02	1.0E+00	-0.01	31.02	9.4E-01	0.07	31.02	6.7E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514539.1	30.1	0.11	29.77	1.0E+00	-0.01	29.77	9.5E-01	0.20	29.77	6.0E-01
YP_514052.1	27.7	-0.02	27.70	1.0E+00	-0.01	27.70	9.4E-01	-0.12	27.70	6.0E-01
YP_514529.1	27.4	-0.07	27.68	1.0E+00	-0.01	27.68	9.7E-01	-0.20	27.68	6.1E-01
YP_513788.1	31.6	0.02	31.47	1.0E+00	-0.01	31.47	9.5E-01	0.13	31.47	6.0E-01
YP_513917.1	24.0	0.19	23.84	1.0E+00	0.00	23.84	9.9E-01	-0.21	23.84	7.2E-01
YP_514556.1	29.9	0.00	30.02	1.0E+00	0.00	30.02	1.0E+00	-0.14	30.02	6.1E-01
YP_514021	0.0	28.71	8.60	7.0E-30	0.00	8.60	1.0E+00	0.00	8.60	1.0E+00
YP_513228.1	25.8	0.00	8.07	1.0E+00	0.00	8.07	1.0E+00	26.04	8.07	1.0E-26
YP_513534.1	28.8	-0.06	28.88	1.0E+00	0.00	28.88	9.9E-01	-0.15	28.88	6.3E-01
YP_513019.1	33.6	0.00	33.60	1.0E+00	0.00	33.60	9.7E-01	-0.06	33.60	7.3E-01
YP_514304.1	24.5	0.00	24.51	1.0E+00	0.01	24.51	9.8E-01	0.19	24.51	6.3E-01
YP_513749.1	26.1	0.00	25.72	1.0E+00	0.01	25.72	9.5E-01	-0.22	25.72	6.0E-01
YP_513020.1	34.4	0.08	34.29	1.0E+00	0.01	34.29	9.8E-01	0.24	34.29	6.2E-01
YP_513920.1	30.2	0.03	30.17	1.0E+00	0.01	30.17	9.5E-01	0.07	30.17	7.9E-01
YP_514420.1	33.5	0.03	33.41	1.0E+00	0.01	33.41	9.2E-01	-0.02	33.41	9.4E-01
YP_513481.1	20.3	0.77	20.06	1.0E+00	0.01	20.06	9.8E-01	1.38	20.06	6.0E-01
YP_513307.1	32.9	0.10	32.99	1.0E+00	0.01	32.99	9.5E-01	0.04	32.99	9.1E-01
YP_513222.1	29.3	0.14	29.11	1.0E+00	0.02	29.11	9.2E-01	0.02	29.11	9.3E-01
YP_514374.1	34.7	0.05	34.67	1.0E+00	0.02	34.67	9.2E-01	-0.02	34.67	9.2E-01
YP_514001.1	19.9	-0.15	21.28	1.0E+00	0.02	21.28	9.8E-01	-0.91	21.28	6.0E-01
YP_514087.1	28.8	-0.04	28.93	1.0E+00	0.02	28.93	9.2E-01	0.01	28.93	9.6E-01
YP_512946.1	27.6	-0.09	27.71	1.0E+00	0.02	27.71	9.2E-01	-0.24	27.71	6.0E-01
YP_513100.1	22.2	-0.09	22.64	1.0E+00	0.02	22.64	9.7E-01	-0.64	22.64	6.0E-01
YP_513385.1	25.0	0.00	25.19	1.0E+00	0.02	25.19	9.2E-01	0.10	25.19	6.7E-01
YP_513362.1	31.1	0.03	31.05	1.0E+00	0.02	31.05	9.2E-01	-0.03	31.05	8.9E-01
YP_513530.1	24.5	-0.13	24.58	1.0E+00	0.02	24.58	9.6E-01	-0.02	24.58	9.8E-01
YP_513186.1	28.9	-0.01	28.81	1.0E+00	0.02	28.81	9.1E-01	-0.14	28.81	6.1E-01
YP_513097.1	25.4	0.08	25.49	1.0E+00	0.02	25.49	9.2E-01	0.16	25.49	6.3E-01
YP_514340.1	28.6	0.05	28.45	1.0E+00	0.03	28.45	9.2E-01	0.17	28.45	6.1E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513365.1	30.6	-0.01	30.53	1.0E+00	0.03	30.53	8.3E-01	-0.05	30.53	6.9E-01
YP_513170.1	26.2	-0.09	26.46	1.0E+00	0.03	26.46	8.8E-01	-0.11	26.46	6.3E-01
YP_512890.1	28.4	0.08	28.55	1.0E+00	0.03	28.55	9.5E-01	0.60	28.55	6.1E-01
YP_512880.1	29.4	0.05	29.45	1.0E+00	0.03	29.45	8.2E-01	0.00	29.45	9.8E-01
YP_513549.1	29.2	-0.11	29.21	1.0E+00	0.03	29.21	8.3E-01	-0.07	29.21	6.5E-01
YP_514036.1	25.7	0.04	25.75	1.0E+00	0.03	25.75	9.4E-01	0.40	25.75	6.2E-01
YP_514274.1	20.7	0.10	20.91	1.0E+00	0.04	20.91	9.3E-01	-0.22	20.91	6.8E-01
YP_513379.1	28.1	0.04	28.12	1.0E+00	0.04	28.12	8.8E-01	0.00	28.12	1.0E+00
YP_514141.1	30.7	0.06	30.58	1.0E+00	0.04	30.58	7.7E-01	0.01	30.58	9.8E-01
YP_514365.1	24.7	-0.02	24.50	1.0E+00	0.04	24.50	9.4E-01	-0.21	24.50	7.2E-01
YP_513151.1	27.7	0.27	27.36	1.0E+00	0.04	27.36	9.4E-01	0.49	27.36	6.1E-01
YP_514472.1	31.0	0.05	30.93	1.0E+00	0.04	30.93	8.3E-01	0.00	30.93	9.8E-01
YP_513437.1	28.5	-0.04	28.48	1.0E+00	0.04	28.48	8.8E-01	-0.15	28.48	6.3E-01
YP_512847.1	29.7	-0.09	29.53	1.0E+00	0.04	29.53	9.2E-01	0.15	29.53	6.5E-01
YP_513291.1	33.3	0.03	33.30	1.0E+00	0.04	33.30	8.5E-01	0.14	33.30	6.2E-01
YP_513208.1	32.0	-0.04	32.11	1.0E+00	0.04	32.11	8.8E-01	-0.15	32.11	6.3E-01
YP_514039.1	29.0	0.18	28.89	1.0E+00	0.04	28.89	9.2E-01	0.35	28.89	6.2E-01
YP_514237.1	31.5	-0.03	31.61	1.0E+00	0.04	31.61	7.2E-01	-0.07	31.61	6.3E-01
YP_513646.1	28.7	0.06	28.41	1.0E+00	0.04	28.41	8.5E-01	0.10	28.41	6.5E-01
YP_513994.1	35.0	0.11	34.91	1.0E+00	0.04	34.91	6.2E-01	0.09	34.91	6.0E-01
YP_514330.1	24.4	-0.02	24.78	1.0E+00	0.05	24.78	9.2E-01	-0.46	24.78	6.0E-01
YP_512982.1	30.2	0.20	30.07	1.0E+00	0.05	30.07	9.1E-01	0.15	30.07	6.7E-01
YP_513422.1	27.1	0.06	27.02	1.0E+00	0.05	27.02	9.2E-01	0.13	27.02	8.2E-01
YP_513946.1	30.1	-0.08	30.16	1.0E+00	0.05	30.16	8.7E-01	-0.17	30.16	6.3E-01
YP_513043.1	33.7	-0.09	33.85	1.0E+00	0.05	33.85	8.6E-01	-0.19	33.85	6.2E-01
YP_513578.1	30.7	-0.13	30.70	1.0E+00	0.05	30.70	8.2E-01	0.02	30.70	9.4E-01
YP_514256.1	30.3	0.05	30.36	1.0E+00	0.06	30.36	5.0E-01	-0.05	30.36	6.3E-01
YP_513519.1	28.2	0.03	28.22	1.0E+00	0.06	28.22	6.6E-01	-0.01	28.22	9.4E-01
YP_513474.1	28.7	-0.01	28.94	1.0E+00	0.06	28.94	9.0E-01	0.24	28.94	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3.3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513247.1	28.5	-0.03	28.56	1.0E+00	0.06	28.56	4.6E-01	-0.01	28.56	9.0E-01
YP_514294.1	29.6	-0.03	29.74	1.0E+00	0.06	29.74	5.6E-01	-0.08	29.74	6.3E-01
YP_513037.1	34.0	0.07	33.94	1.0E+00	0.06	33.94	7.2E-01	-0.06	33.94	7.6E-01
YP_513723.1	28.4	-0.03	28.46	1.0E+00	0.06	28.46	6.3E-01	-0.10	28.46	6.2E-01
YP_512822.1	31.8	0.01	31.80	1.0E+00	0.06	31.80	4.7E-01	0.03	31.80	7.8E-01
YP_513034.1	33.8	0.19	33.65	1.0E+00	0.06	33.65	8.9E-01	0.29	33.65	6.1E-01
YP_513408.1	30.1	-0.03	30.02	1.0E+00	0.06	30.02	6.0E-01	0.05	30.02	7.2E-01
YP_513555.1	26.5	-0.02	26.48	1.0E+00	0.06	26.48	7.0E-01	0.03	26.48	8.9E-01
YP_513635.1	27.5	0.14	27.41	1.0E+00	0.06	27.41	9.2E-01	0.38	27.41	6.3E-01
YP_513560.1	30.2	0.04	30.00	1.0E+00	0.06	30.00	8.1E-01	0.04	30.00	8.9E-01
YP_512935.1	29.2	-0.16	29.42	1.0E+00	0.06	29.42	8.5E-01	-0.28	29.42	6.0E-01
YP_513898.1	26.5	0.00	26.61	1.0E+00	0.06	26.61	8.3E-01	-0.06	26.61	8.6E-01
YP_513885.1	26.4	-0.03	26.20	1.0E+00	0.07	26.20	8.3E-01	0.27	26.20	6.0E-01
YP_514555.1	32.1	0.39	32.31	1.0E+00	0.07	32.31	9.1E-01	0.26	32.31	6.3E-01
