

Genome-wide protein-protein interactions and protein function exploration in cyanobacteria

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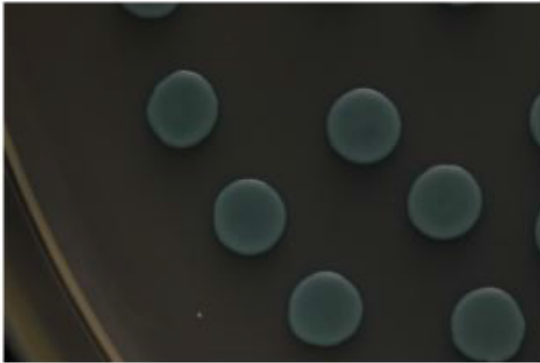
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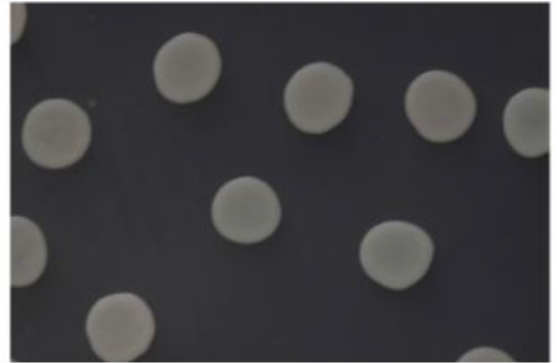
The institute of plant physiology and ecology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, 300 Fenglin Road, Shanghai 200032, China

Tielu Shi

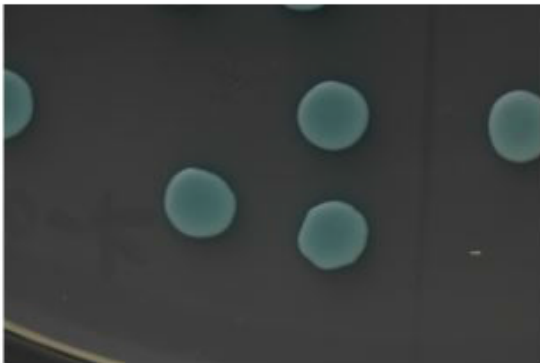
NdhO-NdhI



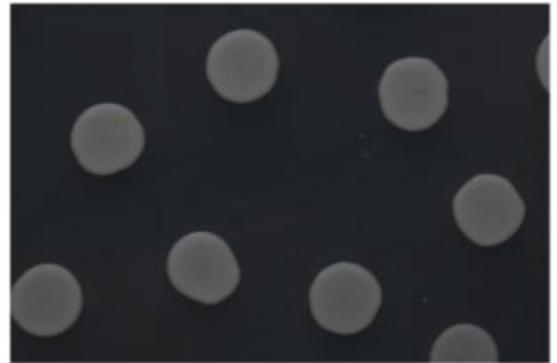
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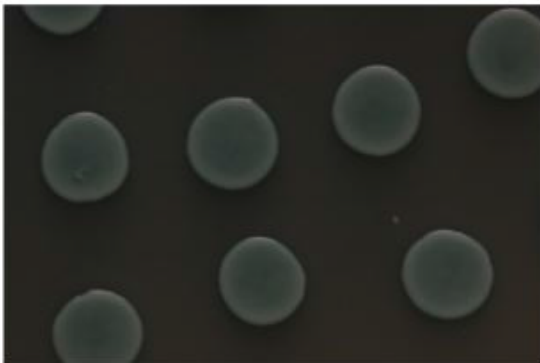
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NdhH-GST



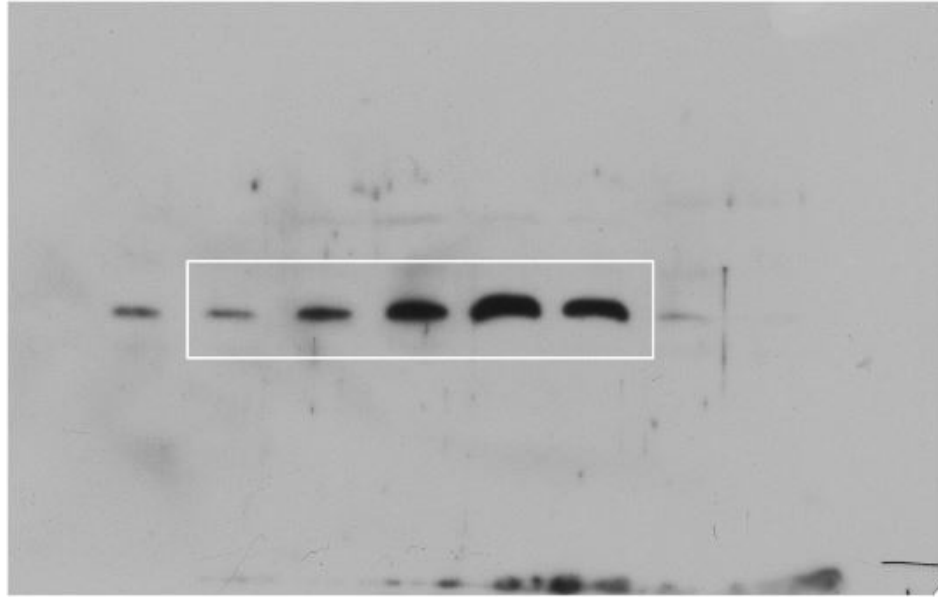
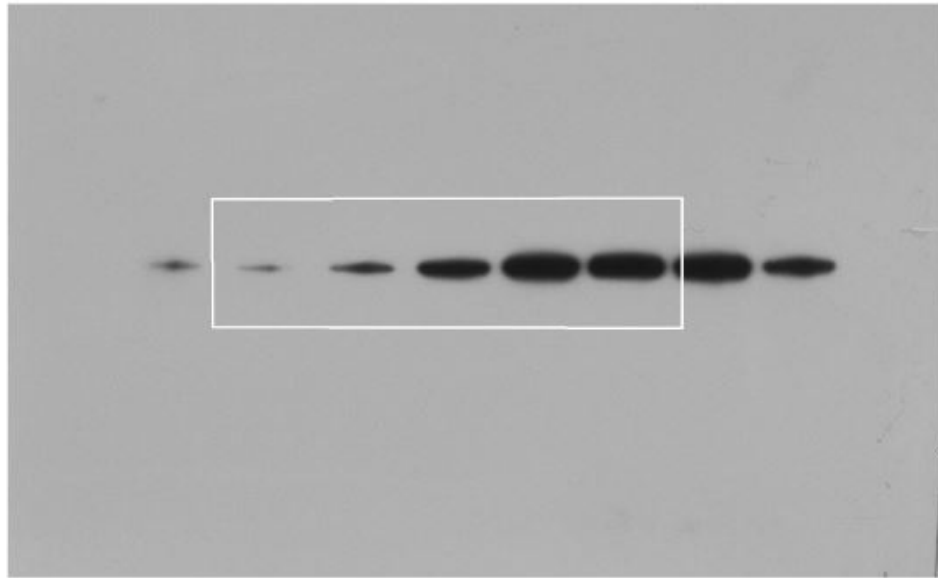
NdhH-NdhK



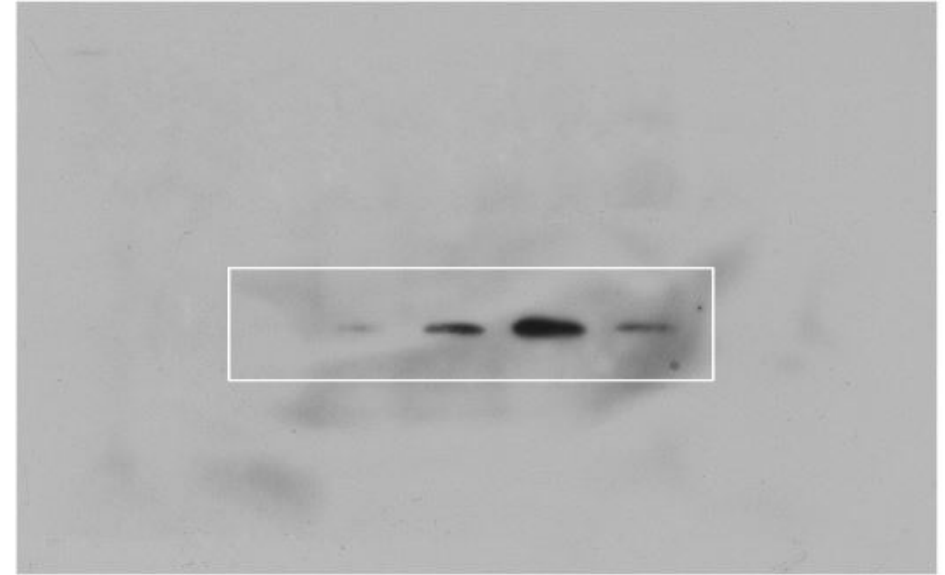
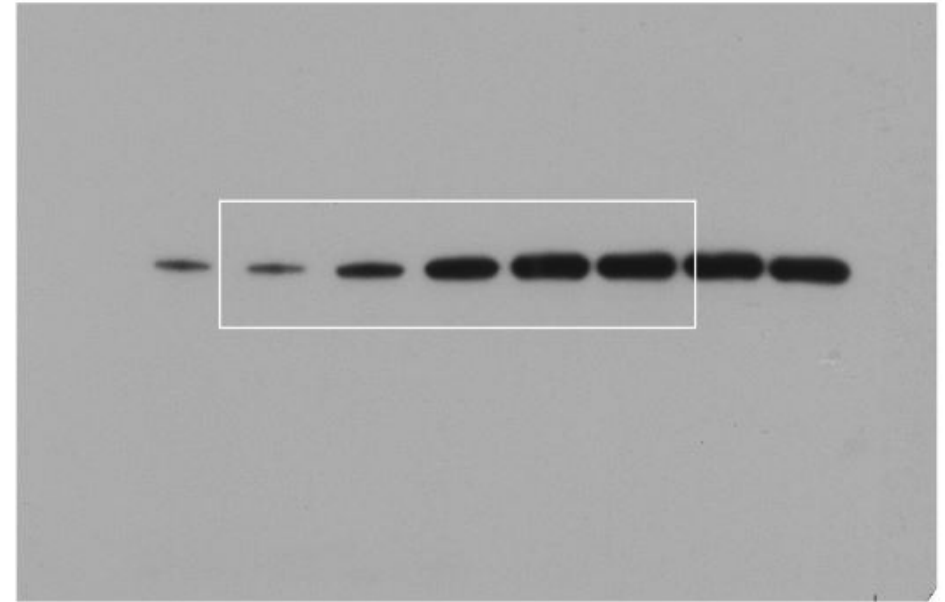
Supplementary Figure S1 Full views of yeast two-hybrid results in Figure 2.

A

NdhH

ATP β **B**

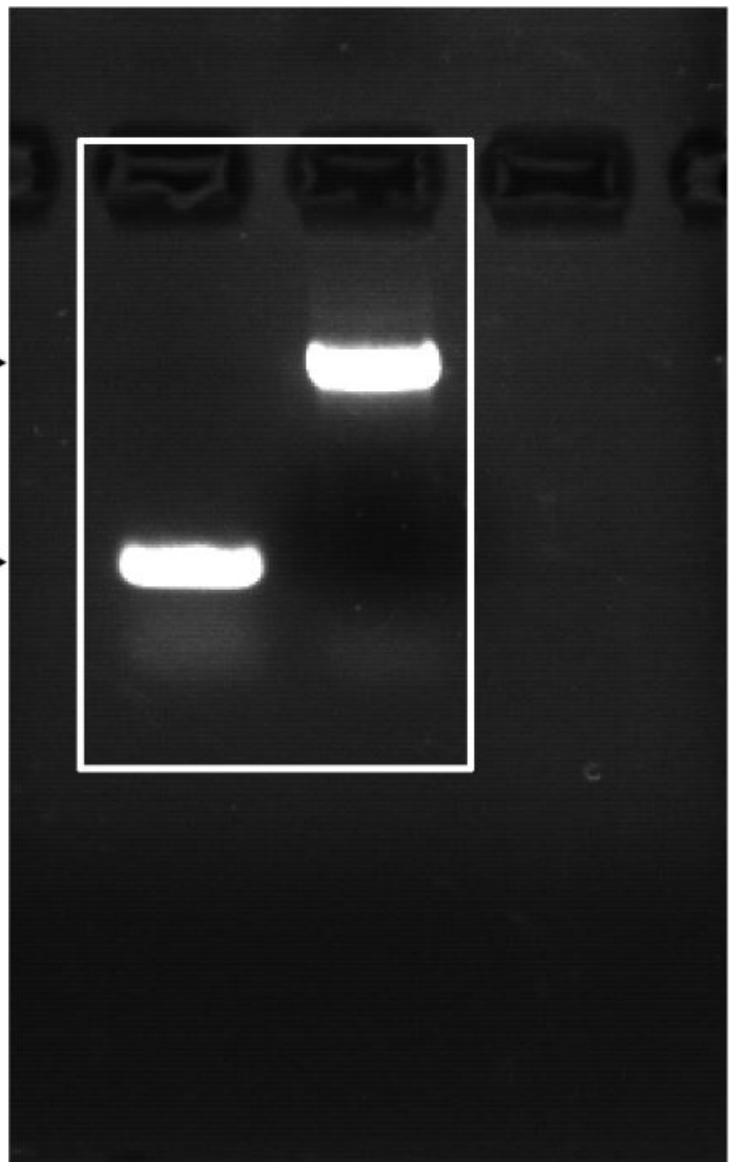
NdhA

ATP β 

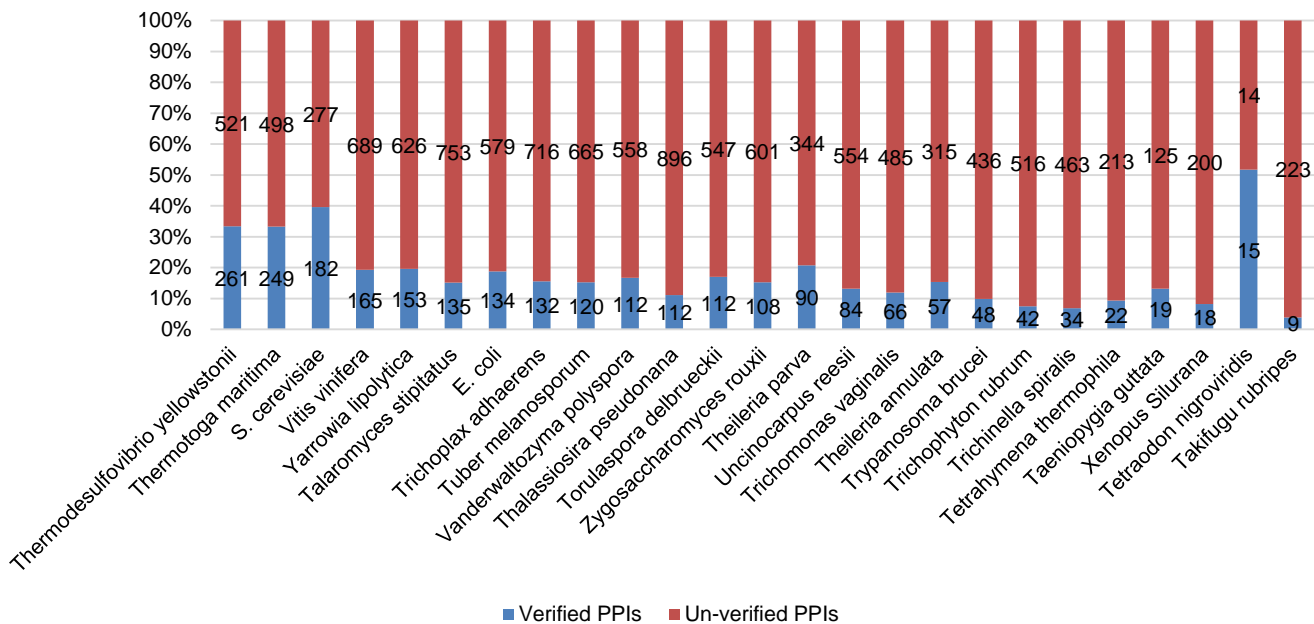
Supplementary Figure S2 Full views of western blots. Rectangles delimit cropped areas used in the indicated Figure 3.

1,421 bp →

503 bp →

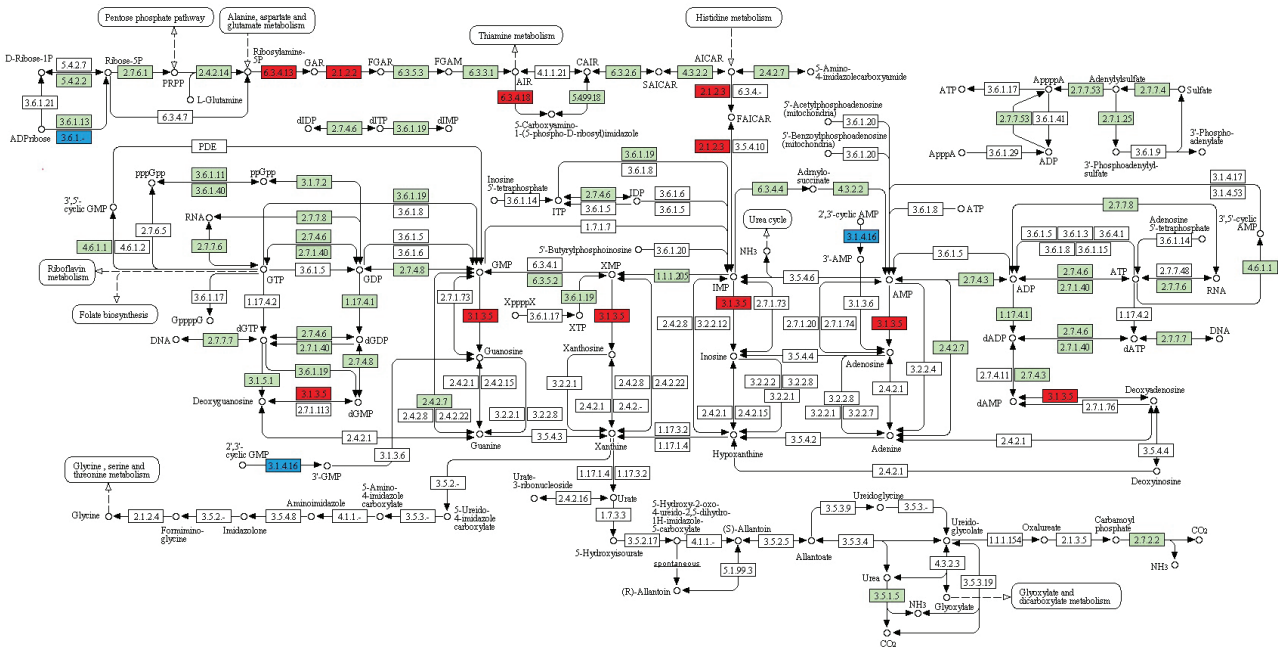


Supplementary Figure S3 Full views of DNA electrophoresis gels. Rectangles delimit cropped areas used in the indicated Figure 4.



Supplementary Figure S4 Interolog verification of interactions based on conserved proteins among 25 organisms.

PURINE METABOLISM



Supplemental Figure 5 In purine metabolism two enzymes were assigned as the potential function of function-unknown proteins in sub-network 14 by mapping the same GO annotation of sub-network in *E. coli*. (Red nodes represent conserved function in *E. coli* and *Synechocystis* sp PCC 6803, Blue nodes represent novel nodes in *Synechocystis* sp PCC 6803, based on conserved function sub-network analysis.)

Supplemental Table S1. PPIs as gold standard positive dataset (GSP).

P1	P2	P1	P2	P1	P2	P1	P2	P1	P2
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sll1193	slr0491	sll1763	slr0359	slr0872	slr1963	sll1680	slr0023	slr0415	ssl2084
sll0192	slr0454	sll1439	slr0467	sll0783	sll1037	sll0208	slr1398	slr0687	slr1110
sll1708	slr1896	sll1441	sll1463	sll1138	slr1204	slr0484	slr1083	sll0034	sll0310
slr0376	slr0456	sll1799	slr1531	sll1931	slr1198	sll0535	slr1855	sll0021	ssl2807
sll0103	slr1128	sll0861	slr0393	slr0317	slr1702	sll1129	slr0801	sll0068	slr0922
sll0238	slr0343	sll1861	ssl0331	sll0058	slr1385	sll1442	slr0772	slr1992	slr2130
sll1578	sll1969	slr1436	slr1462	sll0783	slr1420	sll0505	slr1906	slr0556	slr2098
sll0995	sll1072	slr1881	ssr3532	sll0807	sll1679	sll0223	slr0839	sll0071	sll1614
sll1987	slr1035	sll1214	slr1950	slr1343	slr1536	sll1614	slr2033	sll1643	slr2031
sll1003	ssl2502	sll1555	slr0868	slr0357	slr1626	slr0810	slr1744	sll0149	ssr1238
sll0005	slr1710	sll0738	slr1046	slr0496	slr1747	sll1143	ssr0692	slr0050	slr0543
sll1579	slr0299	sll1761	sll1945	sll1110	slr1266	sll1516	ssr2781	slr0091	slr0384
sll0782	slr1629	sll0488	ssr0854	sll1830	slr0697	slr0765	slr1052	slr1343	slr1916
sll0252	sll1143	sll1733	slr1729	slr0519	slr0633	slr1254	slr5038	sll0192	slr1107
slr1280	ssr2781	sll0477	sll1060	sll0735	slr1579	sll0909	sll1433	slr1139	slr1454
sll0041	sll1225	sll0474	sll0933	sll0178	ssr2201	sll0068	ssl0739	sll1685	slr0642
slr0467	slr1818	sll0149	slr0525	sll0272	slr1199	sll1367	slr1549	sll1170	sll1237
sll1435	slr0707	sll0166	slr1143	sll0656	ssr1238	sll0053	sll1366	sll0788	sll1472
sll0787	slr0015	sll0455	sll1813	sll0252	slr1287	sll1231	ssr2016	sll0169	sll1880
sll1799	slr0909	sll1003	ssr2049	sll1443	slr1023	sll1414	sll1651	sll1715	slr1777
sll1060	slr1710	sll1643	ssl0750	sll1873	slr2032	sll0272	sll1558	slr0713	slr0877
sll1119	slr0919	sll1477	ssl2542	slr0506	slr2043	sll1029	slr1686	slr0378	slr0550
sll1526	slr2080	slr0304	slr0790	sll0354	slr1609	slr0399	slr1645	sll0624	slr0073
sll1370	sll2015	slr0280	slr0990	sll0861	slr0434	sll0008	sll0716	sll1399	slr1590
slr1918	slr2077	slr0818	slr0877	sll1085	sll1774	sll1632	slr1852	sll0149	sll1435
slr1874	ssl2542	slr0108	slr0144	sll1108	sll1933	sll0350	sll1268	sll1987	slr1209
sll0656	sll0767	sll1428	slr2131	sll0184	ssl3364	sll0519	slr0798	sll0096	sll1557
sll0252	slr0317	sll1006	slr0723	sll0779	slr0565	sll0053	sll1249	slr0599	slr1710
sll0362	slr0341	sll0408	slr1181	slr1307	slr1993	slr0423	slr1265	sll0886	slr1398
sll1446	slr0977	slr0408	ssl2065	sll0898	slr0774	sll1427	sll1600	sll1455	slr0697
slr1931	slr2098	sll1606	slr1398	sll1096	slr2046	slr0261	ssr0692	sll0933	sll1614
sll0149	slr0653	sll0788	ssr2049	slr0165	slr0337	slr0876	slr1656	slr0596	ssr0657
sll1875	slr2025	sll1250	sll1355	slr0848	slr0969	sll0185	sll0735	slr0384	slr1834
sll1699	slr0607	slr0214	slr0293	sll1353	slr0740	sll0865	slr1464	sll1611	slr0798
sll0310	slr0733	slr1169	slr1567	slr0359	slr1211	slr0697	slr1699	sll0606	slr2046
sll0148	sll0350	sll0020	sll1954	sll0794	slr0579	sll0041	sll1582	sll1360	slr0876
sll0286	sll0380	sll1679	slr1572	sll0754	slr1363	sll1086	slr0993	slr0546	slr1329
sll1601	slr0535	sll1873	ssl0707	sll0533	slr1895	sll1201	slr1811	sll0737	slr1232
sll0995	slr1778	sll0424	slr0734	slr1812	ssr0757	slr1291	slr1350	sll1514	sll1841
slr1462	slr2087	sll0269	slr1052	sll1270	ssr2142	sll0932	slr1215	slr0969	slr1959
slr0054	slr1978	sll1170	slr0083	sll0217	sll0513	slr0723	slr1198	sll0931	sll1687
sll1669	slr1837	slr0872	slr1778	slr0978	slr1969	sll2005	ssl0294	sll1930	slr0287

slr0317	slr1763	slr0451	ssr1386	sll0776	slr0152	slr0305	slr0774	sll0647	sll1679
sll0865	slr1811	sll0641	sll1949	sll1598	ssl3441	slr0204	slr0596	slr0280	slr0354
sll1135	slr0356	sll1886	slr0114	sll1614	smr0008	sll1871	ssl1577	sll1507	slr1301
sll5052	slr0020	slr1774	ssl0109	slr2077	slr2087	sll0188	slr0992	slr0467	slr0787
sll0149	slr1032	slr0454	slr0503	sll0775	sll1433	slr1150	slr2128	slr1369	slr2077
sll1967	slr1164	sll0861	sll1169	slr1103	ssl0294	sll1250	slr2092	slr0452	ssl2542
sll1198	ssl2542	sll0798	ssl3432	sll0554	sll1103	slr0808	ssl3432	sll1750	slr0066
sll1545	slr0089	slr0602	smr0009	sll0833	slr1192	sll1546	sml0011	slr1331	slr1804
sll1427	slr0406	slr1107	ssl2598	slr1693	ssl0832	sll0985	slr1860	sll1084	slr0658
slr0404	slr1471	slr0103	slr0551	sll0314	sll0624	sll1553	sll1967	sll0544	sll0910
sll0361	slr1708	sll2012	slr1848	sll1679	slr0737	sll0267	ssl0787	slr2136	ssl0563
sll0539	slr1067	slr0848	slr1549	sll0005	sll1942	sll1699	slr1205	sll0861	slr0886
sll0427	sll1477	slr0514	slr1289	sll0057	sll1032	sll0819	slr1288	sll1787	sll2012
sll0175	sll0821	sll0182	sll0474	slr1964	ssr3572	sll0006	sll0513	sll0631	slr1614
sll0325	slr0611	slr0008	slr1550	slr0546	slr1842	sll0914	slr2105	sll0043	sll0192
sll0173	slr0408	sll1390	slr1376	sll0051	sll0739	sll0005	sll0992	sll0320	sll1763
sll0005	slr0867	sll0149	sll1054	sll0021	sll0022	sll1730	ssr3122	sll0540	slr2038
sll0173	sll1443	sll1104	slr1914	sll0057	sll1643	sll0252	sll1912	sll1864	ssl3291
sll0756	sll1104	sll2005	sll2007	sll0812	sll1802	sll1553	slr1720	sll1799	slr1978
sll0497	slr1417	sll1428	sll1614	sll0053	sll0309	sll0513	slr1934	sll0657	sll0790
sll0226	sll1180	sll0616	slr1521	sll1398	slr0733	sll1620	slr1902	slr0473	slr1529
sll0446	ssl3076	sll1276	slr1727	sll2006	slr2018	slr1215	slr1471	slr0152	slr1604
sll1272	slr0267	sll0861	slr1744	slr0376	ssr1552	sll1671	slr1096	sll1507	ssl2245
sll0350	slr1164	sll1987	slr0740	sll0488	sll1749	sll1865	slr1441	slr0214	ssl0331
sll0666	slr0599	sll1394	slr0884	sll0057	slr0697	slr0467	slr0666	sll1393	sll2005
sll0149	ssr1391	sll1344	ssr1114	sll0585	slr0579	sll1864	slr2102	sll1433	slr0942
sll0216	sll1995	sll1861	slr1235	sll0671	slr0181	sll0252	sll0564	slr0355	slr0940
sll1359	slr1673	slr0646	slr1847	sll1367	sll1949	slr0304	slr2104	sll0242	slr0579
slr0011	slr0143	slr0787	ssr3154	sll0096	sll1920	sll0242	slr1614	slr1215	slr2131
sll0985	slr0369	sll0360	slr1471	slr0165	slr1804	sll0584	sll1270	sll0446	slr0668
sll1334	ssr2803	sll1672	ssl0241	slr0697	slr1614	sll0142	sll1323	sll1150	slr0642
sll1442	ssl2807	sll1787	slr1441	sll0819	slr0839	ssl0452	ssl0453	sll0194	slr1225
sll0149	sll1398	sll1703	slr1865	slr0519	slr1067	sll0584	slr1950	sll2005	slr1557
slr0545	slr0913	sll0068	sll1658	slr1645	slr1983	sll1423	sll1812	sll0488	slr0442
sll0504	slr0941	sll1293	sll1296	sll1219	sll1371	sll1611	sll1906		
sll1949	slr1277	slr0653	ssr1258	sll1401	slr1767	sll0149	sml0006		

Supplemental Table S2. PPIs as gold standard negative dataset (GSN).

