

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0001	-0.702	5.838	0.0183	0.0240	5.000	19.000	9.2209	19.8503	dnaA; chromosomal replication initiator protein DnaA							
					6.000	15.500	12.6156	15.5000								
SGO_0002	-0.691	6.614	0.0067	0.0043	9.000	30.000	16.5976	31.3426	dnaN; DNA polymerase III, beta subunit							
					10.000	29.000	21.0259	29.0000								
SGO_0004	-0.038	6.879	0.2009	0.7232	15.000	36.500	27.6627	38.1335	putative lipoprotein							
					14.000	22.500	29.4363	22.5000								
SGO_0006	-0.362	7.354	0.0348	0.0653	22.500	46.000	41.4940	48.0586	ABC transporter, ATP-binding protein							
					14.500	43.500	30.4876	43.5000								
SGO_0007	-0.368	6.754	0.0012	0.0001	13.000	29.000	23.9743	30.2978	trpS; tryptophanyl-tRNA synthetase							
					11.000	30.500	23.1285	30.5000								
SGO_0008	-0.103	9.703	0.0397	0.0811	105.500	214.000	194.5610	223.5770	inosine-5'-monophosphate dehydrogenase							
					98.500	208.000	207.1055	208.0000								
SGO_0011	0.238	4.509	0.1464	0.4687	4.500	6.000	8.2988	6.2685	proteinase, M16 family							
					2.000	4.000	4.2052	4.0000								
SGO_0015	-0.482	3.996	0.0283	0.0484		5.500		5.7461	ABC transporter (ATP-binding protein)							
					2.000	6.000	4.2052	6.0000								
SGO_0022	-1.137	5.357	0.0037	0.0010	3.000	13.000	5.5325	13.5818	trmU; tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase							
					3.500	14.500	7.3591	14.5000								
SGO_0025	0.005	5.892	0.2382	0.9134	5.500	17.500	10.1430	18.2832	gidA; glucose inhibited division protein A							
					9.500	11.000	19.9746	11.0000								
SGO_0026	-0.039	3.561	0.2247	0.8413	2.000	2.500	3.6884	2.6119	DHH subfamily 1 protein							
						5.500		5.5000								
SGO_0027	0.144	7.060	0.1271	0.3931	15.500	29.000	28.5848	30.2978	rplI; ribosomal protein L9							
					20.000	32.500	42.0519	32.5000								

 Show detected proteins only Show all proteinsProteins found:
627 Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0028	-0.159	4.394	0.1982	0.7084		5.000		5.2238	dnaC; replicative DNA helicase					
					3.000	9.500	6.3078	9.5000						
SGO_0030	-0.278	6.784	0.0184	0.0244	14.500	30.000	26.7406	31.3426	aspB; aspartate transaminase					
					11.000	29.000	23.1285	29.0000						
SGO_0032	-0.269	6.860	0.0188	0.0254	15.500	30.500	28.5848	31.8649	plsX; fatty acid/phospholipid synthesis protein PlsX					
					11.500	31.500	24.1798	31.5000						
SGO_0033	0.409	5.472	0.0935	0.2631	9.500	10.000	17.5197	10.4475	acpP; acyl carrier protein					
					4.000	8.000	8.4104	8.0000						
SGO_0042	-0.112	5.007	0.1627	0.5485	5.500	11.500	10.1430	12.0147	transcription regulator, GntR family					
						10.000		10.0000						
SGO_0054	-0.915	6.823	0.0031	0.0007	11.000	33.500	20.2860	34.9992	dltA; D-alanine-activating enzyme					
					9.000	39.000	18.9233	39.0000						
SGO_0057	-0.316	6.092	0.0050	0.0020	8.500	18.500	15.6755	19.3279	dltD protein					
					7.000	18.500	14.7182	18.5000						
SGO_0059	0.895	12.958	0.0058	0.0034	1304.000	1491.000	2404.8107	1557.7259	pXO1; hypothetical protein SGO_0059					
					1313.500	1233.500	2761.7566	1233.5000						
SGO_0063	0.146	6.304	0.1104	0.3266	11.000	15.500	20.2860	16.1937	hypothetical protein SGO_0063					
					10.000	21.500	21.0259	21.5000						
SGO_0064	-0.837	7.241	0.0120	0.0121	15.000	40.000	27.6627	41.7901	FtsK/SpoIIIE family protein					
					12.500	55.500	26.2824	55.5000						
SGO_0065	-0.179	7.043	0.0094	0.0077	17.000	34.500	31.3511	36.0440	hypothetical protein SGO_0065					
					14.500	34.000	30.4876	34.0000						
SGO_0066	0.388	5.198	0.0661	0.1647	4.500	6.500	8.2988	6.7909	D-3-phosphoglycerate dehydrogenase, putative					
					6.000	9.000	12.6156	9.0000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0067	-0.954	6.452	0.0122	0.0126	7.500	32.000	13.8313	33.4321	protein with prophage function domain					
					7.500	24.500	15.7695	24.5000						
SGO_0068	-0.305	5.719	0.0051	0.0023	6.500	13.500	11.9872	14.1042	lipoprotein, putative					
					5.500	15.000	11.5643	15.0000						
SGO_0069	-0.305	5.023	0.0396	0.0796	4.500	9.000	8.2988	9.4028	hypothetical protein SGO_0069					
					3.000	8.500	6.3078	8.5000						
SGO_0070	0.087	6.244	0.1261	0.3884	11.500	16.500	21.2081	17.2384	merozoite surface protein 1					
					8.500	19.500	17.8720	19.5000						
SGO_0080	0.021	6.581	0.2181	0.8060	13.000	24.500	23.9743	25.5964	hypothetical protein SGO_0080					
					11.500	22.000	24.1798	22.0000						
SGO_0099	-0.310	3.686	0.0956	0.2721	2.000	4.000	3.6884	4.1790	pula-2; pullulanase, type I					
						5.000		5.0000						
SGO_0104	0.165	8.825	0.0450	0.0968	60.000	100.000	110.6508	104.4752	Maltose/maltodextrin-binding protein precursor					
					61.500	109.000	129.3095	109.0000						
SGO_0105	-0.915	5.676	0.0067	0.0043	4.000	16.500	7.3767	17.2384	malQ; 4-alpha-glucanotransferase					
					5.000	16.000	10.5130	16.0000						
SGO_0106	-0.046	7.963	0.0238	0.0370	33.500	61.500	61.7800	64.2523	glgP-2; maltodextrin phosphorylase					
					29.000	62.500	60.9752	62.5000						
SGO_0113	-0.143	11.620	0.0405	0.0836	416.500	838.500	768.1010	876.0249	acdH; alcohol-acetaldehyde dehydrogenase					
					345.500	777.000	726.4461	777.0000						
SGO_0135	-0.332	6.712	0.0532	0.1238	10.500	25.500	19.3639	26.6412	v-type sodium ATP synthase, subunit A					
					13.000	31.500	27.3337	31.5000						
SGO_0136	-0.291	6.942	0.0664	0.1660	12.500	29.500	23.0522	30.8202	v-type sodium ATP synthase, chain B					
					15.500	36.500	32.5902	36.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0139	-1.092	6.748	0.0063	0.0038	11.500	36.000	21.2081	37.6111	thrC; threonine synthase							
					6.500	35.000	13.6669	35.0000								
SGO_0145	-0.282	6.743	0.0224	0.0329	12.000	27.000	22.1302	28.2083	polI; DNA polymerase I							
					12.500	30.500	26.2824	30.5000								
SGO_0146	-0.416	5.791	0.1828	0.6415	10.500	16.000	19.3639	16.7160	CoA-binding domain protein							
					3.000	13.000	6.3078	13.0000								
SGO_0152	-1.441	5.438	0.0019	0.0003	3.500	14.500	6.4546	15.1489	tgt; queuine tRNA-ribosyltransferase							
					2.500	16.500	5.2565	16.5000								
SGO_0154	0.309	10.324	0.0256	0.0417	193.000	307.000	355.9267	320.7390	pgi; glucose-6-phosphate isomerase							
					167.000	254.000	351.1331	254.0000								
SGO_0156	-0.369	5.181	0.0319	0.0567	4.000	11.000	7.3767	11.4923	hypothetical protein SGO_0156							
					4.000	9.000	8.4104	9.0000								
SGO_0158	0.454	7.674	0.0376	0.0735	37.500	37.500	69.1567	39.1782	2,3,4,5-tetrahydropyridine-2-carboxylate N-succinyltransferase, putative							
					23.500	46.500	49.4109	46.5000								
SGO_0163	-0.737	7.118	0.0007	0.0000	14.000	41.000	25.8185	42.8348	galU; UTP-glucose-1-phosphate uridylyltransferase							
					12.500	44.000	26.2824	44.0000								
SGO_0164	-0.244	6.572	0.0594	0.1433	11.000	28.000	20.2860	29.2531	Glycerol-3-phosphate dehydrogenase [NAD(P)+] (NAD(P)H-dependent glycerol-3-phosphate dehydrogenase)							
					11.000	22.500	23.1285	22.5000								
SGO_0169	0.144	5.383	0.1609	0.5407	5.500	11.500	10.1430	12.0147	dut; dUTP diphosphatase							
					5.500	8.000	11.5643	8.0000								
SGO_0171	-1.163	4.672	0.0664	0.1664	2.500	8.500	4.6104	8.8804	radA; DNA repair protein RadA							
						12.000		12.0000								
SGO_0174	-0.429	8.419	0.0055	0.0029	37.000	94.500	68.2347	98.7291	gltX; glutamyl-tRNA synthetase							
					37.000	97.500	77.7960	97.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0180	-0.991	6.054	0.0521	0.1201	3.500	26.500	6.4546	27.6859	jag; hypothetical protein SGO_0180					
					8.000	15.500	16.8207	15.5000						
SGO_0190	0.512	3.791	0.2040	0.7382		2.000		2.0895	hypothetical protein SGO_0190					
					2.500	6.500	5.2565	6.5000						
SGO_0197	0.637	3.854	0.0520	0.1190		3.500		3.6566	predicted ribosome small subunit-dependent GTPase A					
					3.000	4.500	6.3078	4.5000						
SGO_0198	-0.532	6.794	0.0089	0.0068	11.000	32.000	20.2860	33.4321	rpe; ribulose-phosphate 3-epimerase					
					12.000	32.000	25.2311	32.0000						
SGO_0200	-0.591	6.391	0.0165	0.0202	7.500	24.500	13.8313	25.5964	competence-induced protein Ccs50					
					9.500	24.500	19.9746	24.5000						
SGO_0201	-0.917	6.416	0.0048	0.0017	7.000	26.000	12.9093	27.1636	cmp-binding-factor 1					
					8.000	28.500	16.8207	28.5000						
SGO_0204	-0.158	7.633	0.0830	0.2217	25.000	56.500	46.1045	59.0285	rpsL; ribosomal protein S12					
					22.500	46.000	47.3084	46.0000						
SGO_0205	0.071	9.299	0.2016	0.7269	75.000	124.000	138.3135	129.5493	rpsG; ribosomal protein S7					
					87.500	178.000	183.9769	178.0000						
SGO_0206	0.140	12.413	0.0590	0.1419	837.000	1277.000	1543.5786	1334.1488	fusA; translation elongation factor G					
					627.500	1258.000	1319.3775	1258.0000						
SGO_0207	0.375	12.579	0.0248	0.0399	830.000	1267.000	1530.6694	1323.7013	gap; glyceraldehyde-3-phosphate dehydrogenase, type I					
					919.500	1330.000	1933.3348	1330.0000						
SGO_0209	-0.484	13.183	0.0050	0.0022	1021.000	2477.500	1882.9077	2588.3741	pgk; phosphoglycerate kinase					
					948.000	2836.000	1993.2587	2836.0000						
SGO_0215	-0.339	7.921	0.0562	0.1327	34.500	70.000	63.6242	73.1327	glnA; glutamine synthetase, type I					
					21.000	61.500	44.1545	61.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0219	-0.389	7.715	0.0050	0.0021	26.000	57.000	47.9487	59.5509	metallo-beta-lactamase superfamily protein 1					
					20.500	59.500	43.1032	59.5000						
SGO_0230	0.108	5.720	0.1672	0.5724	5.000	12.500	9.2209	13.0594	Protein of unknown function, DUF536 family					
					9.000	11.500	18.9233	11.5000						
SGO_0232	-0.102	4.947	0.1775	0.6200	4.500	5.500	8.2988	5.7461	conserved hypothetical protein TIGR00103					
					3.000	10.500	6.3078	10.5000						
SGO_0234	-0.522	6.807	0.0178	0.0227	13.500	35.000	24.8964	36.5663	pepX; X-Pro dipeptidyl-peptidase					
					10.000	29.500	21.0259	29.5000						
SGO_0237	-1.119	5.325	0.0099	0.0084	2.500	12.500	4.6104	13.0594	ccpA; CcpA protein (proteinase)					
					4.000	14.000	8.4104	14.0000						
SGO_0243	0.965	4.260	0.0166	0.0206		4.500		4.7014	hydroxymethylglutaryl-CoA reductase, degradative					
					4.500	5.000	9.4617	5.0000						
SGO_0244	-0.203	5.193	0.0935	0.2633	6.000	11.500	11.0651	12.0147	hydroxymethylglutaryl-CoA synthase					
						13.500		13.5000						
SGO_0247	0.100	9.898	0.0316	0.0559	137.000	213.500	252.6527	223.0546	pfl; formate acetyltransferase					
					114.500	237.500	240.7470	237.5000						
SGO_0252	0.427	3.562	0.1586	0.5274	2.500	4.500	4.6104	4.7014	possible TetR-type transcriptional regulator					
						2.500		2.5000						
SGO_0255	-0.533	5.836	0.0073	0.0051	7.000	16.000	12.9093	16.7160	Signal peptidase I					
					5.000	17.000	10.5130	17.0000						
SGO_0260	-1.274	6.073	0.0045	0.0014	4.500	21.500	8.2988	22.4622	DNA mismatch binding protein MutS2					
					5.500	25.000	11.5643	25.0000						
SGO_0262	-1.706	6.302	0.0019	0.0003	5.500	30.500	10.1430	31.8649	dipeptidase					
					4.000	28.500	8.4104	28.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0263	0.690	7.637	0.0306	0.0536	41.000	34.500	75.6114	36.0440	trx-1; thioredoxin							
					23.000	39.000	48.3597	39.0000								
SGO_0272	0.368	5.959	0.0212	0.0303	10.500	13.000	19.3639	13.5818	hypothetical protein SGO_0272							
					7.500	13.500	15.7695	13.5000								
SGO_0276	0.077	8.931	0.1104	0.3263	62.500	114.000	115.2612	119.1018	gdhA; glutamate dehydrogenase (NADP)							
					64.500	118.000	135.6173	118.0000								
SGO_0290	0.001	4.065	0.2458	0.9518	3.000	4.500	5.5325	4.7014	copper -translocating P-type ATPase							
						6.500		6.5000								
SGO_0291	-0.884	5.946	0.0057	0.0032	5.000	18.500	9.2209	19.3279	copper-translocating P-type ATPase							
					6.000	20.500	12.6156	20.5000								
SGO_0292	0.159	9.120	0.0391	0.0774	84.000	120.000	154.9111	125.3703	spxB; pyruvate oxidase							
					66.000	137.500	138.7712	137.5000								
SGO_0312	0.258	11.002	0.0042	0.0012	309.000	441.500	569.8516	461.2582	xfp; D-xylulose 5-phosphate/D-fructose 6-phosphate phosphoketolase							
					260.000	472.500	546.6743	472.5000								
SGO_0321	-0.292	6.267	0.0650	0.1584	8.000	18.000	14.7534	18.8055	polypeptide deformylase							
					9.500	23.500	19.9746	23.5000								
SGO_0333	0.128	7.930	0.1089	0.3178	30.000	55.000	55.3254	57.4614	rpsO; ribosomal protein S15							
					34.500	58.500	72.5395	58.5000								
SGO_0342	-0.280	7.594	0.0330	0.0606	25.000	46.000	46.1045	48.0586	pepF-2; oligoendopeptidase							
					19.500	58.000	41.0006	58.0000								
SGO_0344	0.030	8.477	0.0735	0.1898	48.000	85.500	88.5206	89.3263	pnpA; polyribonucleotide nucleotidyltransferase							
					43.500	87.000	91.4628	87.0000								
SGO_0349	0.186	6.196	0.0419	0.0871	11.500	16.500	21.2081	17.2384	cysS; cysteinyl-tRNA synthetase							
					8.500	17.000	17.8720	17.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios					
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4
SGO_0352	-0.043	6.880	0.1733	0.6020	16.000	31.500	29.5069	32.9097	ABC transporter, ATP-binding protein SP1580						
					13.500	27.000	28.3850	27.0000							
SGO_0357	-0.137	7.442	0.0627	0.1523	21.000	46.000	38.7278	48.0586	degV; DegV family fatty acid binding protein						
					21.000	43.000	44.1545	43.0000							
SGO_0358	0.221	9.027	0.0116	0.0115	73.000	117.500	134.6251	122.7584	rpIM; ribosomal protein L13						
					69.500	118.000	146.1303	118.0000							
SGO_0359	0.488	7.813	0.0120	0.0122	32.500	43.000	59.9358	44.9244	rpsI; ribosomal protein S9						
					34.000	48.500	71.4882	48.5000							
SGO_0372	-0.374	5.811	0.0055	0.0029	7.000	15.000	12.9093	15.6713	malate oxidoreductase						
					5.500	16.000	11.5643	16.0000							
SGO_0374	-0.954	5.376	0.0145	0.0161	5.000	12.000	9.2209	12.5370	Response regulator of the LytR/AlgR family						
					2.500	14.500	5.2565	14.5000							
SGO_0384	0.142	5.090	0.1416	0.4514	4.500	6.500	8.2988	6.7909	putative carboxylate-amine/thiol ligase						
					4.500	9.500	9.4617	9.5000							
SGO_0390	-0.369	7.920	0.0236	0.0363	27.000	72.000	49.7929	75.2222	glycerol-3-phosphate dehydrogenase (NAD (P)+)						
					26.500	61.500	55.7187	61.5000							
SGO_0392	-0.604	5.365	0.0830	0.2216	5.500	13.000	10.1430	13.5818	phosphoglycerate mutase						
						17.500		17.5000							
SGO_0398	-0.054	4.508	0.2021	0.7300	2.500	7.500	4.6104	7.8356	ABC transporter ATP-binding protein						
					3.000	4.000	6.3078	4.0000							
SGO_0401	0.708	6.598	0.0127	0.0135	17.000	14.500	31.3511	15.1489	grpE; co-chaperone GrpE						
					13.500	22.000	28.3850	22.0000							
SGO_0402	0.026	10.853	0.1603	0.5363	245.000	424.500	451.8241	443.4974	dnaK; DnaK chaperone protein						
					229.000	473.000	481.4939	473.0000							