YP_513927.1	28.3	0.01	28.24	1.0E+00	0.07	28.24	8.8E-01	0.20	28.24	6.4E-01
YP_513348.1	33.5	0.01	33.60	1.0E+00	0.07	33.60	4.5E-01	0.02	33.60	8.8E-01
YP_513411.1	28.2	-0.12	28.57	1.0E+00	0.07	28.57	5.8E-01	-0.18	28.57	6.0E-01
YP_514194.1	27.4	-0.09	27.54	1.0E+00	0.07	27.54	5.2E-01	-0.18	27.54	6.0E-01
YP_514097.1	33.3	-0.10	33.33	1.0E+00	0.07	33.33	7.9E-01	-0.12	33.33	6.7E-01
YP_513965.1	27.5	-0.12	27.61	1.0E+00	0.07	27.61	8.5E-01	-0.35	27.61	6.0E-01
YP_513424.1	26.4	-0.10	26.18	1.0E+00	0.07	26.18	9.2E-01	0.21	26.18	7.3E-01
YP_513257.1	31.3	-0.01	31.23	1.0E+00	0.07	31.23	5.5E-01	-0.02	31.23	8.9E-01
YP_513768.1	29.8	0.04	29.91	1.0E+00	0.07	29.91	8.3E-01	-0.14	29.91	6.8E-01
YP_513522.1	25.2	0.02	25.42	1.0E+00	0.07	25.42	7.0E-01	0.08	25.42	7.3E-01
YP_513013.1	31.0	0.07	30.94	1.0E+00	0.08	30.94	4.4E-01	0.09	30.94	6.2E-01
YP_514127.1	30.5	-0.02	30.45	1.0E+00	0.08	30.45	6.0E-01	-0.06	30.45	7.4E-01
YP_513195.1	29.4	-0.01	29.19	1.0E+00	0.08	29.19	9.1E-01	0.12	29.19	8.3E-01
YP_513666.1	28.6	0.05	28.48	1.0E+00	0.08	28.48	7.8E-01	0.11	28.48	6.9E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513869.1	32.3	0.06	32.19	1.0E+00	0.08	32.19	7.9E-01	0.24	32.19	6.1E-01
YP_513764.1	29.3	-0.01	29.29	1.0E+00	0.08	29.29	7.4E-01	-0.10	29.29	7.2E-01
YP_513956.1	27.9	-0.01	27.96	1.0E+00	0.08	27.96	6.4E-01	-0.15	27.96	6.2E-01
YP_513812.1	24.5	0.07	24.39	1.0E+00	0.08	24.39	5.7E-01	-0.06	24.39	7.3E-01
YP_514198.1	31.4	-0.04	31.30	1.0E+00	0.08	31.30	3.4E-01	0.04	31.30	7.3E-01
YP_513345.1	31.6	-0.08	31.65	1.0E+00	0.08	31.65	7.6E-01	-0.14	31.65	6.3E-01
YP_513790.1	29.1	0.05	29.27	1.0E+00	0.08	29.27	9.2E-01	0.66	29.27	6.2E-01
YP_513227.1	27.1	0.06	25.03	1.0E+00	0.08	25.03	9.2E-01	0.11	25.03	8.8E-01
YP_513933.1	27.4	0.01	27.29	1.0E+00	0.09	27.29	7.8E-01	0.24	27.29	6.2E-01
YP_514217.1	23.7	0.14	23.73	1.0E+00	0.09	23.73	8.6E-01	0.25	23.73	6.3E-01
YP_512820.1	29.7	-0.04	29.51	1.0E+00	0.09	29.51	5.1E-01	0.13	29.51	6.1E-01
YP_514423.1	30.0	-0.02	29.95	1.0E+00	0.09	29.95	4.5E-01	-0.05	29.95	7.4E-01
YP_514510.1	28.2	0.15	28.12	1.0E+00	0.09	28.12	5.5E-01	0.21	28.12	6.0E-01
YP_513883.1	26.4	0.01	26.02	1.0E+00	0.09	26.02	6.4E-01	0.37	26.02	6.0E-01
YP_513940.1	30.4	0.06	30.40	1.0E+00	0.09	30.40	4.8E-01	0.16	30.40	6.0E-01
YP_513900.1	25.5	-0.02	24.88	1.0E+00	0.09	24.88	9.0E-01	0.62	24.88	6.0E-01
YP_513303.1	29.0	-0.03	28.98	1.0E+00	0.09	28.98	5.5E-01	-0.17	28.98	6.0E-01
YP_514262.1	27.3	-0.04	27.23	1.0E+00	0.09	27.23	8.5E-01	-0.37	27.23	6.1E-01
YP_513177.1	29.2	-0.51	29.58	1.0E+00	0.10	29.58	7.8E-01	-0.16	29.58	6.8E-01
YP_514112.1	33.0	0.02	33.00	1.0E+00	0.10	33.00	3.6E-01	-0.01	33.00	9.7E-01
YP_514050.1	27.2	-0.08	27.12	1.0E+00	0.10	27.12	6.3E-01	-0.09	27.12	7.1E-01
YP_513507.1	27.9	0.01	28.20	1.0E+00	0.10	28.20	7.7E-01	0.05	28.20	9.0E-01
YP_514564.1	24.6	0.21	24.42	1.0E+00	0.10	24.42	7.5E-01	0.33	24.42	6.0E-01
YP_514139.1	26.7	0.20	26.47	1.0E+00	0.10	26.47	7.8E-01	0.30	26.47	6.1E-01
YP_513597.1	30.4	-0.05	30.33	1.0E+00	0.10	30.33	3.0E-01	-0.02	30.33	9.1E-01
YP_513103.1	32.2	-0.08	32.26	1.0E+00	0.10	32.26	3.3E-01	-0.06	32.26	6.4E-01
YP_513860.1	28.5	0.00	28.66	1.0E+00	0.10	28.66	5.7E-01	0.15	28.66	6.2E-01
YP_514104.1	25.6	0.05	26.00	1.0E+00	0.10	26.00	5.0E-01	-0.27	26.00	6.0E-01
YP_513957.1	22.4	-0.04	23.09	1.0E+00	0.10	23.09	8.9E-01	-0.40	23.09	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_512998.1	26.4	0.07	26.42	1.0E+00	0.10	26.42	7.8E-01	-0.18	26.42	6.5E-01
YP_514035.1	21.0	0.61	21.32	1.0E+00	0.10	21.32	9.2E-01	0.32	21.32	7.2E-01
YP_513881.1	31.1	-0.05	31.20	1.0E+00	0.10	31.20	1.8E-01	-0.02	31.20	8.8E-01
YP_513102.1	33.3	-0.01	33.29	1.0E+00	0.11	33.29	2.6E-01	0.04	33.29	7.8E-01
YP_514199.1	34.2	-0.01	34.26	1.0E+00	0.11	34.26	2.3E-01	0.04	34.26	7.3E-01
YP_513570.1	30.3	-0.07	30.18	1.0E+00	0.11	30.18	6.4E-01	-0.08	30.18	7.9E-01
YP_513835.1	31.2	0.04	31.10	1.0E+00	0.11	31.10	3.8E-01	0.00	31.10	1.0E+00
YP_513342.1	27.2	-0.01	27.11	1.0E+00	0.11	27.11	5.8E-01	0.12	27.11	6.3E-01
YP_513750.1	31.4	0.12	31.28	1.0E+00	0.11	31.28	4.6E-01	0.20	31.28	6.0E-01
YP_514187.1	27.1	0.05	27.04	1.0E+00	0.11	27.04	7.3E-01	0.02	27.04	9.6E-01
YP_513572.1	29.8	0.09	29.40	1.0E+00	0.11	29.40	5.1E-01	0.13	29.40	6.3E-01
YP_513410.1	28.1	0.04	27.85	1.0E+00	0.12	27.85	5.0E-01	-0.02	27.85	9.6E-01
YP_514478.1	30.7	-0.03	30.65	1.0E+00	0.12	30.65	4.6E-01	-0.10	30.65	6.4E-01
YP_514245.1	29.3	0.01	29.29	1.0E+00	0.12	29.29	5.0E-01	0.09	29.29	6.8E-01
YP_513973.1	30.5	0.11	30.34	1.0E+00	0.12	30.34	8.3E-01	0.10	30.34	8.7E-01
YP_513636.1	31.0	0.22	30.61	1.0E+00	0.12	30.61	7.4E-01	0.35	30.61	6.0E-01
YP_514337.1	28.9	0.10	28.92	1.0E+00	0.12	28.92	8.5E-01	0.49	28.92	6.1E-01
YP_513656.1	23.6	-0.34	23.69	1.0E+00	0.12	23.69	7.1E-01	-0.11	23.69	7.6E-01
YP_514520.1	30.9	0.09	30.98	1.0E+00	0.12	30.98	4.3E-01	0.09	30.98	6.4E-01
YP_514184.1	30.2	-0.04	30.42	1.0E+00	0.12	30.42	7.3E-01	0.15	30.42	7.1E-01
YP_514299.1	30.3	-0.03	30.35	1.0E+00	0.12	30.35	3.5E-01	-0.01	30.35	9.6E-01
YP_513833.1	31.1	-0.06	31.07	1.0E+00	0.12	31.07	3.4E-01	-0.05	31.07	7.7E-01
YP_513290.1	27.9	0.21	27.54	1.0E+00	0.12	27.54	9.0E-01	0.90	27.54	6.0E-01
YP_513397.1	29.2	0.02	29.26	1.0E+00	0.12	29.26	1.6E-01	0.05	29.26	7.0E-01
YP_513524.1	30.5	0.04	30.36	1.0E+00	0.12	30.36	2.1E-01	0.19	30.36	6.0E-01
YP_513936.1	26.7	-0.11	27.09	1.0E+00	0.12	27.09	3.8E-01	-0.26	27.09	6.0E-01
YP_512940.1	26.1	0.08	26.11	1.0E+00	0.12	26.11	7.3E-01	0.33	26.11	6.0E-01
YP_513329.1	32.6	0.02	32.56	1.0E+00	0.12	32.56	2.9E-01	0.06	32.56	6.9E-01
YP_512873.1	27.3	0.18	27.17	1.0E+00	0.13	27.17	5.8E-01	0.26	27.17	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514075.1	29.7	0.00	29.75	1.0E+00	0.13	29.75	2.2E-01	-0.02	29.75	9.2E-01
YP_513023.1	27.4	0.30	27.48	1.0E+00	0.13	27.48	5.0E-01	0.14	27.48	6.3E-01