P1	P2	P1	P2	P1	P2	P1	P2	P1	P2
sll0402	sll1322	sll1098	slr0261	sll1196	smr0003	slr0906	slr1510	sll1108	ssl3093
sll0728	sll1322	slr0261	slr0434	sll0745	smr0003	sll1043	slr0906	sll0362	ssl3093
sll0336	sll1322	sll1261	slr0261	sll1815	smr0003	slr0400	slr0906	slr0958	ssl3093
sll1299	sll1322	sll1099	slr0261	sll1059	smr0003	sll1415	slr0906	slr1720	ssl3093
sll1322	ssl2084	slr0261	slr0752	slr1123	smr0003	sll1909	slr0906	sll0179	ssl3093
sll1322	sll2001	slr0261	slr0952	sll1760	smr0003	sll0373	slr0906	sll0454	ssl3093
sll1322	sll1430	slr0261	slr1511	sll0469	smr0003	slr0906	slr2035	sll1553	ssl3093
sll0573	sll1322	sll1605	slr0261	slr1517	smr0003	slr0906	slr2132	slr0638	ssl3093
sll1322	slr1898	sll0990	slr0261	sll0869	smr0003	slr0906	slr0922	slr0220	ssl3093
sll0080	sll1322	sll1633	slr0261	slr1598	smr0003	slr0838	slr0906	slr0357	ssl3093
sll1322	slr1022	slr0018	slr0261	sll0868	smr0003	sll1823	slr0906	sll1362	ssl3093
sll1322	sll1883	sll0567	slr0261	slr0994	smr0003	sll1056	slr0906	slr1550	ssl3093
sll1322	slr1133	slr0261	slr0884	sll0379	smr0003	slr0520	slr0906	sll1074	ssl3093
sll1322	slr0444	sll1342	slr0261	sll1676	smr0003	sll0144	slr0906	slr0649	ssl3093
sll1322	slr2130	slr0261	slr1349	sll0927	smr0003	sll0467	slr0906	sll0495	ssl3093
sll1322	sll1669	sll0593	slr0261	sll0996	smr0003	slr0711	slr0906	sll1425	ssl3093
sll1322	slr0585	sll0220	slr0261	sll0844	smr0003	sll0754	slr0906	sll0502	ssl3093
sll1322	slr2075	sll0899	slr0261	sll1615	smr0003	sll0569	slr0906	slr1703	ssl3093
sll1322	slr2076	slr0261	slr1756	sll0202	smr0003	sll1277	slr0906	sll0078	ssl3093
sll0416	sll1322	sll1085	slr0261	slr0902	smr0003	sll1110	slr0906	slr0557	ssl3093
sll1322	slr0156	sll1931	slr0261	sll1144	smr0003	sll1865	slr0906	slr1884	ssl3093
sll1322	slr1641	sll0083	slr0261	slr0017	smr0003	slr0906	slr1228	slr1031	ssl3093
sll1322	slr0542	slr0261	slr1755	slr1424	smr0003	slr0808	slr0906	slr1793	ssl3093
sll0534	sll1322	sll0057	slr0261	slr1423	smr0003	slr0082	slr0906	slr0633	ssl3093
sll1322	slr0165	sll0017	slr0261	sll2010	smr0003	slr0742	slr0906	slr1278	ssl3093
sll0030	sll1322	sll1185	slr0261	slr0528	smr0003	sll0098	slr0906	slr0783	ssl3093
sll1322	slr0847	slr0261	slr0839	slr1351	smr0003	slr0906	slr1646	sll1198	ssl3093
sll1322	slr0553	sll1876	slr0261	sll0622	smr0003	slr0906	slr1130	sll0204	ssl3093
sll1322	slr0812	sll0900	slr0261	sll0631	smr0003	slr0080	slr0906	sll1750	ssl3093
sll1322	slr1347	slr0261	slr0608	slr0787	smr0003	slr0551	slr0906	sll0420	ssl3093
sll1322	slr1348	slr0261	slr0652	sll1852	smr0003	sll0145	slr0906	slr1256	ssl3093
sll1322	slr1791	slr0084	slr0261	slr1090	smr0003	sll0708	slr0906	sll1639	ssl3093
sll0594	sll1322	sll1893	slr0261	sll0902	smr0003	slr0679	slr0906	slr1899	ssl3093
sll1322	slr0550	slr0261	slr0500	slr0661	smr0003	slr0722	slr0906	sll0643	ssl3093
sll1058	sll1322	slr0261	slr1560	slr0526	smr0003	slr0072	slr0906	slr1844	ssl3093
sll1322	slr1665	sll1988	slr0261	sll1249	smr0003	sll1547	slr0906	sll0459	ssl3093
sll1322	slr0536	slr0261	slr1289	sll0892	smr0003	sll1234	slr0906	sll0865	ssl3093
sll1322	slr1874	sll1556	slr0261	sll0660	smr0003	sll0616	slr0906	slr0733	ssl3093
sll1322	sll1776	slr0261	ssl3441	slr1779	smr0003	slr0906	slr2073	sll1459	ssl3093
sll0848	sll1322	slr0261	slr0744	slr0394	smr0003	slr0906	slr1639	sll0905	ssl3093
sll0897	sll1322	slr0261	slr0974	slr2047	smr0003	sll1108	slr0906	sll0402	sll0616
sll1322	sll1933	slr0261	slr1622	slr0741	smr0003	sll0362	slr0906	sll0616	sll0728
sll1322	slr0965	sll1196	slr0261	slr1510	smr0003	slr0906	slr0958	sll0336	sll0616
sll1322	slr1463	sll0745	slr0261	sll1043	smr0003	slr0906	slr1720	sll0616	sll1299
sll1098	sll1322	sll1815	slr0261	slr0400	smr0003	sll0179	slr0906	sll0616	ssl2084
sll1322	slr0434	sll1059	slr0261	sll1415	smr0003	sll0454	slr0906	sll0616	sll2001
sll1261	sll1322	slr0261	slr1123	sll1909	smr0003	sll1553	slr0906	sll0616	sll1430
sll1099	sll1322	sll1760	slr0261	sll0373	smr0003	slr0638	slr0906	sll0573	sll0616
sll1322	slr0752	sll0469	slr0261	slr2035	smr0003	slr0220	slr0906	sll0616	slr1898

sl11322	slr0952	slr0261	slr1517	slr2132	smr0003	slr0357	slr0906	sl10080	sl10616
sl11322	slr1511	sl10869	slr0261	slr0922	smr0003	sl11362	slr0906	sl10616	slr1022
sl11322	sl11605	slr0261	slr1598	slr0838	smr0003	slr0906	slr1550	sl10616	sl11883
sl10990	sl11322	sl10868	slr0261	sl11823	smr0003	sl11074	slr0906	sl10616	slr1133
sl11322	sl11633	slr0261	slr0994	sl11056	smr0003	slr0649	slr0906	sl10616	slr0444
sl11322	slr0018	sl10379	slr0261	slr0520	smr0003	sl10495	slr0906	sl10616	slr2130
sl10567	sl11322	sl11676	slr0261	sl10144	smr0003	sl11425	slr0906	sl10616	sl11669
sl11322	slr0884	sl10927	slr0261	sl10467	smr0003	sl10502	slr0906	sl10616	slr0585
sl11322	sl11342	sl10996	slr0261	slr0711	smr0003	slr0906	slr1703	sl10616	slr2075
sl11322	slr1349	sl10844	slr0261	sl10754	smr0003	sl10078	slr0906	sl10616	slr2076
sl10593	sl11322	sl11615	slr0261	sl10569	smr0003	slr0557	slr0906	sl10416	sl10616
sl10220	sl11322	sl10202	slr0261	sl11277	smr0003	slr0906	slr1884	sl10616	slr0156
sl10899	sl11322	slr0261	slr0902	sl11110	smr0003	slr0906	slr1031	sl10616	slr1641
sl11322	slr1756	sl11144	slr0261	sl11865	smr0003	slr0906	slr1793	sl10616	slr0542
sl11085	sl11322	slr0017	slr0261	slr1228	smr0003	slr0633	slr0906	sl10534	sl10616
sl11322	sl11931	slr0261	slr1424	slr0808	smr0003	slr0906	slr1278	sl10616	slr0165
sl10083	sl11322	slr0261	slr1423	slr0082	smr0003	slr0783	slr0906	sl10030	sl10616
sl11322	slr1755	sl12010	slr0261	slr0742	smr0003	sl11198	slr0906	sl10616	slr0847
sl10057	sl11322	slr0261	slr0528	sl10098	smr0003	sl10204	slr0906	sl10616	slr0553
sl10017	sl11322	slr0261	slr1351	slr1646	smr0003	sl11750	slr0906	sl10616	slr0812
sl11185	sl11322	sl10622	slr0261	slr1130	smr0003	sl10420	slr0906	sl10616	slr1347
sl11322	slr0839	sl10631	slr0261	slr0080	smr0003	slr0906	slr1256	sl10616	slr1348
sl11322	sl11876	slr0261	slr0787	slr0551	smr0003	sl11639	slr0906	sl10616	slr1791
sl10900	sl11322	sl11852	slr0261	sl10145	smr0003	slr0906	slr1899	sl10594	sl10616
sl11322	slr0608	slr0261	slr1090	sl10708	smr0003	sl10643	slr0906	sl10616	slr0550
sl11322	slr0652	sl10902	slr0261	slr0679	smr0003	slr0906	slr1844	sl10616	sl11058
sl11322	slr0084	slr0261	slr0661	slr0722	smr0003	sl10459	slr0906	sl10616	slr1665
sl11322	sl11893	slr0261	slr0526	slr0072	smr0003	sl10865	slr0906	sl10616	slr0536
sl11322	slr0500	sl11249	slr0261	sl11547	smr0003	slr0733	slr0906	sl10616	slr1874
sl11322	slr1560	sl10892	slr0261	sl11234	smr0003	sl11459	slr0906	sl10616	sl11776
sl11322	sl11988	sl10660	slr0261	sl10616	smr0003	sl10905	slr0906	sl10616	sl10848
sl11322	slr1289	slr0261	slr1779	slr2073	smr0003	sl10402	sl10851	sl10616	sl10897
sl11322	sl11556	slr0261	slr0394	slr1639	smr0003	sl10728	sl10851	sl10616	sl11933
sl11322	ssl3441	slr0261	slr2047	sl11108	smr0003	sl10336	sl10851	sl10616	slr0965
sl11322	slr0744	slr0261	slr0741	sl10362	smr0003	sl10851	sl11299	sl10616	slr1463
sl11322	slr0974	slr0261	slr1510	slr0958	smr0003	sl10851	ssl2084	sl10616	sl11098
sl11322	slr1622	sl11043	slr0261	slr1720	smr0003	sl10851	sl12001	sl10616	slr0434
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slI0247	slI1234	slI1459	smr0010	slI0897	slr0906	slr1289	ssl3093	slI0226	slI1249
slI0247	slI0616	slI0905	smr0010	slI1933	slr0906	slI1556	ssl3093	slI0226	slI0892
slI0247	slr2073	slI0402	smr0003	slr0906	slr0965	ssl3093	ssl3441	slI0226	slI0660
slI0247	slr1639	slI0728	smr0003	slr0906	slr1463	slr0744	ssl3093	slI0226	slr1779
slI0247	slI1108	slI0336	smr0003	slI1098	slr0906	slr0974	ssl3093	slI0226	slr0394
slI0247	slI0362	slI1299	smr0003	slr0434	slr0906	slr1622	ssl3093	slI0226	slr2047
slI0247	slr0958	smr0003	ssl2084	slI1261	slr0906	slI1196	ssl3093	slI0226	slr0741
slI0247	slr1720	slI2001	smr0003	slI1099	slr0906	slI0745	ssl3093	slI0226	slr1510
slI0179	slI0247	slI1430	smr0003	slr0752	slr0906	slI1815	ssl3093	slI0226	slI1043
slI0247	slI0454	slI0573	smr0003	slr0906	slr0952	slI1059	ssl3093	slI0226	slr0400
slI0247	slI1553	slr1898	smr0003	slr0906	slr1511	slr1123	ssl3093	slI0226	slI1415
slI0247	slr0638	slI0080	smr0003	slI1605	slr0906	slI1760	ssl3093	slI0226	slI1909
slI0247	slr0220	slr1022	smr0003	slI0990	slr0906	slI0469	ssl3093	slI0226	slI0373
slI0247	slr0357	slI1883	smr0003	slI1633	slr0906	slr1517	ssl3093	slI0226	slr2035
slI0247	slI1362	slr1133	smr0003	slr0018	slr0906	slI0869	ssl3093	slI0226	slr2132
slI0247	slr1550	slr0444	smr0003	slI0567	slr0906	slr1598	ssl3093	slI0226	slr0922
slI0247	slI1074	slr2130	smr0003	slr0884	slr0906	slI0868	ssl3093	slI0226	slr0838
slI0247	slr0649	slI1669	smr0003	slI1342	slr0906	slr0994	ssl3093	slI0226	slI1823
slI0247	slI0495	slr0585	smr0003	slr0906	slr1349	slI0379	ssl3093	slI0226	slI1056
slI0247	slI1425	slr2075	smr0003	slI0593	slr0906	slI1676	ssl3093	slI0226	slr0520
slI0247	slI0502	slr2076	smr0003	slI0220	slr0906	slI0927	ssl3093	slI0144	slI0226
slI0247	slr1703	slI0416	smr0003	slI0899	slr0906	slI0996	ssl3093	slI0226	slI0467
slI0078	slI0247	slr0156	smr0003	slr0906	slr1756	slI0844	ssl3093	slI0226	slr0711
slI0247	slr0557	slr1641	smr0003	slI1085	slr0906	slI1615	ssl3093	slI0226	slI0754
slI0247	slr1884	slr0542	smr0003	slI1931	slr0906	slI0202	ssl3093	slI0226	slI0569

slI0247	slr1031	slI0534	smr0003	slI0083	slr0906	slr0902	ssl3093	slI0226	slI1277
slI0247	slr1793	slr0165	smr0003	slr0906	slr1755	slI1144	ssl3093	slI0226	slI1110
slI0247	slr0633	slI0030	smr0003	slI0057	slr0906	slr0017	ssl3093	slI0226	slI1865
slI0247	slr1278	slr0847	smr0003	slI0017	slr0906	slr1424	ssl3093	slI0226	slr1228
slI0247	slr0783	slr0553	smr0003	slI1185	slr0906	slr1423	ssl3093	slI0226	slr0808
slI0247	slI1198	slr0812	smr0003	slr0839	slr0906	slI2010	ssl3093	slI0226	slr0082
slI0204	slI0247	slr1347	smr0003	slI1876	slr0906	slr0528	ssl3093	slI0226	slr0742
slI0247	slI1750	slr1348	smr0003	slI0900	slr0906	slr1351	ssl3093	slI0098	slI0226
slI0247	slI0420	slr1791	smr0003	slr0608	slr0906	slI0622	ssl3093	slI0226	slr1646
slI0247	slr1256	slI0594	smr0003	slr0652	slr0906	slI0631	ssl3093	slI0226	slr1130
slI0247	slI1639	slr0550	smr0003	slr0084	slr0906	slr0787	ssl3093	slI0226	slr0080
slI0247	slr1899	slI1058	smr0003	slI1893	slr0906	slI1852	ssl3093	slI0226	slr0551
slI0247	slI0643	slr1665	smr0003	slr0500	slr0906	slr1090	ssl3093	slI0145	slI0226
slI0247	slr1844	slr0536	smr0003	slr0906	slr1560	slI0902	ssl3093	slI0226	slI0708
slI0247	slI0459	slr1874	smr0003	slI1988	slr0906	slr0661	ssl3093	slI0226	slr0679
slI0247	slI0865	slI1776	smr0003	slr0906	slr1289	slr0526	ssl3093	slI0226	slr0722
slI0247	slr0733	slI0848	smr0003	slI1556	slr0906	slI1249	ssl3093	slI0226	slr0072
slI0247	slI1459	slI0897	smr0003	slr0906	ssl3441	slI0892	ssl3093	slI0226	slI1547
slI0247	slI0905	slI1933	smr0003	slr0744	slr0906	slI0660	ssl3093	slI0226	slI1234
slI0402	slr0261	slr0965	smr0003	slr0906	slr0974	slr1779	ssl3093	slI0226	slI0616
slI0728	slr0261	slr1463	smr0003	slr0906	slr1622	slr0394	ssl3093	slI0226	slr2073
slI0336	slr0261	slI1098	smr0003	slI1196	slr0906	slr2047	ssl3093	slI0226	slr1639
slI1299	slr0261	slr0434	smr0003	slI0745	slr0906	slr0741	ssl3093	slI0226	slI1108
slr0261	ssl2084	slI1261	smr0003	slI1815	slr0906	slr1510	ssl3093	slI0226	slI0362
slI2001	slr0261	slI1099	smr0003	slI1059	slr0906	slI1043	ssl3093	slI0226	slr0958
slI1430	slr0261	slr0752	smr0003	slr0906	slr1123	slr0400	ssl3093	slI0226	slr1720
slI0573	slr0261	slr0952	smr0003	slI1760	slr0906	slI1415	ssl3093	slI0179	slI0226
slr0261	slr1898	slr1511	smr0003	slI0469	slr0906	slI1909	ssl3093	slI0226	slI0454
slI0080	slr0261	slI1605	smr0003	slr0906	slr1517	slI0373	ssl3093	slI0226	slI1553
slr0261	slr1022	slI0990	smr0003	slI0869	slr0906	slr2035	ssl3093	slI0226	slr0638
slI1883	slr0261	slI1633	smr0003	slr0906	slr1598	slr2132	ssl3093	slI0226	slr0220
slr0261	slr1133	slr0018	smr0003	slI0868	slr0906	slr0922	ssl3093	slI0226	slr0357
slr0261	slr0444	slI0567	smr0003	slr0906	slr0994	slr0838	ssl3093	slI0226	slI1362
slr0261	slr2130	slr0884	smr0003	slI0379	slr0906	slI1823	ssl3093	slI0226	slr1550
slI1669	slr0261	slI1342	smr0003	slI1676	slr0906	slI1056	ssl3093	slI0226	slI1074
slr0261	slr0585	slr1349	smr0003	slI0927	slr0906	slr0520	ssl3093	slI0226	slr0649
slr0261	slr2075	slI0593	smr0003	slI0996	slr0906	slI0144	ssl3093	slI0226	slI0495
slr0261	slr2076	slI0220	smr0003	slI0844	slr0906	slI0467	ssl3093	slI0226	slI1425
slI0416	slr0261	slI0899	smr0003	slI1615	slr0906	slr0711	ssl3093	slI0226	slI0502
slr0156	slr0261	slr1756	smr0003	slI0202	slr0906	slI0754	ssl3093	slI0226	slr1703
slr0261	slr1641	slI1085	smr0003	slr0902	slr0906	slI0569	ssl3093	slI0078	slI0226
slr0261	slr0542	slI1931	smr0003	slI1144	slr0906	slI1277	ssl3093	slI0226	slr0557
slI0534	slr0261	slI0083	smr0003	slr0017	slr0906	slI1110	ssl3093	slI0226	slr1884
slr0165	slr0261	slr1755	smr0003	slr0906	slr1424	slI1865	ssl3093	slI0226	slr1031
slI0030	slr0261	slI0057	smr0003	slr0906	slr1423	slr1228	ssl3093	slI0226	slr1793
slr0261	slr0847	slI0017	smr0003	slI2010	slr0906	slr0808	ssl3093	slI0226	slr0633
slr0261	slr0553	slI1185	smr0003	slr0528	slr0906	slr0082	ssl3093	slI0226	slr1278
slr0261	slr0812	slr0839	smr0003	slr0906	slr1351	slr0742	ssl3093	slI0226	slr0783
slr0261	slr1347	slI1876	smr0003	slI0622	slr0906	slI0098	ssl3093	slI0226	slI1198
slr0261	slr1348	slI0900	smr0003	slI0631	slr0906	slr1646	ssl3093	slI0204	slI0226
slr0261	slr1791	slr0608	smr0003	slr0787	slr0906	slr1130	ssl3093	slI0226	slI1750

slr0594	slr0261	slr0652	smr0003	slr1852	slr0906	slr0080	ssl3093	slr0226	slr0420
slr0261	slr0550	slr0084	smr0003	slr0906	slr1090	slr0551	ssl3093	slr0226	slr1256
slr1058	slr0261	slr1893	smr0003	slr0902	slr0906	slr0145	ssl3093	slr0226	slr1639
slr0261	slr1665	slr0500	smr0003	slr0661	slr0906	slr0708	ssl3093	slr0226	slr1899
slr0261	slr0536	slr1560	smr0003	slr0526	slr0906	slr0679	ssl3093	slr0226	slr0643
slr0261	slr1874	slr1988	smr0003	slr1249	slr0906	slr0722	ssl3093	slr0226	slr1844
slr1776	slr0261	slr1289	smr0003	slr0892	slr0906	slr0072	ssl3093	slr0226	slr0459
slr0848	slr0261	slr1556	smr0003	slr0660	slr0906	slr1547	ssl3093	slr0226	slr0865
slr0897	slr0261	smr0003	ssl3441	slr0906	slr1779	slr1234	ssl3093	slr0226	slr0733
slr1933	slr0261	slr0744	smr0003	slr0394	slr0906	slr0616	ssl3093	slr0226	slr1459
slr0261	slr0965	slr0974	smr0003	slr0906	slr2047	slr2073	ssl3093	slr0226	slr0905
slr0261	slr1463	slr1622	smr0003	slr0741	slr0906	slr1639	ssl3093		

Supplemental Table S3. Predicted high confident PPIs.