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0404	-0.415	5.889	0.0769	0.2007	5.000	16.000	9.2209	16.7160	dnaJ; DnaJ chaparone protein							
					8.000	16.500	16.8207	16.5000								
SGO_0411	0.118	4.564	0.1587	0.5290	4.500	8.000	8.2988	8.3580	conserved hypothetical protein TIGR01440							
						7.000		7.0000								
SGO_0412	0.259	11.086	0.0051	0.0025	328.500	463.000	605.8131	483.7204	tig; trigger factor							
					275.000	506.000	578.2132	506.0000								
SGO_0413	-0.577	6.900	0.0368	0.0718	12.500	27.000	23.0522	28.2083	DNA-directed RNA polymerase delta chain							
					11.500	44.000	24.1798	44.0000								
SGO_0415	-0.140	9.505	0.0226	0.0337	89.500	184.000	165.0541	192.2344	secA; preprotein translocase, SecA subunit							
					86.000	188.500	180.8230	188.5000								
SGO_0416	-0.964	6.657	0.0227	0.0340	12.000	37.000	22.1302	38.6558	phospho-2-dehydro-3-deoxyheptonate aldolase							
					6.000	27.500	12.6156	27.5000								
SGO_0426	0.105	4.407	0.1979	0.7048	4.000	7.500	7.3767	7.8356	Cof family protein							
						6.000		6.0000								
SGO_0427	0.043	6.199	0.1767	0.6150	10.500	16.000	19.3639	16.7160	universal stress protein family							
					8.500	19.500	17.8720	19.5000								
SGO_0429	-0.226	8.510	0.0878	0.2406	43.500	112.500	80.2218	117.5346	aspartate transaminase							
					41.000	80.500	86.2063	80.5000								
SGO_0432	-0.301	6.773	0.0214	0.0309	14.000	31.000	25.8185	32.3873	entB; isochorismatase family protein							
					11.000	28.000	23.1285	28.0000								
SGO_0434	-0.404	6.589	0.0524	0.1213	13.500	23.000	24.8964	24.0293	aspS-2; aspartyl-tRNA synthetase							
					8.000	30.500	16.8207	30.5000								
SGO_0435	0.065	5.843	0.1504	0.4844	8.500	12.500	15.6755	13.0594	gatC; glutamyl-tRNA(Gln) amidotransferase, C subunit							
					6.500	15.000	13.6669	15.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0436	-0.090	8.584	0.0541	0.1266	50.000	99.500	92.2090	103.9529	gatA; glutamyl-tRNA(Gln) amidotransferase, A subunit							
					44.500	94.000	93.5654	94.0000								
SGO_0437	-0.208	8.655	0.1558	0.5048	65.000	95.000	119.8717	99.2515	gatB; glutamyl-tRNA(Gln) amidotransferase, B subunit							
					33.500	113.500	70.4369	113.5000								
SGO_0440	-0.137	4.572	0.1770	0.6170	4.000	9.000	7.3767	9.4028	L-idoitol 2-dehydrogenase BH3949							
						7.000		7.0000								
SGO_0445	-0.762	6.115	0.0125	0.0132	6.000	23.000	11.0651	24.0293	GTP-binding protein							
					7.000	19.500	14.7182	19.5000								
SGO_0448	-1.206	3.960	0.0358	0.0691	1.500	6.500	2.7663	6.7909	conserved hypothetical protein TIGR00488							
						6.000		6.0000								
SGO_0454	-0.499	7.151	0.0878	0.2397	10.500	37.500	19.3639	39.1782	conserved hypothetical protein TIGR01033							
					20.000	41.500	42.0519	41.5000								
SGO_0455	-0.914	5.663	0.0166	0.0204	3.500	14.500	6.4546	15.1489	lipoprotein, putative							
					5.500	17.500	11.5643	17.5000								
SGO_0457	0.099	7.774	0.0397	0.0810	30.000	48.500	55.3254	50.6705	ABC transporter, substrate-binding protein SP0148							
					27.500	55.000	57.8213	55.0000								
SGO_0458	0.069	9.113	0.0419	0.0868	74.500	128.000	137.3914	133.7283	hlpA; lipoprotein							
					69.500	136.500	146.1303	136.5000								
SGO_0460	-0.117	5.619	0.0524	0.1210	6.500	13.000	11.9872	13.5818	ABC transporter, ATP-binding protein SP0151							
					5.500	12.000	11.5643	12.0000								
SGO_0468	-0.067	5.563	0.2181	0.8046	7.500	11.000	13.8313	11.4923	hypothetical protein SGO_0468							
					4.500	12.500	9.4617	12.5000								
SGO_0476	0.096	6.290	0.0979	0.2804	10.500	19.500	19.3639	20.3727	rhodanese family protein							
					10.000	17.500	21.0259	17.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0480	-1.413	5.063	0.0499	0.1131		15.000		15.6713	hypothetical protein SGO_0480					
					2.500	12.500	5.2565	12.5000						
SGO_0483	0.069	6.312	0.2214	0.8252	11.000	15.000	20.2860	15.6713	hypothetical protein SGO_0483					
					9.500	23.500	19.9746	23.5000						
SGO_0501	0.314	6.827	0.0037	0.0010	17.000	25.000	31.3511	26.1188	Uncharacterized ACR, COG1399					
					15.000	24.500	31.5389	24.5000						
SGO_0502	-0.336	8.810	0.0263	0.0431	52.500	133.000	96.8194	138.9521	floL; flotillin-like protein					
					48.000	112.000	100.9245	112.0000						
SGO_0503	0.328	10.994	0.0086	0.0064	322.000	420.000	593.8260	438.7960	gnd; 6-phosphogluconate dehydrogenase, decarboxylating					
					257.500	465.000	541.4178	465.0000						
SGO_0505	-0.379	7.786	0.0264	0.0435	24.000	53.500	44.2603	55.8943	PTS system, IIBC component					
					24.500	69.000	51.5135	69.0000						
SGO_0508	0.202	5.722	0.0616	0.1493	8.500	11.000	15.6755	11.4923	nrdR; transcriptional regulator, NrdR family					
					6.000	13.000	12.6156	13.0000						
SGO_0510	-0.517	5.948	0.0158	0.0183	7.500	19.000	13.8313	19.8503	dnaI; primosomal protein DnaI					
					5.500	16.500	11.5643	16.5000						
SGO_0511	0.022	4.638	0.2139	0.7868	4.000	6.000	7.3767	6.2685	NADPH-flavin oxidoreductase -like protein					
					2.500	6.000	5.2565	6.0000						
SGO_0512	0.241	7.855	0.0443	0.0950	38.000	50.000	70.0788	52.2376	GTP-binding protein engA					
					26.500	53.500	55.7187	53.5000						
SGO_0515	0.385	8.219	0.0246	0.0388	40.500	61.500	74.6893	64.2523	murC; UDP-N-acetylmuramate--alanine ligase					
					45.000	64.500	94.6167	64.5000						
SGO_0518	-0.123	7.418	0.0956	0.2702	20.000	44.000	36.8836	45.9691	aminodeoxychorismate lyase-like protein					
					21.500	43.000	45.2058	43.0000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0519	-0.349	6.975	0.0315	0.0556	14.500	38.000	26.7406	39.7006	greA; transcription elongation factor greA					
					13.500	31.000	28.3850	31.0000						
SGO_0526	-1.420	5.561	0.0050	0.0022	3.000	18.000	5.5325	18.8055	ilvB; acetolactate synthase, large subunit, biosynthetic type					
					3.500	15.500	7.3591	15.5000						
SGO_0527	-1.189	4.162	0.0867	0.2343		5.500		5.7461	ilvN; acetolactate synthase, small subunit					
					1.500	9.000	3.1539	9.0000						
SGO_0528	-0.289	8.143	0.0423	0.0885	39.000	79.000	71.9230	82.5354	ilvC; ketol-acid reductoisomerase					
					26.500	72.500	55.7187	72.5000						
SGO_0529	-0.252	4.168	0.1566	0.5093		5.000		5.2238	ilvA; threonine dehydratase					
					2.500	7.500	5.2565	7.5000						
SGO_0535	-0.400	4.343	0.1153	0.3452	3.000	6.000	5.5325	6.2685	putative transcriptional regulator LytR					
						8.500		8.5000						
SGO_0536	0.196	6.491	0.0198	0.0277	13.500	21.000	24.8964	21.9398	hypothetical protein SGO_0536					
					11.000	20.000	23.1285	20.0000						
SGO_0537	-0.446	6.219	0.0051	0.0025	8.000	20.500	14.7534	21.4174	HIT family protein					
					8.000	21.500	16.8207	21.5000						
SGO_0540	-0.248	6.654	0.0094	0.0078	13.000	25.500	23.9743	26.6412	hypothetical protein SGO_0540					
					10.500	28.000	22.0772	28.0000						
SGO_0543	-0.355	7.276	0.0105	0.0098	17.000	42.000	31.3511	43.8796	nusA; transcription termination factor NusA					
					17.500	43.000	36.7954	43.0000						
SGO_0546	-0.338	8.102	0.0476	0.1054	27.500	77.500	50.7149	80.9683	infB; Translation initiation factor IF-2					
					34.000	71.500	71.4882	71.5000						
SGO_0548	-0.725	4.840	0.0050	0.0019	3.000	8.000	5.5325	8.3580	Na/Pi-cotransporter family protein					
					2.500	9.500	5.2565	9.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0552	-0.205	6.502	0.0184	0.0242	12.000	22.500	22.1302	23.5069	oxidoreductase, aldo/keto reductase family							
					9.500	25.000	19.9746	25.0000								
SGO_0554	-0.707	4.799	0.0921	0.2571	3.500	8.500	6.4546	8.8804	hsdR; type I site-specific deoxyribonuclease							
						12.500		12.5000								
SGO_0558	-0.093	3.750	0.2118	0.7732		5.500		5.7461	hypothetical protein SGO_0558							
					2.000	3.500	4.2052	3.5000								
SGO_0560	-0.567	5.174	0.0151	0.0173	4.500	11.000	8.2988	11.4923	hsdM; type I restriction-modification system, M subunit							
					3.000	10.000	6.3078	10.0000								
SGO_0565	-0.204	7.560	0.0246	0.0387	23.000	45.500	42.4161	47.5362	adhA; alcohol dehydrogenase							
					21.500	53.500	45.2058	53.5000								
SGO_0568	-0.346	6.590	0.0499	0.1129	9.500	24.000	17.5197	25.0741	glyQ; glycyl-tRNA synthetase, alpha subunit							
					12.000	28.500	25.2311	28.5000								
SGO_0569	-0.173	8.079	0.1338	0.4182	28.000	67.000	51.6370	69.9984	glyS; glycyl-tRNA synthetase, beta subunit							
					36.500	72.000	76.7447	72.0000								
SGO_0573	-1.078	5.593	0.0120	0.0121	3.000	16.000	5.5325	16.7160	mraW; S-adenosyl-methyltransferase MraW							
					5.000	15.500	10.5130	15.5000								
SGO_0577	-0.602	6.863	0.0238	0.0368	10.000	35.500	18.4418	37.0887	ATP-dependent RNA helicase							
					13.500	32.500	28.3850	32.5000								
SGO_0581	-0.856	5.563	0.0121	0.0124	4.500	12.500	8.2988	13.0594	trxB; thioredoxin-disulfide reductase							
					4.000	17.500	8.4104	17.5000								
SGO_0582	-0.827	7.536	0.0224	0.0331	21.500	47.000	39.6499	49.1034	nicotinate phosphoribosyltransferase, putative							
					13.000	69.500	27.3337	69.5000								
SGO_0583	-0.613	5.640	0.0045	0.0014	5.000	14.000	9.2209	14.6265	nadE; NAD ⁺ synthetase							
					5.000	15.500	10.5130	15.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p ⁻ , q-Values
Light Green	yes	-	p ⁻ , q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0585	-0.393	6.850	0.0426	0.0898	15.000	36.000	27.6627	37.6111	pepC; aminopeptidase C					
					10.500	28.000	22.0772	28.0000						
SGO_0586	-0.529	7.227	0.0163	0.0197	15.500	47.000	28.5848	49.1034	pbp1a; penicillin-binding protein 1A					
					15.500	39.500	32.5902	39.5000						
SGO_0589	-0.265	7.239	0.0979	0.2806	21.000	31.500	38.7278	32.9097	methylase					
					14.000	50.000	29.4363	50.0000						
SGO_0590	-0.575	4.491	0.1229	0.3763	3.000	10.000	5.5325	10.4475	Methyltransferase					
						6.500		6.5000						
SGO_0591	-0.545	6.487	0.0058	0.0034	9.000	25.500	16.5976	26.6412	hypothetical protein SGO_0591					
					9.500	26.500	19.9746	26.5000						
SGO_0592	-0.928	5.148	0.0264	0.0438	4.000	13.000	7.3767	13.5818	luxS; autoinducer-2 production protein LuxS					
						14.500		14.5000						
SGO_0593	-0.945	6.782	0.0089	0.0068	12.000	37.500	22.1302	39.1782	HD/KH domain protein					
					7.500	33.000	15.7695	33.0000						
SGO_0594	-0.285	5.592	0.0336	0.0621	5.500	11.500	10.1430	12.0147	gmk; Guanylate kinase (GMP kinase)					
					5.500	14.500	11.5643	14.5000						
SGO_0595	-0.365	6.369	0.0086	0.0063	10.500	22.000	19.3639	22.9846	DNA-directed RNA polymerase, omega subunit					
					8.000	23.500	16.8207	23.5000						
SGO_0597	-0.930	5.400	0.0057	0.0031	4.500	14.000	8.2988	14.6265	fmt; methionyl-tRNA formyltransferase					
					3.000	13.000	6.3078	13.0000						
SGO_0599	-0.192	6.080	0.1225	0.3743	7.000	18.500	12.9093	19.3279	phosphoprotein phosphatase					
					9.000	16.500	18.9233	16.5000						
SGO_0600	-0.833	5.248	0.0549	0.1291	4.500	15.500	8.2988	16.1937	serine/threonine protein kinase					
						13.500		13.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0604	-0.281	7.730	0.0121	0.0124	27.500	54.000	50.7149	56.4166	hydrolase, haloacid dehalogenase family/peptidyl-prolyl cis-trans isomerase, cyclophilin type							
					21.500	60.000	45.2058	60.0000								
SGO_0606	-0.116	8.560	0.0452	0.0978	48.000	89.000	88.5206	92.9830	cysK; cysteine synthase A							
					44.000	103.500	92.5141	103.5000								
SGO_0610	-0.202	8.303	0.1450	0.4632	50.000	84.500	92.2090	88.2816	ribosomal subunit interface protein							
					27.000	78.500	56.7700	78.5000								
SGO_0626	-0.391	4.073	0.1141	0.3401	2.500	5.000	4.6104	5.2238	recX; Regulatory protein recX							
						7.000		7.0000								
SGO_0631	-1.276	6.339	0.0012	0.0001	6.000	28.000	11.0651	29.2531	alpha-glycerophosphate oxidase							
					6.000	28.000	12.6156	28.0000								
SGO_0632	-0.428	5.532	0.0101	0.0091	5.000	12.000	9.2209	12.5370	glpK; glycerol kinase							
					5.000	14.000	10.5130	14.0000								
SGO_0639	-0.483	7.708	0.0168	0.0211	27.000	55.500	49.7929	57.9838	valS; valyl-tRNA synthetase							
					18.000	63.500	37.8467	63.5000								
SGO_0640	2.176	4.306	0.0195	0.0266		2.500		2.6119	modification methylase							
					6.500	3.500	13.6669	3.5000								
SGO_0641	-0.693	6.206	0.0057	0.0032	8.500	22.500	15.6755	23.5069	ATPase, histidine kinase-, DNA gyrase B-, and HSP90-like domain protein protein							
					6.000	22.000	12.6156	22.0000								
SGO_0642	2.641	7.544	0.0019	0.0003	46.500	15.000	85.7544	15.6713	hypothetical protein SGO_0642							
					35.500	10.500	74.6421	10.5000								
SGO_0643	-0.102	3.563	0.2074	0.7545	2.000	3.000	3.6884	3.1343	cytosine-specific methyltransferase							
						5.000		5.0000								
SGO_0644	-0.638	6.594	0.0262	0.0428	9.000	33.000	16.5976	34.4768	hypothetical protein SGO_0644							
					10.000	24.500	21.0259	24.5000								