YP_514109.1	31.0	0.02	31.09	1.0E+00	0.13	31.09	2.4E-01	-0.10	31.09	6.2E-01
YP_513913.1	28.9	-0.01	29.01	1.0E+00	0.13	29.01	4.0E-01	-0.02	29.01	9.4E-01
YP_514146.1	26.4	-0.02	26.39	1.0E+00	0.13	26.39	6.3E-01	-0.03	26.39	9.5E-01
YP_513224.1	27.9	0.13	27.87	1.0E+00	0.13	27.87	2.4E-01	0.00	27.87	9.8E-01
YP_513181.1	28.5	-0.11	28.73	1.0E+00	0.13	28.73	6.7E-01	0.07	28.73	8.6E-01
YP_514000.1	31.3	0.04	31.24	1.0E+00	0.13	31.24	6.3E-02	0.06	31.24	6.3E-01
YP_514179.1	29.6	0.00	29.67	1.0E+00	0.14	29.67	7.8E-01	0.34	29.67	6.2E-01
YP_513834.1	33.0	0.01	32.97	1.0E+00	0.14	32.97	2.0E-01	0.17	32.97	6.0E-01
YP_514107.1	31.7	0.36	31.23	1.0E+00	0.14	31.23	9.0E-01	0.49	31.23	6.3E-01
YP_514370.1	29.2	-0.02	29.28	1.0E+00	0.14	29.28	9.6E-02	0.01	29.28	9.5E-01
YP_513618.1	27.6	-0.11	27.57	1.0E+00	0.14	27.57	5.8E-01	-0.20	27.57	6.3E-01
YP_513144.1	31.0	0.00	30.88	1.0E+00	0.14	30.88	1.5E-01	0.18	30.88	6.0E-01
YP_514080.1	26.2	0.08	26.02	1.0E+00	0.15	26.02	4.8E-01	0.28	26.02	6.0E-01
YP_513565.1	29.4	0.07	29.35	1.0E+00	0.15	29.35	2.6E-01	0.00	29.35	1.0E+00
YP_513478.1	26.4	0.10	26.28	1.0E+00	0.15	26.28	2.4E-01	0.16	26.28	6.0E-01
YP_514483.1	30.4	0.22	30.18	1.0E+00	0.15	30.18	6.2E-01	0.26	30.18	6.2E-01
YP_514355.1	27.7	-0.03	27.83	1.0E+00	0.15	27.83	2.6E-01	-0.15	27.83	6.0E-01
YP_512895.1	34.1	0.03	34.36	1.0E+00	0.15	34.36	2.5E-01	-0.01	34.36	9.8E-01
YP_513439.1	18.2	-1.24	16.84	1.0E+00	0.15	16.84	9.7E-01	-6.22	16.84	6.0E-01
YP_513318.1	31.9	-0.06	31.99	1.0E+00	0.15	31.99	3.7E-01	0.04	31.99	8.7E-01
YP_512878.1	27.5	0.04	27.55	1.0E+00	0.16	27.55	4.3E-01	0.18	27.55	6.2E-01
YP_513376.1	36.0	-0.23	36.19	1.0E+00	0.16	36.19	5.3E-01	-0.16	36.19	6.3E-01
YP_513049.1	31.0	0.16	31.32	1.0E+00	0.16	31.32	6.4E-01	0.05	31.32	9.1E-01
YP_514341.1	26.7	0.28	26.45	1.0E+00	0.16	26.45	8.8E-01	0.55	26.45	6.3E-01
YP_513407.1	25.0	-0.07	25.26	1.0E+00	0.16	25.26	7.5E-01	-0.45	25.26	6.1E-01
YP_513450.1	26.1	0.00	26.40	1.0E+00	0.16	26.40	1.8E-01	-0.08	26.40	6.4E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514218.1	30.4	0.03	30.40	1.0E+00	0.16	30.40	6.6E-01	0.28	30.40	6.3E-01
YP_514487.1	27.5	-0.07	27.49	1.0E+00	0.16	27.49	2.2E-01	-0.11	27.49	6.3E-01
YP_514226.1	27.0	-0.09	27.34	1.0E+00	0.16	27.34	4.3E-01	-0.37	27.34	6.0E-01
YP_513287.1	30.6	-0.07	30.67	1.0E+00	0.16	30.67	1.2E-01	-0.15	30.67	6.0E-01
YP_513606.1	30.8	-0.01	31.04	1.0E+00	0.17	31.04	1.3E-01	-0.04	31.04	8.1E-01
YP_513055.1	33.7	-0.02	33.76	1.0E+00	0.17	33.76	1.6E-01	0.17	33.76	6.0E-01
YP_514400.1	29.6	0.10	29.40	1.0E+00	0.17	29.40	3.1E-01	0.15	29.40	6.2E-01
YP_514255.1	28.7	0.04	28.60	1.0E+00	0.17	28.60	4.0E-01	0.09	28.60	7.3E-01
YP_513480.1	27.4	0.06	27.39	1.0E+00	0.17	27.39	1.0E-01	0.05	27.39	7.0E-01
YP_513671.1	30.8	0.00	31.12	1.0E+00	0.17	31.12	3.5E-01	-0.16	31.12	6.2E-01
YP_513082.1	24.4	0.08	24.69	1.0E+00	0.17	24.69	8.3E-01	-0.59	24.69	6.2E-01
YP_513022.1	31.8	0.02	32.08	1.0E+00	0.17	32.08	7.2E-01	0.35	32.08	6.3E-01
YP_513584.1	26.2	0.05	26.30	1.0E+00	0.18	26.30	1.7E-01	-0.07	26.30	7.0E-01
YP_513315.1	29.1	0.12	28.87	1.0E+00	0.18	28.87	3.2E-01	0.08	28.87	7.3E-01
YP_513793.1	30.4	0.02	30.34	1.0E+00	0.18	30.34	3.1E-02	0.05	30.34	6.7E-01
YP_512997.1	24.4	0.12	24.26	1.0E+00	0.18	24.26	6.8E-01	0.02	24.26	9.7E-01
YP_513568.1	26.5	-0.04	26.07	1.0E+00	0.18	26.07	8.3E-01	0.29	26.07	7.2E-01
YP_513697.1	27.8	0.05	27.81	1.0E+00	0.18	27.81	1.7E-01	0.00	27.81	9.8E-01
YP_513718.1	29.5	0.02	29.47	1.0E+00	0.18	29.47	1.3E-01	0.07	29.47	6.8E-01
YP_513417.1	26.4	-0.09	26.49	1.0E+00	0.18	26.49	4.0E-01	0.09	26.49	7.3E-01
YP_513333.1	29.9	0.08	29.90	1.0E+00	0.18	29.90	6.4E-01	0.37	29.90	6.1E-01
YP_513614.1	30.4	0.20	30.13	1.0E+00	0.18	30.13	8.3E-01	0.42	30.13	6.3E-01
YP_513615.1	30.0	0.05	29.90	1.0E+00	0.18	29.90	7.1E-02	0.01	29.90	9.3E-01
YP_514181.1	29.5	-0.01	29.67	1.0E+00	0.18	29.67	7.1E-02	-0.09	29.67	6.3E-01
YP_513475.1	25.3	0.24	25.10	1.0E+00	0.18	25.10	4.4E-01	0.07	25.10	8.3E-01
YP_513717.1	30.9	-0.08	30.96	1.0E+00	0.18	30.96	3.8E-01	-0.18	30.96	6.3E-01
YP_513184.1	28.1	0.14	28.07	1.0E+00	0.19	28.07	8.3E-01	0.72	28.07	6.1E-01
YP_514149.1	30.0	-0.13	30.37	1.0E+00	0.19	30.37	4.9E-01	0.05	30.37	9.0E-01
YP_513645.1	28.1	-0.10	28.27	1.0E+00	0.19	28.27	2.7E-02	-0.06	28.27	6.3E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513305.1	29.7	0.24	29.68	1.0E+00	0.19	29.68	8.3E-01	0.87	29.68	6.0E-01
YP_514413.1	29.5	-0.12	29.47	1.0E+00	0.19	29.47	3.9E-01	-0.10	29.47	7.3E-01
YP_514345.1	36.7	0.12	36.64	1.0E+00	0.19	36.64	3.2E-01	0.19	36.64	6.1E-01
YP_513763.1	26.8	0.15	26.89	1.0E+00	0.19	26.89	7.7E-01	0.53	26.89	6.1E-01
YP_513492.1	31.0	-0.03	31.11	1.0E+00	0.19	31.11	9.7E-02	0.01	31.11	9.5E-01
YP_513489.1	24.6	-0.06	24.72	1.0E+00	0.19	24.72	4.3E-01	-0.12	24.72	6.9E-01
YP_513056.1	32.7	0.11	32.58	1.0E+00	0.20	32.58	1.0E-01	0.06	32.58	7.2E-01
YP_513116.1	29.5	-0.02	29.53	1.0E+00	0.20	29.53	8.8E-02	0.06	29.53	6.9E-01
YP_513612.1	31.2	0.05	31.07	1.0E+00	0.20	31.07	1.6E-02	0.07	31.07	6.3E-01
YP_514215.1	25.8	-0.02	25.85	1.0E+00	0.20	25.85	3.9E-01	-0.11	25.85	7.1E-01
YP_513366.1	29.8	0.01	29.86	1.0E+00	0.20	29.86	2.2E-01	-0.13	29.86	6.3E-01
YP_513202.1	27.8	-0.08	28.01	1.0E+00	0.20	28.01	6.3E-01	-0.28	28.01	6.3E-01
YP_513872.1	28.1	-0.05	28.20	1.0E+00	0.20	28.20	7.2E-02	-0.18	28.20	6.0E-01
YP_512978.1	26.6	0.09	26.87	1.0E+00	0.20	26.87	7.2E-02	-0.16	26.87	6.0E-01
YP_513258.1	29.1	0.04	29.16	1.0E+00	0.20	29.16	1.5E-01	-0.11	29.16	6.3E-01
YP_512867.1	27.0	0.08	27.10	1.0E+00	0.21	27.10	3.4E-01	-0.07	27.10	8.2E-01
YP_514301.1	29.2	0.00	29.35	1.0E+00	0.21	29.35	1.1E-01	-0.07	29.35	7.0E-01
YP_514421.1	30.5	0.00	30.42	1.0E+00	0.21	30.42	1.3E-01	-0.12	30.42	6.3E-01
YP_512937.1	28.1	0.15	27.72	1.0E+00	0.21	27.72	4.0E-01	0.30	27.72	6.0E-01
YP_513602.1	25.9	-0.15	26.15	1.0E+00	0.21	26.15	4.1E-01	-0.26	26.15	6.1E-01