P1	P2	P1	P2	P1	P2	P1	P2
slI0455	slI0456	ndhK2	slI8032	slI1406	slI1407	slr0847	slr0848
slr0907	slr0909	slI1251	ssl2471	slr5021	ssr5020	slI0927	slI0928
slI7063	slI7064	slI0720	slI1552	slI1429	ssl2789	slr1249	slr1250
slI0742	slI0743	slI7043	slI7044	slI1159	slI1160	slr1042	slr1043
slr2081	slr2082	slI0898	ssl1707	slr1884	ssr3189	slI0771	slI0772
slI1002	ssl1920	slr1416	slr1417	slr1339	slr1340	slr0103	slr0104
slr1857	slr1859	slI1203	slI1204	slr0293	slr0294	slr1970	ssr3341
slr0311	slr0312	slI0789	slI0790	slI0328	slI0329	slr1248	slr1249
slI5014	ssl5015	slr0901	slr0902	slI0092	ssl0172	slr1457	slr1459
slr0945	slr0946	slI1297	ssl2559	slI5089	slI5090	slI1672	slI1673
slr0502	slr0537	slI0043	slI0044	slI1786	slI1787	slr0492	slr0493
slI1031	slI1032	slI1121	slI1123	slI0447	slI0448	slI1630	slI1631
slr0298	slr0299	slr0879	slr0880	slr5118	slr5119	slI0753	ssl1417
slr7025	slr7026	slI0896	slI0897	slr7080	slr7081	slr0179	slr0180
slr0326	slr0327	slI0401	slI0402	slI1250	ssl2471	slI1005	slI1006
slI0574	slI0575	slr0236	slr0605	slr1939	slr1940	slI0237	slI0238
slr1187	slr1188	slr1434	ssr2067	slr1318	slr1319	slI0238	slI0240
slr0947	slr0948	slI2006	slI2007	slr1659	slr1660	slr1181	sml0001
slI1009	slI1009	slr0517	slr0518	slr2122	slr2123	slI0517	ssr1480
slI0477	slI0478	slI1087	slI1089	slr0704	smr0002	slr2035	ssr3452
slI1703	slI1704	slr0252	ssr0390	slI1608	slI1609	slI1255	slI1560
slI1760	slI1761	slI0505	slI0506	slr1999	ssr1765	slr1470	slr1471
slI1580	ssl3093	slr7083	ssr7084	slI0667	slI0668	slI1495	slI1496
ssl5099	ssl5100	slr6049	slr6050	slI1306	slI1307	slr1779	slr1780
slr1626	slr1627	slI1452	slI1453	slI1654	slI1655	slr0488	slr0489
slI0928	slI0930	slr1188	slr1189	slr1678	ssr2799	slr1020	ssr1698
slI0480	slI0481	slr6006	slr6007	slr0072	slr0848	slr1419	slr1420
slI0936	ssl1792	slI1181	slI1182	slI8006	ssl8005	slI0608	slI0609
slr1545	slr1546	slI0587	slI0588	slI0431	slI0651	slI0288	slI0289
slr1109	slr1110	slI0910	slI0911	slI0173	slI0174	slI0481	slI0482
slr1657	slr1658	slr1384	slr1385	slr0108	slr0109	slr2034	ssr3451
slI1099	slI1101	slI1520	slI1521	slI5097	ssl5098	slI1340	slI1341
slr1940	ssr3300	slr0878	slr0879	slr1065	slr1066	slI0147	slI0148
slr0313	slr0314	slr1512	slr1513	slI1343	slI1344	slI1119	slI1120
slr1815	slr1816	slr1846	ssr3122	slr1383	ssr2315	slI0289	ssl0546
slr0889	ssr1499	slI0381	slI0382	slI0760	slI0761	slr5016	slr5017
slr0701	slr0702	slI1003	slI1004	slI5130	ssl5129	slI0372	slI0373
slI1160	slI1161	slI1512	slI1513	slr0364	slr0366	slr1788	slr1789
slI8001	slI8002	slr0962	ssr1604	slI8033	slI8034	slr1161	slr1162
slr1488	slr1489	slr2017	slr2018	slI0031	slI0033	slI0415	slI0416
slI1094	ssl2153	slI0148	slI0149	slr6102	slr6103	slI2005	ssl3829
slr1864	slr1865	slI1389	ssl2717	slr2102	slr2103	slr0096	slr0498
slr2123	slr2124	slI0495	slI0496	slI0327	slI0328	slI0842	slI0843
slI1163	slI1164	slI5032	slI5033	slr1176	slr1177	slI1461	slI1462
slr6004	slr6005	slr1993	slr1994	slI0297	slI0298	slI5006	ssl5007
slr1078	slr1079	ssr7035	ssr7036	slr0527	slr0528	slI1633	ssl3177
slI0797	slI0798	slr1031	slr1032	slI0265	slI0266	slI0994	slI0995
slI0191	slI0416	slr5010	ssr5011	slr1418	slr1419	slI0370	slI0371

sl11695	sl11696	slr0710	slr0711	sl10450	sl10451	sl11450	sl11634
sl11624	sl11624	slr1178	slr1179	sl10005	sl10006	sl10360	sl10361
slr5105	ssr5106	sl10827	sl10828	ssr3570	ssr3571	slr2111	slr2112
sl10577	sl10578	slr1570	slr1571	slr2001	slr2002	slr6100	ssr6099
sl10594	sl10595	slr0482	slr0483	slr1942	ssr3304	slr0230	slr0231
slr0817	slr0818	slr1023	slr1024	sl11069	sl11070	slr6043	slr6044
sl11820	sl11821	slr1610	slr1611	slr0795	slr0796	slr0989	slr1951
slr1742	slr1743	slr1214	slr1215	slr6033	ssr6032	slr0678	slr0679
slr0111	slr0112	slr0603	slr0604	sl11613	sl11614	slr0059	slr0060
sl10488	sl10740	sl10163	sl10166	slr1393	slr1394	sl10501	sl10502
slr0007	slr0008	slr1508	slr1509	slr1338	slr1339	sl11677	sl11678
slr1228	slr1229	slr1676	slr1677	sl10536	sl10537	sl10743	sl10744
slr0664	slr0665	slr2015	slr2016	slr0658	slr0659	sl11390	ssl2717
sl16036	ssl6035	sl10058	sl10060	sl10803	sl10804	slr0954	ssr1600
slr1022	slr1023	slr6015	slr6016	slr6084	ssr6085	slr0146	slr0147
sl11533	sl11534	slr1379	slr1380	sl10296	ssl0564	slr1575	slr1576
sl11509	sl11510	slr0162	slr0163	sl10065	sl10066	sl10854	sl10855
slr6037	slr6038	sgl0001	ssl1045	sl10665	sl11710	slr1471	slr1472
sl10925	sl10926	slr1728	slr1729	sl10658	sl10659	slr1945	ssr3307
slr0711	slr0712	sl11314	sl11315	slr1603	slr1604	slr1668	ssr2786
slr1734	slr1735	slr1535	slr1536	slr0161	slr0162	sl16052	sl16053
slr2096	slr2097	sl11028	sl11029	sl10728	sl10729	sl11636	sl11900
slr0480	slr0482	slr0263	slr0264	slr2083	slr2084	sl11231	sl11232
slr1930	slr1931	slr1227	slr1228	sl10737	sl10738	sl11086	sl11087
sl10012	sl10666	slr0089	slr0090	slr1722	slr1723	slr0236	slr0744
slr0473	slr0474	slr1518	slr1519	slr5018	ssr5019	sl15079	sl15080
sl10067	sl10068	sl11799	sl11800	slr1485	slr1488	slr1537	slr1538
slr1519	slr1520	slr2095	slr2096	slr1270	slr1271	slr1165	slr1166
sl10860	sl11317	sl11941	slr0417	slr0913	slr0914	sl11499	sl11502
slr1024	slr1025	slr7059	slr7060	sl15003	sl15004	slr0520	slr0521
sl10867	sl10868	slr1550	slr1720	slr1050	ssr1736	sl11092	ssl2138
slr1212	slr1213	slr0815	slr0816	sl10042	sl10043	sl11899	ssl3580
sl11536	slr0821	slr1559	slr1560	slr7096	slr7097	slr0985	slr1610
sl11228	slr1044	sl11900	slr1348	sl10615	sl10616	sl17077	sl17078
sl11004	sl11005	slr1106	slr1107	slr0435	slr0436	slr0586	slr0587
sl10981	sl10982	sl10071	sl10072	slr1799	slr1800	sl11937	sl11938
slr1851	ssr3129	sl11471	slr2051	slr0580	slr0581	sl11852	sl11853
sl18042	sl18043	slr0925	slr1034	sl15097	ssl5096	slr1919	slr1920
slr1063	slr1225	slr0049	slr0440	sl11383	sl11384	sl11882	sl11883
sl11304	sl11785	sl10317	sl11474	sl10984	sl10985	slr0271	slr0272
slr0210	slr1044	slr7082	slr7083	slr0477	slr0479	slr1874	slr1875
sl10225	sl10226	slr1415	slr1416	sl11322	ssl2615	slr0927	slr0929
sl11182	sl11316	sl10166	sl10167	sl10677	sl11710	sl11560	sl11780
sl18004	ssl8003	slr6101	slr6102	slr1560	slr1562	sl11388	sl11389
slr0388	slr0769	sgl0002	sml0004	slr2125	slr2126	slr7071	ssr7072
sl15104	ssl5103	sl15028	ssl5027	sl10436	ssl0832	sl10891	sl10892
sl10785	sl10786	slr0272	slr0273	slr1683	slr1684	sl11109	sl11110
sl11803	sl11804	sl10240	sl10241	sl11123	sl11124	sl11571	sl11572
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sl11653	sl11654	slr5115	slr5116	slr2011	ssr3410	slr1044	slr1147
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sll0666	sll1716	slr1211	slr1212	slr1990	slr1991	slr1174	ssr1951
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slr1233	ssr2049	sl10651	sl10700	sl11316	sl11317	sl11382	slr0150
slr1690	slr1691	sl11404	sl11405	slr0525	slr0526	slr2044	slr2045
sl10630	sl10631	sl11472	sl11473	sl11292	sl11293	sl10932	ssl1784
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sl11202	sl11409	slr6050	slr6051	sl10007	sl10008	sl10909	sl10910
slr1943	ssr3304	sl11249	sl11250	sl11912	ssl3615	sl11802	ssl3432
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sl15032	ssl5031	sl11180	sl11181	sl10787	ssl1464	sl10223	ssl0410
slr1127	slr1128	slr0551	slr0552	sl10755	sl10756	slr1618	slr1619
ssl1920	ssl1922	sl11900	ssl3580	slr1195	slr1196	slr1679	ssr2799
slr0794	slr0795	sl10419	sl10420	slr1957	slr1958	slr1540	slr1541
slr1670	slr1672	slr1074	slr1075	slr0112	slr0114	sl10792	sl10793
sl11488	sl11489	sl10135	ssl0242	sl11658	sl11659	slr0983	slr0984
slr0038	slr0039	sl10094	sl10095	sl17050	ssl7051	sl10181	sl10182
sl17003	ssl7004	sl11443	sl11444	sl11348	sl11349	sl11579	sl11580
sl11079	sl11080	slr0818	slr0819	slr0746	slr0747	sl15130	sl15131
slr1852	slr1853	slr0935	slr0936	slr0145	slr0146	sl10272	sl10273
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slr6045	ssr6046	sl10020	slr0156	slr1855	slr1856	slr0075	slr0076
slr1245	ssr2078	sl11283	sl11284	slr1444	ssr2422	sl11821	sl11822
slr1090	ssr1789	sl11939	sl11940	sl11255	sl11780	slr1617	slr1618
sl11691	sl11692	sl17066	sl17067	slr1167	slr1168	sl10070	sl10071
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sl15035	sl15036	slr7092	ssr7093	sl10373	sl10374	slr0377	slr0378
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sl10629	sl10630	sl11983	sl11984	slr1235	slr1236	sl11483	sl11484
sl10822	sl10823	slr6013	slr6014	slr0415	slr0416	slr1969	ssr3341
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sll1883	sll1884	slr0756	slr0757	slr0156	slr1641	sll0647	sll0648
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slr0484	slr0487	sll0698	sll0699	slr2114	slr2115	sll0843	sll0844
sll1709	sll1710	ssl5007	ssl5008	slr1463	slr1464	slr1646	slr1647
slr1289	slr1290	sll1573	sll1574	sll5109	ssl5108	slr1396	slr1397
slr1045	slr1046	slr1490	slr1491	slr6100	slr6101	sll0690	ssl1300
sll1061	sll1062	slr1794	slr1795	slr1963	slr1964	slr1877	slr1878
slr1272	slr1273	sll1323	ssl2615	sll0145	sll0146	sll1151	ssl2296
sll0444	sll0445	slr1449	slr1450	sll0767	ssl1426	ssr5120	ssr5121
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slr0930	ssr1558	slr7080	ssr7079	slr0807	slr0808	slr1096	slr1097
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slr1944	slr1945	slr0288	slr0291	slr1364	slr1365	slr2002	slr2003
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sll0293	sll0294	slr0262	slr0263	sll1867	slr1311	slr0080	slr0081
sll1725	sll1726	slr1287	slr1288	slr1648	ssr2754	sll1510	sll1511
slr0321	slr0322	sll0400	sll0401	sll0873	ssl1633	slr0239	slr0240
slr0862	slr0863	sll0487	sll0488	sll2001	ssl2749	sll1103	sll1104
slr0072	slr0073	sll0856	sll0857	sll0788	sll0789	slr0456	slr0457
slr0149	slr0150	sll0716	sll1043	sll1926	sll1927	sll0648	sll0649
sll1321	sll1322	sll5066	ssl5065	sll1423	sll1424	slr1936	slr1937
slr0502	slr0609	sll5090	ssl5091	slr0041	slr0042	sll0224	sll0225
slr0737	slr0738	slr1484	slr1485	sll1281	sll1282	ssl3382	ssl3383
slr0624	slr0625	sll0776	slr1063	slr0380	slr0381	slr0210	ssr0332
slr6096	slr6097	slr7013	slr7014	sll1915	sll1916	sll1557	sll1558
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slI6053	slI6054	slr0171	slr0172	slI1030	slI1031	slr1601	smr0005
slr2082	slr2083	slI1763	slI1764	slI0709	slI0710	slr1327	ssr2201
slr1203	slr1204	slI1482	slI1483	smr0007	smr0008	slr1198	ssr2009
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slI0254	slr1254	slr0341	slr0784	slr6014	slr6015	slI1095	slI1096
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slr1934	slr1935	slr1576	slr1577	slI1775	slI1776	slI5128	ssl5129
slr0261	slr0262	slr0799	slr0800	slr0949	slr0950	slI0613	slI0614
slI0201	slI0700	slI1098	slI1099	slI7047	ssl7046	slI1737	slI1738
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slr0664	ssr1114	slr7016	ssr7017	slr0541	slr0542	slr1082	slr1083
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slI1162	slI1163	slr0886	slr0887	slr0959	slr0960	slr2016	slr2017
slr0770	slr0771	slr0386	slr0387	slr1721	slr1722	ssr0759	ssr0761
slI1221	slI1222	slr1729	ssr2912	slI0451	slI1542	slI1021	slI1022
slI0685	slI0686	slI1469	slI1712	slI0408	slI0409	slI0586	slI0587
slI1158	slI1159	slI1325	slI1326	slr1124	slr1125	slr0105	slr0106
slr0737	slr1655	slr1821	slr1822	slI1294	slI1296	slr1186	slr1187
slr1593	slr1594	slI0135	slI0136	slr0530	slr0531	slI1324	slI1325
slI1186	slI1187	slI1371	slI1372	slr1860	slr1861	slr0604	slr0605
slI7064	slI7065	slI1025	ssl1972	slI1057	slI1058	slr1392	ssr2333
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slI0776	slI1528	slI7033	slI7034	slr0092	slr0093	slr0904	slr0905
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slr1783	slr1784	slr0331	slr1291	slr0680	slr0681	slI1537	slI1538
slI1252	slI1253	slr1881	ssr3184	slI0508	slI0509	slr0804	slr0806
slr1672	slr1673	slr6074	slr6075	slr0918	slr0919	slr5017	slr5018
slI1749	slI1749a	slI1393	slI1394	slI1749	slI1750	slr1986	slr2067
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slr0743	slr0743a	slI1878	slI1879	slr0667	slr0668	slI1446	slI1447
slI1254	slI1255	slI0775	slI0776	slI0041	slI0042	slI1521	slI1522
slr6095	slr6096	slI0244	slI0245	slr1854	slr1855	slr6056	slr6057
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slI1941	slI1942	slI0222	slI0223	slI5047	slI5048	slr5023	slr5024
slr2113	slr2114	slI0524	ssl1004	slI0595	slI0596	slI0066	slI0067
slI0710	slI0711	slr1453	ssr2439	slr0951	slr0952	slI5059	slI5060
slr1803	slr2144	slI1807	slI1808	slr0533	slr0534		
slI2008	slI2009	slI0264	slI1869	slI0901	slI0902		
slr0775	slr0776	slI0572	slI0573	slI0397	slI0398		

Supplemental Table S4. Primers used for yeast two-hybrid experiments.

Name	Primer sequence (5'-3')
ndhA-FP	CGGAATTCATGACTTCAGGCATTGATCTTCAG
ndhA-RP	CCCCTCGAGCTAACCGCCAAAGGCCATGGGAAA
ndhB-FR	CCCCTCGAGATGGACTTTTCTAGTAACGTTGCA
ndhB-RR	CCCCTCGAGCTAGGGTAAATCATGGGAAATGGC
ndhH-FP	CCCCTCGAGATGCCGCCTTGCCTCCCAATGGC
ndhH-RP	CCCCTCGAGCTAGCGGTCCACCGATCCCATGAT
ndhI-FP	CCCCTCGAGATGTTTAACAACATTCTCAAACAG
ndhI-RP	CCCCTCGAGCTATTCTGCTTTCACCAAATCTTC
ndhJ-FP	CGGAATTCGTGGCTGAGGAAGTGAACCTCCCC
ndhJ-RP	CCCCTCGAGCTAATAGGCATCCTGGAGTTCGTA
ndhK-FP	CGGAATTCATGAGTCCCAACCCTGCTAACCCC
ndhK-RP	CCCCTCGAGTCAGCCACGGTTTAATTGCTCCTT
ndhO-FP	CGGAATTCATGGCCGCTAAAATGAAAAAGG
ndhO-RP	CCCCTCGAGCTAAGCCAGGGCTTCGATTTGG

Supplementary Table S5 Literature verification of predicted PPIs.

Pubmed ID	Protein A	Protein B	Experiments
19843617	slr1644	slr0506	Y2H
12966069	slr1098	slr1565	Y2H
9418040	slr1777	slr1030	Y2H
19542180	sll0698	ssl3451	Y2H
17921338	sll1867	sml0001	Y2H
17921338	slr1311	sml0001	Y2H
17921338	slr1181	sml0001	Y2H
15328351	sll1867	slr1311	Y2H
12232386	slr0737	slr1655	Y2H
12232386	ssr2831	sll0819	Y2H
21642457	sll0359	sll0822	Y2H
16109709	sll0985	ssl0707	Y2H
14730074	slr0342	slr0343	Y2H
14730074	sll1327	sll1326	Y2H
14730074	sll1735	sll1734	Y2H
14730074	sll1326	sll1325	Y2H
11532008	slr0473	slr0474	Y2H
8325373	slr1280	slr1281	Y2H
15262969	slr1185	sll1316	2MUTANT
10906128	slr0331	slr1291	2MUTANT
16049785	slr2051	sll1471	2MUTANT
11562454	sll1733	sll0027	2MUTANT
9211937	sll0258	sll1194	2MUTANT
7548017	sll0258	sll0427	2MUTANT
16002996	slr1693	slr1694	Y2H

Supplementary Table S6 Functional assignment for function-unknown proteins.

slr0299	G0:0072524	<1e-4	slr0317	G0:0048522	<1e-4	slr1260	G0:0043436	<1e-4	slr1737	G0:0015291	<1e-4	ssr3341	G0:0016020	0.3576
slr1906	G0:0006793	<1e-4	slr7099	G0:0008150	<1e-4	slr0503	G0:0043436	<1e-4	slr1062	G0:0015291	<1e-4	slr1097	G0:0016020	0.3576
sl11609	G0:0051716	<1e-4	ssr5092	G0:0009142	<1e-4	slr0613	G0:0006793	<1e-4	sl15132	G0:0015267	<1e-4	slr1407	G0:0016020	0.3576
ssr2615	G0:0022411	<1e-4	sl11632	G0:0019637	<1e-4	slr6101	G0:0009893	<1e-4	ssr2962	G0:0022891	<1e-4	sl11132	G0:0016020	0.3576
sl10022	G0:0019222	<1e-4	sl10793	G0:0022607	<1e-4	ssr2962	G0:0043549	<1e-4	slr6008	G0:0015293	<1e-4	sl16054	G0:0016020	0.3576
slr0053	G0:0006793	<1e-4	ss15064	G0:0031326	<1e-4	sl10487	G0:0009132	<1e-4	sl10749	G0:0016462	<1e-4	sl10400	G0:0016020	0.3576
slr0981	G0:0009132	<1e-4	slr1563	G0:0044282	<1e-4	sl10930	G0:0051171	<1e-4	sl10141	G0:0016741	<1e-4	slr7023	G0:0016020	0.3576
ssr5121	G0:0044260	<1e-4	slr1644	G0:0046128	<1e-4	slr7025	G0:0009126	<1e-4	slr1437	G0:0016462	<1e-4	sl11853	G0:0016020	0.3576
slr0304	G0:0080090	<1e-4	slr1169	G0:0006091	<1e-4	ssr1375	G0:0006091	<1e-4	sl11902	G0:0022838	<1e-4	sl10167	G0:0016020	0.3576
sl15030	G0:0044282	<1e-4	ss13382	G0:0043412	<1e-4	ss15007	G0:0052188	<1e-4	slr6103	G0:0022892	<1e-4	sl10863	G0:0016020	0.3576
slr7037	G0:0006732	<1e-4	sl11002	G0:0072524	<1e-4	sl10691	G0:0044281	<1e-4	slr1143	G0:0015291	<1e-4	slr1365	G0:0016020	0.3576
slr2105	G0:0009057	<1e-4	ssr2317	G0:0071496	<1e-4	sl10545	G0:0042180	<1e-4	sl11880	G0:0016741	<1e-4	sl10423	G0:0016020	0.3576
slr1150	G0:0006576	<1e-4	sl11608	G0:0043648	<1e-4	slr6068	G0:0071554	<1e-4	slr1778	G0:0015075	<1e-4	sl11880	G0:0016020	0.3576
slr1505	G0:0051188	<1e-4	slr7011	G0:0051188	<1e-4	ssr5121	G0:0055114	<1e-4	ssr2787	G0:0022892	<1e-4	ss10312	G0:0016020	0.3576
ssr2009	G0:0009124	<1e-4	slr1547	G0:0009263	<1e-4	ss10353	G0:0071496	<1e-4	sl10361	G0:0042623	<1e-4	slr1468	G0:0016020	0.3576
sl10639	G0:0006766	<1e-4	sl10888	G0:0071496	<1e-4	sl10793	G0:0019637	<1e-4	slr2048	G0:0016746	<1e-4	sl18032	G0:0016020	0.3576
ssr5019	G0:0009132	<1e-4	sl10780	G0:0010468	<1e-4	ssr3189	G0:0045184	<1e-4	sl18007	G0:0022836	<1e-4	sl15046	G0:0016020	0.3576
sl11233	G0:0006721	<1e-4	sl10995	G0:0045184	<1e-4	ss15114	G0:0006811	<1e-4	sl11505	G0:0008171	<1e-4	sl11766	G0:0016020	0.3576
slr1053	G0:0009059	<1e-4	sl10218	G0:0009308	<1e-4	sl11995	G0:0051186	<1e-4	slr1365	G0:0016741	<1e-4	sl11414	G0:0016020	0.3576
ss13692	G0:0080090	<1e-4	sl10444	G0:0009142	<1e-4	slr1240	G0:0001932	<1e-4	sl11853	G0:0042623	<1e-4	slr5119	G0:0016020	0.3576
slr1307	G0:0044106	<1e-4	slr0476	G0:0044283	<1e-4	sl10854	G0:0019219	<1e-4	sl12013	G0:0015405	<1e-4	slr1035	G0:0016020	0.3576
slr0192	G0:0071840	<1e-4	slr1436	G0:0009132	<1e-4	sl10670	G0:0043170	<1e-4	slr0482	G0:0043167	<1e-4	ss12245	G0:0016020	0.3576
sl10846	G0:0010556	<1e-4	sl11267	G0:0044003	<1e-4	sl10286	G0:0051186	<1e-4	slr1206	G0:0022803	<1e-4	sl10658	G0:0016020	0.3576
slr1519	G0:0044255	<1e-4	slr0207	G0:0009987	<1e-4	slr1122	G0:0051171	<1e-4	slr0581	G0:0042623	<1e-4	sl11155	G0:0016020	0.3576
ss17039	G0:0055114	<1e-4	slr0609	G0:0019219	<1e-4	sl10487	G0:0031323	<1e-4	sl11135	G0:0015077	<1e-4	sl11273	G0:0016020	0.3576
sl11784	G0:0006766	<1e-4	sl10765	G0:0071841	<1e-4	ss15100	G0:0006082	<1e-4	ss15100	G0:0005342	<1e-4	slr7015	G0:0016020	0.3576
sl11350	G0:0010556	<1e-4	sl11950	G0:0060255	<1e-4	slr0503	G0:0031323	<1e-4	slr0388	G0:0043492	<1e-4	sl10063	G0:0016020	0.3576
slr0978	G0:0006721	<1e-4	sl10614	G0:0065007	<1e-4	sl10496	G0:0006163	<1e-4	slr1303	G0:0008171	<1e-4	sl11461	G0:0016020	0.3576
slr0912	G0:0045184	<1e-4	slr1603	G0:0072522	<1e-4	ssr5106	G0:0019637	<1e-4	ss15108	G0:0015399	<1e-4	slr1068	G0:0016020	0.3576
slr1854	G0:0034654	<1e-4	ss15096	G0:0034660	<1e-4	sl11022	G0:0009126	<1e-4	slr1900	G0:0022890	<1e-4	sl10630	G0:0016020	0.3576
ssr2781	G0:0042180	<1e-4	sl11447	G0:0065007	<1e-4	sl11681	G0:0043436	<1e-4	slr0386	G0:0015077	<1e-4	sl10872	G0:0016020	0.3576
slr1273	G0:0006811	<1e-4	ss12814	G0:0051716	<1e-4	slr1084	G0:0009892	<1e-4	sl11396	G0:0022838	<1e-4	slr0148	G0:0016020	0.3576
sl11925	G0:0051186	<1e-4	sl10238	G0:0071554	<1e-4	sl10272	G0:0006766	<1e-4	slr6100	G0:0003674	<1e-4	slr1161	G0:0016020	0.3576
slr1865	G0:0050896	<1e-4	slr0169	G0:0009165	<1e-4	slr6049	G0:0043170	<1e-4	ss15068	G0:0022838	<1e-4	ss11792	G0:0016020	0.3576
ss13692	G0:0008150	<1e-4	slr1273	G0:0019222	<1e-4	slr0871	G0:0050794	<1e-4	sl11940	G0:0003674	<1e-4	sl10994	G0:0016020	0.3576
slr0313	G0:0019751	<1e-4	slr1726	G0:0055086	<1e-4	slr1566	G0:0046164	<1e-4	slr7094	G0:0022892	<1e-4	sl11764	G0:0016020	0.3576
slr6081	G0:0018130	<1e-4	sl10933	G0:0050794	<1e-4	sl10325	G0:0006220	<1e-4	sl10858	G0:0016746	<1e-4	slr6073	G0:0016020	0.3576
slr0848	G0:0048523	<1e-4	slr1926	G0:0072524	<1e-4	sl11068	G0:0019222	<1e-4	sl15044	G0:0016462	<1e-4	slr0388	G0:0016020	0.3576
sl11735	G0:0031326	<1e-4	slr6065	G0:0019637	<1e-4	sl10445	G0:0051246	<1e-4	sl11660	G0:0016818	<1e-4	slr6065	G0:0016020	0.3576
sl10253	G0:0044282	<1e-4	slr0876	G0:0006066	<1e-4	slr0709	G0:0009889	<1e-4	sl11289	G0:0008171	<1e-4	slr1619	G0:0016020	0.3576
sl10024	G0:0006066	<1e-4	sl11273	G0:0008610	<1e-4	slr6033	G0:0006576	<1e-4	slr1907	G0:0022838	<1e-4	slr1162	G0:0016020	0.3576
slr6068	G0:0072528	<1e-4	slr1107	G0:0009126	<1e-4	sl10168	G0:0046394	<1e-4	slr1917	G0:0015293	<1e-4	slr7083	G0:0016020	0.3576
sl10286	G0:0006082	<1e-4	slr1376	G0:0009144	<1e-4	slr1290	G0:0046483	<1e-4	sl10188	G0:0022857	<1e-4	sl11862	G0:0016020	0.3576
slr1415	G0:0071554	<1e-4	ss11417	G0:0043412	<1e-4	sl10048	G0:0051188	<1e-4	ss15098	G0:0003674	<1e-4	ss12920	G0:0016020	0.3576
ssr3410	G0:0051188	<1e-4	ssr0657	G0:0071841	<1e-4	slr2119	G0:0044282	<1e-4	slr0645	G0:0016818	<1e-4	sl10710	G0:0016020	0.3576
sl10853	G0:0009308	<1e-4	sl10630	G0:0006733	<1e-4	sl12006	G0:0044260	<1e-4	sl10585	G0:0043167	<1e-4	slr1069	G0:0016020	0.3576
slr0590	G0:0016054	<1e-4	ss10788	G0:0008150	<1e-4	slr6080	G0:0080090	<1e-4	sl10696	G0:0003674	<1e-4	slr1472	G0:0016020	0.3576
sl10847	G0:0006220	<1e-4	sl11446	G0:0010556	<1e-4	slr6008	G0:0010556	<1e-4	sl11532	G0:0022892	<1e-4	sl11004	G0:0016020	0.3576
slr0358	G0:0001932	<1e-4	ssr2009	G0:0009262	<1e-4	slr0380	G0:0006082	<1e-4	ssr5121	G0:0042623	<1e-4	slr1270	G0:0016020	0.3576
slr1241	G0:0009263	<1e-4	slr1033	G0:0052111	<1e-4	slr0476	G0:0044260	<1e-4	sl11192	G0:0016746	<1e-4	slr1363	G0:0016020	0.3576
ss11300	G0:0044248	<1e-4	sl17067	G0:0009991	<1e-4	sl10325	G0:0046394	<1e-4	ssr2998	G0:0015077	<1e-4	sl15032	G0:0016020	0.3576
slr0148	G0:0009199	<1e-4	sl11130	G0:0044283	<1e-4	sl10424	G0:0050789	<1e-4	slr1240	G0:0016462	<1e-4	slr0393	G0:0016020	0.3576
sl10909	G0:0052111	<1e-4	slr0962	G0:0009262	<1e-4	slr0634	G0:0010468	<1e-4	slr1956	G0:0022803	<1e-4	slr1378	G0:0016020	0.3576