 Show detected proteins only Show all proteinsProteins found:
627 Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0652	0.499	4.282	0.1697	0.5840	3.500	6.500	6.4546	6.7909	hypothetical protein SGO_0652					
					2.000	2.000	4.2052	2.0000						
SGO_0654	-0.541	6.872	0.0183	0.0237	14.500	30.000	26.7406	31.3426	radical SAM enzyme, Cfr family					
					10.000	38.000	21.0259	38.0000						
SGO_0656	-0.070	4.817	0.2354	0.8955	5.500	7.500	10.1430	7.8356	trpB-2; tryptophan synthase, beta subunit					
					2.000	6.000	4.2052	6.0000						
SGO_0665	-0.084	9.511	0.2049	0.7441	115.500	165.000	213.0028	172.3842	non-heme iron-containing ferritin					
					68.500	200.000	144.0277	200.0000						
SGO_0669	-0.054	7.888	0.0984	0.2826	30.000	57.500	55.3254	60.0733	typA; GTP-binding protein TypA					
					29.000	60.500	60.9752	60.5000						
SGO_0671	-1.181	6.393	0.0058	0.0033	6.500	31.000	11.9872	32.3873	murD; UDP-N-acetylmuramoylalanine--D-glutamate ligase					
					6.500	26.000	13.6669	26.0000						
SGO_0672	-1.747	4.555	0.1156	0.3479	1.500	5.500	2.7663	5.7461	murG; undecaprenyl-PP-MurNac-pentapeptide-UDPGlcNac GlcNac transferase					
						15.000		15.0000						
SGO_0673	0.012	2.877			2.000	3.500	3.6884	3.6566	DivIB; cell division protein DivIB					
SGO_0674	0.070	8.796	0.0972	0.2773	58.500	107.500	107.8845	112.3109	ftsA; cell division protein FtsA					
					57.000	104.500	119.8478	104.5000						
SGO_0675	0.353	9.672	0.0028	0.0006	121.000	171.500	223.1458	179.1750	ftsZ; cell division protein FtsZ					
					111.500	179.000	234.4392	179.0000						
SGO_0676	-0.215	5.555	0.0878	0.2400	6.000	10.000	11.0651	10.4475	conserved hypothetical protein TIGR00044					
					5.000	15.000	10.5130	15.0000						
SGO_0677	-0.108	7.445	0.2139	0.7877	29.000	37.500	53.4812	39.1782	yImF protein					
					15.000	50.000	31.5389	50.0000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0680	-0.460	8.674	0.0226	0.0338	41.000	103.000	75.6114	107.6095	cell division protein DivIVA							
					46.000	128.500	96.7193	128.5000								
SGO_0681	-0.526	8.524	0.0026	0.0005	42.500	106.000	78.3776	110.7438	ileS; isoleucyl-tRNA synthetase							
					34.500	106.500	72.5395	106.5000								
SGO_0684	0.708	7.087	0.0016	0.0002	23.500	25.000	43.3382	26.1188	hypothetical protein SGO_0684							
					19.500	25.500	41.0006	25.5000								
SGO_0688	-0.500	7.374	0.0031	0.0007	19.000	48.000	35.0394	50.1481	ATP dependent Clp protease, ATP-binding subunit, ClpE							
					16.000	47.000	33.6415	47.0000								
SGO_0693	0.248	3.226	0.2508	0.9789		4.500		4.7014	xseA; exodeoxyribonuclease VII, large subunit							
					1.500	1.500	3.1539	1.5000								
SGO_0700	-0.692	5.746	0.0354	0.0673	4.000	14.000	7.3767	14.6265	DegV family protein							
					6.500	18.000	13.6669	18.0000								
SGO_0701	-0.065	12.543	0.1866	0.6611	898.500	1475.000	1656.9957	1541.0098	hup; DNA-binding histone-like protein HU							
					605.000	1496.500	1272.0691	1496.5000								
SGO_0704	0.640	11.588	0.0012	0.0001	501.500	559.500	924.8563	584.5390	gpmA; 2,3-bisphosphoglycerate-dependent phosphoglycerate mutase							
					452.000	619.500	950.3723	619.5000								
SGO_0706	-0.152	4.568	0.0575	0.1368		8.000		8.3580	phoH-like protein							
					3.500	8.000	7.3591	8.0000								
SGO_0707	0.154	4.307	0.1982	0.7097	4.000	6.000	7.3767	6.2685	LPXTG cell wall surface protein							
					1.500	3.000	3.1539	3.0000								
SGO_0708	0.009	9.410	0.2272	0.8553	83.500	162.000	153.9890	169.2499	ald; alanine dehydrogenase							
					89.500	169.000	188.1821	169.0000								
SGO_0713	-0.181	6.841	0.0893	0.2463	16.000	32.500	29.5069	33.9545	sgg; GTP-binding protein Era							
					11.500	27.000	24.1798	27.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios					
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4
SGO_0721	0.174	5.042	0.1577	0.5139	7.000	6.000	12.9093	6.2685	abpB-like dipeptidase lipoprotein						
					2.500	8.500	5.2565	8.5000							
SGO_0736	-0.914	3.749	0.0956	0.2697	1.500	4.000	2.7663	4.1790	hprK; HPr(Ser) kinase/phosphatase						
						6.500		6.5000							
SGO_0739	-0.130	5.795	0.0902	0.2502	7.500	12.500	13.8313	13.0594	hypothetical protein SGO_0739						
					6.000	16.000	12.6156	16.0000							
SGO_0742	-0.174	5.394	0.0184	0.0243	7.000	14.000	12.9093	14.6265	peptidase, U32 family						
						14.500		14.5000							
SGO_0743	-0.062	6.660	0.2296	0.8666	10.500	28.000	19.3639	29.2531	peptidase, U32 family						
					14.500	22.000	30.4876	22.0000							
SGO_0745	-0.380	7.571	0.0455	0.0988	27.000	48.500	49.7929	50.6705	hypothetical protein SGO_0745						
					16.000	56.000	33.6415	56.0000							
SGO_0749	-0.672	6.517	0.0067	0.0042	10.000	29.000	18.4418	30.2978	glutathione reductase						
					8.000	26.000	16.8207	26.0000							
SGO_0750	-0.828	8.970	0.0037	0.0010	52.500	160.000	96.8194	167.1604	efflux transporter, RND family, MFP subunit subfamily						
					40.000	153.500	84.1037	153.5000							
SGO_0751	0.061	7.986	0.1979	0.7045	37.500	67.500	69.1567	70.5208	ABC transporter, ATP-binding protein SP0786						
					28.500	54.000	59.9239	54.0000							
SGO_0752	-1.583	5.463	0.0073	0.0049		18.000		18.8055	ABC transporter, ATP-binding protein						
					3.000	19.000	6.3078	19.0000							
SGO_0753	-0.152	8.582	0.0514	0.1174	46.000	101.500	84.8323	106.0424	lysS; lysyl-tRNA synthetase						
					46.000	95.500	96.7193	95.5000							
SGO_0755	-0.930	4.679	0.0843	0.2256		8.000		8.3580	regulatory protein						
					2.500	12.000	5.2565	12.0000							

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_0760	-0.184	8.944	0.0275	0.0469	67.000	125.500	123.5601	131.1164	ppc; phosphoenolpyruvate carboxylase					
					51.000	130.500	107.2323	130.5000						
SGO_0761	0.194	13.234	0.0122	0.0126	1410.000	2246.500	2600.2938	2347.0363	tuf; translation elongation factor Tu					
					1207.500	2149.500	2538.8817	2149.5000						
SGO_0762	0.307	11.217	0.0902	0.2505	436.000	581.000	804.0625	607.0012	tpiA; triosephosphate isomerase					
					247.000	449.500	519.3406	449.5000						
SGO_0763	-0.462	6.864	0.0656	0.1614	17.500	29.500	32.2731	30.8202	murA-1; UDP-N-acetylglucosamine 1-carboxyvinyltransferase					
					8.500	35.500	17.8720	35.5000						
SGO_0771	-0.580	8.022	0.0012	0.0001	28.000	73.000	51.6370	76.2669	pepq; proline dipeptidase					
					25.000	79.500	52.5648	79.5000						
SGO_0773	-0.086	8.013	0.1168	0.3541	32.000	68.500	59.0138	71.5655	ccpA; catabolite control protein A					
					31.500	61.500	66.2317	61.5000						
SGO_0774	-0.279	5.141	0.1579	0.5182	5.500	14.500	10.1430	15.1489	glycosyl transferase, group 1 family protein					
						10.000		10.0000						
SGO_0775	-0.443	5.309	0.0248	0.0395	4.500	9.500	8.2988	9.9251	glycosyl transferase, group 1					
					4.000	13.000	8.4104	13.0000						
SGO_0778	-0.280	8.523	0.0045	0.0014	45.000	94.000	82.9881	98.2067	thrS; threonyl-tRNA synthetase					
					39.500	103.500	83.0524	103.5000						
SGO_0779	-1.405	5.902	0.0158	0.0186	6.500	23.500	11.9872	24.5517	response regulator					
					2.500	18.000	5.2565	18.0000						
SGO_0784	-1.117	6.222	0.0007	0.0000	6.500	24.000	11.9872	25.0741	smc; chromosome segregation protein SMC					
					5.500	26.000	11.5643	26.0000						
SGO_0786	-0.423	5.701	0.0238	0.0369	7.000	14.500	12.9093	15.1489	Cof family protein					
					4.500	14.500	9.4617	14.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0787	-0.680	6.644	0.0078	0.0056	9.000	29.500	16.5976	30.8202	ftsY; cell division protein FtsY							
					10.500	30.500	22.0772	30.5000								
SGO_0788	-0.083	7.373	0.0165	0.0200	22.000	40.000	40.5720	41.7901	zwf; glucose-6-phosphate 1-dehydrogenase							
					19.000	43.500	39.9493	43.5000								
SGO_0792	0.213	6.515	0.0667	0.1684	14.000	23.000	25.8185	24.0293	hypothetical protein SGO_0792							
					11.000	18.500	23.1285	18.5000								
SGO_0794	-0.543	7.003	0.0048	0.0017	13.500	35.000	24.8964	36.5663	metallo-beta-lactamase family protein							
					13.000	39.500	27.3337	39.5000								
SGO_0795	-0.846	4.916	0.0016	0.0002	3.000	9.000	5.5325	9.4028	tributylin esterase							
					2.500	10.000	5.2565	10.0000								
SGO_0798	-0.090	6.447	0.0451	0.0973	11.500	22.500	21.2081	23.5069	ABC transporter, ATP-binding protein SP1381							
					10.000	21.500	21.0259	21.5000								
SGO_0800	-0.289	4.477	0.0893	0.2470	3.500	7.000	6.4546	7.3133	polysaccharide deacetylase family protein							
						8.500		8.5000								
SGO_0801	-0.444	8.709	0.0357	0.0679	58.500	111.500	107.8845	116.4899	hom; homoserine dehydrogenase							
					34.000	122.500	71.4882	122.5000								
SGO_0802	-0.990	6.198	0.0056	0.0030	5.500	23.000	10.1430	24.0293	thrB; homoserine kinase							
					7.000	24.500	14.7182	24.5000								
SGO_0803	-0.985	5.780	0.0183	0.0238	7.000	16.500	12.9093	17.2384	hypothetical protein SGO_0803							
					3.000	18.500	6.3078	18.5000								
SGO_0814	-0.439	3.119			2.000		3.6884		aminotransferase, class-V							
						5.000		5.0000								
SGO_0815	-0.436	6.739	0.0128	0.0137	11.500	31.500	21.2081	32.9097	thiI; thiamine biosynthesis protein ThiI							
					11.500	28.500	24.1798	28.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios					
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4
SGO_0818	0.146	9.821	0.0805	0.2119	118.000	190.500	217.6132	199.0253	rplU; ribosomal protein L21						
					122.500	230.000	257.5677	230.0000							
SGO_0820	0.049	7.356	0.1989	0.7149	28.000	35.000	51.6370	36.5663	rpmA; ribosomal protein L27						
					15.500	43.000	32.5902	43.0000							
SGO_0824	-0.527	7.513	0.0019	0.0003	19.500	51.500	35.9615	53.8047	lepA; GTP-binding protein LepA						
					18.500	54.000	38.8980	54.0000							
SGO_0832	-0.202	4.135	0.1685	0.5790		7.000		7.3133	hypothetical protein SGO_0832						
					2.500	5.000	5.2565	5.0000							
SGO_0835	-0.100	8.008	0.1676	0.5747	28.500	63.500	52.5591	66.3418	nitroreductase						
					34.500	66.000	72.5395	66.0000							
SGO_0836	-0.322	8.917	0.0227	0.0344	65.000	130.000	119.8717	135.8178	pepV; dipeptidase PepV						
					45.500	132.000	95.6680	132.0000							
SGO_0842	0.314	4.316	0.1271	0.3929	3.000	3.000	5.5325	3.1343	rhodanese family protein						
					2.500	6.000	5.2565	6.0000							
SGO_0848	0.126	8.471	0.0199	0.0280	52.000	82.000	95.8974	85.6697	rpmE; ribosomal protein L31						
					42.500	84.000	89.3602	84.0000							
SGO_0850	0.821	8.115	0.0532	0.1238	68.500	48.500	126.3263	50.6705	flavodoxin						
					26.500	44.500	55.7187	44.5000							
SGO_0854	-0.083	4.618	0.1668	0.5698	3.000	5.000	5.5325	5.2238	cshA; surface-associated protein CshA						
					3.000	7.500	6.3078	7.5000							
SGO_0856	-0.843	6.741	0.0099	0.0084	11.000	29.000	20.2860	30.2978	ABC transporter, substrate binding protein						
					8.500	38.500	17.8720	38.5000							
SGO_0859	-0.591	6.628	0.0101	0.0091	9.500	30.000	17.5197	31.3426	pheS; phenylalanyl-tRNA synthetase, alpha subunit						
					10.500	28.000	22.0772	28.0000							