YP_514336.1	30.4	-0.06	30.54	1.0E+00	0.21	30.54	7.5E-02	-0.17	30.54	6.0E-01
YP_513101.1	34.7	0.12	34.58	1.0E+00	0.22	34.58	2.3E-01	-0.06	34.58	7.9E-01
YP_514364.1	30.8	0.13	30.83	1.0E+00	0.22	30.83	6.4E-02	0.11	30.83	6.2E-01
YP_513629.1	31.7	-0.11	31.91	1.0E+00	0.22	31.91	1.5E-01	-0.16	31.91	6.1E-01
YP_513729.1	26.9	-0.12	27.05	1.0E+00	0.22	27.05	1.4E-01	-0.08	27.05	7.1E-01
YP_512987.1	31.2	-0.09	31.24	1.0E+00	0.22	31.24	1.9E-01	-0.13	31.24	6.3E-01
YP_513613.1	31.8	0.05	31.83	1.0E+00	0.22	31.83	2.0E-03	0.01	31.83	8.9E-01
YP_514516.1	29.9	-0.04	30.01	1.0E+00	0.22	30.01	1.5E-01	0.06	30.01	7.9E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514303.1	31.2	-0.08	31.46	1.0E+00	0.22	31.46	2.1E-01	-0.13	31.46	6.3E-01
YP_514424.1	32.6	0.05	32.48	1.0E+00	0.22	32.48	2.3E-01	0.17	32.48	6.2E-01
YP_513261.1	29.2	0.00	29.43	1.0E+00	0.22	29.43	2.7E-01	-0.07	29.43	7.9E-01
YP_513457.1	25.2	0.00	25.30	1.0E+00	0.23	25.30	6.3E-01	-0.25	25.30	6.7E-01
YP_512829.1	32.7	0.06	32.70	1.0E+00	0.23	32.70	3.2E-01	-0.16	32.70	6.3E-01
YP_513426.1	31.7	-0.04	31.67	1.0E+00	0.23	31.67	1.3E-01	-0.05	31.67	8.2E-01
YP_513198.1	30.8	0.02	30.78	1.0E+00	0.23	30.78	7.1E-02	0.10	30.78	6.3E-01
YP_513122.1	30.0	-0.11	30.22	1.0E+00	0.23	30.22	2.6E-01	-0.25	30.22	6.0E-01
YP_514168.1	31.4	-0.09	31.48	1.0E+00	0.23	31.48	9.3E-03	-0.05	31.48	6.8E-01
YP_513050.1	33.6	0.13	33.59	1.0E+00	0.23	33.59	6.0E-01	0.48	33.59	6.0E-01
YP_514068.1	29.4	0.08	29.38	1.0E+00	0.23	29.38	1.9E-02	0.07	29.38	6.3E-01
YP_513981.1	32.0	0.14	31.98	1.0E+00	0.24	31.98	4.6E-01	0.31	31.98	6.2E-01
YP_514125.1	32.8	0.06	32.91	1.0E+00	0.24	32.91	5.8E-01	0.33	32.91	6.3E-01
YP_514043.1	26.3	-0.05	26.31	1.0E+00	0.24	26.31	1.8E-01	0.01	26.31	9.6E-01
YP_514524.1	31.1	-0.10	31.19	1.0E+00	0.24	31.19	1.6E-01	-0.10	31.19	6.5E-01
YP_514563.1	23.2	0.21	23.56	1.0E+00	0.24	23.56	5.3E-01	0.25	23.56	6.3E-01
YP_513275.1	25.2	0.02	25.72	1.0E+00	0.24	25.72	2.5E-01	-0.37	25.72	6.0E-01
YP_513880.1	30.7	0.07	30.79	1.0E+00	0.25	30.79	1.2E-03	0.04	30.79	6.4E-01
YP_514419.1	31.0	-0.03	31.01	1.0E+00	0.25	31.01	6.1E-01	0.38	31.01	6.3E-01
YP_512811.1	30.2	0.04	30.23	1.0E+00	0.25	30.23	5.4E-02	-0.02	30.23	9.4E-01
YP_513259.1	30.0	-0.01	29.96	1.0E+00	0.26	29.96	4.5E-02	0.02	29.96	9.2E-01
YP_513975.1	30.0	-0.04	30.14	1.0E+00	0.26	30.14	4.0E-02	-0.12	30.14	6.2E-01
YP_514260.1	29.1	0.54	28.68	1.0E+00	0.26	28.68	3.8E-01	0.49	28.68	6.0E-01
YP_513797.1	28.5	0.00	28.74	1.0E+00	0.26	28.74	6.7E-01	0.45	28.74	6.3E-01
YP_513121.1	26.7	-0.02	26.85	1.0E+00	0.26	26.85	7.5E-02	-0.20	26.85	6.0E-01
YP_513494.1	28.1	-0.05	28.22	1.0E+00	0.26	28.22	3.7E-02	0.01	28.22	9.7E-01
YP_513229.1	29.7	0.00	29.71	1.0E+00	0.26	29.71	7.2E-01	0.68	29.71	6.1E-01
YP_514003.1	26.6	0.07	26.58	1.0E+00	0.26	26.58	8.7E-02	0.24	26.58	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514169.1	31.8	0.09	31.39	1.0E+00	0.26	31.39	2.4E-01	0.39	31.39	6.0E-01
YP_514307.1	28.4	-0.06	28.42	1.0E+00	0.26	28.42	2.7E-01	-0.09	28.42	7.7E-01
YP_512888.1	28.8	-0.04	28.76	1.0E+00	0.27	28.76	2.5E-02	0.13	28.76	6.1E-01
YP_513256.1	30.7	-0.03	30.71	1.0E+00	0.27	30.71	7.7E-02	0.03	30.71	8.9E-01
YP_513569.1	30.3	0.05	30.29	1.0E+00	0.27	30.29	3.5E-01	0.35	30.29	6.0E-01
YP_514464.1	30.1	-0.01	30.07	1.0E+00	0.27	30.07	2.7E-04	0.01	30.07	9.6E-01
YP_514088.1	29.5	0.07	29.55	1.0E+00	0.27	29.55	6.0E-03	0.05	29.55	6.9E-01
YP_514241.1	29.6	0.08	29.41	1.0E+00	0.27	29.41	1.2E-02	0.28	29.41	4.8E-01
YP_513505.1	27.5	0.06	27.52	1.0E+00	0.27	27.52	6.2E-03	0.02	27.52	8.7E-01
YP_513205.1	25.9	-0.02	26.05	1.0E+00	0.28	26.05	4.9E-02	0.11	26.05	6.3E-01
YP_514375.1	34.2	0.01	34.13	1.0E+00	0.28	34.13	8.0E-03	0.02	34.13	9.0E-01
YP_514103.1	26.2	-0.12	26.49	1.0E+00	0.28	26.49	8.2E-02	-0.30	26.49	6.0E-01
YP_513759.1	26.5	0.07	26.97	1.0E+00	0.28	26.97	3.4E-01	0.00	26.97	1.0E+00
YP_514222.1	22.2	-0.13	22.01	1.0E+00	0.28	22.01	5.8E-01	0.55	22.01	6.0E-01
YP_513185.1	27.5	0.00	27.39	1.0E+00	0.28	27.39	2.7E-03	0.05	27.39	6.8E-01
YP_513147.1	27.3	0.06	27.23	1.0E+00	0.28	27.23	2.2E-01	0.29	27.23	6.0E-01
YP_513758.1	32.1	0.10	32.04	1.0E+00	0.28	32.04	2.2E-01	0.28	32.04	6.0E-01
YP_514230.1	33.2	0.03	33.35	1.0E+00	0.28	33.35	1.1E-01	-0.04	33.35	8.6E-01
YP_513596.1	27.3	-0.02	27.45	1.0E+00	0.28	27.45	2.7E-03	-0.11	27.45	6.0E-01
YP_513468.1	32.7	-0.04	32.84	1.0E+00	0.28	32.84	8.0E-02	-0.19	32.84	6.0E-01
YP_514434.1	33.2	0.05	33.14	1.0E+00	0.28	33.14	1.3E-02	0.12	33.14	6.1E-01
YP_512996.1	25.4	-0.15	25.66	1.0E+00	0.28	25.66	8.9E-02	-0.14	25.66	6.3E-01
YP_513079.1	25.2	0.23	25.03	1.0E+00	0.29	25.03	8.3E-01	1.29	25.03	6.0E-01
YP_513623.1	31.4	-0.07	31.53	1.0E+00	0.29	31.53	6.1E-03	-0.08	31.53	6.3E-01
YP_514306.1	29.5	-0.05	29.50	1.0E+00	0.29	29.50	6.5E-03	0.04	29.50	7.9E-01
YP_512841.1	29.8	0.01	29.94	1.0E+00	0.29	29.94	2.1E-03	0.04	29.94	7.5E-01
YP_514283.1	28.0	0.00	27.81	1.0E+00	0.29	27.81	4.6E-03	0.18	27.81	6.0E-01
YP_513286.1	27.5	-0.15	27.67	1.0E+00	0.30	27.67	2.0E-01	-0.39	27.67	6.0E-01
YP_513998.1	29.2	-0.01	29.31	1.0E+00	0.30	29.31	6.5E-01	0.37	29.31	6.4E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514013.1	30.8	0.02	30.83	1.0E+00	0.30	30.83	1.9E-02	-0.09	30.83	6.3E-01
YP_514240.1	24.8	-0.04	24.77	1.0E+00	0.30	24.77	2.3E-01	-0.04	24.77	9.0E-01
YP_513634.1	24.0	-0.10	24.53	1.0E+00	0.30	24.53	1.2E-01	-0.42	24.53	6.0E-01
YP_514410.1	33.2	-0.12	33.28	1.0E+00	0.30	33.28	1.0E-01	-0.23	33.28	6.0E-01
YP_513282.1	25.0	-0.07	25.26	1.0E+00	0.30	25.26	1.3E-01	-0.21	25.26	6.1E-01
YP_514183.1	32.0	-0.02	32.08	1.0E+00	0.30	32.08	1.5E-02	-0.08	32.08	6.3E-01
YP_514074.1	32.0	0.01	32.10	1.0E+00	0.30	32.10	2.2E-03	-0.05	32.10	6.8E-01
YP_512851.1	26.7	0.13	26.50	1.0E+00	0.30	26.50	2.0E-02	0.03	26.50	8.7E-01