sl10160	G0:0018130	<1e-4	sl11797	G0:0009987	<1e-4	slr1812	G0:0051186	<1e-4	slr0586	G0:0016741	<1e-4	slr0145	G0:0016020	0.3576
ssl3829	G0:0006732	<1e-4	slr2049	G0:0072521	<1e-4	slr7095	G0:0031640	<1e-4	ssr6089	G0:0003674	<1e-4	ssr6003	G0:0016020	0.3576
slr1959	G0:0009150	<1e-4	sl11106	G0:0006811	<1e-4	slr1790	G0:0001932	<1e-4	sl15030	G0:0022891	<1e-4	sl10436	G0:0016020	0.3576
sl11186	G0:0048518	<1e-4	sl10098	G0:0006082	<1e-4	slr0408	G0:0009124	<1e-4	slr0668	G0:0015399	<1e-4	sl10815	G0:0016020	0.3576
sl11681	G0:0009132	<1e-4	sl10406	G0:0043436	<1e-4	sl11873	G0:0072521	<1e-4	ssr5092	G0:0043167	<1e-4	sl11396	G0:0016020	0.3576
sl10980	G0:0046164	<1e-4	slr1186	G0:0050794	<1e-4	slr1753	G0:0050789	<1e-4	sl11722	G0:0022836	<1e-4	slr0959	G0:0016020	0.3576
slr0980	G0:0008610	<1e-4	slr1864	G0:0009056	<1e-4	slr1441	G0:0031323	<1e-4	sl10180	G0:0008171	<1e-4	slr1484	G0:0016020	0.3576
ssr2047	G0:0005996	<1e-4	sl17065	G0:0016052	<1e-4	slr1301	G0:0044003	<1e-4	slr0516	G0:0022857	<1e-4	sl15062	G0:0016020	0.3576
slr1544	G0:0009262	<1e-4	sl10068	G0:0060255	<1e-4	sl18032	G0:0080090	<1e-4	ssr7035	G0:0043492	<1e-4	slr1116	G0:0016020	0.3576
slr1327	G0:0042455	<1e-4	sl11381	G0:0009126	<1e-4	sl10639	G0:0043170	<1e-4	slr0981	G0:0022803	<1e-4	slr1566	G0:0016020	0.3576
slr1956	G0:0044248	<1e-4	sl10174	G0:0044003	<1e-4	ss17021	G0:0009263	<1e-4	sl10781	G0:0015267	<1e-4	slr0179	G0:0016020	0.3576
slr2011	G0:0008150	<1e-4	slr5013	G0:0009394	<1e-4	slr0476	G0:0006811	<1e-4	sl10702	G0:0015077	<1e-4	slr7095	G0:0016020	0.3576
slr1616	G0:0048518	<1e-4	ssr1155	G0:0006091	<1e-4	sl15033	G0:0044003	<1e-4	slr0147	G0:0022838	<1e-4	sl15034	G0:0016020	0.3576
sl10984	G0:0034654	<1e-4	ss10739	G0:0044255	<1e-4	slr0317	G0:0044255	<1e-4	ss11690	G0:0016746	<1e-4	sl11130	G0:0016020	0.3576
slr1557	G0:0042180	<1e-4	sl10023	G0:0043933	<1e-4	ssr1391	G0:0043549	<1e-4	sl10925	G0:0043492	<1e-4	ssr0332	G0:0016020	0.3576
slr7071	G0:0006766	<1e-4	sl11510	G0:0046394	<1e-4	sl11542	G0:0072527	<1e-4	ss17007	G0:0060089	<1e-4	sl10518	G0:0016020	0.3576
slr0505	G0:0006720	<1e-4	sl11401	G0:0044271	<1e-4	ss11918	G0:0006066	<1e-4	slr0890	G0:0016817	<1e-4	sl11166	G0:0008152	0.3466
ssr7093	G0:0051179	<1e-4	slr6081	G0:0009263	<1e-4	slr0059	G0:0019222	<1e-4	sl11036	G0:0015291	<1e-4	sl11247	G0:0008152	0.3466
sl10981	G0:0050801	<1e-4	sl11541	G0:0006811	<1e-4	ssr7093	G0:0009126	<1e-4	slr2121	G0:0022832	<1e-4	slr1533	G0:0008152	0.3466
slr0967	G0:0009309	<1e-4	sl11477	G0:0050801	<1e-4	sl10062	G0:0043648	<1e-4	sl11722	G0:0016462	<1e-4	ssr1375	G0:0008152	0.3466
slr7060	G0:0008610	<1e-4	slr0142	G0:0006066	<1e-4	slr1566	G0:0048519	<1e-4	slr0404	G0:0022857	<1e-4	slr1034	G0:0008152	0.3466
sl11461	G0:0006811	<1e-4	ssr7084	G0:0051234	<1e-4	sg10002	G0:0009161	<1e-4	sl10995	G0:0015399	<1e-4	sl11060	G0:0008152	0.3466
slr0272	G0:0065007	<1e-4	slr0590	G0:0009144	<1e-4	sl11995	G0:0034654	<1e-4	sl18032	G0:0008171	<1e-4	slr1900	G0:0008152	0.3466
sl10590	G0:0009126	<1e-4	ssr2787	G0:0033013	<1e-4	slr0059	G0:0034660	<1e-4	slr1288	G0:0043167	<1e-4	ssr1698	G0:0008152	0.3466
slr8014	G0:0008150	<1e-4	sl17089	G0:0006720	<1e-4	sl10405	G0:0022411	<1e-4	slr0789	G0:0005342	<1e-4	sl10360	G0:0008152	0.3466
slr1074	G0:0044282	<1e-4	sl11651	G0:0044283	<1e-4	slr1116	G0:0072521	<1e-4	slr1851	G0:0016741	<1e-4	slr1107	G0:0008152	0.3466
slr1726	G0:0048518	<1e-4	slr1413	G0:0044003	<1e-4	slr0491	G0:0046907	<1e-4	ssl3829	G0:0015405	<1e-4	sl10499	G0:0008152	0.3466
slr1082	G0:0008150	<1e-4	slr0092	G0:0051179	<1e-4	slr0579	G0:0048522	<1e-4	slr0637	G0:0015267	<1e-4	sl11715	G0:0008152	0.3466
sl11049	G0:0009263	<1e-4	slr2012	G0:0051179	<1e-4	slr1676	G0:0009161	<1e-4	slr0655	G0:0022803	<1e-4	sl10096	G0:0008152	0.3466
ssr2553	G0:0009991	<1e-4	slr1437	G0:0051171	<1e-4	slr1429	G0:0060255	<1e-4	ssr3571	G0:0005342	<1e-4	ssr3532	G0:0008152	0.3466
sl10505	G0:0009150	<1e-4	ssr1391	G0:0050789	<1e-4	sl11654	G0:0009059	<1e-4	slr0592	G0:0022890	<1e-4	sl10274	G0:0008152	0.3466
slr1073	G0:0016053	<1e-4	slr1084	G0:0080090	<1e-4	slr1659	G0:0055082	<1e-4	slr0392	G0:0015267	<1e-4	slr0305	G0:0008152	0.3466
sl10552	G0:0051716	<1e-4	slr0489	G0:0044283	<1e-4	slr1071	G0:0006066	<1e-4	slr7015	G0:0003674	<1e-4	slr1083	G0:0008152	0.3466
sl11658	G0:0006811	<1e-4	sl10847	G0:0046128	<1e-4	slr6049	G0:0046128	<1e-4	slr1235	G0:0022891	<1e-4	slr1896	G0:0008152	0.3466
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slr1023	GO:0016788	0.0101	slr1768	GO:0016853	0.0067	slr0517	GO:0007154	0.0047	sl11218	GO:0005216	0.0038	ss16035	GO:0016853	0.0024
slr1896	GO:0016788	0.0101	slr6004	GO:0016853	0.0067	slr1152	GO:0006790	0.0047	slr1107	GO:0046873	0.0038	slr0273	GO:0016853	0.0024
sl10301	GO:0016788	0.0101	slr0960	GO:0016853	0.0067	ss15114	GO:0007154	0.0047	ss10787	GO:0046873	0.0038	sl11912	GO:0043169	0.0024
ss10109	GO:0016788	0.0101	slr1923	GO:0016853	0.0067	sl10691	GO:0007154	0.0047	sl11060	GO:0046873	0.0038	ssr6019	GO:0016853	0.0024
ssr1698	GO:0016788	0.0101	slr1495	GO:0008324	0.0067	slr0810	GO:0006139	0.0047	sl10785	GO:0016829	0.0038	slr0217	GO:0016853	0.0024
slr1045	GO:0016788	0.0101	slr1179	GO:0016853	0.0067	slr0232	GO:0006790	0.0047	slr0360	GO:0016829	0.0038	ssr1041	GO:0016853	0.0024
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sl10096	GO:0016788	0.0101	ssr2912	GO:0016853	0.0067	sl11289	GO:0007154	0.0047	sl10645	GO:0016829	0.0038	slr1789	GO:0016853	0.0024
slr0304	GO:0016788	0.0101	ss15095	GO:0016853	0.0067	sl10749	GO:0007154	0.0047	sl10854	GO:0046873	0.0038	slr1507	GO:0016853	0.0024
slr0209	GO:0016788	0.0101	slr0440	GO:0016853	0.0067	sl10327	GO:0007154	0.0047	slr1885	GO:0016829	0.0038	slr0645	GO:0016853	0.0024
slr1083	GO:0016788	0.0101	sl11853	GO:0016853	0.0067	slr0650	GO:0006790	0.0047	sl11061	GO:0016829	0.0038	slr1495	GO:0043169	0.0024
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slr0545	GO:0016788	0.0101	sl12015	GO:0016853	0.0067	slr1970	GO:0007154	0.0047	slr0770	GO:0016829	0.0038	sl11315	GO:0006520	0.0023
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sl10296	GO:0016788	0.0101	sl10630	GO:0016853	0.0067	sl11505	GO:0006790	0.0047	sl10413	GO:0008233	0.0038	slr0317	GO:0044249	0.0023
ssl10787	GO:0016788	0.0101	ssl7046	GO:0016853	0.0067	sl111730	GO:0006790	0.0047	sl10216	GO:0016829	0.0038	slr1593	GO:0006520	0.0023
slr0551	GO:0016788	0.0101	sl10611	GO:0016853	0.0067	sl11239	GO:0006790	0.0047	slr2144	GO:0016829	0.0038	slr1210	GO:0006520	0.0023
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slr7097	GO:0006812	0.01	sl11217	GO:0016853	0.0067	slr0699	GO:0007154	0.0047	sl11934	GO:0046873	0.0038	slr0006	GO:0006520	0.0023
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sl10585	GO:0006812	0.01	sl11862	GO:0016853	0.0067	slr0341	GO:0006139	0.0047	slr1391	GO:0005216	0.0038	slr0103	GO:0006520	0.0023
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slr1210	G0:0008324	0.01	slr1306	G0:0044267	0.0066	slr0606	G0:0005216	0.0046	slr2070	G0:0044267	0.0036	slr5016	G0:0044238	0.0022
slr1177	G0:0016810	0.01	slr7037	G0:0044267	0.0066	sl11142	G0:0004872	0.0046	ssr6079	G0:0006520	0.0036	ssr5106	G0:0044238	0.0022
sl11965	G0:0016810	0.01	slr1195	G0:0044267	0.0066	sl110405	G0:0004872	0.0046	slr0142	G0:0006520	0.0036	slr6044	G0:0006725	0.0022
slr1275	G0:0008324	0.01	slr8014	G0:0044267	0.0066	sl110160	G0:0016810	0.0046	slr1753	G0:0006520	0.0036	sl10670	G0:0006725	0.0022
sl11315	G0:0008324	0.01	slr0489	G0:0044267	0.0066	slr11127	G0:0016853	0.0046	sl10218	G0:0006520	0.0036	ssr7093	G0:0006725	0.0022
sl10676	G0:0008324	0.01	slr1600	G0:0044267	0.0066	sl11318	G0:0016853	0.0046	slr7100	G0:0044267	0.0036	sl11106	G0:0044238	0.0022
sl10780	G0:0016810	0.01	sl11797	G0:0044267	0.0066	sl10253	G0:0016810	0.0046	sl117078	G0:0044267	0.0036	slr1935	G0:0006725	0.0022
ssl2065	G0:0008324	0.01	sl11863	G0:0044267	0.0066	slr5101	G0:0004872	0.0046	sl117031	G0:0044267	0.0036	slr6028	G0:0006725	0.0022
sl10756	G0:0008324	0.01	ssr1407	G0:0044267	0.0066	ssl1520	G0:0005216	0.0046	sl111049	G0:0044267	0.0036	sl11698	G0:0044238	0.0022
slr0668	G0:0008324	0.01	sl11396	G0:0044267	0.0066	sl110984	G0:0004872	0.0046	ssl5100	G0:0044267	0.0036	slr7023	G0:0006725	0.0022
slr0392	G0:0008324	0.01	slr0552	G0:0044267	0.0066	sl112011	G0:0016810	0.0046	slr0521	G0:0044267	0.0036	slr1170	G0:0044238	0.0022
slr0192	G0:0008324	0.01	slr0333	G0:0044267	0.0066	sl117063	G0:0005216	0.0046	ssl18028	G0:0044267	0.0036	sl115132	G0:0044238	0.0022
slr0364	G0:0008324	0.01	ssr1499	G0:0044267	0.0066	slr0313	G0:0004872	0.0046	sl11921	G0:0006520	0.0036	slr5018	G0:0006725	0.0022
slr0770	G0:0008324	0.01	ssr0102	G0:0044267	0.0066	sl111132	G0:0005216	0.0046	sl111158	G0:0044267	0.0036	slr0199	G0:0006725	0.0022
sl10381	G0:0016810	0.01	ssl1923	G0:0044267	0.0066	sl111681	G0:0004872	0.0046	ssr2611	G0:0006520	0.0036	slr0325	G0:0044238	0.0022
slr0006	G0:0016810	0.01	slr5119	G0:0044267	0.0066	slr1990	G0:0016810	0.0046	slr1704	G0:0044267	0.0036	slr0142	G0:0006725	0.0022
slr0204	G0:0008324	0.01	slr0959	G0:0044267	0.0066	slr0039	G0:0016810	0.0046	sl111192	G0:0044267	0.0036	slr5016	G0:0006725	0.0022

ss10242	GO:0008324	0.01	s110241	GO:0044267	0.0066	s1r2004	GO:0004872	0.0046	s110189	GO:0044249	0.0036	ss17046	GO:0006725	0.0022
ss10352	GO:0008324	0.01	s1r1920	GO:0044267	0.0066	s1r1863	GO:0005216	0.0046	s1r1378	GO:0006520	0.0036	s1r7082	GO:0006725	0.0022
s1r1203	GO:0008324	0.01	s1r1468	GO:0044267	0.0066	ssr7079	GO:0004872	0.0046	s1r6047	GO:0006520	0.0036	s1r1472	GO:0006725	0.0022
s111530	GO:0008324	0.01	s110846	GO:0044267	0.0066	s1r0304	GO:0016853	0.0046	s111174	GO:0006790	0.0036	s1r6047	GO:0006725	0.0022
s111061	GO:0016810	0.01	s1r6049	GO:0044267	0.0066	s1r0865	GO:0004872	0.0046	s1r6016	GO:0044267	0.0036	ss12138	GO:0044238	0.0022
s111613	GO:0016810	0.01	s111446	GO:0008233	0.0066	ssr0657	GO:0016810	0.0046	s1r2125	GO:0044249	0.0036	s115069	GO:0006725	0.0022
ssr2755	GO:0016810	0.01	s110446	GO:0008233	0.0066	ss11690	GO:0016810	0.0046	s1r7015	GO:0006520	0.0036	s1r0334	GO:0044238	0.0022
s1r1530	GO:0008324	0.01	s111995	GO:0016874	0.0066	ssr6083	GO:0004872	0.0046	s1r6081	GO:0044267	0.0036	ss17022	GO:0006725	0.0022
s110010	GO:0016810	0.01	s1r1644	GO:0016772	0.0066	s111109	GO:0005216	0.0046	s1r0480	GO:0006790	0.0036	s1r1186	GO:0006725	0.0022
s111002	GO:0008324	0.01	s111272	GO:0016874	0.0066	ssr6078	GO:0004872	0.0046	s110761	GO:0006520	0.0036	s1r2103	GO:0006725	0.0022
s1r0023	GO:0016810	0.01	s1r1591	GO:0016874	0.0066	s111939	GO:0005216	0.0046	s111400	GO:0006520	0.0036	s110286	GO:0044262	0.0022
s110944	GO:0008324	0.01	s1r1774	GO:0016874	0.0066	s1r0209	GO:0016853	0.0046	s110710	GO:0006520	0.0036	s110294	GO:0006725	0.0022
s1r0586	GO:0016810	0.01	s110656	GO:0016874	0.0066	s111381	GO:0016810	0.0046	s111054	GO:0044249	0.0036	s110625	GO:0006725	0.0022
s110785	GO:0016810	0.01	s1r0818	GO:0008233	0.0066	s1r1513	GO:0016810	0.0046	s110615	GO:0006790	0.0036	s1r7013	GO:0006725	0.0022
s111315	GO:0016810	0.01	s110735	GO:0016874	0.0066	s111254	GO:0004872	0.0046	s117050	GO:0044267	0.0036	ss17038	GO:0006725	0.0022
s111530	GO:0016810	0.01	s117086	GO:0015031	0.0065	s1r0291	GO:0016810	0.0046	ssr6078	GO:0044267	0.0036	ss11378	GO:0044238	0.0022
s1r1436	GO:0016810	0.01	s118035	GO:0015031	0.0065	ss15065	GO:0005216	0.0046	s110765	GO:0044267	0.0036	s118027	GO:0044238	0.0022
s110325	GO:0008324	0.01	s1r5077	GO:0015031	0.0065	ssr2998	GO:0016810	0.0046	s1r1493	GO:0044249	0.0036	s111939	GO:0006725	0.0022
ssr1765	GO:0016810	0.01	s118040	GO:0015031	0.0065	s110436	GO:0005216	0.0046	s117066	GO:0006520	0.0036	s111380	GO:0044238	0.0022
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s110237	GO:0008324	0.01	s1r1970	GO:0015031	0.0065	s110479	GO:0004872	0.0046	s111217	GO:0006520	0.0036	s118033	GO:0006725	0.0022
s110982	GO:0016810	0.01	s1r0270	GO:0015031	0.0065	ssr6078	GO:0016810	0.0046	s117064	GO:0006520	0.0036	ssr1473	GO:0006725	0.0022
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s1r0294	GO:0016810	0.01	s1r1886	GO:0015031	0.0065	ssr1155	GO:0004872	0.0046	s1r1799	GO:0006790	0.0036	s117089	GO:0006725	0.0022
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s1r1084	GO:0008324	0.01	s1r0241	GO:0015031	0.0065	s111606	GO:0005216	0.0046	s1r0810	GO:0006886	0.0036	ss11046	GO:0044238	0.0022
s1r1266	GO:0016810	0.01	ss16035	GO:0015031	0.0065	s110710	GO:0005216	0.0046	s111925	GO:0044249	0.0036	s1r0273	GO:0006725	0.0022
s110085	GO:0008324	0.01	s115028	GO:0015031	0.0065	s1r1721	GO:0005216	0.0046	s1r0780	GO:0044267	0.0036	s1r8022	GO:0006725	0.0022
s110198	GO:0016810	0.01	s115069	GO:0015031	0.0065	s110630	GO:0005216	0.0046	s1r7060	GO:0044267	0.0036	s1r6080	GO:0006725	0.0022
s1r1230	GO:0016810	0.01	ss11918	GO:0015031	0.0065	s117078	GO:0016810	0.0046	s1r0455	GO:0044249	0.0036	s1r7026	GO:0006725	0.0022
s1r0404	GO:0008324	0.01	s1r1449	GO:0015031	0.0065	s1r0082	GO:0016810	0.0046	s1r1391	GO:0006790	0.0036	ss17045	GO:0044238	0.0022
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s111086	GO:0016810	0.01	s1r5127	GO:0015031	0.0065	s110815	GO:0005216	0.0046	s1r0199	GO:0006520	0.0036	ssr8013	GO:0044238	0.0022
s110645	GO:0008324	0.01	s110625	GO:0015031	0.0065	ssr8047	GO:0016810	0.0046	s1r1875	GO:0044267	0.0036	s1r1864	GO:0006725	0.0022
s110785	GO:0008324	0.01	s1r1670	GO:0015031	0.0065	s1r2000	GO:0016810	0.0046	s110625	GO:0044267	0.0036	s111692	GO:0006725	0.0022
ssr3122	GO:0008324	0.01	ssr7017	GO:0015031	0.0065	sg10001	GO:0005216	0.0046	sm10011	GO:0044249	0.0036	s110328	GO:0006725	0.0022
s111835	GO:0016810	0.01	s111254	GO:0015031	0.0065	s1r0380	GO:0005216	0.0046	s1r0517	GO:0044267	0.0036	s1r0655	GO:0006725	0.0022
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s1r0103	GO:0008324	0.01	s117033	GO:0015031	0.0065	s1r0813	GO:0016810	0.0046	s1r0059	GO:0006520	0.0036	s110913	GO:0006725	0.0022
s1r1788	GO:0016810	0.01	s111834	GO:0015031	0.0065	s111162	GO:0005216	0.0046	s111763	GO:0019538	0.0036	s1r0959	GO:0006725	0.0022
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ss12807	GO:0007154	0.0098	ss17007	GO:0015031	0.0065	s1r1472	GO:0005216	0.0046	s110162	GO:0044267	0.0036	s1r0271	GO:0006725	0.0022
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s1r1880	GO:0007154	0.0098	ssr1558	GO:0015031	0.0065	s110397	GO:0005216	0.0046	s1r2049	GO:0044267	0.0036	s110405	GO:0044238	0.0022
s110309	GO:0007154	0.0098	ss11046	GO:0015031	0.0065	s1r6028	GO:0004872	0.0046	s115130	GO:0006520	0.0036	s118011	GO:0044238	0.0022
s110280	GO:0007154	0.0098	s111009	GO:0015031	0.0065	s1r1677	GO:0005216	0.0046	s111340	GO:0044267	0.0036	s110498	GO:0006725	0.0022
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s110524	GO:0007154	0.0098	s1r6087	GO:0015031	0.0065	s111940	GO:0016810	0.0046	ss10294	GO:0019538	0.0036	s1r6045	GO:0044238	0.0022
s1r0668	GO:0007154	0.0098	s1r6104	GO:0015031	0.0065	s1r7091	GO:0016810	0.0046	s115003	GO:0044267	0.0036	s110479	GO:0006725	0.0022
s110325	GO:0007154	0.0098	ssr0761	GO:0015031	0.0065	ssr7017	GO:0016810	0.0046	s111882	GO:0044267	0.0036	s110168	GO:0006725	0.0022