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0861	-0.016	8.788	0.2193	0.8146	56.000	103.500	103.2741	108.1319	pheT; phenylalanyl-tRNA synthetase, beta subunit											
					55.500	114.000	116.6939	114.0000												
SGO_0885	0.072	4.529	0.1023	0.2951	3.000	5.500	5.5325	5.7461	cobyric acid synthase											
					3.000	5.500	6.3078	5.5000												
SGO_0888	-0.120	3.360	0.2049	0.7437		2.500		2.6119	hypothetical protein SGO_0888											
					1.500	4.500	3.1539	4.5000												
SGO_0889	-0.857	6.334	0.0094	0.0079	9.500	24.000	17.5197	25.0741	glmM; phosphoglucosamine mutase											
					5.500	26.500	11.5643	26.5000												
SGO_0893	-0.144	7.478	0.0694	0.1766	23.000	40.500	42.4161	42.3125	GTP-binding protein											
					20.000	51.500	42.0519	51.5000												
SGO_0901	-1.239	5.624	0.0092	0.0073	3.000	18.000	5.5325	18.8055	DNA-directed DNA polymerase III											
					4.500	15.500	9.4617	15.5000												
SGO_0906	-0.169	7.067	0.1085	0.3157	14.500	34.000	26.7406	35.5216	leuA; 2-isopropylmalate synthase											
					17.500	35.000	36.7954	35.0000												
SGO_0911	-0.375	8.145	0.0196	0.0271	29.500	75.000	54.4033	78.3564	hypothetical protein SGO_0911											
					33.000	81.000	69.3856	81.0000												
SGO_0946	-0.405	5.997	0.0811	0.2141	5.500	19.000	10.1430	19.8503	Deblocking aminopeptidase											
					8.500	16.000	17.8720	16.0000												
SGO_0949	-0.280	3.985	0.0869	0.2354	2.500	5.000	4.6104	5.2238	deaD; DEAD RNA helicase											
						6.000		6.0000												
SGO_0950	-0.499	3.856	0.1382	0.4363	2.000	6.500	3.6884	6.7909	oxidoreductase											
						4.000		4.0000												
SGO_0951	0.056	5.347	0.1726	0.5963	5.000	9.000	9.2209	9.4028	udk; uridine kinase											
					5.500	10.500	11.5643	10.5000												

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_0954	0.400	6.031	0.1104	0.3269	7.500	9.500	13.8313	9.9251	ATP-binding protein							
					11.000	18.500	23.1285	18.5000								
SGO_0982	-1.448	5.968	0.0050	0.0022	4.500	19.500	8.2988	20.3727	amino acid ABC transporter, amino acid-binding protein							
					4.000	25.500	8.4104	25.5000								
SGO_0987	0.146	7.404	0.1271	0.3950	24.000	32.500	44.2603	33.9545	metK; S-adenosylmethionine synthetase							
					21.000	47.000	44.1545	47.0000								
SGO_0993	0.298	2.742			2.000		3.6884		GTP-binding protein HflX							
						3.000		3.0000								
SGO_0995	-0.910	4.300	0.1485	0.4762	2.000	11.500	3.6884	12.0147	metallo-beta-lactamase superfamily protein							
						4.000		4.0000								
SGO_1001	-0.363	7.652	0.0482	0.1077	20.000	48.500	36.8836	50.6705	apt; adenine phosphoribosyltransferase							
					24.500	62.000	51.5135	62.0000								
SGO_1005	-0.311	5.052	0.0394	0.0786	4.000	10.000	7.3767	10.4475	Bcl-2 family protein							
					3.500	8.000	7.3591	8.0000								
SGO_1009	-0.352	8.825	0.0358	0.0687	46.000	126.500	84.8323	132.1612	rfbA-1; glucose-1-phosphate thymidyltransferase							
					55.000	121.000	115.6426	121.0000								
SGO_1010	-0.004	7.284	0.2348	0.8913	21.500	42.500	39.6499	44.4020	rmlC; dTDP-4-keto-6-deoxyglucose-3,5-epimerase							
					18.000	34.000	37.8467	34.0000								
SGO_1011	-0.510	7.930	0.0092	0.0074	25.500	73.000	47.0266	76.2669	rfbB-1; dTDP-glucose 4,6-dehydratase							
					25.500	67.000	53.6161	67.0000								
SGO_1012	-0.408	8.489	0.0012	0.0001	41.000	98.500	75.6114	102.9081	galE-1; UDP-glucose 4-epimerase							
					37.500	102.000	78.8473	102.0000								
SGO_1013	1.757	3.716			5.500		10.1430		Glycosyltransferase involved in cell wall biogenesis							
						3.000		3.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1016	-0.407	4.079	0.0910	0.2534	2.500	6.500	4.6104	6.7909	putative glycosyltransferase					
						5.500		5.5000						
SGO_1019	-0.856	3.694	0.0874	0.2378	1.500	4.000	2.7663	4.1790	glycosyl transferase					
						6.000		6.0000						
SGO_1020	-0.143	7.350	0.1361	0.4272	23.000	34.000	42.4161	35.5216	rfbD; dTDP-4-dehydrorhamnose reductase					
					16.500	50.500	34.6928	50.5000						
SGO_1025	-0.558	5.938	0.0438	0.0934	8.500	15.000	15.6755	15.6713	rgp; glycosyltransferase					
					4.500	20.500	9.4617	20.5000						
SGO_1026	-1.030	5.584	0.0017	0.0002	4.000	15.000	7.3767	15.6713	rhamnosyltransferase					
					4.000	16.500	8.4104	16.5000						
SGO_1031	-0.922	4.825	0.0158	0.0184	2.000	8.000	3.6884	8.3580	cmk; cytidylate kinase					
					3.000	10.000	6.3078	10.0000						
SGO_1032	-0.215	4.744	0.1382	0.4357	3.000	10.000	5.5325	10.4475	infC; translation initiation factor IF-3					
					3.000	4.500	6.3078	4.5000						
SGO_1034	-0.702	9.592	0.0321	0.0574	108.000	222.000	199.1714	231.9350	rplT; ribosomal protein L20					
					49.500	236.500	104.0784	236.5000						
SGO_1035	-0.089	5.418	0.1403	0.4457	5.000	10.500	9.2209	10.9699	gloA; lactoylglutathione lyase					
					5.500	11.000	11.5643	11.0000						
SGO_1036	-1.118	5.294	0.0358	0.0685	3.000	8.500	5.5325	8.8804	amino acid ABC transporter, ATP-binding protein SP1242					
					3.000	18.500	6.3078	18.5000						
SGO_1038	0.018	4.993	0.2552	0.9977	3.500	9.500	6.4546	9.9251	uvrB; excinuclease ABC, B subunit					
					4.500	6.000	9.4617	6.0000						
SGO_1047	-1.205	5.745	0.0107	0.0100	5.500	15.500	10.1430	16.1937	hypothetical protein SGO_1047					
					3.000	21.000	6.3078	21.0000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1049	-1.108	4.615	0.0348	0.0652	2.500	9.000	4.6104	9.4028	tRNA pseudouridine synthase B					
						10.500		10.5000						
SGO_1050	-0.267	3.894	0.1782	0.6234		3.500		3.6566	ribF; riboflavin biosynthesis protein RibF					
					2.000	7.000	4.2052	7.0000						
SGO_1051	-1.595	3.476			1.500	8.000	2.7663	8.3580	negative regulator of proteolysis					
SGO_1058	1.220	5.099	0.0073	0.0050	10.000	7.500	18.4418	7.8356	pstB; Phosphate import ATP-binding protein pstB 2 (Phosphate-transporting ATPase 2) (ABC phosphate transporter 2)					
						8.000		8.0000						
SGO_1059	0.304	6.760	0.0048	0.0016	16.500	22.500	30.4290	23.5069	pstB; Phosphate import ATP-binding protein pstB 1 (Phosphate-transporting ATPase 1) (ABC phosphate transporter 1)					
					14.000	25.000	29.4363	25.0000						
SGO_1060	-1.042	6.723	0.0043	0.0012	9.000	36.500	16.5976	38.1335	phosphate transport system regulatory protein					
					8.500	33.000	17.8720	33.0000						
SGO_1065	-0.056	5.401	0.1849	0.6538	5.000	10.500	9.2209	10.9699	hypothetical protein SGO_1065					
					5.500	10.500	11.5643	10.5000						
SGO_1069	-0.344	8.334	0.0248	0.0395	36.500	95.000	67.3126	99.2515	membrane alanyl aminopeptidase					
					35.500	81.500	74.6421	81.5000						
SGO_1079	-0.816	6.258	0.0107	0.0101	7.000	20.500	12.9093	21.4174	pdp; pyrimidine-nucleoside phosphorylase					
					7.000	27.500	14.7182	27.5000						
SGO_1080	-0.354	7.838	0.0064	0.0039	26.500	64.000	48.8708	66.8642	deoC; deoxyribose-phosphate aldolase					
					24.500	61.500	51.5135	61.5000						
SGO_1081	1.033	3.484	0.0735	0.1892	3.000	3.500	5.5325	3.6566	cdd; cytidine deaminase					
						2.000		2.0000						
SGO_1082	-0.212	12.037	0.1609	0.5401	690.500	1026.000	1273.4063	1071.9160	lipoprotein					
					340.500	1141.000	715.9331	1141.0000						

Show detected proteins only
 Show all proteins
 Filter by category:

Proteins found: 627

Test **Cutoff**

Signif	Direction	Applies To
yes	+	ratios, bars
no	n/a	bars
yes	-	ratios, bars
yes	+	p-, q-Values
yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1083	-0.634	8.825	0.0148	0.0168	48.000	149.500	88.5206	156.1905	sugar ABC transporter, ATP-binding protein SP0846							
					42.000	120.500	88.3089	120.5000								
SGO_1088	-0.517	3.458	0.1390	0.4396	1.500	5.000	2.7663	5.2238	transcription regulator, LysR family							
						3.000		3.0000								
SGO_1096	-0.546	10.083	0.0167	0.0208	140.000	295.000	258.1852	308.2020	butA; acetoin dehydrogenase							
					88.500	332.500	186.0795	332.5000								
SGO_1098	-0.908	5.326	0.0271	0.0453	4.000	9.500	7.3767	9.9251	proA; gamma-glutamyl phosphate reductase							
					3.000	16.500	6.3078	16.5000								
SGO_1107	-0.387	3.279							PyrR bifunctional protein							
					2.000	5.500	4.2052	5.5000								
SGO_1109	-0.468	7.446	0.0077	0.0055	21.500	47.000	39.6499	49.1034	pyrB; aspartate carbamoyltransferase							
					16.000	52.000	33.6415	52.0000								
SGO_1111	-0.999	4.208	0.0466	0.1029	2.000	6.500	3.6884	6.7909	fruR; phosphotransferase system repressor							
						8.000		8.0000								
SGO_1112	-1.620	4.938	0.0735	0.1901		10.000		10.4475	fruB; 1-phosphofructokinase							
					2.000	16.000	4.2052	16.0000								
SGO_1113	0.070	7.700	0.2139	0.7865	26.000	58.000	47.9487	60.5956	fruA; PTS system, fructose specific IIABC components							
					27.500	41.500	57.8213	41.5000								
SGO_1114	-1.101	5.443	0.0051	0.0023	3.500	15.500	6.4546	16.1937	Protein of unknown function (DUF1149) superfamily							
					3.500	13.500	7.3591	13.5000								
SGO_1116	-0.461	7.063	0.0163	0.0196	13.500	39.000	24.8964	40.7453	dapB; dihydrodipicolinate reductase							
					15.000	36.500	31.5389	36.5000								
SGO_1120	-0.352	8.177	0.0319	0.0570	29.500	78.000	54.4033	81.4907	guaA; GMP synthase							
					35.000	80.000	73.5908	80.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1123	-0.243	7.834	0.0198	0.0276	26.500	57.000	48.8708	59.5509	ffh; signal recognition particle protein					
					26.500	64.000	55.7187	64.0000						
SGO_1129	0.133	5.556	0.1407	0.4477	7.000	12.500	12.9093	13.0594	lplA; lipoate protein ligase A					
					5.500	9.500	11.5643	9.5000						
SGO_1130	-0.293	7.485	0.0045	0.0014	22.000	48.500	40.5720	50.6705	dihydrolipoamide dehydrogenase					
					19.000	48.000	39.9493	48.0000						
SGO_1131	-0.628	6.083	0.0172	0.0217	6.000	21.000	11.0651	21.9398	sucB; dihydrolipoamide S-acetyltransferase					
					7.500	19.000	15.7695	19.0000						
SGO_1132	-1.277	4.431	0.0092	0.0072	2.000	8.500	3.6884	8.8804	acetoin dehydrogenase					
						9.000		9.0000						
SGO_1133	-0.401	5.511	0.0753	0.1952	4.000	13.500	7.3767	14.1042	acoA; acetoin dehydrogenase					
					6.000	11.500	12.6156	11.5000						
SGO_1134	0.687	2.769				2.500		2.6119	hypothetical protein SGO_1134					
					2.000		4.2052							
SGO_1139	-0.687	6.647	0.0017	0.0002	10.000	29.000	18.4418	30.2978	GTP-binding protein					
					9.500	31.500	19.9746	31.5000						
SGO_1140	-0.548	8.083	0.0007	0.0000	29.500	77.500	54.4033	80.9683	clpX; ATP-dependent Clp protease, ATP-binding subunit ClpX					
					26.500	80.000	55.7187	80.0000						
SGO_1141	-0.510	4.166	0.1108	0.3287	2.500	7.500	4.6104	7.8356	folA; dihydrofolate reductase					
						5.500		5.5000						
SGO_1143	-0.469	5.119	0.0256	0.0415	5.000	12.000	9.2209	12.5370	thyA; thymidylate synthase					
						13.000		13.0000						
SGO_1144	-0.205	9.487	0.0330	0.0604	98.500	184.000	181.6517	192.2344	glcK; glucokinase					
					72.500	191.500	152.4380	191.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios					
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4
SGO_1150	-0.736	4.996	0.0458	0.1000		12.500		13.0594	hypothetical protein SGO_1150						
					3.500	11.500	7.3591	11.5000							
SGO_1151	-0.112	9.374	0.0151	0.0172	84.000	165.500	154.9111	172.9065	glyA; serine hydroxymethyltransferase						
					78.000	171.500	164.0023	171.5000							
SGO_1154	0.176	7.252	0.0328	0.0595	20.500	33.500	37.8057	34.9992	prfA; peptide chain release factor 1						
					20.500	36.500	43.1032	36.5000							
SGO_1155	-0.062	5.189	0.2203	0.8197		9.000		9.4028	tdk; thymidine kinase						
					5.500	15.500	11.5643	15.5000							
SGO_1167	-1.225	7.832	0.0061	0.0037	14.000	76.000	25.8185	79.4012	nox; NADH oxidase						
					21.000	78.500	44.1545	78.5000							
SGO_1169	-0.074	7.287	0.1579	0.5196	20.500	44.000	37.8057	45.9691	NADPH-dependent FMN reductase						
					18.000	34.500	37.8467	34.5000							
SGO_1170	-0.164	7.848	0.0268	0.0445	31.000	60.000	57.1696	62.6851	NADPH-dependent FMN reductase						
					24.500	59.000	51.5135	59.0000							
SGO_1185	-0.678	4.825	0.0219	0.0318	2.500	9.500	4.6104	9.9251	acetyltransferase, GNAT family						
					3.000	7.500	6.3078	7.5000							
SGO_1189	0.243	6.125	0.1382	0.4349	15.000	12.500	27.6627	13.0594	lipoprotein, putative						
					5.500	17.500	11.5643	17.5000							
SGO_1191	0.592	11.525	0.0050	0.0022	454.000	580.500	837.2577	606.4788	rplL; ribosomal protein L7/L12						
					444.500	568.000	934.6028	568.0000							
SGO_1192	-0.831	9.141	0.0196	0.0270	56.500	141.000	104.1962	147.3101	BL5; 50S ribosomal protein L10						
					46.000	216.500	96.7193	216.5000							
SGO_1193	-1.780	5.724	0.0061	0.0036	3.000	22.500	5.5325	23.5069	gid; Glucose inhibited division protein A						
					3.000	17.500	6.3078	17.5000							

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1197	-0.539	6.562	0.0140	0.0154	10.000	24.000	18.4418	25.0741	topA; DNA topoisomerase I					
					9.500	31.000	19.9746	31.0000						
SGO_1198	0.242	8.232	0.0289	0.0498	48.000	66.500	88.5206	69.4760	DNA processing Smf protein					
					35.500	68.000	74.6421	68.0000						
SGO_1203	-0.311	6.275	0.0295	0.0509	8.500	19.000	15.6755	19.8503	anaerobic ribonucleotide reductase					
					9.000	23.000	18.9233	23.0000						
SGO_1205	-0.173	4.641	0.1033	0.2994	3.500	5.500	6.4546	5.7461	dapA; dihydrodipicolinate synthase					
					2.500	7.500	5.2565	7.5000						
SGO_1206	0.517	6.972	0.0053	0.0027	19.000	25.500	35.0394	26.6412	asd; aspartate-semialdehyde dehydrogenase					
					18.500	25.000	38.8980	25.0000						
SGO_1210	-1.052	4.625	0.1103	0.3245	2.500	12.500	4.6104	13.0594	fhs-1; formate--tetrahydrofolate ligase					
						7.000		7.0000						
SGO_1215	-0.577	9.730	0.0000	0.0000	92.500	243.000	170.5866	253.8748	manB; phosphomannomutase					
					81.000	254.500	170.3101	254.5000						
SGO_1216	-0.641	7.060	0.0103	0.0094	14.500	43.000	26.7406	44.9244	bta; Possible bacteriocin transport accessory protein					
					12.000	36.500	25.2311	36.5000						
SGO_1219	-0.147	7.143	0.0656	0.1621	16.500	36.000	30.4290	37.6111	pta; phosphate acetyltransferase					
					17.500	36.500	36.7954	36.5000						
SGO_1224	-0.222	8.539	0.0384	0.0755	42.500	100.500	78.3776	104.9976	Ribose-phosphate pyrophosphokinase 2					
					44.500	95.000	93.5654	95.0000						
SGO_1225	-0.082	5.027	0.1579	0.5157	4.000	7.000	7.3767	7.3133	pyridoxal-phosphate dependent aminotransferase					
					4.000	9.500	8.4104	9.5000						
SGO_1226	-0.205	6.039	0.0203	0.0288	8.000	16.000	14.7534	16.7160	hypothetical protein SGO_1226					
					7.500	18.500	15.7695	18.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1231	-0.544	6.626	0.0495	0.1114	10.500	21.000	19.3639	21.9398	gyrA; DNA gyrase, A subunit							
					9.500	37.500	19.9746	37.5000								
SGO_1232	0.085	10.720	0.0113	0.0108	234.000	398.500	431.5381	416.3338	L-lactate dehydrogenase							
					207.500	402.000	436.2882	402.0000								
SGO_1234	0.167	10.658	0.0048	0.0016	228.500	368.500	421.3951	384.9913	rpsA; 30S ribosomal protein S1							
					206.000	376.000	433.1343	376.0000								
SGO_1237	0.449	6.187	0.0848	0.2281	7.500	13.500	13.8313	14.1042	hypothetical protein SGO_1237							
					14.000	15.500	29.4363	15.5000								
SGO_1238	-0.343	6.447	0.0305	0.0530	9.000	23.500	16.5976	24.5517	ilvE; branched-chain amino acid aminotransferase							
					10.500	24.000	22.0772	24.0000								
SGO_1239	-1.874	4.994	0.0012	0.0001	2.000	11.500	3.6884	12.0147	parC; DNA topoisomerase IV, A subunit							
					1.500	13.000	3.1539	13.0000								
SGO_1242	0.352	3.887			4.500		8.2988		lipoprotein, putative							
						6.500		6.5000								
SGO_1248	-1.332	5.511	0.0136	0.0148	3.500	19.000	6.4546	19.8503	pyrC; dihydroorotase							
					3.000	13.000	6.3078	13.0000								
SGO_1253	-0.339	6.446	0.0353	0.0668	9.000	22.000	16.5976	22.9846	pyrE; orotate phosphoribosyltransferase							
					10.500	25.500	22.0772	25.5000								
SGO_1260	0.001	7.787	0.2478	0.9628	32.000	51.000	59.0138	53.2824	deoD; purine nucleoside phosphorylase							
					24.500	57.000	51.5135	57.0000								
SGO_1263	-0.766	8.178	0.0100	0.0088	24.000	84.000	44.2603	87.7592	purine nucleoside phosphorylase I, inosine and guanosine-specific							
					30.500	93.500	64.1291	93.5000								
SGO_1264	-0.144	9.434	0.1271	0.3944	75.500	177.500	139.2356	185.4436	deoB; phosphopentomutase							
					91.000	175.500	191.3360	175.5000								

 Show detected proteins only Show all proteinsProteins found:
627 Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1265	-0.281	7.570	0.0190	0.0257	21.500	48.000	39.6499	50.1481	rpiA; ribose 5-phosphate isomerase					
					22.000	54.000	46.2571	54.0000						
SGO_1266	-0.319	5.932	0.0570	0.1353	8.500	18.000	15.6755	18.8055	trmE; tRNA modification GTPase TrmE					
					5.500	15.000	11.5643	15.0000						
SGO_1273	0.084	8.669	0.1635	0.5535	68.500	93.000	126.3263	97.1620	rpoD; RNA polymerase sigma factor					
					40.500	98.500	85.1550	98.5000						
SGO_1276	0.200	7.602	0.0874	0.2374	24.500	39.000	45.1824	40.7453	rpsU; ribosomal protein S21					
					28.000	49.500	58.8726	49.5000						
SGO_1281	-1.109	4.494	0.0665	0.1670		7.500		7.8356	penicillinase repressor, putative					
					2.000	10.500	4.2052	10.5000						
SGO_1283	-0.407	8.123	0.0016	0.0002	32.500	77.500	59.9358	80.9683	oxidoreductase					
					28.500	78.000	59.9239	78.0000						
SGO_1284	-0.029	5.586	0.1982	0.7089	5.500	17.000	10.1430	17.7608	thioredoxin-disulfide reductase					
					6.000	7.500	12.6156	7.5000						
SGO_1293	-0.362	7.357	0.0731	0.1879	15.000	46.500	27.6627	48.5810	asnS; asparaginyl-tRNA synthetase					
					21.500	42.500	45.2058	42.5000						
SGO_1297	0.120	6.240	0.0340	0.0635	10.500	16.500	19.3639	17.2384	aspC; aspartate aminotransferase					
					9.500	19.000	19.9746	19.0000						
SGO_1305	-0.947	5.196	0.0053	0.0026	4.000	11.500	7.3767	12.0147	substrate-binding protein MsmE					
					2.500	12.000	5.2565	12.0000						
SGO_1312	-0.574	7.684	0.0079	0.0057	25.000	60.000	46.1045	62.6851	pepT; peptidase T					
					17.500	60.000	36.7954	60.0000						
SGO_1323	0.733	7.891	0.0043	0.0012	41.500	39.500	76.5335	41.2677	rpsP; ribosomal protein S16					
					34.000	48.000	71.4882	48.0000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1327	-0.917	5.317	0.0026	0.0005	3.500	12.000	6.4546	12.5370	3.500	13.500	7.3591	13.5000	HAD-superfamily subfamily IIA hydrolase, TIGR01457							
SGO_1336	-0.793	5.338	0.0073	0.0051	3.500	13.000	6.4546	13.5818	4.000	12.000	8.4104	12.0000	pcrA; ATP-dependent DNA helicase PcrA							
SGO_1339	-0.104	11.699	0.0426	0.0899	454.000	803.500	837.2577	839.4586	364.500	882.500	766.3954	882.5000	pyk; pyruvate kinase							
SGO_1340	-0.128	9.949	0.0114	0.0111	124.500	246.000	229.6004	257.0091	115.500	259.000	242.8496	259.0000	Phosphofructokinase							
SGO_1342	0.066	9.004	0.1095	0.3209	71.000	128.000	130.9368	133.7283	62.500	117.500	131.4121	117.5000	ABC transporter, ATP-binding protein SP1715							
SGO_1364	-2.148	5.375	0.0143	0.0158		17.500		18.2832	2.000	19.000	4.2052	19.0000	rumA-2; 23S rRNA (uracil-5-)-methyltransferase Ruma							
SGO_1365	0.541	3.376	0.1526	0.4924		4.000		4.1790	2.000	2.000	4.2052	2.0000	transcription regulator yrfE							
SGO_1369	-0.910	4.724	0.0565	0.1337	3.000	9.000	5.5325	9.4028		11.500		11.5000	L-2-hydroxyisocaproate dehydrogenase							
SGO_1370	0.392	6.928	0.0178	0.0228	17.500	27.500	32.2731	28.7307	17.500	24.000	36.7954	24.0000	Protein of unknown function (DUF964) superfamily							
SGO_1372	-0.629	5.106	0.0352	0.0663		12.000		12.5370	4.000	13.500	8.4104	13.5000	aroC; chorismate synthase							
SGO_1373	-0.318	4.272	0.0284	0.0487	3.000	6.500	5.5325	6.7909		7.000		7.0000	aroB; 3-dehydroquinate synthase							
SGO_1375	-0.556	5.207	0.1164	0.3516	5.000	16.000	9.2209	16.7160		11.000		11.0000	aroD; 3-dehydroquinate dehydratase, type I							