YP_513559.1	29.8	0.21	29.42	1.0E+00	0.30	29.42	1.7E-01	0.22	29.42	6.2E-01
YP_513115.1	29.9	0.19	29.46	1.0E+00	0.30	29.46	5.0E-01	0.59	29.46	6.0E-01
YP_514073.1	29.7	0.10	29.62	1.0E+00	0.30	29.62	2.7E-01	0.17	29.62	6.4E-01
YP_513829.1	31.8	0.13	31.89	1.0E+00	0.30	31.89	6.8E-01	0.44	31.89	6.3E-01
YP_513714.1	28.4	-0.01	28.29	1.0E+00	0.30	28.29	2.8E-03	0.00	28.29	9.9E-01
YP_512819.1	33.4	0.06	33.34	1.0E+00	0.31	33.34	6.7E-01	0.82	33.34	6.0E-01
YP_513999.1	29.0	-0.02	29.18	1.0E+00	0.31	29.18	2.1E-02	-0.11	29.18	6.3E-01
YP_513551.1	26.5	-0.07	26.85	1.0E+00	0.31	26.85	1.9E-02	-0.11	26.85	6.3E-01
YP_513441.1	28.3	-0.01	28.50	1.0E+00	0.31	28.50	9.0E-02	-0.24	28.50	6.0E-01
YP_514372.1	27.0	-0.03	27.20	1.0E+00	0.32	27.20	7.5E-03	0.02	27.20	9.0E-01
YP_513828.1	31.5	-0.01	31.51	1.0E+00	0.32	31.51	4.8E-01	-0.20	31.51	7.2E-01
YP_514409.1	32.9	-0.04	32.86	1.0E+00	0.32	32.86	1.0E-01	-0.17	32.86	6.3E-01
YP_513425.1	32.8	-0.03	32.60	1.0E+00	0.32	32.60	1.1E-02	0.14	32.60	6.0E-01
YP_513769.1	29.4	0.15	29.27	1.0E+00	0.32	29.27	2.0E-01	0.13	29.27	7.0E-01
YP_513009.1	25.7	0.09	25.19	1.0E+00	0.32	25.19	3.5E-01	0.40	25.19	6.0E-01
YP_513370.1	31.4	0.18	31.29	1.0E+00	0.32	31.29	1.6E-01	0.22	31.29	6.2E-01
YP_514484.1	28.9	-0.05	28.93	1.0E+00	0.33	28.93	3.4E-04	-0.09	28.93	6.0E-01
YP_514352.1	29.8	0.13	29.85	1.0E+00	0.33	29.85	4.0E-01	0.23	29.85	6.6E-01
YP_512874.1	28.7	0.47	28.07	1.0E+00	0.33	28.07	6.8E-01	1.07	28.07	6.0E-01
YP_514331.1	26.1	0.01	26.03	1.0E+00	0.33	26.03	4.6E-01	0.25	26.03	6.7E-01
YP_513891.1	28.2	0.09	28.14	1.0E+00	0.33	28.14	1.6E-02	0.19	28.14	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514408.1	33.1	0.05	33.04	1.0E+00	0.33	33.04	2.0E-02	0.17	33.04	6.0E-01
YP_513890.1	27.5	0.00	27.66	1.0E+00	0.33	27.66	5.2E-03	-0.02	27.66	8.9E-01
YP_514518.1	31.4	-0.01	31.48	1.0E+00	0.34	31.48	2.4E-03	-0.05	31.48	6.9E-01
YP_514220.1	28.7	-0.17	28.91	1.0E+00	0.34	28.91	4.1E-02	-0.12	28.91	6.3E-01
YP_513823.1	31.4	0.05	31.64	1.0E+00	0.34	31.64	1.1E-02	-0.12	31.64	6.2E-01
YP_514024.1	25.7	-0.10	25.87	1.0E+00	0.34	25.87	7.2E-03	-0.21	25.87	6.0E-01
YP_514047.1	32.3	-0.06	32.46	1.0E+00	0.34	32.46	1.5E-02	-0.17	32.46	6.0E-01
YP_514540.1	28.4	-0.06	28.44	1.0E+00	0.34	28.44	1.9E-02	0.04	28.44	8.6E-01
YP_512889.1	29.6	0.02	29.75	1.0E+00	0.35	29.75	4.7E-02	-0.15	29.75	6.3E-01
YP_513142.1	25.6	-0.12	25.61	1.0E+00	0.35	25.61	2.9E-01	-0.32	25.61	6.2E-01
YP_513199.1	28.7	-0.03	28.72	1.0E+00	0.35	28.72	7.2E-02	0.10	28.72	7.0E-01
YP_514562.1	29.9	0.04	29.80	1.0E+00	0.35	29.80	5.6E-04	0.12	29.80	6.0E-01
YP_513321.1	25.5	0.11	25.55	1.0E+00	0.35	25.55	3.5E-01	0.20	25.55	6.9E-01
YP_513875.1	29.7	0.07	29.92	1.0E+00	0.35	29.92	1.1E-02	0.03	29.92	8.8E-01
YP_513488.1	30.5	0.13	30.51	1.0E+00	0.36	30.51	1.4E-02	0.08	30.51	6.7E-01
YP_513308.1	29.9	-0.04	29.99	1.0E+00	0.36	29.99	1.1E-03	0.01	29.99	9.4E-01
YP_514561.1	25.6	0.41	25.24	1.0E+00	0.36	25.24	3.8E-01	0.25	25.24	6.4E-01
YP_514517.1	33.9	-0.04	33.99	1.0E+00	0.36	33.99	3.2E-04	0.04	33.99	7.1E-01
YP_513143.1	27.2	0.06	27.13	1.0E+00	0.36	27.13	7.9E-03	0.25	27.13	6.0E-01
YP_514428.1	24.1	-0.29	24.39	1.0E+00	0.36	24.39	2.1E-01	-0.22	24.39	6.3E-01
YP_513553.1	31.8	-0.07	31.73	1.0E+00	0.36	31.73	4.9E-05	-0.03	31.73	7.7E-01
YP_513506.1	24.6	0.19	24.60	1.0E+00	0.37	24.60	2.6E-01	0.00	24.60	1.0E+00
YP_514407.1	30.9	-0.07	30.85	1.0E+00	0.37	30.85	3.3E-03	-0.06	30.85	6.9E-01
YP_513919.1	31.5	-0.02	31.59	1.0E+00	0.37	31.59	1.2E-02	-0.05	31.59	7.9E-01
YP_513529.1	26.7	-0.06	26.83	1.0E+00	0.37	26.83	2.1E-02	-0.04	26.83	8.7E-01
YP_513816.1	29.5	0.00	29.62	1.0E+00	0.37	29.62	2.8E-03	0.09	29.62	6.3E-01
YP_513643.1	26.8	-0.07	27.18	1.0E+00	0.37	27.18	1.2E-01	-0.21	27.18	6.3E-01
YP_513640.1	29.1	0.20	28.97	1.0E+00	0.37	28.97	2.2E-01	0.44	28.97	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513945.1	28.7	0.00	28.75	1.0E+00	0.37	28.75	6.0E-03	-0.06	28.75	7.3E-01
YP_513862.1	32.4	0.01	32.58	1.0E+00	0.38	32.58	4.3E-01	0.38	32.58	6.3E-01
YP_512999.1	26.3	0.10	26.25	1.0E+00	0.38	26.25	3.4E-02	-0.08	26.25	7.3E-01
YP_513873.1	31.5	0.08	31.83	1.0E+00	0.38	31.83	3.5E-01	0.35	31.83	6.3E-01
YP_513538.1	27.7	0.10	27.57	1.0E+00	0.38	27.57	3.2E-01	-0.07	27.57	9.0E-01
YP_513977.1	30.7	0.19	30.40	1.0E+00	0.38	30.40	2.1E-01	0.51	30.40	6.0E-01
YP_513622.1	31.9	0.03	31.95	1.0E+00	0.38	31.95	6.2E-03	-0.07	31.95	6.9E-01
YP_514437.1	29.9	0.05	29.77	1.0E+00	0.39	29.77	8.4E-03	0.03	29.77	8.7E-01
YP_513051.1	29.8	-0.05	29.79	1.0E+00	0.39	29.79	2.9E-01	-0.05	29.79	9.2E-01
YP_514142.1	31.0	0.06	31.02	1.0E+00	0.39	31.02	7.0E-02	0.25	31.02	6.0E-01
YP_513169.1	30.6	0.16	30.36	1.0E+00	0.39	30.36	2.0E-02	0.18	30.36	6.1E-01
YP_513025.1	24.4	0.38	24.16	1.0E+00	0.39	24.16	6.7E-01	1.16	24.16	6.0E-01
YP_512986.1	29.0	-0.10	29.07	1.0E+00	0.40	29.07	1.1E-02	-0.01	29.07	9.7E-01
YP_514053.1	27.9	-0.14	27.87	1.0E+00	0.40	27.87	1.6E-03	0.08	27.87	6.3E-01
YP_513255.1	29.5	-0.03	29.75	1.0E+00	0.40	29.75	6.5E-02	-0.23	29.75	6.1E-01
YP_513710.1	25.4	0.06	25.08	1.0E+00	0.40	25.08	2.8E-01	0.68	25.08	6.0E-01
YP_512882.1	26.9	0.12	27.06	1.0E+00	0.41	27.06	5.5E-02	-0.13	27.06	6.6E-01
YP_514404.1	25.3	0.03	25.03	1.0E+00	0.41	25.03	2.1E-01	0.14	25.03	7.4E-01
YP_514242.1	26.9	0.41	26.94	1.0E+00	0.41	26.94	6.3E-01	0.52	26.94	6.3E-01
YP_514443.1	25.9	0.03	25.37	1.0E+00	0.41	25.37	4.5E-01	0.76	25.37	6.0E-01
YP_514482.1	29.5	-0.01	29.52	1.0E+00	0.41	29.52	1.6E-03	0.13	29.52	6.1E-01
YP_514406.1	31.3	-0.03	31.43	1.0E+00	0.41	31.43	2.6E-03	0.08	31.43	6.3E-01
YP_513090.1	24.0	-0.31	24.06	1.0E+00	0.41	24.06	6.4E-02	-0.28	24.06	6.0E-01
YP_512975.1	29.2	-0.03	29.56	1.0E+00	0.41	29.56	1.7E-02	-0.21	29.56	6.0E-01
YP_514231.1	33.1	-0.03	33.20	1.0E+00	0.41	33.20	1.2E-02	-0.01	33.20	9.6E-01
YP_512903.1	28.6	-0.10	28.77	1.0E+00	0.42	28.77	2.0E-02	-0.05	28.77	8.5E-01