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slr0845	GO:0007154	0.0098	s110031	GO:0015031	0.0065	slr0106	GO:0004872	0.0046	s111389	GO:0006520	0.0036	slr5077	GO:0044238	0.0022
s111563	GO:0007154	0.0098	slr1780	GO:0015031	0.0065	ssr3129	GO:0004872	0.0046	s110994	GO:0006520	0.0036	slr1886	GO:0006725	0.0022
slr1385	GO:0016874	0.0098	s115003	GO:0015031	0.0065	slr0865	GO:0016810	0.0046	slr0637	GO:0044267	0.0036	s111062	GO:0006725	0.0022
s111858	GO:0016874	0.0098	ssr6030	GO:0015031	0.0065	slr1168	GO:0005216	0.0046	slr1513	GO:0044267	0.0036	slr1563	GO:0044238	0.0022
ss11255	GO:0016874	0.0098	slr6016	GO:0015031	0.0065	slr1261	GO:0005216	0.0046	s110749	GO:0044267	0.0036	slr0976	GO:0044238	0.0022
slr0810	GO:0016874	0.0098	s111131	GO:0015031	0.0065	ss11690	GO:0004872	0.0046	slr0769	GO:0006520	0.0036	s110478	GO:0006725	0.0022
slr1603	GO:0016874	0.0098	slr1875	GO:0015031	0.0065	slr2070	GO:0004872	0.0046	s111380	GO:0044267	0.0036	s118001	GO:0044238	0.0022
ssr2843	GO:0016874	0.0098	ss12162	GO:0015031	0.0065	slr1896	GO:0016853	0.0046	slr1079	GO:0044267	0.0036	slr0907	GO:0006725	0.0022
s111737	GO:0016874	0.0098	s111142	GO:0015031	0.0065	slr0708	GO:0004872	0.0046	slr0784	GO:0006520	0.0036	slr1425	GO:0006725	0.0022
slr0341	GO:0016874	0.0098	slr2117	GO:0015031	0.0065	slr6068	GO:0004872	0.0046	s111247	GO:0006790	0.0036	s110060	GO:0006725	0.0022
slr0592	GO:0006629	0.0097	s118001	GO:0015031	0.0065	s111095	GO:0016810	0.0046	slr1070	GO:0044249	0.0036	ssr2972	GO:0044238	0.0022
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slr1162	GO:0006629	0.0097	slr0208	GO:0015031	0.0064	s117070	GO:0004872	0.0046	slr1566	GO:0006520	0.0036	ss11552	GO:0044238	0.0022
slr1306	GO:0006629	0.0097	ssr1258	GO:0015031	0.0064	s111142	GO:0016810	0.0046	s117077	GO:0044267	0.0036	slr1737	GO:0044238	0.0022
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s110102	GO:0006629	0.0097	ssr2781	GO:0006164	0.0064	s111797	GO:0005216	0.0046	ssr2975	GO:0044267	0.0036	slr0400	GO:0006725	0.0022
s110860	GO:0006629	0.0097	s111071	GO:0005216	0.0064	s111433	GO:0016853	0.0046	s110735	GO:0015031	0.0036	slr1378	GO:0006725	0.0022
slr2119	GO:0006629	0.0097	slr1862	GO:0005216	0.0064	slr7016	GO:0005216	0.0046	s111906	GO:0006520	0.0036	ssr6048	GO:0006725	0.0022
s111355	GO:0006629	0.0097	s110412	GO:0005216	0.0064	ssr6048	GO:0005216	0.0046	s111142	GO:0044267	0.0036	ssr2318	GO:0044238	0.0022
s111025	GO:0006629	0.0097	s111582	GO:0005216	0.0064	slr5018	GO:0005216	0.0046	slr1668	GO:0044249	0.0036	slr8022	GO:0044238	0.0022
slr6080	GO:0006629	0.0097	slr1690	GO:0005216	0.0064	s111609	GO:0004872	0.0046	slr1442	GO:0044267	0.0036	ssr6026	GO:0006725	0.0022
ssr1951	GO:0006629	0.0097	s110156	GO:0005216	0.0064	s111217	GO:0005216	0.0046	slr1519	GO:0006790	0.0036	slr5127	GO:0044238	0.0022
slr0964	GO:0006629	0.0097	s111399	GO:0005216	0.0064	s115044	GO:0005216	0.0046	ssr7093	GO:0044267	0.0036	s110553	GO:0006725	0.0022
s111571	GO:0006629	0.0097	slr0664	GO:0005216	0.0064	slr6090	GO:0005216	0.0046	s111891	GO:0044267	0.0036	s110162	GO:0044238	0.0022
s111401	GO:0006629	0.0097	s110319	GO:0005216	0.0064	slr5024	GO:0016810	0.0046	ss18008	GO:0044249	0.0036	slr0509	GO:0006725	0.0022
slr5017	GO:0006629	0.0097	s110787	GO:0005216	0.0064	ssr0761	GO:0016810	0.0046	slr1376	GO:0006790	0.0036	s110793	GO:0006725	0.0022
s111651	GO:0006629	0.0097	slr1240	GO:0005216	0.0064	slr8014	GO:0005216	0.0046	sg10002	GO:0006520	0.0036	slr1623	GO:0044238	0.0022
s117063	GO:0006629	0.0097	slr0962	GO:0005216	0.0064	slr6065	GO:0005216	0.0046	s111131	GO:0044267	0.0036	ssr3402	GO:0044238	0.0022
s110802	GO:0006629	0.0097	slr0373	GO:0005216	0.0064	slr0598	GO:0005216	0.0046	slr1327	GO:0044267	0.0036	slr0356	GO:0006725	0.0022
slr6007	GO:0006629	0.0097	s111390	GO:0005216	0.0064	sg10002	GO:0005216	0.0046	s117062	GO:0006520	0.0036	slr1174	GO:0044238	0.0022
slr6066	GO:0006629	0.0097	slr1053	GO:0005216	0.0064	slr1407	GO:0005216	0.0046	s111765	GO:0006520	0.0036	slr0148	GO:0006725	0.0022
ss13451	GO:0006629	0.0097	s110995	GO:0005216	0.0064	s111573	GO:0004872	0.0046	s110939	GO:0044267	0.0036	s111834	GO:0044238	0.0022
ss15099	GO:0006629	0.0097	slr1383	GO:0005216	0.0064	s111942	GO:0016853	0.0046	slr0272	GO:0044249	0.0036	s117070	GO:0006725	0.0022
slr1958	GO:0006629	0.0097	s111304	GO:0005216	0.0064	s110102	GO:0005216	0.0046	s117030	GO:0044267	0.0036	slr1737	GO:0006725	0.0022
s111163	GO:0006629	0.0097	s110980	GO:0005216	0.0064	slr5111	GO:0016810	0.0046	slr2110	GO:0044267	0.0036	ss10294	GO:0007154	0.0022
ssr2422	GO:0006629	0.0097	s110564	GO:0005216	0.0064	slr0656	GO:0004872	0.0046	slr0285	GO:0044267	0.0036	slr6012	GO:0044238	0.0022
slr7095	GO:0006629	0.0097	s111225	GO:0005216	0.0064	ss16035	GO:0016810	0.0046	ssr0692	GO:0015031	0.0036	s111486	GO:0006725	0.0022
slr1397	GO:0006629	0.0097	ssr1552	GO:0005216	0.0064	s110174	GO:0005216	0.0046	slr1196	GO:0006790	0.0036	s111285	GO:0006725	0.0022
slr1168	GO:0006629	0.0097	slr0815	GO:0005216	0.0064	s110296	GO:0016853	0.0046	ss15064	GO:0044267	0.0036	ss12384	GO:0044238	0.0022
slr0505	GO:0006629	0.0097	slr1590	GO:0005216	0.0064	slr1737	GO:0004872	0.0046	ssr3572	GO:0044267	0.0036	s115004	GO:0044238	0.0022
s110846	GO:0006629	0.0097	s111925	GO:0005216	0.0064	ss17022	GO:0016810	0.0046	s110478	GO:0006520	0.0036	slr1537	GO:0006725	0.0022
s110751	GO:0006629	0.0097	slr1074	GO:0005216	0.0064	s111106	GO:0016810	0.0046	ssr5020	GO:0006520	0.0036	slr1535	GO:0006725	0.0022
slr1956	GO:0006629	0.0097	s111634	GO:0005216	0.0064	slr1207	GO:0005216	0.0046	slr1896	GO:0006790	0.0036	slr6016	GO:0006725	0.0022
s110760	GO:0006629	0.0097	s110359	GO:0005216	0.0064	slr8021	GO:0016810	0.0046	s110513	GO:0006790	0.0036	s111652	GO:0006725	0.0022
slr0179	GO:0006629	0.0097	ssr3300	GO:0005216	0.0064	slr0870	GO:0005216	0.0046	s111715	GO:0006790	0.0036	slr5126	GO:0044238	0.0022
s111062	GO:0006629	0.0097	slr0680	GO:0005216	0.0064	slr0960	GO:0005216	0.0046	s111135	GO:0006790	0.0036	slr1577	GO:0044238	0.0022
ss11464	GO:0006629	0.0097	slr0554	GO:0005216	0.0064	ss13829	GO:0004872	0.0046	s110752	GO:0044249	0.0036	s111921	GO:0006725	0.0022
ss15031	GO:0006629	0.0097	slr1940	GO:0005216	0.0064	slr5013	GO:0004872	0.0046	slr0981	GO:0044249	0.0036	s111461	GO:0006725	0.0022
ssr6026	GO:0006629	0.0097	s110737	GO:0005216	0.0064	ssr8013	GO:0004872	0.0046	s110376	GO:0044267	0.0036	slr0345	GO:0006725	0.0022
s111400	GO:0006629	0.0097	slr0169	GO:0005216	0.0064	s110335	GO:0004872	0.0046	slr1223	GO:0006520	0.0036	slr1907	GO:0006725	0.0022
slr6049	GO:0006629	0.0097	s110449	GO:0005216	0.0064	slr8022	GO:0016810	0.0046	s111218	GO:0006790	0.0036	slr5012	GO:0006725	0.0022
ss12420	GO:0006629	0.0097	slr0742	GO:0005216	0.0064	slr1659	GO:0016853	0.0046	slr0376	GO:0006790	0.0036	slr6005	GO:0006725	0.0022

slr1768	GO:0006629	0.0097	sll1950	GO:0005216	0.0064	sll1426	GO:0016853	0.0046	sll0760	GO:0006520	0.0036	ssr6024	GO:0006725	0.0022
sll1960	GO:0006629	0.0097	slr0483	GO:0005216	0.0064	sll1166	GO:0016853	0.0046	sll1381	GO:0044267	0.0036	sll1486	GO:0044238	0.0022
slr1535	GO:0006629	0.0097	sll10685	GO:0005216	0.0064	slr1327	GO:0016810	0.0046	sll1696	GO:0006520	0.0036	sll17064	GO:0006725	0.0022
ssl1923	GO:0006629	0.0097	sll11352	GO:0005216	0.0064	ss18028	GO:0004872	0.0046	slr0587	GO:0016788	0.0036	slr7101	GO:0006725	0.0022
ssl5095	GO:0006629	0.0097	ssr2009	GO:0005216	0.0064	sll10691	GO:0004872	0.0046	ssr7035	GO:0016788	0.0036	ssr6002	GO:0006725	0.0022
ssl18008	GO:0006629	0.0096	slr1062	GO:0005216	0.0064	sll10615	GO:0016853	0.0046	sll1573	GO:0016788	0.0036	ssr5121	GO:0044238	0.0022
sll10183	GO:0006950	0.0096	slr0053	GO:0005216	0.0064	sll11717	GO:0016810	0.0046	slr1174	GO:0016788	0.0036	sll11373	GO:0044238	0.0022
slr0924	GO:0006629	0.0096	slr1287	GO:0005216	0.0064	ss11918	GO:0016810	0.0046	sll1495	GO:0016788	0.0036	ssr0761	GO:0044238	0.0022
sll10827	GO:0006629	0.0096	sll10588	GO:0005216	0.0064	slr5012	GO:0004872	0.0046	sll1698	GO:0016788	0.0036	ss11300	GO:0044238	0.0022
slr1415	GO:0006629	0.0096	slr1338	GO:0005216	0.0064	ss11263	GO:0004872	0.0046	ss12814	GO:0016788	0.0036	sll10994	GO:0006725	0.0022
slr0149	GO:0006629	0.0096	slr1128	GO:0005216	0.0064	sll11934	GO:0016853	0.0046	slr1875	GO:0016788	0.0036	sll11378	GO:0006725	0.0022
slr1259	GO:0006629	0.0096	sll11170	GO:0005216	0.0064	sll11652	GO:0004872	0.0046	slr5087	GO:0016788	0.0036	slr0498	GO:0044238	0.0022
slr1071	GO:0006629	0.0096	sll10602	GO:0005216	0.0064	ss12471	GO:0005216	0.0046	slr0689	GO:0016788	0.0036	ssr0657	GO:0044238	0.0022
sll10572	GO:0006629	0.0096	ssr3122	GO:0044267	0.0063	slr6103	GO:0016810	0.0046	sll10905	GO:0016788	0.0036	ss17021	GO:0044238	0.0022
slr1070	GO:0006629	0.0096	sll10381	GO:0044267	0.0063	sll11160	GO:0005216	0.0046	sll11106	GO:0016788	0.0036	sll10249	GO:0044238	0.0022
sll11021	GO:0006629	0.0096	ssr2615	GO:0044267	0.0063	sll11461	GO:0005216	0.0046	slr6051	GO:0016788	0.0036	slr1223	GO:0006725	0.0022
sll10639	GO:0006629	0.0096	slr0006	GO:0044267	0.0063	sll10867	GO:0005216	0.0046	sll11926	GO:0016788	0.0036	slr2038	GO:0044262	0.0022
slr1811	GO:0006950	0.0096	sll10023	GO:0044267	0.0063	sll10925	GO:0016810	0.0046	ss12069	GO:0016788	0.0036	slr1619	GO:0006725	0.0022
ssl2733	GO:0006950	0.0096	slr1210	GO:0044267	0.0063	slr1681	GO:0016810	0.0046	slr1163	GO:0016788	0.0036	slr5102	GO:0044238	0.0022
sll1654	GO:0006629	0.0096	sll10783	GO:0006164	0.0063	slr0545	GO:0016853	0.0046	ss13615	GO:0016788	0.0036	ssr2067	GO:0044238	0.0022
slr1062	GO:0006629	0.0096	ss10242	GO:0044267	0.0063	slr6006	GO:0005216	0.0046	ssr2318	GO:0016788	0.0036	sll11891	GO:0044238	0.0022
slr1383	GO:0006629	0.0096	sll11442	GO:0044267	0.0063	ss12138	GO:0016810	0.0046	sll15028	GO:0016788	0.0036	ss15025	GO:0006725	0.0022
slr1895	GO:0006629	0.0096	slr0609	GO:0006164	0.0063	sll10596	GO:0016853	0.0046	ssr6078	GO:0016788	0.0036	slr0397	GO:0044238	0.0022
slr2125	GO:0006629	0.0096	slr1047	GO:0006164	0.0063	ssr6062	GO:0016810	0.0046	slr7026	GO:0016788	0.0036	slr0345	GO:0044238	0.0022
slr0654	GO:0006629	0.0096	slr0144	GO:0044267	0.0063	slr0699	GO:0004872	0.0046	slr1101	GO:0016788	0.0036	sll11164	GO:0006725	0.0022
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sll10577	GO:0006950	0.0096	slr1885	GO:0044267	0.0063	slr1066	GO:0016853	0.0046	sll10162	GO:0016788	0.0036	sll11532	GO:0044238	0.0022
sll11239	GO:0006629	0.0096	slr1851	GO:0006164	0.0063	slr1537	GO:0016810	0.0046	sll10696	GO:0016788	0.0036	slr0613	GO:0044238	0.0022
slr1767	GO:0006950	0.0096	slr1573	GO:0044267	0.0063	slr1114	GO:0004872	0.0046	sll17050	GO:0016788	0.0036	slr1163	GO:0044238	0.0022
slr0172	GO:0006629	0.0096	sll10325	GO:0044267	0.0063	ss12781	GO:0005216	0.0046	slr7099	GO:0016788	0.0036	slr7095	GO:0006725	0.0022
sll10225	GO:0006629	0.0096	slr1084	GO:0044267	0.0063	slr0769	GO:0005216	0.0046	ssr6024	GO:0016788	0.0036	slr5012	GO:0044238	0.0022
sll10843	GO:0006629	0.0096	sll10191	GO:0044267	0.0063	ssr1473	GO:0004872	0.0046	slr0184	GO:0016788	0.0036	ss12814	GO:0006725	0.0022
sll11241	GO:0006629	0.0096	slr1932	GO:0044267	0.0063	sll10762	GO:0005216	0.0046	sll11570	GO:0016788	0.0036	ssr5011	GO:0044238	0.0022
sll11040	GO:0006629	0.0096	slr0039	GO:0008324	0.0063	ssr1558	GO:0016810	0.0046	slr1406	GO:0016788	0.0036	ssr2972	GO:0006725	0.0022
sll10590	GO:0006629	0.0096	ssr5121	GO:0008324	0.0063	ss17007	GO:0004872	0.0046	sll11380	GO:0016788	0.0036	slr0730	GO:0044238	0.0022
slr0111	GO:0006629	0.0096	ssr2802	GO:0008324	0.0063	slr0334	GO:0004872	0.0046	slr1624	GO:0016788	0.0036	sll11160	GO:0006725	0.0022
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slr0789	GO:0006629	0.0096	ssr1768	GO:0008324	0.0063	sll11188	GO:0004872	0.0046	ssr6089	GO:0016788	0.0036	slr0728	GO:0006725	0.0022
slr1033	GO:0006629	0.0096	sll10098	GO:0008324	0.0063	slr0816	GO:0004872	0.0046	sll15128	GO:0016788	0.0036	slr1927	GO:0006725	0.0022
sll10995	GO:0006629	0.0096	sll17033	GO:0008324	0.0063	sll11702	GO:0016810	0.0046	sll10563	GO:0016788	0.0036	slr1753	GO:0006725	0.0022
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slr1926	GO:0006950	0.0096	ssr6019	GO:0008324	0.0063	sll11396	GO:0005216	0.0046	ss18028	GO:0016788	0.0036	slr0590	GO:0044238	0.0022
sll11071	GO:0006629	0.0096	slr0326	GO:0008324	0.0063	ssr0536	GO:0016853	0.0046	ss15008	GO:0016788	0.0036	slr0651	GO:0006725	0.0022
sll12007	GO:0006259	0.0094	ss11918	GO:0008324	0.0063	slr0637	GO:0004872	0.0046	slr0888	GO:0016788	0.0036	slr6031	GO:0006725	0.0022
slr0914	GO:0008233	0.0094	ssr5074	GO:0008324	0.0063	sll17070	GO:0016810	0.0046	slr2049	GO:0016788	0.0036	slr0980	GO:0044262	0.0022
sll10394	GO:0008233	0.0094	slr0453	GO:0008324	0.0063	slr0575	GO:0016810	0.0046	sll11254	GO:0016788	0.0036	sll11254	GO:0006725	0.0022
slr0607	GO:0008324	0.0094	ssr7079	GO:0008324	0.0063	sll12015	GO:0005216	0.0046	sll11164	GO:0016788	0.0036	sll11570	GO:0006725	0.0022
sll10905	GO:0008233	0.0094	sll11532	GO:0008324	0.0063	sll17006	GO:0004872	0.0046	slr0728	GO:0016788	0.0036	ssr2060	GO:0006725	0.0022
slr6081	GO:0008233	0.0094	ss15015	GO:0008324	0.0063	sll10047	GO:0016810	0.0046	slr0948	GO:0016788	0.0036	sll10565	GO:0006725	0.0022
slr6029	GO:0008233	0.0094	slr7100	GO:0008324	0.0063	slr0184	GO:0004872	0.0046	sll17087	GO:0016788	0.0036	slr1628	GO:0006725	0.0022
sll15067	GO:0008233	0.0094	sll11381	GO:0008324	0.0063	ssr1041	GO:0004872	0.0046	sll11192	GO:0016788	0.0036	ssr6003	GO:0006725	0.0022
slr1174	GO:0008233	0.0094	slr6044	GO:0008324	0.0063	slr0509	GO:0004872	0.0046	slr5053	GO:0016788	0.0036	slr7059	GO:0006725	0.0022