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1377	-1.576	5.577	0.0051	0.0025	4.500	16.500	8.2988	17.2384	sulfatase							
					2.000	18.000	4.2052	18.0000								
SGO_1381	-0.400	5.525	0.0533	0.1243	5.500	10.000	10.1430	10.4475	csn1; CRISPR-associated protein, Csn1 family							
					4.500	16.000	9.4617	16.0000								
SGO_1383	0.121	8.897	0.0576	0.1374	65.500	102.000	120.7938	106.5647	rplS; ribosomal protein L19							
					60.500	122.000	127.2069	122.0000								
SGO_1390	0.065	4.991	0.1897	0.6735	5.500	8.000	10.1430	8.3580	ligA; DNA ligase, NAD-dependent							
					3.000	7.000	6.3078	7.0000								
SGO_1397	-0.516	6.352	0.0165	0.0202	8.500	25.500	15.6755	26.6412	map; methionine aminopeptidase, type I							
					8.500	21.500	17.8720	21.5000								
SGO_1400	-0.450	5.155	0.1586	0.5277	6.500	10.000	11.9872	10.4475	murA-2; UDP-N-acetylglucosamine 1-carboxyvinyltransferase							
					2.000	9.000	4.2052	9.0000								
SGO_1414	1.446	4.504	0.0057	0.0031	5.000	2.500	9.2209	2.6119	rexB; putative exonuclease RexB							
					3.500	3.500	7.3591	3.5000								
SGO_1422	0.752	6.562	0.0229	0.0351	13.000	17.000	23.9743	17.7608	hypothetical protein SGO_1422							
					17.000	17.000	35.7441	17.0000								
SGO_1426	0.293	14.775	0.0037	0.0009	4114.000	5900.500	7586.9564	6164.5617	eno; enolase							
					3729.500	6433.500	7841.6227	6433.5000								
SGO_1431	-0.341	8.748	0.0026	0.0005	51.500	117.500	94.9753	122.7584	EzrA; Septation ring formation regulator ezrA							
					45.000	117.500	94.6167	117.5000								
SGO_1432	-0.502	7.053	0.0667	0.1681	19.500	31.000	35.9615	32.3873	gyrB; DNA gyrase, B subunit							
					9.500	44.500	19.9746	44.5000								
SGO_1434	-0.345	3.738	0.1566	0.5087	2.000	3.500	3.6884	3.6566	thiJ; 4-methyl-5(beta-hydroxyethyl)-thiazole monophosphate synthesis protein							
						6.000		6.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1439	0.801	5.885	0.0103	0.0094	9.000	11.000	16.5976	11.4923	ftsX; cell division protein FtsX					
					10.000	10.000	21.0259	10.0000						
SGO_1440	-0.761	6.532	0.0017	0.0002	9.500	27.000	17.5197	28.2083	cell-division ATP-binding protein FtsE					
					8.000	30.000	16.8207	30.0000						
SGO_1441	-0.331	6.072	0.1586	0.5279	11.500	13.500	21.2081	14.1042	prfB; peptide chain release factor 2					
					4.500	22.500	9.4617	22.5000						
SGO_1446	-2.303	5.644	0.0026	0.0006	3.000	18.500	5.5325	19.3279	murF; UDP-N-acetylmuramoyl-tripeptide--D-alanyl-D-alanine ligase					
					1.500	22.000	3.1539	22.0000						
SGO_1447	-0.928	6.423	0.0057	0.0032	8.000	29.500	14.7534	30.8202	ddlA; D-Ala-D-Ala ligase					
					7.000	25.500	14.7182	25.5000						
SGO_1450	-0.361	5.099	0.2139	0.7870	2.000	10.500	3.6884	10.9699	hypothetical protein SGO_1450					
					6.000	7.000	12.6156	7.0000						
SGO_1451	0.752	7.695	0.0032	0.0008	33.500	37.000	61.7800	38.6558	frr; ribosome recycling factor					
					32.500	38.500	68.3343	38.5000						
SGO_1452	-0.243	7.184	0.0848	0.2275	17.500	45.500	32.2731	47.5362	pyrH; uridylate kinase					
					16.000	32.000	33.6415	32.0000						
SGO_1453	0.282	5.393	0.1618	0.5445	10.000	11.500	18.4418	12.0147	glycosyl transferase, family 8 SP1766					
					5.500		11.5643							
SGO_1455	-0.007	10.022	0.2492	0.9697	117.500	208.000	216.6911	217.3085	rplA; ribosomal protein L1					
					143.500	304.000	301.7222	304.0000						
SGO_1456	0.777	8.133	0.0094	0.0079	45.500	41.500	83.9102	43.3572	rplK; ribosomal protein L11					
					44.000	61.000	92.5141	61.0000						
SGO_1458	0.287	3.299	0.1503	0.4830	2.000	3.500	3.6884	3.6566	aha1; cation-transporting ATPase yfgQ					
						2.500		2.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1460	-0.608	4.901	0.0251	0.0404	4.000	11.000	7.3767	11.4923	DNA translocase ftsK							
						11.000		11.0000								
SGO_1463	-0.139	5.848	0.1013	0.2915	8.000	16.000	14.7534	16.7160	peptidyl-prolyl cis-trans isomerase							
					6.000	13.500	12.6156	13.5000								
SGO_1464	-0.793	5.996	0.0050	0.0018	7.000	20.000	12.9093	20.8950	uncharacterized probable metal-binding protein							
					5.000	19.500	10.5130	19.5000								
SGO_1465	-0.686	6.485	0.0158	0.0184	10.000	30.000	18.4418	31.3426	ABC transporter, ATP-binding protein SP0770							
					7.500	24.000	15.7695	24.0000								
SGO_1469	-0.052	7.514	0.1588	0.5306	22.500	43.000	41.4940	44.9244	glmU; UDP-N-acetylglucosamine pyrophosphorylase							
					23.000	48.000	48.3597	48.0000								
SGO_1472	-0.828	3.906	0.1256	0.3862		7.500		7.8356	acetyltransferase, GNAT family							
					1.500	4.000	3.1539	4.0000								
SGO_1516	-0.925	5.776	0.0172	0.0219	5.000	14.000	9.2209	14.6265	lacD-2; tagatose 1,6-diphosphate aldolase							
					4.500	21.500	9.4617	21.5000								
SGO_1530	-0.402	7.851	0.0073	0.0049	26.000	66.000	47.9487	68.9537	methionine-tRNA ligase							
					24.500	62.500	51.5135	62.5000								
SGO_1531	-0.715	5.962	0.0212	0.0304	5.000	20.000	9.2209	20.8950	xth; exodeoxyribonuclease III							
					7.000	17.500	14.7182	17.5000								
SGO_1534	0.195	5.182	0.2345	0.8886		15.500		16.1937	ArsC family							
					6.000	7.500	12.6156	7.5000								
SGO_1536	-0.779	5.622	0.0396	0.0794	4.000	19.000	7.3767	19.8503	conserved hypothetical protein TIGR00096							
					5.000	11.500	10.5130	11.5000								
SGO_1539	0.084	6.150	0.1727	0.5986	8.000	15.000	14.7534	15.6713	tmk; thymidylate kinase							
					10.500	18.500	22.0772	18.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_1541	-0.596	5.759	0.0271	0.0458	4.500	15.500	8.2988	16.1937	atpC; ATP synthase F1, epsilon subunit					
					6.500	16.000	13.6669	16.0000						
SGO_1542	-0.014	9.171	0.2260	0.8480	73.000	134.000	134.6251	139.9968	atpD; ATP synthase F1, beta subunit					
					72.500	149.500	152.4380	149.5000						
SGO_1543	-1.264	5.625	0.0026	0.0005	4.500	17.000	8.2988	17.7608	atpG; ATP synthase F1, gamma subunit					
					3.000	17.000	6.3078	17.0000						
SGO_1544	0.051	9.229	0.1101	0.3231	79.000	137.500	145.6902	143.6535	atpA; ATP synthase F1, alpha subunit					
					76.000	151.000	159.7971	151.0000						
SGO_1545	-0.805	5.751	0.0010	0.0001	5.500	16.500	10.1430	17.2384	atpH; ATP synthase F1, delta subunit					
					4.500	17.000	9.4617	17.0000						
SGO_1546	-0.137	6.983	0.1164	0.3521	16.500	37.000	30.4290	38.6558	atpF; ATP synthase F0, B subunit					
					14.000	28.000	29.4363	28.0000						
SGO_1550	-0.554	7.392	0.0092	0.0072	16.500	49.500	30.4290	51.7152	glgP-1; glycogen phosphorylase					
					18.000	48.000	37.8467	48.0000						
SGO_1551	-0.272	5.395	0.1285	0.4007	4.000	14.000	7.3767	14.6265	glgA; Glycogen synthase					
					5.500	8.500	11.5643	8.5000						
SGO_1552	0.226	7.345	0.1627	0.5498	27.500	47.000	50.7149	49.1034	glgD; glucose-1-phosphate adenylyltransferase, GlgD subunit					
					17.000	27.000	35.7441	27.0000						
SGO_1553	-0.314	7.391	0.0050	0.0021	19.500	45.000	35.9615	47.0139	glgC; glucose-1-phosphate adenylyltransferase					
					18.500	46.000	38.8980	46.0000						
SGO_1554	-0.014	7.510	0.2269	0.8526	23.000	44.500	42.4161	46.4915	glgB; 1,4-alpha-glucan branching enzyme					
					23.000	45.000	48.3597	45.0000						
SGO_1555	-0.372	10.552	0.0100	0.0088	163.500	410.000	301.5234	428.3485	ptsI; phosphoenolpyruvate-protein phosphotransferase					
					168.500	417.500	354.2870	417.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1556	0.890	11.617	0.0158	0.0186	467.500	455.500	862.1541	475.8847	phosphocarrier protein HPr							
					561.500	622.500	1180.6063	622.5000								
SGO_1558	-0.072	8.045	0.0087	0.0065	34.500	64.500	63.6242	67.3865	nrdE; ribonucleoside-diphosphate reductase large chain							
					31.000	68.000	65.1804	68.0000								
SGO_1559	0.143	8.182	0.0200	0.0282	41.000	69.000	75.6114	72.0879	ribonucleoside-diphosphate reductase, beta subunit							
					36.500	66.000	76.7447	66.0000								
SGO_1570	-0.417	8.885	0.0185	0.0248	50.000	139.500	92.2090	145.7430	alaS; alanyl-tRNA synthetase							
					52.500	124.500	110.3862	124.5000								
SGO_1574	-0.272	8.868	0.0050	0.0020	55.500	123.500	102.3520	129.0269	pepF-1; oligoendopeptidase F							
					52.000	126.500	109.3349	126.5000								
SGO_1580	-0.150	5.058	0.1529	0.4943	3.500	9.000	6.4546	9.4028	PTS system, Lactose/Cellobiose specific IIB subunit							
					4.500	8.000	9.4617	8.0000								
SGO_1585	0.456	3.557	0.2327	0.8803		1.500		1.5671	D-Alanyl-D-Alanine carboxypeptidase							
					2.000	6.000	4.2052	6.0000								
SGO_1587	-0.654	5.537	0.0426	0.0902	5.000	17.500	9.2209	18.2832	queA; S-adenosylmethionine:tRNA ribosyltransferase-isomerase							
					4.000	10.500	8.4104	10.5000								
SGO_1591	-0.291	5.239	0.0865	0.2333	4.500	12.500	8.2988	13.0594	arcC; carbamate kinase							
					4.000	8.000	8.4104	8.0000								
SGO_1592	0.316	8.455	0.0271	0.0457	58.500	74.500	107.8845	77.8341	arcB; ornithine carbamoyltransferase							
					41.500	78.000	87.2576	78.0000								
SGO_1593	0.493	8.251	0.0030	0.0007	47.500	58.000	87.5985	60.5956	arcA; arginine deiminase							
					43.000	66.000	90.4115	66.0000								
SGO_1599	-0.140	9.050	0.0520	0.1195	73.000	127.500	134.6251	133.2059	sodA; manganese-dependent superoxide dismutase							
					56.000	144.500	117.7452	144.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1604	-0.886	3.902	0.0769	0.2010		6.500		6.7909	acyltransferase family protein							
					1.500	5.000	3.1539	5.0000								
SGO_1605	-1.322	4.245	0.0396	0.0791		7.000		7.3133	P-type ATPase, metal cation transport							
					1.500	8.500	3.1539	8.5000								
SGO_1609	-0.173	7.225	0.0366	0.0712	20.500	37.000	37.8057	38.6558	ATP-dependent RNA helicase, DEAD/DEAH box family							
					15.500	40.500	32.5902	40.5000								
SGO_1617	-0.226	5.887	0.1256	0.3856	6.500	11.000	11.9872	11.4923	prfC; peptide chain release factor 3							
					7.000	21.000	14.7182	21.0000								
SGO_1619	-0.025	8.040	0.2193	0.8120	38.000	73.000	70.0788	76.2669	cation-transporting ATPase, E1-E2 family							
					28.500	57.000	59.9239	57.0000								
SGO_1621	-1.273	4.429	0.0358	0.0691	2.000	8.000	3.6884	8.3580	HD domain protein							
						9.500		9.5000								
SGO_1622	0.319	5.077	0.0728	0.1866	4.000	7.000	7.3767	7.3133	Cof family protein							
					5.500	7.500	11.5643	7.5000								
SGO_1623	-0.623	5.081	0.0248	0.0397	4.500	12.500	8.2988	13.0594	murM; MurM							
						12.500		12.5000								
SGO_1624	0.326	4.258	0.0656	0.1623		6.000		6.2685	murN; MurN protein							
					3.500	5.500	7.3591	5.5000								
SGO_1625	-0.898	6.496	0.0094	0.0077	10.500	29.000	19.3639	30.2978	acetoin utilization putative/CBS domain protein							
					6.000	28.000	12.6156	28.0000								
SGO_1626	-0.006	6.193	0.2367	0.9031	9.500	16.000	17.5197	16.7160	branched-chain amino acid ABC transporter, ATP-binding protein							
					9.000	20.000	18.9233	20.0000								
SGO_1627	0.065	6.204	0.1828	0.6418	12.000	18.500	22.1302	19.3279	branched-chain amino acid ABC transporter, ATP-binding protein							
					7.500	16.500	15.7695	16.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1630	-0.444	9.189	0.0012	0.0001	68.500	162.000	126.3263	169.2499	57.500	167.000	120.8991	167.0000	branched-chain amino acid ABC transporter, amino acid-binding protein							
SGO_1632	0.618	7.022	0.0768	0.1997	12.500	22.500	23.0522	23.5069	28.000	24.500	58.8726	24.5000	clpP; ATP-dependent Clp protease, proteolytic subunit ClpP							
SGO_1633	-0.097	7.949	0.1841	0.6500	38.500	60.000	71.0009	62.6851	23.500	64.000	49.4109	64.0000	upp; uracil phosphoribosyltransferase							
SGO_1648	-0.261	9.108	0.0541	0.1270	70.500	124.500	130.0147	130.0717	57.000	172.000	119.8478	172.0000	ppx1; inorganic pyrophosphatase, manganese-dependent							
SGO_1649	0.029	3.498	0.2429	0.9375	2.000	2.500	3.6884	2.6119		5.000		5.0000	act; pyruvate formate-lyase-activating enzyme							
SGO_1652	-0.197	6.691	0.0007	0.0000	13.000	26.500	23.9743	27.6859	11.500	27.500	24.1798	27.5000	intracellular glycosyl hydrolase							
SGO_1653	-0.301	7.020	0.1579	0.5204	10.500	32.500	19.3639	33.9545	19.500	35.500	41.0006	35.5000	trehalose PTS enzyme II							
SGO_1666	-1.505	5.335	0.0052	0.0026	3.500	15.500	6.4546	16.1937	2.000	13.500	4.2052	13.5000	trkA; potassium uptake protein, Trk family							
SGO_1669	0.006	6.372	0.2463	0.9553	11.000	22.500	20.2860	23.5069	10.000	18.000	21.0259	18.0000	ribosomal large subunit pseudouridine synthase B							
SGO_1675	-0.161	5.315	0.1661	0.5658	4.000	8.500	7.3767	8.8804	5.500	12.000	11.5643	12.0000	HAM1 protein-like protein							
SGO_1676	-0.645	5.659	0.0113	0.0108	4.500	14.500	8.2988	15.1489	5.500	15.500	11.5643	15.5000	murI; glutamate racemase							
SGO_1678	-0.523	4.291	0.1651	0.5609	2.500	10.500	4.6104	10.9699		4.000		4.0000	lysA; diaminopimelate decarboxylase							