YP_513924.1	27.2	0.23	26.76	1.0E+00	0.42	26.76	2.3E-01	0.53	26.76	6.0E-01
YP_513757.1	33.0	0.02	32.90	1.0E+00	0.43	32.90	2.5E-05	0.12	32.90	6.0E-01
YP_512983.1	24.4	0.29	23.84	1.0E+00	0.43	23.84	9.6E-02	0.52	23.84	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_512868.1	28.4	0.05	28.33	1.0E+00	0.43	28.33	3.4E-03	0.01	28.33	9.6E-01
YP_514236.1	28.4	-0.05	28.44	1.0E+00	0.43	28.44	4.6E-05	-0.04	28.44	7.3E-01
YP_514200.1	32.8	0.10	32.70	1.0E+00	0.44	32.70	1.0E-01	0.16	32.70	6.7E-01
YP_514232.1	25.6	-0.02	25.73	1.0E+00	0.44	25.73	2.2E-02	0.30	25.73	6.0E-01
YP_512832.1	27.5	-0.08	27.53	1.0E+00	0.44	27.53	3.6E-03	-0.09	27.53	6.5E-01
YP_513761.1	28.2	-0.02	28.30	1.0E+00	0.45	28.30	1.2E-03	0.04	28.30	8.0E-01
YP_513716.1	33.4	0.09	33.37	1.0E+00	0.45	33.37	2.9E-02	0.33	33.37	6.0E-01
YP_513200.1	29.2	0.10	29.09	1.0E+00	0.45	29.09	1.1E-03	0.26	29.09	6.0E-01
YP_513641.1	31.2	0.11	31.06	1.0E+00	0.46	31.06	6.2E-02	0.26	31.06	6.1E-01
YP_513603.1	28.4	0.06	28.36	1.0E+00	0.46	28.36	1.6E-05	0.09	28.36	6.1E-01
YP_513196.1	24.7	0.12	24.22	1.0E+00	0.46	24.22	4.4E-01	0.47	24.22	6.3E-01
YP_514026.1	25.4	0.11	25.04	1.0E+00	0.46	25.04	6.1E-02	0.30	25.04	6.0E-01
YP_513466.1	29.1	0.08	28.98	1.0E+00	0.46	28.98	4.9E-03	0.16	28.98	6.1E-01
YP_513451.1	27.3	0.04	27.09	1.0E+00	0.47	27.09	8.6E-02	0.18	27.09	6.4E-01
YP_513730.1	28.2	0.07	28.08	1.0E+00	0.47	28.08	6.3E-05	0.11	28.08	6.0E-01
YP_514430.1	27.2	-0.09	27.21	1.0E+00	0.47	27.21	3.7E-02	-0.25	27.21	6.1E-01
YP_513232.1	25.3	0.07	25.54	1.0E+00	0.48	25.54	1.1E-02	0.02	25.54	9.6E-01
YP_514333.1	28.1	-0.09	28.16	1.0E+00	0.48	28.16	9.7E-03	-0.09	28.16	7.0E-01
YP_513161.1	25.8	0.08	25.78	1.0E+00	0.48	25.78	3.8E-01	-0.09	25.78	9.0E-01
YP_513495.1	28.0	-0.05	28.05	1.0E+00	0.48	28.05	1.3E-04	0.02	28.05	8.9E-01
YP_513996.1	28.4	-0.09	28.74	1.0E+00	0.48	28.74	9.5E-04	-0.19	28.74	6.0E-01
YP_512948.1	27.3	0.04	27.14	1.0E+00	0.49	27.14	3.4E-01	-0.44	27.14	6.2E-01
YP_513547.1	29.9	0.05	29.84	1.0E+00	0.49	29.84	4.8E-01	0.79	29.84	6.0E-01
YP_513211.1	30.0	0.10	29.79	1.0E+00	0.49	29.79	7.5E-02	0.40	29.79	6.0E-01
YP_513726.1	28.0	0.25	27.62	1.0E+00	0.49	27.62	2.9E-01	0.66	27.62	6.0E-01
YP_514175.1	27.0	-0.22	27.27	1.0E+00	0.49	27.27	6.2E-02	-0.28	27.27	6.1E-01
YP_513253.1	26.6	0.07	26.72	1.0E+00	0.49	26.72	2.6E-03	0.02	26.72	9.2E-01
YP_513179.1	26.0	0.29	25.90	1.0E+00	0.49	25.90	2.6E-02	0.22	25.90	6.2E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513827.1	30.9	0.12	31.03	1.0E+00	0.49	31.03	3.8E-03	0.05	31.03	8.1E-01
YP_514280.1	20.9	0.67	19.77	1.0E+00	0.50	19.77	9.2E-01	0.45	19.77	9.6E-01
YP_513074.1	30.6	0.15	30.79	1.0E+00	0.50	30.79	1.2E-01	0.30	30.79	6.2E-01
YP_513250.1	27.1	0.05	26.93	1.0E+00	0.51	26.93	6.4E-01	0.73	26.93	6.3E-01
YP_514076.1	24.8	-0.03	24.52	1.0E+00	0.51	24.52	1.9E-01	-0.27	24.52	6.3E-01
YP_514219.1	27.9	0.02	28.16	1.0E+00	0.51	28.16	1.2E-03	-0.23	28.16	6.0E-01
YP_513760.1	27.3	-0.01	27.42	1.0E+00	0.51	27.42	4.4E-03	0.03	27.42	8.9E-01
YP_514119.1	30.9	-0.03	31.06	1.0E+00	0.51	31.06	1.3E-05	-0.12	31.06	6.0E-01
YP_514115.1	30.9	-0.03	31.06	1.0E+00	0.51	31.06	1.3E-05	-0.12	31.06	6.0E-01
YP_513260.1	25.3	0.10	25.31	1.0E+00	0.51	25.31	1.1E-02	0.26	25.31	6.0E-01
YP_514191.1	29.3	-0.02	29.23	1.0E+00	0.52	29.23	5.8E-04	0.04	29.23	8.4E-01
YP_514224.1	26.6	-0.16	27.15	1.0E+00	0.52	27.15	2.3E-03	-0.49	27.15	2.0E-01
YP_513262.1	28.1	0.05	28.00	1.0E+00	0.53	28.00	2.9E-04	0.29	28.00	6.0E-01
YP_513868.1	30.4	-0.01	30.49	1.0E+00	0.53	30.49	5.3E-04	0.00	30.49	1.0E+00
YP_513770.1	27.4	0.05	27.42	1.0E+00	0.53	27.42	3.1E-02	0.33	27.42	6.0E-01
YP_513598.1	26.5	0.21	26.25	1.0E+00	0.53	26.25	6.2E-03	0.41	26.25	6.0E-01
YP_514558.1	28.8	0.45	28.26	1.0E+00	0.54	28.26	2.7E-01	0.54	28.26	6.1E-01
YP_514338.1	28.7	0.08	28.34	1.0E+00	0.54	28.34	2.3E-01	0.60	28.34	6.0E-01
YP_513036.1	31.1	0.19	30.49	1.0E+00	0.55	30.49	4.1E-01	0.99	30.49	6.0E-01
YP_513353.1	29.1	0.16	28.91	1.0E+00	0.55	28.91	1.6E-02	0.26	28.91	6.0E-01
YP_513390.1	28.8	-0.04	28.84	1.0E+00	0.55	28.84	7.6E-05	0.08	28.84	6.3E-01
YP_514098.1	29.4	-0.07	29.50	1.0E+00	0.55	29.50	1.5E-04	-0.07	29.50	6.8E-01
YP_513531.1	27.2	0.09	27.22	1.0E+00	0.56	27.22	1.1E-03	0.11	27.22	6.3E-01
YP_514126.1	26.9	-0.13	26.92	1.0E+00	0.56	26.92	6.9E-04	0.11	26.92	6.3E-01
YP_513117.1	29.5	0.27	29.12	1.0E+00	0.56	29.12	1.2E-01	0.33	29.12	6.2E-01
YP_514353.1	27.2	0.05	27.41	1.0E+00	0.57	27.41	2.7E-05	-0.01	27.41	9.3E-01
YP_513482.1	24.8	0.29	24.16	1.0E+00	0.57	24.16	3.5E-01	1.04	24.16	6.0E-01
YP_514177.1	29.4	0.05	29.67	1.0E+00	0.57	29.67	4.4E-04	0.03	29.67	8.8E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514065.1	27.0	0.38	26.67	1.0E+00	0.57	26.67	3.4E-01	0.26	26.67	7.3E-01
YP_514541.1	26.4	0.11	26.55	1.0E+00	0.57	26.55	1.2E-02	0.21	26.55	6.2E-01
YP_513732.1	18.0	1.00	17.59	1.0E+00	0.58	17.59	7.3E-01	1.19	17.59	6.3E-01
YP_513442.1	27.1	0.11	26.90	1.0E+00	0.58	26.90	1.5E-03	0.36	26.90	6.0E-01
YP_514167.1	29.5	0.00	29.98	1.0E+00	0.58	29.98	2.2E-03	-0.15	29.98	6.2E-01
YP_514273.1	24.0	0.06	24.35	1.0E+00	0.59	24.35	1.2E-02	0.03	24.35	9.4E-01
YP_514086.1	25.7	-0.09	26.08	1.0E+00	0.59	26.08	1.0E-02	-0.32	26.08	6.0E-01
YP_514509.1	31.7	0.00	32.00	1.0E+00	0.59	32.00	4.4E-04	-0.14	32.00	6.2E-01
YP_513444.1	25.5	0.13	25.54	1.0E+00	0.60	25.54	8.4E-02	-0.09	25.54	8.6E-01
YP_513089.1	25.1	0.10	24.94	1.0E+00	0.60	24.94	1.2E-03	0.22	24.94	6.0E-01
YP_513874.1	34.5	0.27	34.40	1.0E+00	0.60	34.40	1.8E-01	0.65	34.40	6.0E-01
YP_513039.1	32.1	0.17	31.50	1.0E+00	0.61	31.50	3.9E-01	0.83	31.50	6.0E-01
YP_514405.1	31.1	-0.04	31.23	1.0E+00	0.61	31.23	4.9E-06	-0.03	31.23	8.3E-01
YP_513361.1	30.6	0.04	30.74	1.0E+00	0.61	30.74	3.3E-05	-0.05	30.74	7.4E-01
YP_513625.1	29.9	-0.04	30.04	1.0E+00	0.61	30.04	5.9E-07	-0.05	30.04	6.3E-01