slr0479	GO:0008324	0.0094	sl17069	GO:0008324	0.0063	slr1162	GO:0005216	0.0046	sl18027	GO:0016788	0.0036	ss11263	GO:0006725	0.0022
ss12733	GO:0008324	0.0094	sl11911	GO:0008324	0.0063	sl11509	GO:0005216	0.0046	sl10327	GO:0016788	0.0036	ssr3129	GO:0044238	0.0022
slr0498	GO:0008233	0.0094	slr0291	GO:0008324	0.0063	sl10659	GO:0005216	0.0046	slr6029	GO:0016788	0.0036	sl17030	GO:0044238	0.0022
sl10442	GO:0008233	0.0094	slr6103	GO:0008324	0.0063	sl10802	GO:0005216	0.0046	slr1752	GO:0016788	0.0036	sl11609	GO:0044238	0.0022
sl10670	GO:0008233	0.0094	ss11263	GO:0008324	0.0063	slr0689	GO:0004872	0.0046	ss12384	GO:0016788	0.0036	sl15047	GO:0006725	0.0022
ssr0336	GO:0008233	0.0094	ss17022	GO:0008324	0.0063	slr0888	GO:0004872	0.0046	slr0708	GO:0016788	0.0036	sl11068	GO:0006725	0.0022
sl10372	GO:0008233	0.0094	ssr8013	GO:0008324	0.0063	sl10031	GO:0016810	0.0046	sl10525	GO:0016788	0.0036	slr6029	GO:0044238	0.0022
ssr7084	GO:0008233	0.0094	slr1628	GO:0008324	0.0063	slr0238	GO:0004872	0.0046	slr0516	GO:0016788	0.0036	slr7060	GO:0044238	0.0022
sl18035	GO:0008233	0.0094	sl15067	GO:0008324	0.0063	slr1442	GO:0004872	0.0046	ss18039	GO:0016788	0.0036	sl10394	GO:0044238	0.0022
sl10230	GO:0008233	0.0094	sl11912	GO:0016810	0.0063	sl10062	GO:0004872	0.0046	sl11052	GO:0016788	0.0036	slr6088	GO:0006725	0.0022
sl18040	GO:0008233	0.0094	ssr0657	GO:0008324	0.0063	sl11163	GO:0005216	0.0046	ss17022	GO:0016788	0.0036	ss10312	GO:0006725	0.0022
ssr7079	GO:0008233	0.0094	sl10606	GO:0016810	0.0063	slr0300	GO:0004872	0.0046	ssr7084	GO:0016788	0.0036	slr1970	GO:0006725	0.0022
ss15114	GO:0008233	0.0094	slr6028	GO:0008324	0.0063	ss17038	GO:0004872	0.0046	sl10765	GO:0016788	0.0036	sl11681	GO:0006725	0.0022
ssr0657	GO:0008233	0.0094	ssr6024	GO:0008324	0.0063	slr0709	GO:0004872	0.0046	sl11319	GO:0016788	0.0036	slr0587	GO:0006725	0.0022
sl11915	GO:0008233	0.0094	slr0656	GO:0008324	0.0063	sl15132	GO:0004872	0.0046	slr0656	GO:0016788	0.0036	sl17078	GO:0006725	0.0022
slr0334	GO:0008233	0.0094	sl11898	GO:0008324	0.0063	sl10031	GO:0004872	0.0046	sl12011	GO:0016788	0.0036	ssr2333	GO:0006725	0.0022
slr0587	GO:0008233	0.0094	sl16055	GO:0008324	0.0063	sl16055	GO:0004872	0.0046	slr6009	GO:0016788	0.0036	slr5126	GO:0006725	0.0022
slr0106	GO:0008233	0.0094	sl11188	GO:0008324	0.0063	sl10939	GO:0004872	0.0046	slr2052	GO:0016788	0.0036	slr1406	GO:0044238	0.0022
slr2071	GO:0008233	0.0094	sl11142	GO:0008324	0.0063	slr2032	GO:0005216	0.0046	slr1173	GO:0016788	0.0036	slr2000	GO:0044238	0.0022
slr0978	GO:0008324	0.0094	slr1624	GO:0008324	0.0063	slr0039	GO:0004872	0.0046	sl11532	GO:0016788	0.0036	slr1474	GO:0044238	0.0022
sl18001	GO:0008233	0.0094	sl11095	GO:0008324	0.0063	sl10496	GO:0004872	0.0046	slr0270	GO:0016788	0.0036	sl11902	GO:0044262	0.0022
slr1079	GO:0008233	0.0094	sl10625	GO:0008324	0.0063	slr7060	GO:0004872	0.0046	sl11381	GO:0016788	0.0036	slr0771	GO:0006725	0.0022
sl11024	GO:0008233	0.0094	slr7057	GO:0008324	0.0063	sl11060	GO:0016853	0.0046	ss15015	GO:0016788	0.0036	slr2118	GO:0006725	0.0022
slr0181	GO:0008233	0.0094	ss15114	GO:0008324	0.0063	sl10863	GO:0005216	0.0046	ssr0336	GO:0016788	0.0036	sl11307	GO:0044238	0.0022
slr1173	GO:0008233	0.0094	sl10269	GO:0016810	0.0063	slr1599	GO:0016810	0.0046	slr5112	GO:0016788	0.0036	slr1624	GO:0044238	0.0022
slr1628	GO:0008233	0.0094	sl10765	GO:0008324	0.0063	sl15047	GO:0005216	0.0046	slr2027	GO:0016788	0.0036	slr0575	GO:0006725	0.0022
ss10788	GO:0008233	0.0094	slr0208	GO:0016810	0.0063	ss16061	GO:0016810	0.0046	sl11191	GO:0016788	0.0036	slr1863	GO:0006725	0.0022
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ssr8047	GO:0008233	0.0094	slr5111	GO:0008324	0.0063	slr0709	GO:0016810	0.0046	slr6106	GO:0016788	0.0036	ss15015	GO:0006725	0.0022
slr0709	GO:0008233	0.0094	sl11464	GO:0008324	0.0063	slr0271	GO:0016810	0.0046	slr0039	GO:0016788	0.0036	ss15113	GO:0044238	0.0022
sl10044	GO:0008233	0.0094	ssr6030	GO:0008324	0.0063	ssr5011	GO:0004872	0.0046	ssr6099	GO:0016788	0.0036	ssr1473	GO:0044238	0.0022
slr0273	GO:0008233	0.0094	sl11832	GO:0008324	0.0063	slr6081	GO:0004872	0.0046	sl11692	GO:0016788	0.0036	sl17090	GO:0044238	0.0022
ssr2802	GO:0008233	0.0094	slr0699	GO:0008324	0.0063	ss15108	GO:0016810	0.0046	ss15025	GO:0016788	0.0036	slr1990	GO:0006725	0.0022
ssr6002	GO:0008233	0.0094	ssr3572	GO:0008324	0.0063	slr0667	GO:0016810	0.0046	sl10157	GO:0016788	0.0036	slr0725	GO:0044238	0.0022
sl11089	GO:0008233	0.0094	slr0667	GO:0008324	0.0063	sl10394	GO:0004872	0.0046	slr6081	GO:0016788	0.0036	ss12245	GO:0006725	0.0022
slr1087	GO:0008233	0.0094	ssr0761	GO:0008324	0.0063	sl11447	GO:0005216	0.0046	slr0582	GO:0016788	0.0036	ss15096	GO:0006725	0.0022
slr0109	GO:0008233	0.0094	slr0980	GO:0016810	0.0063	slr0376	GO:0016853	0.0046	slr0269	GO:0016788	0.0036	ss15100	GO:0006725	0.0022
ss12064	GO:0008233	0.0094	slr7102	GO:0008324	0.0063	slr0670	GO:0016810	0.0046	slr0885	GO:0016788	0.0036	slr0517	GO:0044238	0.0022
ss16092	GO:0008233	0.0094	slr2049	GO:0008324	0.0063	ss13379	GO:0005216	0.0046	ssr5092	GO:0016788	0.0036	ss17048	GO:0044238	0.0022
ssr1391	GO:0008324	0.0094	ssr7017	GO:0008324	0.0063	ss11498	GO:0005216	0.0046	sl17033	GO:0016788	0.0036	slr8021	GO:0044238	0.0022
slr7057	GO:0008233	0.0094	sl11024	GO:0008324	0.0063	sl11853	GO:0005216	0.0046	sl10335	GO:0016788	0.0036	ssr7035	GO:0044238	0.0022
slr7102	GO:0008233	0.0094	ss11300	GO:0008324	0.0063	slr6075	GO:0004872	0.0046	sl16052	GO:0016788	0.0036	slr1215	GO:0016874	0.0022
slr6075	GO:0008233	0.0094	sl17028	GO:0008324	0.0063	sl10360	GO:0016853	0.0046	ssr7079	GO:0016788	0.0036	slr7100	GO:0005976	0.0021
ssr7093	GO:0008233	0.0094	ss15100	GO:0008324	0.0063	slr0625	GO:0004872	0.0046	sl10442	GO:0016788	0.0036	sl17070	GO:0006730	0.0021
slr0780	GO:0008233	0.0094	slr0865	GO:0008324	0.0063	sl11130	GO:0005216	0.0046	slr0271	GO:0016788	0.0036	sl10162	GO:0006730	0.0021
slr0923	GO:0008324	0.0094	ss11552	GO:0008324	0.0063	slr1752	GO:0004872	0.0046	sl11158	GO:0016788	0.0036	ssr3129	GO:0006730	0.0021
sl11979	GO:0008233	0.0094	slr2117	GO:0008324	0.0063	sl17086	GO:0004872	0.0046	ss12138	GO:0016788	0.0036	sl11068	GO:0006730	0.0021
ss10467	GO:0008233	0.0094	slr1911	GO:0008324	0.0063	sl18027	GO:0004872	0.0046	ss15113	GO:0016788	0.0036	slr6028	GO:0005976	0.0021
ssr3570	GO:0008233	0.0094	slr0637	GO:0008324	0.0063	sl18035	GO:0004872	0.0046	ssr6027	GO:0016788	0.0036	sl15067	GO:0005976	0.0021
ss13573	GO:0008233	0.0094	slr1327	GO:0008324	0.0063	ssr1768	GO:0016810	0.0046	ssr0657	GO:0016788	0.0036	slr1970	GO:0005976	0.0021
slr0967	GO:0008233	0.0094	sl15132	GO:0008324	0.0063	slr1206	GO:0016810	0.0046	ssr3570	GO:0016788	0.0036	slr1704	GO:0005976	0.0021
ssr2060	GO:0008233	0.0094	sl11388	GO:0008324	0.0063	ssr6026	GO:0005216	0.0046	slr7060	GO:0016788	0.0036	slr6091	GO:0006730	0.0021
ss11552	GO:0008233	0.0094	sl11698	GO:0008324	0.0063	sl17050	GO:0004872	0.0046	slr0325	GO:0016788	0.0036	slr8021	GO:0006730	0.0021
slr0699	GO:0008233	0.0094	slr1079	GO:0008324	0.0063	slr1814	GO:0005216	0.0046	sl11036	GO:0016788	0.0036	slr0780	GO:0006730	0.0021

s111049	GO:0008233	0.0094	ssl3829	GO:0008324	0.0063	ssr6062	GO:0004872	0.0046	slr6087	GO:0016788	0.0036	slr0728	GO:0005976	0.0021
slr1163	GO:0008233	0.0094	slr0755	GO:0008324	0.0063	slr1464	GO:0005216	0.0046	slr8021	GO:0016788	0.0036	s111388	GO:0005976	0.0021
s115030	GO:0008233	0.0094	slr1886	GO:0008324	0.0063	slr6022	GO:0004872	0.0046	ssr6062	GO:0016788	0.0036	s117050	GO:0005976	0.0021
slr1623	GO:0008233	0.0094	ssr3570	GO:0008324	0.0063	slr0092	GO:0005216	0.0046	s111726	GO:0016788	0.0036	ss10350	GO:0005976	0.0021
slr0634	GO:0008233	0.0094	slr0270	GO:0008324	0.0063	ssr6099	GO:0004872	0.0046	slr0755	GO:0016788	0.0036	ss12064	GO:0006730	0.0021
slr0184	GO:0008233	0.0094	ssl7007	GO:0008324	0.0063	ssr0102	GO:0005216	0.0046	ss17042	GO:0016788	0.0036	s111106	GO:0005976	0.0021
s111562	GO:0008324	0.0094	slr6029	GO:0008324	0.0063	slr0637	GO:0016810	0.0046	s115063	GO:0016788	0.0036	slr1570	GO:0005976	0.0021
s117050	GO:0008233	0.0094	slr2060	GO:0008324	0.0063	slr1087	GO:0004872	0.0046	slr1951	GO:0016788	0.0036	s110172	GO:0006730	0.0021
s110625	GO:0008233	0.0094	slr1442	GO:0008324	0.0063	s110249	GO:0016810	0.0046	slr0914	GO:0016788	0.0036	s110847	GO:0006730	0.0021
s111717	GO:0008233	0.0094	slr1789	GO:0008324	0.0063	s110984	GO:0016810	0.0046	s117077	GO:0016788	0.0036	slr0914	GO:0005976	0.0021
s110577	GO:0008324	0.0094	s110563	GO:0008324	0.0063	slr1276	GO:0005216	0.0046	ss11690	GO:0016788	0.0036	slr6033	GO:0006730	0.0021
s117028	GO:0008233	0.0094	slr2003	GO:0008324	0.0063	slr0082	GO:0004872	0.0046	slr0590	GO:0016788	0.0036	ss15025	GO:0006730	0.0021
slr1737	GO:0008233	0.0094	slr2027	GO:0008324	0.0063	s111583	GO:0004872	0.0046	slr1623	GO:0016788	0.0036	slr0326	GO:0006730	0.0021
s110925	GO:0008233	0.0094	slr0725	GO:0008324	0.0063	slr0498	GO:0004872	0.0046	s118007	GO:0044249	0.0035	slr0667	GO:0006730	0.0021
ssr5106	GO:0008233	0.0094	s111926	GO:0008324	0.0063	ssr3129	GO:0016810	0.0046	slr0505	GO:0044249	0.0035	slr1110	GO:0030001	0.0021
s111832	GO:0008233	0.0094	ssr1473	GO:0008324	0.0063	slr0613	GO:0016810	0.0046	s111960	GO:0044249	0.0035	s111681	GO:0005976	0.0021
s110565	GO:0008233	0.0094	slr0976	GO:0008324	0.0063	s110847	GO:0004872	0.0046	slr0287	GO:0044249	0.0035	slr5053	GO:0005976	0.0021
ssr6083	GO:0008233	0.0094	s110543	GO:0008324	0.0063	s115046	GO:0005216	0.0046	s110913	GO:0044249	0.0035	s111380	GO:0005976	0.0021
slr1406	GO:0008233	0.0094	slr1944	GO:0008324	0.0063	ssr0109	GO:0004872	0.0046	s110867	GO:0044249	0.0035	slr0637	GO:0005976	0.0021
slr1886	GO:0008233	0.0094	ssl3615	GO:0008324	0.0063	s117089	GO:0004872	0.0046	slr1196	GO:0044249	0.0035	slr0810	GO:0044262	0.0021
s111834	GO:0008233	0.0094	ssr8047	GO:0008324	0.0063	ss12069	GO:0004872	0.0046	slr0304	GO:0044249	0.0035	slr0516	GO:0006730	0.0021
slr6044	GO:0008233	0.0094	slr7073	GO:0008324	0.0063	s118019	GO:0016810	0.0046	slr1362	GO:0044249	0.0035	s115028	GO:0006730	0.0021
s110069	GO:0008233	0.0094	s115030	GO:0008324	0.0063	slr0728	GO:0016810	0.0046	slr1441	GO:0044249	0.0035	slr1875	GO:0006730	0.0021
slr0082	GO:0008233	0.0094	ssr6086	GO:0008324	0.0063	slr0582	GO:0004872	0.0046	s110656	GO:0007154	0.0035	ssr1425	GO:0006730	0.0021
s111882	GO:0008233	0.0094	s117031	GO:0008324	0.0063	slr0345	GO:0004872	0.0046	slr6008	GO:0044249	0.0035	slr1241	GO:0005976	0.0021
slr1790	GO:0008233	0.0094	ssl1378	GO:0008324	0.0063	s110793	GO:0016810	0.0046	ssr2317	GO:0044249	0.0035	s110788	GO:0016070	0.0021
s110558	GO:0008324	0.0094	slr0300	GO:0008324	0.0063	s115034	GO:0005216	0.0046	s110413	GO:0006807	0.0035	s110552	GO:0005976	0.0021
ss16035	GO:0008233	0.0094	slr1790	GO:0008324	0.0063	slr8044	GO:0016810	0.0046	slr0092	GO:0044249	0.0035	slr0208	GO:0030001	0.0021
s116052	GO:0008233	0.0094	ssl2595	GO:0008324	0.0063	slr1557	GO:0016853	0.0046	slr0147	GO:0007154	0.0035	s110732	GO:0016070	0.0021
slr2000	GO:0008233	0.0094	s111940	GO:0008324	0.0063	slr0355	GO:0005216	0.0046	slr0503	GO:0044249	0.0035	ss16035	GO:0006730	0.0021
s111289	GO:0008233	0.0094	s118040	GO:0008324	0.0063	s110513	GO:0016853	0.0046	s110274	GO:0044249	0.0035	ss18039	GO:0006730	0.0021
slr0241	GO:0008233	0.0094	s110736	GO:0008324	0.0063	s111381	GO:0004872	0.0046	ssr5020	GO:0044249	0.0035	slr6068	GO:0005976	0.0021
slr1396	GO:0008233	0.0094	s111891	GO:0008324	0.0063	ss12162	GO:0004872	0.0046	slr5118	GO:0044249	0.0035	slr1173	GO:0006730	0.0021
slr0863	GO:0008233	0.0094	s111717	GO:0008324	0.0063	ssr5092	GO:0004872	0.0046	s111638	GO:0044249	0.0035	ss17038	GO:0005976	0.0021
s110788	GO:0008324	0.0094	ssl2814	GO:0008324	0.0063	slr0964	GO:0005216	0.0046	slr0619	GO:0044249	0.0035	s111737	GO:0044262	0.0021
slr0459	GO:0008233	0.0094	slr6016	GO:0008324	0.0063	s111380	GO:0016810	0.0046	ss15095	GO:0044249	0.0035	slr0317	GO:0030001	0.0021
slr2027	GO:0008233	0.0094	slr8044	GO:0008324	0.0063	ssr6046	GO:0005216	0.0046	s111222	GO:0007154	0.0035	ss13829	GO:0005976	0.0021
slr1851	GO:0008324	0.0094	slr0262	GO:0006164	0.0062	s110508	GO:0016853	0.0046	slr0552	GO:0044249	0.0035	slr7102	GO:0006730	0.0021
slr0728	GO:0008233	0.0094	ssr1951	GO:0006164	0.0062	slr0217	GO:0004872	0.0046	slr0407	GO:0044249	0.0035	ssr2711	GO:0006730	0.0021
ssr1473	GO:0008233	0.0094	s111853	GO:0006164	0.0062	s110321	GO:0016810	0.0046	s110293	GO:0044249	0.0035	slr0416	GO:0006730	0.0021
s111898	GO:0008233	0.0094	s111272	GO:0006950	0.0062	ssr7093	GO:0004872	0.0046	s110263	GO:0044249	0.0035	s111858	GO:0044262	0.0021
slr0263	GO:0008324	0.0094	s110487	GO:0006164	0.0062	s110625	GO:0004872	0.0046	slr1178	GO:0044249	0.0035	slr6081	GO:0005976	0.0021
s110192	GO:0008324	0.0094	slr1363	GO:0006164	0.0062	ssr0336	GO:0004872	0.0046	slr6006	GO:0044249	0.0035	slr2052	GO:0005976	0.0021
s111164	GO:0008233	0.0094	slr0059	GO:0006164	0.0062	s118002	GO:0005216	0.0046	ssr7072	GO:0044249	0.0035	slr0813	GO:0005976	0.0021
s110172	GO:0008233	0.0094	slr1340	GO:0006164	0.0062	s110473	GO:0005216	0.0046	s111469	GO:0044249	0.0035	slr5013	GO:0006730	0.0021
slr1236	GO:0008233	0.0094	slr0784	GO:0006164	0.0062	ss15068	GO:0004872	0.0046	s110609	GO:0044249	0.0035	ss17007	GO:0006730	0.0021
slr1704	GO:0008233	0.0094	s111765	GO:0006164	0.0062	slr0013	GO:0004872	0.0046	slr0912	GO:0044249	0.0035	s111381	GO:0005976	0.0021
s111319	GO:0008233	0.0094	s110710	GO:0006164	0.0062	s110354	GO:0016853	0.0046	s110354	GO:0044249	0.0035	ssr6086	GO:0006730	0.0021
ss11046	GO:0008233	0.0094	slr0821	GO:0006164	0.0062	slr1570	GO:0004872	0.0046	slr0821	GO:0044249	0.0035	ss12138	GO:0006730	0.0021
slr0651	GO:0008233	0.0094	s111722	GO:0006164	0.0062	slr6045	GO:0004872	0.0046	s111715	GO:0044249	0.0035	ss12162	GO:0006730	0.0021
s111891	GO:0008233	0.0094	slr5119	GO:0006164	0.0062	ss17021	GO:0016810	0.0046	s111866	GO:0044249	0.0035	slr1875	GO:0005976	0.0021
slr2103	GO:0008233	0.0094	slr6073	GO:0006164	0.0062	slr1914	GO:0005216	0.0046	s111862	GO:0044249	0.0035	ss15114	GO:0005976	0.0021
slr0909	GO:0008324	0.0094	slr0569	GO:0006164	0.0062	ss15129	GO:0005216	0.0046	slr1464	GO:0044249	0.0035	s111785	GO:0005976	0.0021
slr2052	GO:0008233	0.0094	ssl1520	GO:0006164	0.0062	slr6074	GO:0005216	0.0046	slr5023	GO:0044249	0.0035	ss12971	GO:0006730	0.0021

ssl2971	GO:0008233	0.0094	slr0380	GO:0006164	0.0062	ssr2318	GO:0004872	0.0046	slr0581	GO:0044249	0.0035	ssr6089	GO:0005976	0.0021
ssl3829	GO:0008233	0.0094	sll1866	GO:0006164	0.0062	sll2013	GO:0005216	0.0046	slr0380	GO:0044249	0.0035	slr6012	GO:0005976	0.0021
slr1056	GO:0008233	0.0094	slr1179	GO:0006164	0.0062	ssr2802	GO:0016810	0.0046	slr6014	GO:0044249	0.0035	ssr1155	GO:0005976	0.0021
sll10160	GO:0008233	0.0094	slr7014	GO:0006164	0.0062	ss16035	GO:0004872	0.0046	ssr2912	GO:0044249	0.0035	slr1507	GO:0005976	0.0021
sll11751	GO:0016788	0.0093	slr6008	GO:0006164	0.0062	sll10098	GO:0016810	0.0046	slr0333	GO:0044249	0.0035	sll17033	GO:0005976	0.0021
slr0609	GO:0016788	0.0093	sll1552	GO:0006164	0.0062	ssr6003	GO:0044262	0.0045	ssr3189	GO:0044249	0.0035	slr1911	GO:0005976	0.0021
sll10577	GO:0016788	0.0093	sll10762	GO:0006164	0.0062	slr7097	GO:0044262	0.0045	sll10443	GO:0044249	0.0035	sll11698	GO:0006730	0.0021
sll10788	GO:0016788	0.0093	sgl0001	GO:0006164	0.0062	sll10703	GO:0030001	0.0045	sll10658	GO:0044249	0.0035	slr0397	GO:0006730	0.0021
sll10783	GO:0016788	0.0093	slr6047	GO:0006164	0.0062	sll10930	GO:0044262	0.0045	slr6065	GO:0044249	0.0035	slr7102	GO:0005976	0.0021
sll10732	GO:0016788	0.0093	slr1095	GO:0006164	0.0062	sll2013	GO:0044262	0.0045	ss12420	GO:0044249	0.0035	slr1807	GO:0005976	0.0021
slr0923	GO:0016788	0.0093	sll18007	GO:0006164	0.0062	sll10860	GO:0044262	0.0045	slr0211	GO:0044249	0.0035	slr6009	GO:0006730	0.0021
slr1143	GO:0016788	0.0093	ss13379	GO:0006164	0.0062	slr1306	GO:0044262	0.0045	ss13142	GO:0044249	0.0035	sll10905	GO:0006730	0.0021
ssr6024	GO:0006807	0.0092	slr1546	GO:0006164	0.0062	slr1081	GO:0030001	0.0045	slr1568	GO:0044249	0.0035	sll11891	GO:0006730	0.0021
sll10479	GO:0006807	0.0092	slr1998	GO:0006164	0.0062	slr1914	GO:0044262	0.0045	slr0400	GO:0044249	0.0035	sll18040	GO:0006730	0.0021
ssl3573	GO:0006807	0.0092	slr1270	GO:0006164	0.0062	sll11004	GO:0044262	0.0045	sll10176	GO:0044249	0.0035	slr1577	GO:0005976	0.0021
ssr3570	GO:0006807	0.0092	ssr0335	GO:0006164	0.0062	slr0400	GO:0044262	0.0045	sll10853	GO:0044249	0.0035	sll10939	GO:0005976	0.0021
slr1241	GO:0006807	0.0092	slr0890	GO:0006164	0.0062	ssr7072	GO:0044262	0.0045	sll11571	GO:0044249	0.0035	slr0692	GO:0006730	0.0021
slr0326	GO:0006807	0.0092	slr1342	GO:0006164	0.0062	sll11735	GO:0044262	0.0045	slr1384	GO:0044249	0.0035	ssr0109	GO:0006730	0.0021
slr0667	GO:0006807	0.0092	slr6006	GO:0006164	0.0062	slr1657	GO:0044262	0.0045	slr7081	GO:0044249	0.0035	slr0976	GO:0006730	0.0021
slr7071	GO:0006807	0.0092	sll11863	GO:0006164	0.0062	slr0960	GO:0044262	0.0045	sll18032	GO:0044249	0.0035	slr6022	GO:0006730	0.0021
sll17031	GO:0006807	0.0092	slr1189	GO:0006164	0.0062	slr1956	GO:0044262	0.0045	ss12749	GO:0044249	0.0035	sll11095	GO:0006730	0.0021
slr0587	GO:0006807	0.0092	slr1097	GO:0006164	0.0062	sll10237	GO:0030001	0.0045	sll11163	GO:0044249	0.0035	slr6088	GO:0005976	0.0021
sll11476	GO:0006807	0.0092	sll11606	GO:0006164	0.0062	sll10174	GO:0044262	0.0045	sll10547	GO:0044249	0.0035	slr1444	GO:0016070	0.0021
slr6071	GO:0006807	0.0092	sll17064	GO:0006164	0.0062	sll10994	GO:0044262	0.0045	sll10611	GO:0044249	0.0035	slr0731	GO:0005976	0.0021
slr1513	GO:0006807	0.0092	slr0769	GO:0006164	0.0062	sll10630	GO:0044262	0.0045	sll11965	GO:0005216	0.0035	sll11009	GO:0005976	0.0021
sll10875	GO:0006807	0.0092	slr0642	GO:0006950	0.0062	slr0204	GO:0030001	0.0045	slr0519	GO:0005216	0.0035	slr2018	GO:0030001	0.0021
sll15132	GO:0006807	0.0092	ssr1766	GO:0006164	0.0062	sll11552	GO:0044262	0.0045	sll10280	GO:0005216	0.0035	slr1951	GO:0006730	0.0021
sll18012	GO:0006807	0.0092	sll11766	GO:0006164	0.0062	sgl0002	GO:0044262	0.0045	ssr2755	GO:0005216	0.0035	slr1114	GO:0006730	0.0021
slr0516	GO:0006807	0.0092	slr1468	GO:0006164	0.0062	sll10497	GO:0030001	0.0045	slr0392	GO:0005216	0.0035	slr1702	GO:0044262	0.0021
sll10563	GO:0006807	0.0092	sll11477	GO:0006950	0.0062	sll11504	GO:0044262	0.0045	sll10982	GO:0005216	0.0035	ssr1041	GO:0006730	0.0021
ss15103	GO:0006807	0.0092	slr0151	GO:0006164	0.0062	slr0148	GO:0044262	0.0045	sll11736	GO:0005216	0.0035	slr1737	GO:0005976	0.0021
sll10327	GO:0006807	0.0092	slr1813	GO:0006164	0.0062	ss11923	GO:0044262	0.0045	slr1618	GO:0005216	0.0035	ss11552	GO:0006730	0.0021
slr1327	GO:0006807	0.0092	slr7037	GO:0006164	0.0062	sll10872	GO:0044262	0.0045	ss10352	GO:0005216	0.0035	ss11046	GO:0006730	0.0021
slr5112	GO:0006807	0.0092	slr0514	GO:0016810	0.0062	ssr7036	GO:0044262	0.0045	sll10185	GO:0005216	0.0035	sll11573	GO:0006730	0.0021
ssl7039	GO:0006807	0.0092	slr1098	GO:0016810	0.0062	slr1342	GO:0044262	0.0045	slr0431	GO:0005216	0.0035	slr1624	GO:0005976	0.0021
ssr2333	GO:0006807	0.0092	slr0589	GO:0016810	0.0062	ssr1951	GO:0044262	0.0045	slr1913	GO:0005216	0.0035	sll18027	GO:0005976	0.0021
sll11832	GO:0006807	0.0092	sll11751	GO:0016810	0.0062	slr2121	GO:0030001	0.0045	slr1573	GO:0005216	0.0035	sll10253	GO:0005976	0.0021
ssl2162	GO:0006807	0.0092	slr1143	GO:0016810	0.0062	sll16053	GO:0044262	0.0045	sll10414	GO:0005216	0.0035	ssr0759	GO:0006730	0.0021
ssl5025	GO:0006807	0.0092	ssr1391	GO:0016810	0.0062	sll10775	GO:0044262	0.0045	sll10381	GO:0005216	0.0035	slr2117	GO:0005976	0.0021
ssl7038	GO:0006807	0.0092	slr1307	GO:0016810	0.0062	slr0592	GO:0044262	0.0045	ss10242	GO:0005216	0.0035	ss12384	GO:0006730	0.0021
sll16052	GO:0006807	0.0092	slr0740	GO:0016810	0.0062	slr6021	GO:0044262	0.0045	slr1275	GO:0005216	0.0035	ssr3402	GO:0006730	0.0021
slr5073	GO:0006807	0.0092	slr0609	GO:0016810	0.0062	sll10241	GO:0044262	0.0045	slr0360	GO:0005216	0.0035	ss11300	GO:0005976	0.0021
sll10098	GO:0006807	0.0092	ss12996	GO:0016810	0.0062	sll11130	GO:0044262	0.0045	slr0204	GO:0005216	0.0035	slr6075	GO:0006730	0.0021
slr0575	GO:0006807	0.0092	slr1444	GO:0016810	0.0062	slr0770	GO:0030001	0.0045	sll11315	GO:0005216	0.0035	sll15030	GO:0006730	0.0021
ss15008	GO:0006807	0.0092	sll11352	GO:0006886	0.0061	slr1275	GO:0030001	0.0045	slr0386	GO:0005216	0.0035	slr6051	GO:0005976	0.0021
slr0689	GO:0006807	0.0092	sll10446	GO:0006259	0.0061	slr1223	GO:0044262	0.0045	slr1638	GO:0005216	0.0035	sll10608	GO:0006730	0.0021
slr1816	GO:0006807	0.0092	sll10981	GO:0006886	0.0061	ss13383	GO:0044262	0.0045	slr0482	GO:0005216	0.0035	slr1789	GO:0006730	0.0021
slr6081	GO:0006807	0.0092	slr0249	GO:0006886	0.0061	sll10886	GO:0044262	0.0045	sll10066	GO:0005216	0.0035	ss15103	GO:0005976	0.0021
ss10788	GO:0006807	0.0092	sll1201	GO:0006886	0.0061	sll10802	GO:0044262	0.0045	slr1667	GO:0005216	0.0035	sll10858	GO:0006730	0.0021
slr6009	GO:0006807	0.0092	sll11925	GO:0006886	0.0061	sll11736	GO:0030001	0.0045	sll11632	GO:0005216	0.0035	sll10563	GO:0006730	0.0021
slr0865	GO:0006807	0.0092	slr2125	GO:0006886	0.0061	sll10397	GO:0044262	0.0045	ssr1765	GO:0005216	0.0035	sll10175	GO:0016070	0.0021
sll15028	GO:0006807	0.0092	ssr1552	GO:0006886	0.0061	slr1768	GO:0044262	0.0045	slr1964	GO:0005216	0.0035	sll10310	GO:0030001	0.0021
sll11233	GO:0006807	0.0092	slr0742	GO:0006886	0.0061	sll11162	GO:0044262	0.0045	ssr2962	GO:0005216	0.0035	sll10272	GO:0046873	0.0021
ssl2069	GO:0006807	0.0092	slr0207	GO:0006886	0.0061	slr1161	GO:0044262	0.0045	slr0404	GO:0005216	0.0035	slr0408	GO:0046873	0.0021