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1679	-0.165	9.433	0.0933	0.2616	82.000	198.000	151.2228	206.8610	phosphotransferase system enzyme II							
					82.500	159.500	173.4640	159.5000								
SGO_1680	0.823	5.498	0.0228	0.0348	11.500	11.000	21.2081	11.4923	phosphotransferase system enzyme II							
						12.500		12.5000								
SGO_1681	0.003	8.594	0.2354	0.8967	46.000	93.000	84.8323	97.1620	PTS system, mannose/fructose/sorbose family, IID component							
					52.000	95.000	109.3349	95.0000								
SGO_1683	-0.191	7.970	0.0457	0.0994	34.500	67.000	63.6242	69.9984	serS; seryl-tRNA synthetase							
					25.500	63.500	53.6161	63.5000								
SGO_1684	0.009	6.534	0.2382	0.9134	11.000	24.000	20.2860	25.0741	acyl-CoA dehydrogenase family							
					12.500	21.000	26.2824	21.0000								
SGO_1685	0.271	8.571	0.0582	0.1392	65.500	84.000	120.7938	87.7592	putative peroxidase / antioxidant							
					42.000	83.500	88.3089	83.5000								
SGO_1687	0.153	7.586	0.0385	0.0760	28.000	46.500	51.6370	48.5810	accA; acetyl-CoA carboxylase, carboxyl transferase, alpha subunit							
					23.500	42.500	49.4109	42.5000								
SGO_1688	-0.983	5.513	0.0057	0.0032	5.000	14.500	9.2209	15.1489	accD; acetyl-CoA carboxylase, carboxyl transferase, beta subunit							
					3.000	15.000	6.3078	15.0000								
SGO_1689	-0.110	7.385	0.0381	0.0748	22.500	40.000	41.4940	41.7901	accC; acetyl-CoA carboxylase, biotin carboxylase							
					18.500	45.000	38.8980	45.0000								
SGO_1690	-1.456	5.603	0.0713	0.1821	4.000	16.000	7.3767	16.7160	fabZ; beta-hydroxyacyl-(acyl-carrier-protein) dehydratase FabZ							
						24.500		24.5000								
SGO_1691	-0.614	8.006	0.0102	0.0092	24.000	77.500	44.2603	80.9683	accB; acetyl-CoA carboxylase, biotin carboxyl carrier protein							
					27.500	74.000	57.8213	74.0000								
SGO_1692	-0.472	9.471	0.0019	0.0003	78.000	196.000	143.8460	204.7715	3-oxoacyl-[acyl-carrier-protein] synthase							
					73.000	207.500	153.4893	207.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1693	-0.542	6.773	0.0397	0.0812	15.500	32.500	28.5848	33.9545	fabG; 3-oxoacyl-(acyl-carrier-protein) reductase							
					8.000	30.000	16.8207	30.0000								
SGO_1694	-0.793	6.806	0.0204	0.0291	14.000	30.000	25.8185	31.3426	fabD; malonyl CoA-acyl carrier protein transacylase							
					7.500	39.000	15.7695	39.0000								
SGO_1695	-0.487	9.411	0.0306	0.0534	88.500	212.000	163.2099	221.4875	enoyl-acyl carrier protein(ACP) reductase							
					57.500	175.000	120.8991	175.0000								
SGO_1699	-0.663	4.951	0.0888	0.2445		13.000		13.5818	transcriptional regulator, MarR family							
					3.500	10.000	7.3591	10.0000								
SGO_1700	-1.291	5.028	0.0264	0.0438	3.000	13.500	5.5325	14.1042	enoyl-CoA hydratase/isomerase family protein							
						13.000		13.0000								
SGO_1701	-0.447	7.468	0.0184	0.0246	17.500	49.000	32.2731	51.1929	aspartate kinase							
					20.500	50.500	43.1032	50.5000								
SGO_1708	-0.248	8.165	0.0330	0.0603	32.500	70.500	59.9358	73.6550	amiF; Oligopeptide transport ATP-binding protein amiF							
					34.000	82.000	71.4882	82.0000								
SGO_1709	-0.168	8.469	0.1043	0.3029	39.000	83.500	71.9230	87.2368	amiE; Oligopeptide transport ATP-binding protein							
					45.500	99.500	95.6680	99.5000								
SGO_1710	0.468	5.086	0.0227	0.0342	5.500	8.000	10.1430	8.3580	amiD; Oligopeptide transport system permease protein							
					4.500	6.000	9.4617	6.0000								
SGO_1711	0.231	7.297	0.0594	0.1436	20.000	33.500	36.8836	34.9992	hppB; Oligopeptide transport system permease							
					23.000	37.000	48.3597	37.0000								
SGO_1712	0.242	10.111	0.0051	0.0024	167.000	243.000	307.9781	253.8748	hppA; oligopeptide-binding lipoprotein							
					138.500	252.500	291.2092	252.5000								
SGO_1713	0.244	9.467	0.0073	0.0050	101.500	160.000	187.1843	167.1604	hppG; oligopeptide-binding lipoprotein							
					93.500	157.000	196.5925	157.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios					
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4
SGO_1715	0.004	8.157	0.2404	0.9264	36.500	66.000	67.3126	68.9537	hppH; oligopeptide-binding lipoprotein						
					36.000	73.500	75.6934	73.5000							
SGO_1716	0.121	8.584	0.1586	0.5254	70.500	90.000	130.0147	94.0277	oligopeptide binding protein						
					35.000	86.000	73.5908	86.0000							
SGO_1718	-0.288	6.851	0.1156	0.3481	10.500	31.500	19.3639	32.9097	sufB-1; FeS assembly protein SufB						
					16.000	29.500	33.6415	29.5000							
SGO_1720	-1.053	5.634	0.0073	0.0051	5.500	15.500	10.1430	16.1937	aminotransferase, class-V						
					3.000	17.000	6.3078	17.0000							
SGO_1721	-0.178	7.092	0.0300	0.0521	17.000	32.500	31.3511	33.9545	sufD; FeS assembly protein SufD						
					15.500	38.500	32.5902	38.5000							
SGO_1722	-0.328	6.304	0.1360	0.4258	6.500	19.000	11.9872	19.8503	sufC; FeS assembly ATPase SufC						
					11.500	23.000	24.1798	23.0000							
SGO_1727	-0.089	6.612	0.1273	0.3962	12.000	22.000	22.1302	22.9846	amino acid ABC transporter, amino acid-binding/permease protein						
					12.000	27.500	25.2311	27.5000							
SGO_1728	0.361	6.099	0.0393	0.0781	10.500	17.000	19.3639	17.7608	glnQ; glutamine ABC transporter ATP-binding protein						
					9.000	12.500	18.9233	12.5000							
SGO_1729	-0.556	6.362	0.0426	0.0903	11.500	20.500	21.2081	21.4174	hypothetical protein SGO_1729						
					6.000	27.000	12.6156	27.0000							
SGO_1730	0.232	8.334	0.0701	0.1788	45.000	60.500	82.9881	63.2075	SPFH domain/Band 7 family						
					43.000	86.000	90.4115	86.0000							
SGO_1731	-0.354	5.984	0.0428	0.0909	7.000	14.500	12.9093	15.1489	DNA-binding response regulator						
					7.000	20.500	14.7182	20.5000							
SGO_1735	-0.312	8.854	0.0071	0.0047	59.000	123.500	108.8066	129.0269	hypothetical protein SGO_1735						
					46.500	127.000	97.7706	127.0000							

 Show detected proteins only Show all proteinsProteins found:
627 Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1736	-1.070	5.272	0.0656	0.1608	4.000	17.000	7.3767	17.7608	alkaline shock protein							
						13.500		13.5000								
SGO_1745	0.286	12.325	0.0441	0.0943	665.500	1075.000	1227.3018	1123.1089	fba; fructose-1,6-bisphosphate aldolase, class II							
					762.000	1177.500	1602.1763	1177.5000								
SGO_1747	1.483	3.270	0.0461	0.1009	3.000	2.500	5.5325	2.6119	hypothetical protein SGO_1747							
						1.500		1.5000								
SGO_1748	-0.504	5.487	0.0660	0.1637	6.000	9.500	11.0651	9.9251	pyrG; CTP synthase							
					3.500	16.500	7.3591	16.5000								
SGO_1749	-0.974	6.290	0.0133	0.0144	8.000	21.000	14.7534	21.9398	manA; mannose-6-phosphate isomerase, class I							
					5.500	30.000	11.5643	30.0000								
SGO_1755	-0.613	7.025	0.0163	0.0196	13.000	42.500	23.9743	44.4020	scrK; fructokinase							
					13.000	34.500	27.3337	34.5000								
SGO_1757	-0.650	8.174	0.0050	0.0019	28.000	82.000	51.6370	85.6697	glmS; glucosamine--fructose-6-phosphate aminotransferase							
					29.000	90.500	60.9752	90.5000								
SGO_1763	0.094	7.454	0.1393	0.4415	25.000	36.000	46.1045	37.6111	ABC transporter, substrate-binding protein SP0092							
					21.000	47.500	44.1545	47.5000								
SGO_1774	0.361	5.406	0.0878	0.2411	5.000	10.500	9.2209	10.9699	alcohol dehydrogenase, zinc-containing							
					7.000	7.500	14.7182	7.5000								
SGO_1784	0.226	8.242	0.0100	0.0089	44.000	70.000	81.1439	73.1327	leuS; leucyl-tRNA synthetase							
					39.000	66.500	82.0011	66.5000								
SGO_1799	-0.270	8.319	0.0358	0.0694	44.000	80.500	81.1439	84.1026	endopeptidase O							
					30.500	90.000	64.1291	90.0000								
SGO_1800	-0.676	6.165	0.0092	0.0071	6.500	22.000	11.9872	22.9846	troB; manganese ABC transporter, ATP-binding protein SP1648							
					7.500	21.000	15.7695	21.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1802	-0.634	8.464	0.0272	0.0462	43.000	119.500	79.2997	124.8479												
					28.000	90.000	58.8726	90.0000												
SGO_1803	-0.115	6.871	0.1727	0.5975	12.500	29.500	23.0522	30.8202												
					16.000	29.500	33.6415	29.5000												
SGO_1805	-1.458	6.549	0.0146	0.0165	9.500	38.000	17.5197	39.7006												
					4.000	28.000	8.4104	28.0000												
SGO_1806	-0.584	5.473	0.0226	0.0335	4.000	11.500	7.3767	12.0147												
					5.000	14.500	10.5130	14.5000												
SGO_1808	1.477	4.890	0.0163	0.0196	4.500	4.000	8.2988	4.1790												
					6.500	3.500	13.6669	3.5000												
SGO_1811	-0.913	4.325	0.0131	0.0141		7.500		7.8356												
					2.000	8.000	4.2052	8.0000												
SGO_1822	-0.149	4.569	0.0583	0.1398	4.000	8.000	7.3767	8.3580												
						8.000		8.0000												
SGO_1824	-0.476	5.675	0.0116	0.0115	6.500	14.000	11.9872	14.6265												
					4.500	15.000	9.4617	15.0000												
SGO_1828	0.472	3.741	0.1647	0.5585		2.500		2.6119												
					2.500	5.500	5.2565	5.5000												
SGO_1834	0.489	7.108	0.0493	0.1104	22.500	35.500	41.4940	37.0887												
					18.000	21.500	37.8467	21.5000												
SGO_1835	1.837	4.414	0.0114	0.0111		3.500		3.6566												
					6.500	4.000	13.6669	4.0000												
SGO_1843	-0.059	7.934	0.1835	0.6466	29.500	67.000	54.4033	69.9984												
					31.000	55.000	65.1804	55.0000												

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1844	-1.041	5.171	0.0100	0.0089	2.500	12.500	4.6104	13.0594	cbxX/cfqX family protein							
					3.500	11.000	7.3591	11.0000								
SGO_1847	-0.863	4.872	0.0339	0.0631		10.500		10.9699	polC; DNA polymerase III, alpha subunit, Gram-positive type							
					3.000	12.000	6.3078	12.0000								
SGO_1848	-0.036	4.690	0.2404	0.9247	2.500	6.500	4.6104	6.7909	lipoprotein, putative							
					4.000	6.000	8.4104	6.0000								
SGO_1851	-0.011	8.612	0.2296	0.8672	55.500	99.500	102.3520	103.9529	proS; prolyl-tRNA synthetase							
					44.000	92.500	92.5141	92.5000								
SGO_1852	0.033	4.627	0.2454	0.9485	4.500	9.000	8.2988	9.4028	membrane-associated zinc metalloprotease, putative							
						7.000		7.0000								
SGO_1854	0.121	5.798	0.1989	0.7144	6.000	16.000	11.0651	16.7160	uppS; undecaprenyl diphosphate synthase							
					8.500	10.000	17.8720	10.0000								
SGO_1856	0.023	5.751	0.2247	0.8416	8.500	14.000	15.6755	14.6265	ATP-dependent proteinase ATP-binding chain							
					5.500	12.000	11.5643	12.0000								
SGO_1860	-0.414	7.507	0.0146	0.0165	19.500	53.000	35.9615	55.3719	5'-nucleotidase, lipoprotein e(P4) family							
					20.000	48.500	42.0519	48.5000								
SGO_1861	-1.866	4.710	0.0246	0.0386		11.500		12.0147	nusB; transcription antitermination factor NusB							
					1.500	11.000	3.1539	11.0000								
SGO_1862	0.067	6.752	0.0956	0.2722	14.500	26.500	26.7406	27.6859	alkaline shock protein							
					13.500	25.000	28.3850	25.0000								
SGO_1863	-0.035	8.179	0.1094	0.3198	40.000	69.000	73.7672	72.0879	efp; Elongation factor P (EF-P)							
					33.000	74.500	69.3856	74.5000								
SGO_1864	-0.032	7.000	0.2382	0.9116	22.500	30.000	41.4940	31.3426	X-Pro aminopeptidase							
					11.000	32.000	23.1285	32.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1865	-0.582	5.878	0.0007	0.0000	6.500	17.000	11.9872	17.7608	uvrA; excinuclease ABC, A subunit											
					5.500	17.500	11.5643	17.5000												
SGO_1866	1.334	3.687			5.000	3.500	9.2209	3.6566	corA; magnesium and cobalt transporter											
SGO_1867	0.335	7.252	0.0477	0.1060	27.000	31.500	49.7929	32.9097	hypothetical protein SGO_1867											
					17.000	34.000	35.7441	34.0000												
SGO_1879	0.215	7.603	0.0228	0.0348	27.500	46.000	50.7149	48.0586	rpsR; ribosomal protein S18											
					25.500	42.000	53.6161	42.0000												
SGO_1880	-0.388	8.214	0.0069	0.0045	35.500	76.500	65.4684	79.9236	ssb-1; single-strand binding protein											
					30.000	88.500	63.0778	88.5000												
SGO_1881	-0.231	9.505	0.0656	0.1618	95.500	214.000	176.1192	223.5770	rpsF; ribosomal protein S6											
					74.500	170.000	156.6432	170.0000												
SGO_1882	-1.092	5.641	0.0125	0.0131	4.000	13.500	7.3767	14.1042	folE; GTP cyclohydrolase I											
					4.000	20.000	8.4104	20.0000												
SGO_1885	-0.214	9.596	0.0050	0.0022	94.500	200.000	174.2750	208.9505	groL; 60 kDa chaperonin/groEL protein											
					87.500	206.500	183.9769	206.5000												
SGO_1886	-0.844	5.401	0.0466	0.1028	3.000	17.000	5.5325	17.7608	groES; chaperonin, 10 kDa											
					4.500	9.500	9.4617	9.5000												
SGO_1892	-0.259	5.592	0.1219	0.3717	7.500	11.000	13.8313	11.4923	PTS system, fructose(mannose)-specific IIB											
					4.000	14.500	8.4104	14.5000												
SGO_1898	-0.675	7.534	0.0026	0.0006	20.500	53.500	37.8057	55.8943	glutamyl aminopeptidase											
					16.000	58.000	33.6415	58.0000												
SGO_1901	-0.352	6.462	0.0503	0.1141	10.000	28.000	18.4418	29.2531	tRNA binding domain											
					9.500	20.500	19.9746	20.5000												