YP_514182.1	27.0	0.17	26.58	1.0E+00	0.61	26.58	3.2E-01	1.08	26.58	6.0E-01
YP_513916.1	30.1	0.02	30.37	1.0E+00	0.62	30.37	5.2E-02	0.19	30.37	6.7E-01
YP_514433.1	29.4	0.03	29.53	1.0E+00	0.62	29.53	2.9E-05	0.02	29.53	8.8E-01
YP_513309.1	29.3	0.00	29.45	1.0E+00	0.62	29.45	1.6E-05	-0.05	29.45	7.3E-01
YP_513765.1	25.4	-0.03	25.52	1.0E+00	0.63	25.52	2.8E-05	-0.07	25.52	6.4E-01
YP_514425.1	26.3	0.04	26.05	1.0E+00	0.63	26.05	3.5E-01	0.60	26.05	6.2E-01
YP_513150.1	22.7	0.08	22.51	1.0E+00	0.63	22.51	4.2E-02	0.30	22.51	6.2E-01
YP_513496.1	27.4	-0.12	27.59	1.0E+00	0.63	27.59	9.7E-04	-0.16	27.59	6.2E-01
YP_514302.1	26.2	-0.05	26.38	1.0E+00	0.63	26.38	3.4E-04	0.05	26.38	7.9E-01
YP_513978.1	24.5	-0.05	24.66	1.0E+00	0.63	24.66	4.1E-02	0.05	24.66	9.1E-01
YP_513364.1	29.4	0.14	29.20	1.0E+00	0.64	29.20	6.2E-04	0.16	29.20	6.2E-01
YP_514477.1	31.5	0.04	31.54	1.0E+00	0.64	31.54	2.7E-07	0.07	31.54	6.2E-01
YP_514285.1	24.9	0.33	24.60	1.0E+00	0.64	24.60	1.6E-01	0.70	24.60	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514079.1	23.0	0.39	23.52	1.0E+00	0.64	23.52	1.8E-01	-0.14	23.52	8.4E-01
YP_514422.1	34.1	0.03	34.09	1.0E+00	0.65	34.09	3.3E-06	0.01	34.09	9.5E-01
YP_513762.1	28.1	0.01	28.24	1.0E+00	0.65	28.24	9.3E-05	0.00	28.24	1.0E+00
YP_513616.1	27.3	-0.14	27.55	1.0E+00	0.65	27.55	9.1E-04	-0.33	27.55	6.0E-01
YP_513322.1	29.4	0.00	29.57	1.0E+00	0.66	29.57	1.3E-05	-0.13	29.57	6.0E-01
YP_514067.1	27.3	0.04	27.67	1.0E+00	0.66	27.67	2.9E-04	-0.11	27.67	6.3E-01
YP_514463.1	30.7	0.29	30.15	1.0E+00	0.66	30.15	1.3E-01	0.61	30.15	6.0E-01
YP_513254.1	28.4	-0.15	28.53	1.0E+00	0.66	28.53	9.1E-03	-0.31	28.53	6.0E-01
YP_512894.1	26.5	0.36	26.20	1.0E+00	0.67	26.20	1.7E-01	0.52	26.20	6.1E-01
YP_513508.1	25.8	0.57	25.44	1.0E+00	0.67	25.44	5.6E-01	1.09	25.44	6.1E-01
YP_514481.1	27.1	0.48	26.45	1.0E+00	0.67	26.45	5.1E-02	0.91	26.45	4.8E-01
YP_513383.1	23.8	0.51	22.01	1.0E+00	0.67	22.01	6.0E-01	1.85	22.01	6.0E-01
YP_513042.1	31.8	0.28	31.51	1.0E+00	0.67	31.51	3.8E-01	0.91	31.51	6.0E-01
YP_513794.1	26.6	0.03	26.73	1.0E+00	0.68	26.73	3.0E-06	-0.01	26.73	9.5E-01
YP_513733.1	25.1	0.54	24.50	1.0E+00	0.68	24.50	5.1E-01	0.48	24.50	7.2E-01
YP_513343.1	30.1	0.13	30.11	1.0E+00	0.68	30.11	4.0E-05	0.12	30.11	6.2E-01
YP_514519.1	25.5	0.25	25.23	1.0E+00	0.68	25.23	4.6E-03	0.44	25.23	6.0E-01
YP_514399.1	34.0	-0.04	34.09	1.0E+00	0.69	34.09	2.6E-03	-0.17	34.09	6.3E-01
YP_513078.1	29.0	0.06	29.12	1.0E+00	0.69	29.12	5.9E-07	0.02	29.12	9.0E-01
YP_513575.1	23.3	-0.04	23.54	1.0E+00	0.69	23.54	1.1E-01	-0.25	23.54	6.8E-01
YP_513979.1	26.2	-0.09	26.52	1.0E+00	0.69	26.52	9.4E-03	-0.30	26.52	6.0E-01
YP_514055.1	28.9	0.11	28.85	1.0E+00	0.71	28.85	2.3E-01	0.71	28.85	6.0E-01
YP_514429.1	26.1	0.43	25.60	1.0E+00	0.72	25.60	5.4E-02	0.67	25.60	6.0E-01
YP_513789.1	21.4	-0.88	21.86	1.0E+00	0.72	21.86	9.2E-01	-0.55	21.86	9.5E-01
YP_512949.1	24.8	0.13	25.21	1.0E+00	0.73	25.21	7.6E-03	-0.05	25.21	9.0E-01
YP_513725.1	32.2	0.41	31.45	1.0E+00	0.73	31.45	3.0E-01	0.75	31.45	6.1E-01
YP_513349.1	30.9	0.07	30.82	1.0E+00	0.73	30.82	1.4E-04	0.12	30.82	6.3E-01
YP_512929.1	29.0	0.02	29.03	1.0E+00	0.74	29.03	5.6E-06	-0.04	29.03	7.9E-01
YP_513149.1	23.9	0.69	23.20	1.0E+00	0.74	23.20	4.7E-01	0.64	23.20	6.4E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514454.1	28.8	-0.10	28.62	1.0E+00	0.75	28.62	9.6E-05	0.07	28.62	7.3E-01
YP_512938.1	26.8	0.26	26.64	1.0E+00	0.75	26.64	2.1E-01	0.70	26.64	6.0E-01
YP_513454.1	32.0	0.21	31.62	1.0E+00	0.75	31.62	1.4E-01	0.52	31.62	6.1E-01
YP_513289.1	29.3	0.23	29.02	1.0E+00	0.76	29.02	9.1E-02	0.33	29.02	6.3E-01
YP_514084.1	26.5	0.14	26.81	1.0E+00	0.76	26.81	2.5E-03	0.29	26.81	6.0E-01
YP_514173.1	23.5	0.52	23.78	1.0E+00	0.76	23.78	2.7E-02	0.41	23.78	6.0E-01
YP_513707.1	19.4	0.64	17.85	1.0E+00	0.76	17.85	9.2E-01	-5.21	17.85	6.0E-01
YP_513934.1	19.8	-0.17	19.90	1.0E+00	0.77	19.90	3.1E-01	0.23	19.90	8.3E-01
YP_513755.1	25.6	0.16	25.74	1.0E+00	0.77	25.74	9.8E-04	0.14	25.74	6.3E-01
YP_513670.1	19.7	-0.10	19.60	1.0E+00	0.77	19.60	5.8E-01	-1.35	19.60	6.1E-01
YP_514247.1	29.9	0.31	29.71	1.0E+00	0.78	29.71	3.3E-01	0.74	29.71	6.2E-01
YP_513722.1	23.5	-0.17	23.86	1.0E+00	0.78	23.86	5.5E-03	-0.43	23.86	6.0E-01
YP_513942.1	28.9	0.39	28.48	1.0E+00	0.78	28.48	6.1E-02	0.40	28.48	6.2E-01
YP_514082.1	26.1	-0.05	26.40	1.0E+00	0.79	26.40	5.7E-06	-0.02	26.40	8.9E-01
YP_513576.1	25.6	0.23	25.43	1.0E+00	0.79	25.43	1.2E-01	0.51	25.43	6.2E-01
YP_513844.1	32.2	0.05	32.09	1.0E+00	0.80	32.09	5.6E-06	0.07	32.09	6.6E-01
YP_512912.1	32.2	0.05	32.09	1.0E+00	0.80	32.09	5.6E-06	0.07	32.09	6.6E-01
YP_514235.1	26.8	0.04	27.01	1.0E+00	0.80	27.01	1.1E-07	-0.08	27.01	6.2E-01
YP_513571.1	29.7	0.18	29.19	1.0E+00	0.81	29.19	2.4E-02	0.46	29.19	6.0E-01
YP_514180.1	28.6	0.21	28.40	1.0E+00	0.81	28.40	9.0E-04	0.24	28.40	6.1E-01
YP_514108.1	34.0	0.46	33.39	1.0E+00	0.82	33.39	3.7E-01	0.88	33.39	6.2E-01
YP_514525.1	24.5	0.26	25.34	1.0E+00	0.82	25.34	1.9E-01	-0.12	25.34	8.9E-01
YP_513021.1	27.7	0.04	27.79	1.0E+00	0.83	27.79	1.8E-03	0.07	27.79	8.5E-01
YP_514061.1	31.7	-0.03	31.91	1.0E+00	0.83	31.91	1.6E-04	0.17	31.91	6.2E-01
YP_513826.1	32.6	-0.02	32.86	1.0E+00	0.83	32.86	4.4E-05	-0.13	32.86	6.3E-01
YP_514368.1	26.1	0.29	25.92	1.0E+00	0.83	25.92	1.0E-01	0.74	25.92	6.0E-01
YP_513319.1	28.7	-0.04	28.92	1.0E+00	0.85	28.92	5.3E-06	-0.09	28.92	6.3E-01
YP_514174.1	32.6	0.31	32.30	1.0E+00	0.86	32.30	1.1E-01	0.31	32.30	6.8E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514411.1	32.5	0.01	32.40	1.0E+00	0.86	32.40	2.5E-07	0.17	32.40	6.0E-01
YP_514432.1	30.3	0.05	30.07	1.0E+00	0.86	30.07	1.4E-05	0.23	30.07	6.0E-01
YP_514334.1	28.4	0.25	28.00	1.0E+00	0.86	28.00	2.2E-02	0.29	28.00	6.3E-01
YP_514512.1	28.4	0.17	27.91	1.0E+00	0.86	27.91	1.8E-01	0.83	27.91	6.0E-01