s111531	GO:0006807	0.0092	s111173	GO:0006886	0.0061	ss10738	GO:0044262	0.0045	s110237	GO:0005216	0.0035	s111250	GO:0046873	0.0021
slr1737	GO:0006807	0.0092	slr0642	GO:0006259	0.0061	s110284	GO:0044262	0.0045	s111954	GO:0005216	0.0035	s110103	GO:0046873	0.0021
slr0708	GO:0006807	0.0092	slr1074	GO:0006886	0.0061	s110218	GO:0044262	0.0045	s111830	GO:0005216	0.0035	ssr2201	GO:0046873	0.0021
slr5101	GO:0006807	0.0092	s111873	GO:0006886	0.0061	s115090	GO:0044262	0.0045	slr0668	GO:0005216	0.0035	s110238	GO:0046873	0.0021
ss13549	GO:0006807	0.0092	slr0232	GO:0006886	0.0061	ssr3410	GO:0044262	0.0045	s110085	GO:0005216	0.0035	ssr2781	GO:0046873	0.0021
slr1142	GO:0006807	0.0092	s111654	GO:0006886	0.0061	s110355	GO:0046873	0.0045	ssr2615	GO:0005216	0.0035	s111912	GO:0046873	0.0021
s117055	GO:0006807	0.0092	slr1895	GO:0006886	0.0061	slr0941	GO:0046873	0.0045	slr0587	GO:0008299	0.0034	ss13291	GO:0046873	0.0021
s111834	GO:0006807	0.0092	slr1070	GO:0006886	0.0061	slr0348	GO:0046873	0.0045	s111652	GO:0008299	0.0034	s110932	GO:0046873	0.0021
s110565	GO:0006807	0.0092	s111372	GO:0006886	0.0061	slr0845	GO:0046873	0.0045	s110168	GO:0044238	0.0034	s111902	GO:0043234	0.0021
slr0810	GO:0006950	0.0092	slr1541	GO:0006886	0.0061	slr1230	GO:0046873	0.0045	s117066	GO:0044238	0.0034	s110272	GO:0043234	0.0021
s110298	GO:0006807	0.0092	s111344	GO:0006886	0.0061	ssr2787	GO:0046873	0.0045	ss10350	GO:0008299	0.0034	slr1565	GO:0043234	0.0021
slr2000	GO:0006807	0.0092	s111634	GO:0006886	0.0061	ssr2439	GO:0046873	0.0045	slr6074	GO:0044238	0.0034	ss10832	GO:0043234	0.0021
s110157	GO:0006807	0.0092	s111040	GO:0006886	0.0061	slr1275	GO:0046873	0.0045	s111004	GO:0044238	0.0034	s111775	GO:0043234	0.0021
slr2060	GO:0006807	0.0092	slr0765	GO:0006259	0.0061	s110645	GO:0046873	0.0045	ssr6079	GO:0044238	0.0034	s110238	GO:0043234	0.0021
slr2070	GO:0006807	0.0092	slr1413	GO:0006886	0.0061	ssr3571	GO:0046873	0.0045	slr1189	GO:0044238	0.0034	s110103	GO:0043234	0.0021
slr1537	GO:0006807	0.0092	slr2120	GO:0006886	0.0061	slr1203	GO:0046873	0.0045	s111355	GO:0044238	0.0034	ssr2803	GO:0043234	0.0021
s110691	GO:0006807	0.0092	slr0981	GO:0006886	0.0061	slr1999	GO:0046873	0.0045	slr0619	GO:0044238	0.0034	s110763	GO:0043234	0.0021
s117034	GO:0006807	0.0092	s110252	GO:0004871	0.0061	s110177	GO:0046873	0.0045	slr0870	GO:0044238	0.0034	ssr2201	GO:0043234	0.0021
s111158	GO:0006807	0.0092	slr0345	GO:0006629	0.006	s111830	GO:0046873	0.0045	ssr2912	GO:0044238	0.0034	slr0317	GO:0043234	0.0021
ss18039	GO:0006807	0.0092	slr6033	GO:0006629	0.006	s111761	GO:0046873	0.0045	slr1648	GO:0044262	0.0034	s110932	GO:0043234	0.0021
slr8044	GO:0006807	0.0092	ssr2067	GO:0006629	0.006	slr0204	GO:0046873	0.0045	slr2101	GO:0044238	0.0034	slr1110	GO:0043234	0.0021
s110162	GO:0006807	0.0092	s117086	GO:0006629	0.006	slr1084	GO:0046873	0.0045	slr6047	GO:0044238	0.0034	s111424	GO:0043234	0.0021
s115089	GO:0006807	0.0092	s110608	GO:0006396	0.006	slr1932	GO:0046873	0.0045	s110497	GO:0044262	0.0034	s111969	GO:0043234	0.0021
slr0303	GO:0006807	0.0092	ss12384	GO:0006396	0.006	s111442	GO:0046873	0.0045	s111882	GO:0008299	0.0034	s111912	GO:0043234	0.0021
ssr2553	GO:0006807	0.0092	slr0613	GO:0006396	0.006	s110676	GO:0046873	0.0045	slr6087	GO:0008299	0.0034	slr2084	GO:0043234	0.0021
s117087	GO:0006807	0.0092	slr0692	GO:0006629	0.006	s110243	GO:0046873	0.0045	ssr1766	GO:0044238	0.0034	slr0442	GO:0043234	0.0021
s110031	GO:0006807	0.0092	s110596	GO:0006886	0.006	s111658	GO:0046873	0.0045	slr6090	GO:0044238	0.0034	slr0848	GO:0043234	0.0021
ssr2972	GO:0006807	0.0092	slr0708	GO:0006629	0.006	s110785	GO:0046873	0.0045	ss10352	GO:0006730	0.0034	s110606	GO:0043234	0.0021
slr0731	GO:0006807	0.0092	slr2117	GO:0006396	0.006	s111954	GO:0046873	0.0045	slr1270	GO:0044238	0.0034	slr0919	GO:0043234	0.0021
slr0498	GO:0006807	0.0092	s117028	GO:0006396	0.006	s110497	GO:0046873	0.0045	s110678	GO:0008299	0.0034	s110286	GO:0043234	0.0021
s110552	GO:0006807	0.0092	ss15025	GO:0006629	0.006	slr1778	GO:0046873	0.0045	slr1195	GO:0044238	0.0034	ssr1258	GO:0043234	0.0021
slr0313	GO:0006807	0.0092	slr1241	GO:0006629	0.006	slr2011	GO:0046873	0.0045	slr6039	GO:0044238	0.0034	slr0980	GO:0043234	0.0021
slr0517	GO:0006807	0.0092	ss16035	GO:0006396	0.006	s111530	GO:0046873	0.0045	slr1854	GO:0044262	0.0034	slr1906	GO:0044238	0.002
slr0238	GO:0006807	0.0092	slr5102	GO:0006396	0.006	slr0192	GO:0046873	0.0045	slr2105	GO:0044238	0.0034	slr0144	GO:0009116	0.002
ssr7079	GO:0006807	0.0092	s110996	GO:0006886	0.006	s111086	GO:0046873	0.0045	slr0326	GO:0008299	0.0034	s111563	GO:0009116	0.002
s118019	GO:0006807	0.0092	slr1474	GO:0006629	0.006	s111563	GO:0046873	0.0045	slr1880	GO:0044262	0.0034	slr0516	GO:0016070	0.002
s111911	GO:0006807	0.0092	slr2052	GO:0006629	0.006	slr0770	GO:0046873	0.0045	slr1188	GO:0044238	0.0034	slr5087	GO:0016070	0.002
s111380	GO:0006807	0.0092	ssr6089	GO:0006629	0.006	slr1073	GO:0046873	0.0045	ss10461	GO:0044238	0.0034	slr1959	GO:0044238	0.002
s117030	GO:0006807	0.0092	slr1601	GO:0006629	0.006	s111504	GO:0043234	0.0045	s110867	GO:0044238	0.0034	s110361	GO:0044238	0.002
ssr7035	GO:0006807	0.0092	slr0082	GO:0006396	0.006	ss13451	GO:0043234	0.0045	s110085	GO:0044262	0.0034	s110586	GO:0044238	0.002
slr2052	GO:0006807	0.0092	slr1056	GO:0006629	0.006	s118002	GO:0043234	0.0045	slr0294	GO:0006730	0.0034	s111052	GO:0016070	0.002
slr0863	GO:0006807	0.0092	ssr2553	GO:0006629	0.006	ssr1499	GO:0043234	0.0045	slr6008	GO:0044238	0.0034	s111191	GO:0016070	0.002
s110249	GO:0006807	0.0092	slr1174	GO:0006396	0.006	slr6013	GO:0043234	0.0045	s111265	GO:0044238	0.0034	slr0184	GO:0016070	0.002
ssr2975	GO:0006807	0.0092	ssr6002	GO:0006629	0.006	s110266	GO:0043234	0.0045	s110456	GO:0044262	0.0034	slr0241	GO:0016070	0.002
s117078	GO:0006807	0.0092	slr0730	GO:0006629	0.006	slr6067	GO:0043234	0.0045	s111939	GO:0044238	0.0034	slr1789	GO:0016070	0.002
ss17042	GO:0006807	0.0092	s111135	GO:0006886	0.006	slr0092	GO:0043234	0.0045	slr6103	GO:0008299	0.0034	s117070	GO:0016070	0.002
slr0755	GO:0006807	0.0092	s111321	GO:0006396	0.006	slr1150	GO:0043234	0.0045	slr1241	GO:0008299	0.0034	slr0921	GO:0009116	0.002
s111882	GO:0006807	0.0092	s111036	GO:0006629	0.006	s110802	GO:0043234	0.0045	slr1863	GO:0044238	0.0034	slr1073	GO:0009116	0.002
slr6045	GO:0006807	0.0092	ssr1768	GO:0006629	0.006	slr0606	GO:0043234	0.0045	s115128	GO:0008299	0.0034	slr8021	GO:0016070	0.002
slr1866	GO:0007154	0.0091	s110563	GO:0006396	0.006	slr0302	GO:0043234	0.0045	ssr1155	GO:0008299	0.0034	ss16035	GO:0016070	0.002
slr1194	GO:0007154	0.0091	slr0914	GO:0006629	0.006	slr1035	GO:0043234	0.0045	slr1179	GO:0044238	0.0034	s111717	GO:0016070	0.002
slr0345	GO:0006950	0.0091	s118035	GO:0006396	0.006	ss11923	GO:0043234	0.0045	s111722	GO:0044238	0.0034	s110309	GO:0009116	0.002
slr6071	GO:0006950	0.0091	slr0184	GO:0006629	0.006	s110913	GO:0043234	0.0045	slr6080	GO:0044238	0.0034	slr0909	GO:0044238	0.002
ssr1041	GO:0006950	0.0091	s111834	GO:0006396	0.006	slr1260	GO:0043234	0.0045	s111911	GO:0008299	0.0034	slr1215	GO:0006259	0.002

slr7026	G0:0006950	0.0091	slr1599	G0:0006629	0.006	ssr2422	G0:0043234	0.0045	slr1566	G0:0044238	0.0034	sl11442	G0:0009116	0.002
ssr5121	G0:0006950	0.0091	sl11285	G0:0006629	0.006	sl11722	G0:0043234	0.0045	sl11949	G0:0006730	0.0034	slr0082	G0:0016070	0.002
sl11702	G0:0006950	0.0091	slr6103	G0:0006396	0.006	slr0049	G0:0043234	0.0045	sl10553	G0:0044238	0.0034	slr0514	G0:0044238	0.002
sl11586	G0:0007154	0.0091	sl11652	G0:0006629	0.006	sl10994	G0:0043234	0.0045	slr0038	G0:0044238	0.0034	ss11046	G0:0016070	0.002
slr1396	G0:0006950	0.0091	ssr7079	G0:0006396	0.006	slr1576	G0:0043234	0.0045	slr6004	G0:0044238	0.0034	slr1087	G0:0016070	0.002
sl11784	G0:0006950	0.0091	sl10230	G0:0006396	0.006	slr2119	G0:0043234	0.0045	slr0863	G0:0008299	0.0034	sl10756	G0:0009116	0.002
ss15008	G0:0006950	0.0091	slr0863	G0:0006629	0.006	ss15031	G0:0043234	0.0045	slr1819	G0:0008299	0.0034	sl11340	G0:0016070	0.002
sl17077	G0:0006950	0.0091	ss15025	G0:0006396	0.006	sl10553	G0:0043234	0.0045	sl10532	G0:0006730	0.0034	slr7100	G0:0016070	0.002
slr1045	G0:0007154	0.0091	sl10442	G0:0006396	0.006	slr6049	G0:0043234	0.0045	sl11002	G0:0044262	0.0034	slr0238	G0:0016070	0.002
slr0376	G0:0007154	0.0091	ssr3570	G0:0006629	0.006	ssr1766	G0:0043234	0.0045	sl10479	G0:0008299	0.0034	sl18019	G0:0016070	0.002
sl10405	G0:0006950	0.0091	ssr6062	G0:0006396	0.006	slr7083	G0:0043234	0.0045	ss11690	G0:0008299	0.0034	sl11089	G0:0016070	0.002
slr0453	G0:0006950	0.0091	slr0273	G0:0006396	0.006	slr0912	G0:0043234	0.0045	sl11086	G0:0006730	0.0034	sl11675	G0:0009116	0.002
ssr3572	G0:0006950	0.0091	ssr3572	G0:0006629	0.006	sl115097	G0:0043234	0.0045	slr1964	G0:0006730	0.0034	slr1599	G0:0016070	0.002
ssr6062	G0:0006950	0.0091	slr2117	G0:0006629	0.006	slr0151	G0:0043234	0.0045	ssr3570	G0:0008299	0.0034	slr1210	G0:0009116	0.002
slr1681	G0:0006950	0.0091	slr7102	G0:0006396	0.006	sl11916	G0:0043234	0.0045	sl10066	G0:0006730	0.0034	ss17021	G0:0016070	0.002
ssr7079	G0:0006950	0.0091	slr0967	G0:0006629	0.006	sl11766	G0:0043234	0.0045	sl11736	G0:0006730	0.0034	sl10678	G0:0016070	0.002
slr1911	G0:0006950	0.0091	ss17007	G0:0006396	0.006	slr1378	G0:0043234	0.0045	sl10167	G0:0044238	0.0034	slr6029	G0:0016070	0.002
sl10552	G0:0006950	0.0091	slr1394	G0:0006629	0.006	sl11770	G0:0043234	0.0045	slr6065	G0:0044238	0.0034	slr0519	G0:0009116	0.002
ss17021	G0:0006950	0.0091	slr1915	G0:0006629	0.006	sl11252	G0:0043234	0.0045	sl15090	G0:0044238	0.0034	sl18011	G0:0016070	0.002
slr2003	G0:0006950	0.0091	slr2027	G0:0006396	0.006	slr1223	G0:0043234	0.0045	sl10023	G0:0006730	0.0034	slr0285	G0:0016070	0.002
slr1628	G0:0006950	0.0091	slr0667	G0:0006629	0.006	sl11378	G0:0043234	0.0045	sl10062	G0:0008299	0.0034	ssr2972	G0:0016070	0.002
sl10327	G0:0006950	0.0091	slr1290	G0:0006629	0.006	sl11447	G0:0043234	0.0045	slr1396	G0:0008299	0.0034	slr0364	G0:0009116	0.002
sl11915	G0:0006950	0.0091	sl11698	G0:0006629	0.006	sl18004	G0:0043234	0.0045	sl10860	G0:0044238	0.0034	sl11086	G0:0009116	0.002
slr6068	G0:0006950	0.0091	slr0551	G0:0006886	0.006	slr0598	G0:0043234	0.0045	ssr2554	G0:0044238	0.0034	slr1644	G0:0006807	0.002
sl15128	G0:0006950	0.0091	slr1441	G0:0006886	0.006	ss15129	G0:0043234	0.0045	sl11696	G0:0044238	0.0034	slr6091	G0:0016070	0.002
sl11192	G0:0006950	0.0091	slr0553	G0:0006886	0.006	slr5119	G0:0043234	0.0045	sl17028	G0:0008299	0.0034	ss10467	G0:0016070	0.002
sl18035	G0:0006950	0.0091	sl10765	G0:0006629	0.006	sl11485	G0:0043234	0.0045	ss12471	G0:0044238	0.0034	sl11652	G0:0016070	0.002
sl10499	G0:0007154	0.0091	slr6106	G0:0006396	0.006	sl11939	G0:0043234	0.0045	sl10811	G0:0044238	0.0034	slr5073	G0:0016070	0.002
sl10525	G0:0006950	0.0091	slr6081	G0:0006629	0.006	ssr0335	G0:0043234	0.0045	slr5021	G0:0044238	0.0034	slr7073	G0:0016070	0.002
slr0587	G0:0006950	0.0091	slr5073	G0:0006629	0.006	slr6047	G0:0043234	0.0045	slr1262	G0:0006730	0.0034	sl11151	G0:0016070	0.002
slr6106	G0:0006950	0.0091	sl10496	G0:0006396	0.006	slr0031	G0:0043234	0.0045	sl11321	G0:0008299	0.0034	ss10350	G0:0016070	0.002
slr0771	G0:0006950	0.0091	ss17074	G0:0006629	0.006	sl116053	G0:0043234	0.0045	slr1599	G0:0008299	0.0034	slr0397	G0:0006790	0.0019
slr0610	G0:0006950	0.0091	slr1023	G0:0006886	0.006	ssr5120	G0:0043234	0.0045	sl10066	G0:0044262	0.0034	slr0975	G0:0006725	0.0019
sl10069	G0:0006950	0.0091	slr0157	G0:0006886	0.006	sl118033	G0:0043234	0.0045	slr0013	G0:0008299	0.0034	sl11089	G0:0006790	0.0019
ss13692	G0:0007154	0.0091	ssr2067	G0:0006396	0.006	slr0196	G0:0043234	0.0045	sl10423	G0:0044238	0.0034	slr1143	G0:0016051	0.0019
sl10098	G0:0006950	0.0091	sl10160	G0:0006629	0.006	slr1677	G0:0043234	0.0045	sl11400	G0:0044238	0.0034	ssr1256	G0:0044238	0.0019
slr1601	G0:0006950	0.0091	ssr0657	G0:0006396	0.006	sl117047	G0:0043234	0.0045	slr0959	G0:0044238	0.0034	sl11512	G0:0006725	0.0019
ssr1425	G0:0006950	0.0091	slr6087	G0:0006396	0.006	sl111163	G0:0043234	0.0045	slr1577	G0:0008299	0.0034	sl11562	G0:0016051	0.0019
ss15100	G0:0006950	0.0091	ss11300	G0:0006396	0.006	ss12148	G0:0043234	0.0045	sl11262	G0:0044262	0.0034	sl10496	G0:0006790	0.0019
ss17039	G0:0006950	0.0091	slr1398	G0:0006886	0.006	sl10493	G0:0043234	0.0045	slr1315	G0:0044238	0.0034	slr0978	G0:0016051	0.0019
slr1206	G0:0006950	0.0091	slr1944	G0:0006629	0.006	slr1189	G0:0043234	0.0045	sl10241	G0:0044238	0.0034	slr1623	G0:0006790	0.0019
sl10096	G0:0007154	0.0091	ss10109	G0:0006886	0.006	ss15007	G0:0043234	0.0045	sl11785	G0:0008299	0.0034	slr1851	G0:0016051	0.0019
slr1107	G0:0007154	0.0091	ss18039	G0:0006629	0.006	ssr6026	G0:0043234	0.0045	slr1932	G0:0006730	0.0034	ssr2972	G0:0006790	0.0019
sl11609	G0:0006950	0.0091	sl117031	G0:0006396	0.006	slr0971	G0:0043234	0.0045	slr6031	G0:0044238	0.0034	slr2060	G0:0006790	0.0019
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slr0914	G0:0006950	0.0091	slr0634	G0:0006396	0.006	sl11401	G0:0043234	0.0045	slr7080	G0:0044238	0.0034	ssr6086	G0:0006790	0.0019
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slr0326	G0:0006950	0.0091	ssr6083	G0:0006629	0.006	ss11520	G0:0043234	0.0045	sl10545	G0:0044238	0.0034	slr1071	G0:0006725	0.0019
slr0269	G0:0006950	0.0091	slr5013	G0:0006396	0.006	slr1342	G0:0043234	0.0045	slr1339	G0:0044238	0.0034	sl10172	G0:0006790	0.0019
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ssr2318	GO:0006950	0.0091	ssr6030	GO:0006629	0.006	slr7080	GO:0043234	0.0045	slr1970	GO:0008299	0.0034	slr1194	GO:0006520	0.0019
ss15113	GO:0006950	0.0091	sl11609	GO:0006396	0.006	slr0552	GO:0043234	0.0045	sl10930	GO:0044238	0.0034	ssr7017	GO:0006790	0.0019
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sll10678	GO:0006259	0.0087	slr1819	GO:0030001	0.0058	sll11004	GO:0043234	0.0045	slr1885	GO:0044238	0.0033	sll11373	GO:0006790	0.0019
sll17086	GO:0006259	0.0087	slr1173	GO:0030001	0.0058	sll11511	GO:0043234	0.0045	sll10007	GO:0044238	0.0033	sll10822	GO:0009116	0.0019
sll1785	GO:0006259	0.0087	sll15067	GO:0030001	0.0058	slr0489	GO:0043234	0.0045	slr1676	GO:0044238	0.0033	sll10995	GO:0006725	0.0019
sll1882	GO:0006259	0.0087	slr0241	GO:0030001	0.0058	sll10428	GO:0043234	0.0045	slr1210	GO:0044238	0.0033	ssr1114	GO:0006725	0.0019
sll15128	GO:0006259	0.0087	slr0300	GO:0030001	0.0058	sll10659	GO:0043234	0.0045	sll11086	GO:0044238	0.0033	slr0589	GO:0009116	0.0019
sll15089	GO:0006259	0.0087	slr8022	GO:0030001	0.0058	sll17063	GO:0043234	0.0045	slr1900	GO:0044262	0.0033	slr1624	GO:0006790	0.0019
sll10298	GO:0006259	0.0087	slr1082	GO:0016853	0.0058	slr0581	GO:0043234	0.0045	slr0192	GO:0044238	0.0033	sll10788	GO:0009116	0.0019
slr6094	GO:0006259	0.0087	sll10069	GO:0046873	0.0058	sll11783	GO:0043234	0.0045	sll10023	GO:0044238	0.0033	slr0848	GO:0044238	0.0019
slr7071	GO:0006259	0.0087	slr0169	GO:0016853	0.0058	slr1907	GO:0043234	0.0045	sll10237	GO:0044238	0.0033	sll11340	GO:0006790	0.0019
slr5111	GO:0006259	0.0087	slr0053	GO:0016853	0.0058	ssr6048	GO:0043234	0.0045	slr0770	GO:0044238	0.0033	sll10208	GO:0016051	0.0019
sll1926	GO:0006259	0.0087	ssr0109	GO:0046873	0.0058	slr1462	GO:0043234	0.0045	slr1437	GO:0044238	0.0033	sll17086	GO:0006790	0.0019
slr0039	GO:0006259	0.0087	ssl13549	GO:0046873	0.0058	slr5116	GO:0043234	0.0045	slr1612	GO:0044262	0.0033	ssr1528	GO:0006725	0.0019
slr0291	GO:0006259	0.0087	sll10141	GO:0016853	0.0058	sll11063	GO:0043234	0.0045	slr1638	GO:0044238	0.0033	sll10737	GO:0006725	0.0019
sll17055	GO:0006259	0.0087	slr0731	GO:0046873	0.0058	sll10423	GO:0043234	0.0045	slr1073	GO:0044238	0.0033	slr1875	GO:0006790	0.0019
sll10765	GO:0006259	0.0087	sll17065	GO:0016853	0.0058	slr6080	GO:0043234	0.0045	ssr2439	GO:0044238	0.0033	ssr7093	GO:0006790	0.0019
sll11763	GO:0016820	0.0087	slr1852	GO:0016853	0.0058	slr7096	GO:0043234	0.0045	slr0023	GO:0044238	0.0033	slr0980	GO:0005216	0.0019
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ssr2142	GO:0016740	0.0087	slr0459	GO:0046873	0.0058	slr1753	GO:0043234	0.0045	ssr2615	GO:0044238	0.0033	slr0919	GO:0005216	0.0019
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s110192	GO:0007154	0.0086	s110539	GO:0016853	0.0058	s1r0356	GO:0043234	0.0045	s1r1778	GO:0044238	0.0033	s1r2084	GO:0006725	0.0018
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ssr3410	GO:0016810	0.0086	s1r1895	GO:0016853	0.0058	ss17046	GO:0043234	0.0045	s111586	GO:0044262	0.0033	s1r0651	GO:0009116	0.0018
s1r0398	GO:0016810	0.0086	ssr6062	GO:0046873	0.0058	s1r1183	GO:0043234	0.0045	s1r2144	GO:0044238	0.0033	ssr7084	GO:0009116	0.0018
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slr0065	G0:0016810	0.0086	s111938	G0:0016853	0.0058	s110732	G0:0006886	0.0044	s110513	G0:0016829	0.0032	s111531	G0:0009116	0.0018
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slr1261	G0:0016810	0.0086	s110565	G0:0046873	0.0058	s111873	G0:0016829	0.0043	slr1398	G0:0016829	0.0032	ssr2711	G0:0009116	0.0018
slr0959	G0:0016810	0.0086	s117050	G0:0046873	0.0058	s110412	G0:0016829	0.0043	s110301	G0:0016829	0.0032	s110405	G0:0009116	0.0018
slr7082	G0:0016810	0.0086	s111052	G0:0046873	0.0058	slr0249	G0:0016829	0.0043	s110615	G0:0016829	0.0032	s110702	G0:0006725	0.0018
ss15098	G0:0016810	0.0086	ssr5074	G0:0046873	0.0058	s111173	G0:0016829	0.0043	s110910	G0:0016829	0.0032	s111541	G0:0009116	0.0018
s110609	G0:0016810	0.0086	slr5087	G0:0046873	0.0058	s110688	G0:0016829	0.0043	slr1376	G0:0016829	0.0032	ssr3467	G0:0009116	0.0018
slr6014	G0:0016810	0.0086	slr0455	G0:0016853	0.0058	s110449	G0:0016829	0.0043	slr1047	G0:0016829	0.0032	slr1062	G0:0009116	0.0018
s110436	G0:0016810	0.0086	slr0771	G0:0046873	0.0058	s110359	G0:0016829	0.0043	s111222	G0:0016810	0.0032	slr1288	G0:0009116	0.0018
slr0146	G0:0016810	0.0086	slr1240	G0:0016853	0.0058	slr0554	G0:0016829	0.0043	slr0551	G0:0016829	0.0032	slr2110	G0:0009116	0.0018
sg10002	G0:0016810	0.0086	s111956	G0:0016853	0.0058	s111541	G0:0016829	0.0043	s110499	G0:0016829	0.0032	ssr8013	G0:0009116	0.0018
slr0092	G0:0016810	0.0086	s111131	G0:0046873	0.0058	s111267	G0:0016829	0.0043	slr0476	G0:0016829	0.0032	s110071	G0:0006790	0.0018
slr8014	G0:0016810	0.0086	ss13382	G0:0016853	0.0058	slr0456	G0:0016829	0.0043	slr1222	G0:0016829	0.0032	slr2038	G0:0006790	0.0018
s115026	G0:0016810	0.0086	ssr1041	G0:0046873	0.0058	ssr1552	G0:0016829	0.0043	s111542	G0:0016829	0.0032	s111142	G0:0009116	0.0018
slr0964	G0:0016810	0.0086	slr1062	G0:0016853	0.0058	s111938	G0:0016829	0.0043	slr1533	G0:0016829	0.0032	s111926	G0:0009116	0.0018
slr6065	G0:0016810	0.0086	slr1033	G0:0016853	0.0058	s110911	G0:0016829	0.0043	s110354	G0:0016829	0.0032	ssr2049	G0:0004872	0.0018
s111265	G0:0016810	0.0086	s111021	G0:0016853	0.0058	s111071	G0:0016829	0.0043	slr0250	G0:0016829	0.0032	slr1385	G0:0004872	0.0018
slr1927	G0:0016810	0.0086	s111267	G0:0016853	0.0058	s111582	G0:0016829	0.0043	ssr1391	G0:0016829	0.0032	slr1603	G0:0004872	0.0018
s111511	G0:0016810	0.0086	slr0318	G0:0016853	0.0058	slr0596	G0:0016829	0.0043	slr1674	G0:0016829	0.0032	slr1702	G0:0005216	0.0018
slr1660	G0:0016810	0.0086	slr1288	G0:0016853	0.0058	s110588	G0:0016829	0.0043	ss13692	G0:0016829	0.0032	slr1023	G0:0009116	0.0017
s116054	G0:0016810	0.0086	slr0373	G0:0016853	0.0058	slr1415	G0:0016829	0.0043	ssr1698	G0:0016829	0.0032	ss12996	G0:0044262	0.0017
slr5118	G0:0016810	0.0086	s111763	G0:0004518	0.0058	s110572	G0:0016829	0.0043	slr1918	G0:0016829	0.0032	slr0551	G0:0016051	0.0017
s110102	G0:0016810	0.0086	slr0815	G0:0016853	0.0058	slr1852	G0:0016829	0.0043	slr0765	G0:0016810	0.0032	s110413	G0:0006812	0.0017
slr1186	G0:0016810	0.0086	slr0588	G0:0046873	0.0058	sm10011	G0:0016829	0.0043	slr1726	G0:0016829	0.0032	s110192	G0:0044262	0.0017
s111217	G0:0016810	0.0086	slr0358	G0:0016853	0.0058	slr2125	G0:0016829	0.0043	slr1417	G0:0016829	0.0032	slr5024	G0:0044262	0.0017
ss15007	G0:0016810	0.0086	s110172	G0:0046873	0.0058	slr1541	G0:0016829	0.0043	s111426	G0:0016829	0.0032	s110263	G0:0016051	0.0017
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s115006	G0:0008299	0.0085	ssr0336	G0:0046873	0.0058	slr1413	G0:0016829	0.0043	slr0423	G0:0016829	0.0032	s111671	G0:0016051	0.0017
s110763	G0:0006139	0.0085	ss10294	G0:0004518	0.0058	slr0318	G0:0016829	0.0043	s110732	G0:0016829	0.0032	slr0948	G0:0044262	0.0017
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s111884	G0:0008299	0.0085	s115028	G0:0046873	0.0058	slr0053	G0:0016829	0.0043	s110382	G0:0016829	0.0032	slr0810	G0:0044238	0.0017