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1902	-0.339	9.940	0.0402	0.0826	131.000	291.000	241.5876	304.0230	ssb; single-stranded DNA-binding protein							
					91.500	244.500	192.3873	244.5000								
SGO_1903	0.056	7.626	0.1705	0.5878	24.000	44.500	44.2603	46.4915	ATP-dependent Zn protease							
					27.000	50.000	56.7700	50.0000								
SGO_1914	0.052	3.628	0.2193	0.8139		3.500		3.6566	folP; dihydropteroate synthase							
					2.000	4.500	4.2052	4.5000								
SGO_1916	-0.106	8.144	0.0163	0.0194	38.000	70.500	70.0788	73.6550	ackA; acetate kinase							
					31.500	73.000	66.2317	73.0000								
SGO_1917	0.042	5.049	0.2247	0.8395	4.500	9.000	8.2988	9.4028	hypothetical protein SGO_1917							
					4.000	7.000	8.4104	7.0000								
SGO_1924	-0.471	6.528	0.0494	0.1109	8.500	21.500	15.6755	22.4622	comYA; competence protein comYA							
					11.000	31.000	23.1285	31.0000								
SGO_1926	0.039	10.167	0.0956	0.2716	153.500	277.000	283.0816	289.3964	rpoC; DNA-directed RNA polymerase, beta chain							
					142.500	277.500	299.6196	277.5000								
SGO_1927	0.150	9.994	0.0423	0.0883	135.500	228.000	249.8864	238.2036	rpoB; DNA-directed RNA polymerase, beta subunit							
					136.500	244.500	287.0040	244.5000								
SGO_1928	-0.421	4.347	0.0219	0.0317	3.000	7.000	5.5325	7.3133	pbp1b; penicillin-binding protein 1B							
						7.500		7.5000								
SGO_1929	-0.655	9.026	0.0087	0.0065	50.500	164.500	93.1311	171.8618	tyrS; tyrosyl-tRNA synthetase							
					52.000	147.000	109.3349	147.0000								
SGO_1936	-0.550	6.741	0.0107	0.0101	10.500	32.000	19.3639	33.4321	adcA; metal-binding (Mn) permease precursor, lipoprotein							
					11.500	30.000	24.1798	30.0000								
SGO_1958	-0.481	10.205	0.0116	0.0114	122.500	350.000	225.9120	365.6633	rplQ; ribosomal protein L17							
					127.000	321.500	267.0294	321.5000								

 Show detected proteins only Show all proteinsProteins found:
627 Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1959	-0.145	9.035	0.0322	0.0578	66.000	125.000	121.7159	130.5941	rpoA; DNA-directed RNA polymerase, alpha subunit							
					60.500	145.000	127.2069	145.0000								
SGO_1960	0.040	7.986	0.1586	0.5270	36.000	56.500	66.3905	59.0285	rpsK; ribosomal protein S11							
					29.500	66.000	62.0265	66.0000								
SGO_1961	-1.119	9.386	0.0026	0.0006	54.500	231.500	100.5078	241.8602	rpsM; ribosomal protein S13p/S18e							
					52.500	216.500	110.3862	216.5000								
SGO_1962	0.805	5.815	0.0818	0.2172	14.000	11.000	25.8185	11.4923	rpmJ; ribosomal protein L36							
						19.000		19.0000								
SGO_1964	0.384	8.500	0.0076	0.0054	52.500	75.500	96.8194	78.8788	adk; Adenylate kinase (ATP-AMP transphosphorylase)							
					51.500	78.000	108.2836	78.0000								
SGO_1965	0.121	5.444	0.0928	0.2595	6.000	9.000	11.0651	9.4028	Preprotein translocase secY subunit							
					5.500	11.500	11.5643	11.5000								
SGO_1966	-0.081	8.956	0.1835	0.6466	57.500	94.000	106.0403	98.2067	rpLO; ribosomal protein L15							
					63.000	160.000	132.4634	160.0000								
SGO_1967	-0.897	8.463	0.0054	0.0028	29.500	116.000	54.4033	121.1913	50S ribosomal protein L30 -related protein							
					33.000	108.000	69.3856	108.0000								
SGO_1968	-0.439	9.855	0.0048	0.0017	110.500	263.000	203.7819	274.7699	rpsE; ribosomal protein S5							
					90.000	258.000	189.2334	258.0000								
SGO_1969	0.025	10.151	0.0183	0.0240	156.500	270.500	288.6142	282.6055	rplR; ribosomal protein L18							
					135.500	281.000	284.9014	281.0000								
SGO_1970	0.135	9.595	0.1111	0.3304	126.500	178.500	233.2888	186.4883	BL10; 50S ribosomal protein L6							
					82.500	180.000	173.4640	180.0000								
SGO_1971	0.393	10.912	0.0327	0.0590	339.500	411.500	626.0991	429.9156	rpsH; ribosomal protein S8							
					224.500	398.500	472.0323	398.5000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_1973	0.268	9.741	0.0248	0.0399	137.500	189.500	253.5747	197.9806	BL6; 50S ribosomal protein L5							
					102.000	189.500	214.4645	189.5000								
SGO_1974	0.831	8.830	0.0071	0.0046	71.500	74.500	131.8589	77.8341	rplX; ribosomal protein L24							
					76.000	85.500	159.7971	85.5000								
SGO_1975	0.553	8.865	0.0092	0.0073	69.000	92.500	127.2484	96.6396	rplN; ribosomal protein L14							
					71.500	92.000	150.3354	92.0000								
SGO_1976	-0.862	8.785	0.0140	0.0153	51.500	121.500	94.9753	126.9374	BS16; 30S ribosomal protein							
					30.000	156.000	63.0778	156.0000								
SGO_1977	0.361	6.208	0.0684	0.1734	9.000	13.500	16.5976	14.1042	rpmC; ribosomal protein L29							
					12.000	18.000	25.2311	18.0000								
SGO_1978	-0.529	8.605	0.0007	0.0000	42.500	110.500	78.3776	115.4451	rplP; ribosomal protein L16							
					38.500	114.500	80.9499	114.5000								
SGO_1979	0.134	9.307	0.0661	0.1645	82.500	148.000	152.1448	154.6234	rpsC; ribosomal protein S3							
					85.500	147.000	179.7717	147.0000								
SGO_1980	0.323	9.561	0.0094	0.0076	108.000	164.000	199.1714	171.3394	rplV; ribosomal protein L22							
					105.000	164.000	220.7723	164.0000								
SGO_1981	0.140	8.873	0.0680	0.1722	62.000	100.000	114.3392	104.4752	rpsS; ribosomal protein S19							
					62.500	118.500	131.4121	118.5000								
SGO_1982	0.235	8.829	0.0419	0.0871	61.000	107.000	112.4950	111.7885	rplB; ribosomal protein L2							
					63.500	97.000	133.5147	97.0000								
SGO_1983	-0.007	8.326	0.2399	0.9214	38.000	91.000	70.0788	95.0725	rplW; ribosomal protein L23							
					42.500	66.500	89.3602	66.5000								
SGO_1984	0.622	9.793	0.0066	0.0041	136.000	158.000	250.8085	165.0709	rplD; ribosomal protein L4/L1 family							
					136.500	184.000	287.0040	184.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios								
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		SgPgFn	SgPg	-6	-4	-2	0	2	4	6
SGO_1985	-0.307	10.243	0.1025	0.2963	139.000	223.000	256.3410	232.9798					rplC; ribosomal protein L3									
					128.000	453.000	269.1320	453.0000														
SGO_1986	0.546	7.865	0.0050	0.0018	38.500	42.500	71.0009	44.4020					rpsJ; ribosomal protein S10									
					32.000	50.500	67.2830	50.5000														
SGO_1989	0.019	9.834	0.2083	0.7590	117.500	226.500	216.6911	236.6364					purA; adenylosuccinate synthetase									
					115.500	216.500	242.8496	216.5000														
SGO_1990	-0.456	4.657	0.1579	0.5196	3.500	6.000	6.4546	6.2685					glutamate--cysteine ligase, putative/amino acid ligase, putative									
						12.500		12.5000														
SGO_1993	-0.205	6.372	0.1151	0.3438	8.500	22.500	15.6755	23.5069					possible transcriptional regulator									
					11.000	20.500	23.1285	20.5000														
SGO_1998	-0.844	6.394	0.0172	0.0218	9.500	22.000	17.5197	22.9846					clpB; ATP-dependent Clp proteinase, ATP-binding chain									
					6.000	31.000	12.6156	31.0000														
SGO_2000	0.015	10.808	0.2122	0.7760	260.000	437.500	479.4868	457.0792					tsf; translation elongation factor Ts									
					201.000	434.000	422.6213	434.0000														
SGO_2001	0.089	10.507	0.0813	0.2151	191.000	347.500	352.2384	363.0515					rpsB; ribosomal protein S2									
					189.500	341.500	398.4415	341.5000														
SGO_2005	0.722	5.492	0.0219	0.0321	9.000	7.500	16.5976	7.8356					LPXTG cell wall surface protein									
					5.500	9.000	11.5643	9.0000														
SGO_2007	0.063	6.694	0.1174	0.3566	15.000	25.500	27.6627	26.6412					nusG; transcription termination/antitermination factor NusG									
					12.000	24.000	25.2311	24.0000														
SGO_2024	-0.289	5.777	0.0339	0.0630	6.000	13.500	11.0651	14.1042					Extracellular polysaccharide biosynthesis									
					6.500	16.000	13.6669	16.0000														
SGO_2025	-1.332	5.698	0.0123	0.0128	3.000	20.500	5.5325	21.4174					wze; putative autophosphorylating protein tyrosine kinase									
					4.500	15.500	9.4617	15.5000														

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios				
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2
SGO_2033	-0.425	6.565	0.0099	0.0085	10.000	26.500	18.4418	27.6859	nrdD; ribonucleoside-triphosphate reductase					
					10.500	26.500	22.0772	26.5000						
SGO_2041	-1.052	4.251	0.0482	0.1073	2.000	8.000	3.6884	8.3580	conserved hypothetical protein TIGR00250					
						7.000		7.0000						
SGO_2042	0.382	8.928	0.0313	0.0550	83.500	92.500	153.9890	96.6396	Bacterial protein of unknown function (DUF965) superfamily					
					58.000	114.500	121.9504	114.5000						
SGO_2045	0.083	10.745	0.0818	0.2174	254.000	389.500	468.4217	406.9311	recA; recA protein					
					197.500	426.000	415.2622	426.0000						
SGO_2046	-0.970	4.841	0.0050	0.0022	3.000	9.500	5.5325	9.9251	cinA; competence induced protein					
					2.000	9.000	4.2052	9.0000						
SGO_2053	-0.100	4.861	0.1661	0.5663	3.500	5.500	6.4546	5.7461	DNA mismatch repair protein hexB					
					3.500	9.500	7.3591	9.5000						
SGO_2056	-0.693	5.734	0.0656	0.1610	3.500	12.500	6.4546	13.0594	mutS; DNA mismatch repair protein MutS					
					7.000	19.000	14.7182	19.0000						
SGO_2058	0.379	9.776	0.0103	0.0095	143.000	188.000	263.7177	196.4135	argS; arginyl-tRNA synthetase					
					110.500	184.500	232.3366	184.5000						
SGO_2060	-1.094	7.569	0.0012	0.0001	17.500	61.500	32.2731	64.2523	aspS-1; aspartyl-tRNA synthetase					
					13.500	65.000	28.3850	65.0000						
SGO_2062	0.193	8.348	0.0506	0.1152	51.000	77.500	94.0532	80.9683	hisS; histidyl-tRNA synthetase					
					38.000	71.000	79.8986	71.0000						
SGO_2064	-0.242	8.955	0.0271	0.0454	64.500	138.000	118.9496	144.1758	ilvD; dihydroxy-acid dehydratase					
					51.500	125.000	108.2836	125.0000						
SGO_2066	-0.337	7.834	0.0466	0.1024	31.500	66.500	58.0917	69.4760	rpmG; ribosomal protein L33					
					20.500	57.500	43.1032	57.5000						

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

p-Value

.005

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw		Normalized		Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_2070	-0.715	5.430	0.0332	0.0611	5.500	15.000	10.1430	15.6713	hypothetical protein SGO_2070							
					3.000	11.000	6.3078	11.0000								
SGO_2085	0.047	7.648	0.0778	0.2038	28.500	48.000	52.5591	50.1481	purB; adenylosuccinate lyase							
					23.500	48.500	49.4109	48.5000								
SGO_2097	-1.055	4.250	0.0195	0.0268	2.000	7.500	3.6884	7.8356	comA; ATP-binding Transport protein ComA							
						7.500		7.5000								
SGO_2098	-0.102	11.049	0.1579	0.5181	319.500	519.500	589.2155	542.7489	rpsD; ribosomal protein S4							
					208.500	548.500	438.3908	548.5000								
SGO_2100	0.055	9.145	0.1191	0.3624	76.500	140.500	141.0798	146.7877	ABC transporter substrate-binding protein							
					70.000	131.000	147.1815	131.0000								
SGO_2102	-1.959	4.836	0.0805	0.2118		9.000		9.4028	hypothetical protein SGO_2102							
					1.500	16.000	3.1539	16.0000								
SGO_2104	0.532	8.288	0.0328	0.0594	59.000	55.000	108.8066	57.4614	srtB; sortase B							
					36.500	69.500	76.7447	69.5000								
SGO_2105	0.573	6.179	0.0050	0.0019	11.500	15.000	21.2081	15.6713	abpA; amylase-binding protein AbpA							
					10.500	13.500	22.0772	13.5000								
SGO_2106	-0.167	7.791	0.0396	0.0799	28.000	52.000	51.6370	54.3271	ribose-phosphate diphosphokinase							
					25.000	63.000	52.5648	63.0000								
SGO_2133	0.155	9.003	0.0195	0.0267	76.500	116.000	141.0798	121.1913	Cell division protein ftsH-like protein							
					61.500	121.500	129.3095	121.5000								
SGO_2134	-0.190	7.151	0.1153	0.3458	21.500	37.500	39.6499	39.1782	hpt; hypoxanthine phosphoribosyltransferase							
					13.000	36.000	27.3337	36.0000								
SGO_2142	-0.244	8.063	0.0397	0.0812	30.000	73.500	55.3254	76.7893	GTP-binding protein							
					32.000	68.000	67.2830	68.0000								

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots

Summary Table

SgFn vs Sg

SgPg vs Sg

SgPgFn vs Sg

SgPg vs SgFn

SgPgFn vs SgFn

SgPgFn vs SgPg

Coverage

SgPgFn vs SgPg

Raw

Normalized

Log₂ Ratios

Protein	SgPgFn vs SgPg				Raw				Normalized				Description	Log ₂ Ratios						
	Log ₂ Ratio	Log ₂ Sum	q-Value	p-Value	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg	SgPgFn	SgPg		-6	-4	-2	0	2	4	6
SGO_2145	0.001	8.941	0.2492	0.9711	67.000	109.500	123.5601	114.4004	comE; competence response regulator ComE											
					58.000	131.500	121.9504	131.5000												
SGO_2146	-0.958	4.948	0.0402	0.0827		12.500		13.0594	comD; histidine protein kinase ComD											
					3.000	11.500	6.3078	11.5000												
SGO_2150	-1.449	6.392	0.0050	0.0020	8.000	29.500	14.7534	30.8202	degP; serine protease											
					4.000	30.000	8.4104	30.0000												

- Show detected proteins only
 Show all proteins

Proteins found:
627

Filter by category:

ABC Transporter

Test

Cutoff

q-Value

.005

p-Value

	Signif	Direction	Applies To
Red	yes	+	ratios, bars
Yellow	no	n/a	bars
Green	yes	-	ratios, bars
Pink	yes	+	p-, q-Values
Light Green	yes	-	p-, q-Values

Dot Plots Dot Plots