YP_514124.1	30.1	0.01	30.36	1.0E+00	0.86	30.36	3.7E-08	-0.07	30.36	6.2E-01
YP_513528.1	27.6	0.15	27.49	1.0E+00	0.88	27.49	1.2E-05	0.22	27.49	6.0E-01
YP_513651.1	26.7	0.17	26.80	1.0E+00	0.88	26.80	3.3E-04	0.10	26.80	7.3E-01
YP_514445.1	27.1	0.65	26.37	1.0E+00	0.88	26.37	1.5E-01	0.82	26.37	6.0E-01
YP_514298.1	27.4	-0.06	27.57	1.0E+00	0.89	27.57	6.9E-07	0.03	27.57	8.6E-01
YP_513509.1	23.4	-0.04	23.41	1.0E+00	0.90	23.41	2.4E-02	-0.07	23.41	9.0E-01
YP_514325.1	21.9	-0.06	21.36	1.0E+00	0.90	21.36	3.7E-01	0.19	21.36	8.9E-01
YP_512842.1	27.6	-0.08	27.90	1.0E+00	0.91	27.90	3.5E-06	0.04	27.90	8.4E-01
YP_513605.1	27.9	0.06	28.25	1.0E+00	0.92	28.25	2.4E-06	-0.24	28.25	6.0E-01
YP_514300.1	22.0	-0.33	22.53	1.0E+00	0.93	22.53	5.1E-02	-0.52	22.53	6.1E-01
YP_513573.1	27.9	0.26	27.66	1.0E+00	0.93	27.66	4.7E-03	0.56	27.66	6.0E-01
YP_512931.1	29.0	-0.03	29.23	1.0E+00	0.93	29.23	1.3E-05	-0.10	29.23	6.4E-01
YP_513350.1	25.1	-0.42	25.19	1.0E+00	0.94	25.19	1.0E-04	0.15	25.19	6.3E-01
YP_513453.1	24.5	0.41	24.88	1.0E+00	0.95	24.88	1.5E-01	0.39	24.88	6.7E-01
YP_514414.1	32.9	0.00	33.03	1.0E+00	0.95	33.03	1.2E-03	-0.14	33.03	6.9E-01
YP_514225.1	22.9	0.13	23.56	1.0E+00	0.95	23.56	1.0E-03	-0.04	23.56	9.1E-01
YP_514081.1	28.1	0.15	28.08	1.0E+00	0.97	28.08	8.5E-05	0.05	28.08	8.7E-01
YP_513865.1	26.8	-0.05	27.41	1.0E+00	0.98	27.41	2.4E-05	-0.39	27.41	6.0E-01
YP_513334.1	27.2	0.09	27.28	1.0E+00	0.98	27.28	7.7E-07	0.05	27.28	7.7E-01
YP_512961.1	30.3	0.70	29.15	1.0E+00	0.99	29.15	1.9E-01	1.09	29.15	6.0E-01
YP_513443.1	25.0	1.17	23.59	1.0E+00	0.99	23.59	3.4E-01	1.21	23.59	6.0E-01
YP_513464.1	23.0	-0.14	23.14	1.0E+00	0.99	23.14	3.5E-02	-0.32	23.14	6.3E-01
YP_513607.1	25.7	0.12	25.76	1.0E+00	0.99	25.76	4.3E-05	0.24	25.76	6.0E-01
YP_513412.1	24.9	0.98	23.27	1.0E+00	1.00	23.27	5.2E-01	1.19	23.27	6.3E-01
YP_513728.1	28.7	-0.02	28.98	1.0E+00	1.00	28.98	1.4E-06	0.08	28.98	6.6E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_513791.1	25.3	0.32	24.62	1.0E+00	1.01	24.62	1.0E-01	1.02	24.62	6.0E-01
YP_512823.1	25.9	-0.10	24.80	1.0E+00	1.02	24.80	1.7E-01	0.39	24.80	7.0E-01
YP_513027.1	30.9	0.43	30.16	1.0E+00	1.02	30.16	2.0E-01	1.17	30.16	6.0E-01
YP_514544.1	26.0	-0.08	26.10	1.0E+00	1.03	26.10	1.3E-01	-0.17	26.10	8.7E-01
YP_512824.1	31.2	0.65	30.34	1.0E+00	1.03	30.34	3.0E-01	1.16	30.34	6.0E-01
YP_513228.1 YP_514021.1_s hared	0.0	-28.23	8.21	8.9E-32	1.04	8.21	9.2E-10	-28.23	8.21	8.9E-32
YP_514436.1	30.3	0.39	30.09	1.0E+00	1.04	30.09	4.7E-02	0.60	30.09	6.0E-01
YP_514145.1	29.9	0.38	29.53	1.0E+00	1.06	29.53	3.0E-01	1.40	29.53	6.0E-01
YP_514132.1	21.5	0.38	19.86	1.0E+00	1.06	19.86	4.0E-01	0.34	19.86	8.5E-01
YP_513970.1	24.1	0.71	23.43	1.0E+00	1.08	23.43	1.2E-01	0.96	23.43	6.0E-01
YP_514457.1	20.4	-0.78	20.38	1.0E+00	1.09	20.38	4.3E-02	-0.17	20.38	8.3E-01
YP_513503.1	28.8	0.13	28.84	1.0E+00	1.09	28.84	1.3E-01	0.80	28.84	6.1E-01
YP_513120.1	27.2	0.66	26.62	1.0E+00	1.09	26.62	6.9E-02	0.90	26.62	6.0E-01
YP_514054.1	30.5	-0.04	30.58	1.0E+00	1.12	30.58	5.9E-07	-0.03	30.58	8.7E-01
YP_514234.1	24.7	0.10	25.01	1.0E+00	1.12	25.01	2.5E-07	-0.02	25.01	8.9E-01
YP_513156.1	23.7	0.03	25.09	1.0E+00	1.13	25.09	1.4E-01	-0.35	25.09	7.3E-01
YP_513436.1	27.0	0.62	26.47	1.0E+00	1.13	26.47	1.7E-01	0.74	26.47	6.2E-01
YP_514381.2	27.1	0.10	26.87	1.0E+00	1.14	26.87	7.7E-02	0.99	26.87	6.0E-01
YP_513864.1	27.6	-0.07	28.49	1.0E+00	1.16	28.49	8.1E-07	-0.48	28.49	2.0E-01
YP_513825.1	32.4	0.35	32.05	1.0E+00	1.16	32.05	9.0E-02	0.67	32.05	6.2E-01
YP_512881.1	22.1	0.95	22.23	1.0E+00	1.16	22.23	2.0E-02	0.39	22.23	6.3E-01
YP_513931.1	26.3	1.14	24.54	1.0E+00	1.19	24.54	2.2E-01	1.44	24.54	6.0E-01
YP_514416.1	31.0	0.38	30.72	1.0E+00	1.19	30.72	6.7E-03	0.54	30.72	6.0E-01
YP_512974.1	29.6	0.49	29.43	1.0E+00	1.20	29.43	1.7E-02	0.71	29.43	6.0E-01
YP_513490.1	21.4	0.75	21.42	1.0E+00	1.21	21.42	3.9E-02	0.41	21.42	6.3E-01
YP_514044.1	26.1	0.33	25.91	1.0E+00	1.26	25.91	2.6E-03	0.51	25.91	6.0E-01
YP_512955.1	21.9	0.60	21.02	1.0E+00	1.28	21.02	2.6E-02	1.02	21.02	6.0E-01

		01_delt_rpsU1_vs_WT			02_delt_rpsU2_vs_WT			03_delt_rpsU3_vs_WT		
id	delt_rpsU3 .3	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val	logFC	AveExpr	adj.P.Val
YP_514346.1	34.0	0.12	34.29	1.0E+00	1.29	34.29	9.7E-04	0.41	34.29	6.0E-01
YP_514049.1	29.3	0.05	29.36	1.0E+00	1.30	29.36	5.3E-06	0.14	29.36	6.3E-01
YP_513867.1	26.7	0.33	26.12	1.0E+00	1.31	26.12	1.8E-01	1.44	26.12	6.0E-01
YP_513320.1	24.4	-0.13	24.64	1.0E+00	1.35	24.64	5.3E-05	-0.24	24.64	6.2E-01
YP_513340.1	21.5	0.51	22.10	1.0E+00	1.37	22.10	1.7E-01	1.61	22.10	6.0E-01
YP_513609.1	24.7	1.23	23.63	1.0E+00	1.41	23.63	1.0E-01	1.11	23.63	6.0E-01
YP_512970.1	29.8	0.49	29.16	1.0E+00	1.43	29.16	3.2E-01	1.96	29.16	6.0E-01
YP_514066.1	28.4	1.01	27.37	1.0E+00	1.52	27.37	3.0E-01	1.75	27.37	6.0E-01
YP_514172.1	26.0	0.04	26.54	1.0E+00	1.53	26.54	1.0E-08	-0.06	26.54	7.1E-01
YP_514033.1	23.8	0.00	24.86	1.0E+00	1.70	24.86	1.2E-05	-0.06	24.86	8.8E-01
YP_514507.1	27.8	1.05	26.55	1.0E+00	1.70	26.55	1.0E-01	1.28	26.55	6.0E-01
YP_514456.1	28.0	0.02	27.73	1.0E+00	1.73	27.73	1.2E-07	0.21	27.73	6.0E-01
YP_514403.1	26.0	0.11	26.40	1.0E+00	1.95	26.40	1.5E-02	0.81	26.40	6.1E-01
YP_514363.1	22.7	-0.33	23.21	1.0E+00	1.99	23.21	7.7E-07	0.02	23.21	9.6E-01
YP_513415.1	18.5	0.83	19.00	1.0E+00	2.00	19.00	3.5E-03	-0.10	19.00	9.2E-01
YP_513633.1	21.1	1.07	19.76	1.0E+00	2.28	19.76	1.2E-01	1.21	19.76	6.3E-01
YP_513617.1	30.8	0.65	30.27	1.0E+00	2.57	30.27	6.6E-02	2.01	30.27	6.0E-01
YP_513822.1	28.0	0.23	28.24	1.0E+00	2.72	28.24	2.9E-04	0.85	28.24	6.0E-01
YP_514493.1	18.9	7.57	18.12	1.0E+00	5.47	18.12	2.2E-01	6.20	18.12	6.0E-01
YP_512942.1	24.8	3.24	23.38	1.0E+00	5.86	23.38	2.0E-03	3.27	23.38	6.0E-01
YP_514339.1	0.0	4.99	11.88	1.0E+00	6.15	11.88	3.1E-01	-5.63	11.88	6.2E-01