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sll10238	GO:0006139	0.0085	sll10160	GO:0046873	0.0058	sll10225	GO:0016829	0.0043	slr1110	GO:0016853	0.0031	slr6081	GO:0044262	0.0017
sll10524	GO:0006812	0.0085	sll11072	GO:0016853	0.0058	slr1383	GO:0016829	0.0043	slr0341	GO:0016788	0.0031	slr0479	GO:0044262	0.0017
sll11022	GO:0008299	0.0085	slr0575	GO:0046873	0.0058	sll18035	GO:0006520	0.0041	slr1565	GO:0016853	0.0031	slr1819	GO:0044262	0.0017
sll10532	GO:0006812	0.0085	sll10787	GO:0016853	0.0058	slr7060	GO:0006520	0.0041	ssr2049	GO:0016788	0.0031	slr0305	GO:0009116	0.0017
slr2119	GO:0008299	0.0085	ssl5068	GO:0046873	0.0058	sll11307	GO:0006520	0.0041	slr0317	GO:0016853	0.0031	sll10596	GO:0016051	0.0017
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ssr2803	GO:0006139	0.0085	slr0670	GO:0046873	0.0058	slr0326	GO:0006520	0.0041	sll11749	GO:0016853	0.0031	sll11381	GO:0044262	0.0017
sll10658	GO:0008299	0.0085	slr6103	GO:0046873	0.0058	ssr6089	GO:0006520	0.0041	sll10071	GO:0016853	0.0031	sll11426	GO:0016051	0.0017
sll18004	GO:0008299	0.0085	slr1394	GO:0046873	0.0058	sll10327	GO:0006520	0.0041	sll10103	GO:0016853	0.0031	slr1799	GO:0016051	0.0017
sll10886	GO:0008299	0.0085	slr1101	GO:0046873	0.0058	sll11158	GO:0006520	0.0041	slr0442	GO:0016853	0.0031	ssr3129	GO:0044262	0.0017
sll10456	GO:0006812	0.0085	slr2012	GO:0046873	0.0058	sll10286	GO:0006886	0.0041	ssr2803	GO:0016853	0.0031	slr1926	GO:0044262	0.0017
sll10518	GO:0008299	0.0085	sll11660	GO:0016853	0.0058	slr6094	GO:0006520	0.0041	slr0919	GO:0016853	0.0031	ss15064	GO:0044262	0.0017
sll10702	GO:0006139	0.0085	slr0590	GO:0046873	0.0058	sll10565	GO:0006520	0.0041	slr1603	GO:0016788	0.0031	slr0243	GO:0016051	0.0017
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sll10071	GO:0006139	0.0085	slr1053	GO:0016853	0.0058	slr6012	GO:0006520	0.0041	slr1270	GO:0005976	0.003	slr0299	GO:0009116	0.0017
sll11232	GO:0008299	0.0085	slr1087	GO:0046873	0.0058	slr1570	GO:0006520	0.0041	slr1169	GO:0006730	0.003	slr0250	GO:0009116	0.0017
sll10913	GO:0008299	0.0085	sll11714	GO:0046873	0.0058	ssr5074	GO:0006520	0.0041	slr1468	GO:0005976	0.003	sll10625	GO:0044262	0.0017
ssr2611	GO:0008299	0.0085	slr5024	GO:0046873	0.0058	slr0709	GO:0006520	0.0041	slr1340	GO:0005976	0.003	slr1990	GO:0044262	0.0017
slr0941	GO:0006812	0.0085	slr7057	GO:0046873	0.0058	slr1790	GO:0006520	0.0041	sll10451	GO:0006730	0.003	sll11913	GO:0016051	0.0017
sll10853	GO:0008299	0.0085	sll10685	GO:0016853	0.0058	slr0919	GO:0006886	0.0041	ss10461	GO:0005976	0.003	sll11060	GO:0009116	0.0017
ssr7072	GO:0008299	0.0085	sll11950	GO:0016853	0.0058	slr0423	GO:0006730	0.0041	sll11072	GO:0006730	0.003	slr1052	GO:0006139	0.0017
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sll11965	GO:0006812	0.0085	slr1544	GO:0016853	0.0058	sll11131	GO:0006520	0.0041	slr0172	GO:0006730	0.003	ssr5121	GO:0044262	0.0017
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sll10487	GO:0008299	0.0085	slr0712	GO:0046873	0.0058	ssr2848	GO:0006730	0.0041	slr5021	GO:0005976	0.003	slr1780	GO:0044262	0.0017
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slr6047	GO:0008299	0.0085	sll11173	GO:0016853	0.0058	sll10249	GO:0006520	0.0041	sll11163	GO:0005976	0.003	slr0609	GO:0044262	0.0017
sll11830	GO:0006812	0.0085	slr1425	GO:0046873	0.0058	ssl7074	GO:0006520	0.0041	sll11752	GO:0006730	0.003	sll10296	GO:0009116	0.0017
sll15130	GO:0008299	0.0085	ssl2971	GO:0046873	0.0058	slr0521	GO:0006520	0.0041	ssl1923	GO:0005976	0.003	sll11321	GO:0044262	0.0017
sll11902	GO:0006139	0.0085	sll11201	GO:0016853	0.0058	sll10793	GO:0006520	0.0041	sll11400	GO:0005976	0.003	ssr8047	GO:0044262	0.0017
slr0400	GO:0008299	0.0085	slr1122	GO:0016853	0.0058	slr1376	GO:0006730	0.0041	ssr2554	GO:0005976	0.003	sll11247	GO:0009116	0.0017
slr1676	GO:0006812	0.0085	ssr1558	GO:0046873	0.0058	sll17030	GO:0006520	0.0041	slr1484	GO:0005976	0.003	slr1601	GO:0044262	0.0017
slr0598	GO:0008299	0.0085	slr0812	GO:0046873	0.0058	slr2025	GO:0006730	0.0041	ssr3341	GO:0005976	0.003	sll10354	GO:0009116	0.0017
slr0592	GO:0008299	0.0085	sll11089	GO:0046873	0.0058	slr0948	GO:0006520	0.0041	sll11715	GO:0005976	0.003	slr1519	GO:0016051	0.0017
slr1566	GO:0008299	0.0085	ssl0483	GO:0016853	0.0058	sll10069	GO:0006520	0.0041	sll11414	GO:0005976	0.003	ssl6035	GO:0044262	0.0017
slr0196	GO:0008299	0.0085	sll17090	GO:0046873	0.0058	slr2003	GO:0006520	0.0041	sll10735	GO:0006812	0.003	sll11542	GO:0016051	0.0017
slr1275	GO:0006812	0.0085	sll10297	GO:0016853	0.0058	slr0582	GO:0006520	0.0041	sll11902	GO:0006730	0.003	sll11174	GO:0009116	0.0017
slr7101	GO:0008299	0.0085	sll11573	GO:0046873	0.0058	slr1442	GO:0006520	0.0041	slr0112	GO:0006730	0.003	slr1114	GO:0044262	0.0017
sll11485	GO:0008299	0.0085	sll11784	GO:0046873	0.0058	slr0498	GO:0006520	0.0041	slr1071	GO:0006730	0.003	ssr3532	GO:0016051	0.0017
slr0579	GO:0006139	0.0085	sll11340	GO:0046873	0.0058	ssr6099	GO:0006520	0.0041	slr1677	GO:0005976	0.003	slr1603	GO:0044238	0.0017
slr6090	GO:0008299	0.0085	sll11830	GO:0006886	0.0057	ssl0109	GO:0006730	0.0041	slr1533	GO:0005976	0.003	slr0287	GO:0016051	0.0017
sll17064	GO:0008299	0.0085	slr1573	GO:0006886	0.0057	slr6104	GO:0006520	0.0041	slr0250	GO:0005976	0.003	ssr2848	GO:0016051	0.0017
sll11761	GO:0006812	0.0085	sll10456	GO:0006886	0.0057	slr0285	GO:0006520	0.0041	slr0765	GO:0006812	0.003	ssl0353	GO:0044262	0.0017
slr1150	GO:0008299	0.0085	ssr2551	GO:0006886	0.0057	sll10269	GO:0006886	0.0041	slr1223	GO:0005976	0.003	ssr7035	GO:0044262	0.0017
slr1576	GO:0008299	0.0085	ssr3532	GO:0008299	0.0057	slr0755	GO:0006520	0.0041	slr1034	GO:0005976	0.003	slr0699	GO:0044262	0.0017
slr1863	GO:0008299	0.0085	sll10854	GO:0008299	0.0057	ssl7007	GO:0006520	0.0041	ssl3291	GO:0006730	0.003	slr0313	GO:0044262	0.0017
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slr0208	GO:0006139	0.0085	slr1081	GO:0006886	0.0057	slr2004	GO:0006520	0.0041	slr1273	GO:0005976	0.003	sll17090	GO:0044262	0.0017
slr0103	GO:0006812	0.0085	slr1222	GO:0008299	0.0057	slr5053	GO:0006520	0.0041	slr0146	GO:0005976	0.003	sll10743	GO:0016051	0.0017
sll10066	GO:0006812	0.0085	slr0208	GO:0006812	0.0057	slr6088	GO:0006520	0.0041	slr6072	GO:0005976	0.003	sll10335	GO:0044262	0.0017
sll10497	GO:0006812	0.0085	ssr2755	GO:0006886	0.0057	slr1623	GO:0006520	0.0041	sll10508	GO:0005976	0.003	sll10577	GO:0044249	0.0017
ssr6020	GO:0008299	0.0085	slr1177	GO:0006886	0.0057	ssr2802	GO:0006520	0.0041	sll10513	GO:0005976	0.003	slr1107	GO:0016051	0.0017
slr1168	GO:0008299	0.0085	sll11835	GO:0006886	0.0057	sll17067	GO:0006520	0.0041	slr1209	GO:0006730	0.003	slr1449	GO:0044262	0.0017

slr1753	GO:0008299	0.0085	sll1472	GO:0008299	0.0057	ssr0759	GO:0006520	0.0041	sll0860	GO:0005976	0.003	sll1219	GO:0016051	0.0017
sll1306	GO:0008299	0.0085	sll1613	GO:0006886	0.0057	slr1624	GO:0006520	0.0041	slr6047	GO:0005976	0.003	ssr2333	GO:0044262	0.0017
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ssl1972	GO:0008299	0.0085	sll10414	GO:0006886	0.0057	slr0345	GO:0006520	0.0041	slr0147	GO:0006812	0.003	sll11858	GO:0044238	0.0017
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slr6014	GO:0008299	0.0085	sll11174	GO:0008299	0.0057	slr1789	GO:0006520	0.0041	sll11654	GO:0006730	0.003	slr2060	GO:0044262	0.0017
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sll10933	GO:0005975	0.0084	ssr2615	GO:0006886	0.0057	ssr1041	GO:0006520	0.0041	sll11411	GO:0006730	0.003	sll18011	GO:0044262	0.0017
sll10242	GO:0005975	0.0084	sll10085	GO:0006886	0.0057	sll11135	GO:0006730	0.0041	sll11873	GO:0006730	0.003	slr7094	GO:0044262	0.0017
slr1648	GO:0016788	0.0084	slr1932	GO:0006886	0.0057	ssr0109	GO:0006520	0.0041	sll11461	GO:0005976	0.003	slr2027	GO:0044262	0.0017
ssr2755	GO:0016788	0.0084	ssr1258	GO:0006812	0.0057	sll15089	GO:0006520	0.0041	slr0869	GO:0005976	0.003	sll11380	GO:0044262	0.0017
slr2121	GO:0016788	0.0084	slr0668	GO:0006886	0.0057	sll11095	GO:0006520	0.0041	slr1196	GO:0005976	0.003	slr1127	GO:0016051	0.0017
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slr0103	GO:0016788	0.0084	sll10243	GO:0004872	0.0057	ssr1425	GO:0006520	0.0041	sll11472	GO:0005976	0.003	slr0157	GO:0016051	0.0017
slr0204	GO:0016788	0.0084	sll11530	GO:0004872	0.0057	slr1441	GO:0006730	0.0041	ssr6048	GO:0005976	0.003	slr2052	GO:0044262	0.0017
sll10243	GO:0016788	0.0084	slr1230	GO:0004872	0.0057	sll11714	GO:0006520	0.0041	sll11485	GO:0005976	0.003	slr0109	GO:0044262	0.0017
sll10381	GO:0016788	0.0084	slr1880	GO:0004872	0.0057	sll11692	GO:0006520	0.0041	slr7082	GO:0005976	0.003	slr6106	GO:0044262	0.0017
slr0482	GO:0016788	0.0084	slr0404	GO:0004872	0.0057	slr1056	GO:0006520	0.0041	sll15006	GO:0005976	0.003	slr0416	GO:0044262	0.0017
slr1437	GO:0016788	0.0084	slr0586	GO:0004872	0.0057	sll11049	GO:0006520	0.0041	slr6004	GO:0005976	0.003	sll10513	GO:0009116	0.0017
slr0921	GO:0016788	0.0084	sll11563	GO:0004872	0.0057	slr0238	GO:0006520	0.0041	sll11173	GO:0006730	0.003	ssl0467	GO:0044262	0.0017
sll10780	GO:0016788	0.0084	slr2011	GO:0004872	0.0057	ssl6035	GO:0006520	0.0041	slr1762	GO:0006730	0.003	sll17031	GO:0044262	0.0017
slr1573	GO:0016788	0.0084	sll10280	GO:0004872	0.0057	sll10192	GO:0043169	0.0041	sll10590	GO:0006730	0.003	sll11526	GO:0044249	0.0017
slr1999	GO:0016788	0.0084	slr1275	GO:0004872	0.0057	slr1444	GO:0016853	0.0041	sll11505	GO:0006730	0.003	sll11218	GO:0009116	0.0017
sll10355	GO:0016788	0.0084	sll11315	GO:0004872	0.0057	sll10183	GO:0016853	0.0041	sll11186	GO:0005976	0.003	sll11942	GO:0016051	0.0017
sll10023	GO:0016788	0.0084	ssl2807	GO:0004872	0.0057	slr1773	GO:0008324	0.0041	ssl10750	GO:0015031	0.003	sll11158	GO:0044262	0.0017
sll10497	GO:0016788	0.0084	slr1436	GO:0004872	0.0057	slr1565	GO:0004872	0.0041	ssr6020	GO:0005976	0.003	ssl17042	GO:0044262	0.0017
slr1913	GO:0016788	0.0084	sll10676	GO:0004872	0.0057	sll10071	GO:0004872	0.0041	slr1066	GO:0005976	0.003	sll10931	GO:0008299	0.0017
sll10177	GO:0016788	0.0084	ssr2551	GO:0004872	0.0057	sll10192	GO:0016853	0.0041	slr1470	GO:0005976	0.003	slr0740	GO:0044249	0.0017
slr1932	GO:0016788	0.0084	slr1667	GO:0004872	0.0057	slr0147	GO:0008324	0.0041	slr6064	GO:0005976	0.003	ssr6062	GO:0044262	0.0017
ssr2615	GO:0016788	0.0084	sll10456	GO:0004872	0.0057	slr2084	GO:0004872	0.0041	slr1918	GO:0005976	0.003	ssr3154	GO:0006629	0.0017
slr2073	GO:0016788	0.0084	sll11965	GO:0004872	0.0057	slr1110	GO:0004872	0.0041	sll11022	GO:0005976	0.003	ssr6083	GO:0044262	0.0017
slr1778	GO:0016788	0.0084	ssr2787	GO:0004872	0.0057	slr1495	GO:0004872	0.0041	slr2125	GO:0006730	0.003	slr0587	GO:0044262	0.0017
sll10280	GO:0016788	0.0084	sll10314	GO:0004872	0.0057	sll11119	GO:0004872	0.0041	slr1674	GO:0005976	0.003	sll11891	GO:0044262	0.0017
slr0872	GO:0016788	0.0084	ssl0750	GO:0016874	0.0057	ssl3291	GO:0004872	0.0041	slr6073	GO:0005976	0.003	slr0514	GO:0044262	0.0017
ssr1765	GO:0016788	0.0084	sll11658	GO:0004872	0.0057	ssr0692	GO:0008324	0.0041	slr0554	GO:0006730	0.003	ssr1256	GO:0005976	0.0017
sll10216	GO:0016788	0.0084	slr1618	GO:0004872	0.0057	sll11526	GO:0016853	0.0041	sll11350	GO:0006730	0.003	slr1047	GO:0044249	0.0017
slr1571	GO:0016788	0.0084	slr0348	GO:0004872	0.0057	slr1767	GO:0043169	0.0041	slr0919	GO:0006730	0.003	sll17087	GO:0044262	0.0017
slr1854	GO:0016788	0.0084	sll10007	GO:0004872	0.0057	slr0919	GO:0004872	0.0041	sll11426	GO:0005976	0.003	ssl10109	GO:0016051	0.0017
slr0519	GO:0016788	0.0084	slr0770	GO:0004872	0.0057	sll11526	GO:0043169	0.0041	sll11526	GO:0006730	0.0029	sll10413	GO:0006139	0.0017
sll11563	GO:0016788	0.0084	sll11086	GO:0004872	0.0057	sll11222	GO:0008324	0.0041	slr1098	GO:0006730	0.0029	ssl2384	GO:0044262	0.0017
sll1262	GO:0016788	0.0084	sll10414	GO:0004872	0.0057	sll10788	GO:0016853	0.0041	slr1143	GO:0006730	0.0029	ssr2711	GO:0044262	0.0017
ssr2551	GO:0016788	0.0084	sll10982	GO:0004872	0.0057	slr1847	GO:0016853	0.0041	slr1926	GO:0006730	0.0029	ssl17021	GO:0044262	0.0017
ssr3122	GO:0016788	0.0084	slr1638	GO:0004872	0.0057	slr1726	GO:0016853	0.0041	slr1307	GO:0006730	0.0029	sll11586	GO:0016051	0.0017
slr1203	GO:0016788	0.0084	sll10216	GO:0004872	0.0057	sll11912	GO:0004872	0.0041	slr1959	GO:0006730	0.0029	slr0241	GO:0044262	0.0017
sll11736	GO:0016788	0.0084	sll11442	GO:0004872	0.0057	slr0263	GO:0016853	0.0041	sll10783	GO:0006730	0.0029	slr1847	GO:0044262	0.0017
sll10414	GO:0016788	0.0084	sll10944	GO:0004872	0.0057	sll10577	GO:0016853	0.0041	slr0602	GO:0016772	0.0029	slr1935	GO:0044262	0.0017
slr1885	GO:0016788	0.0084	slr0204	GO:0004872	0.0057	slr0740	GO:0016853	0.0041	slr1809	GO:0016051	0.0028	sll11446	GO:0006629	0.0017
sll11512	GO:0044267	0.0083	sll17063	GO:0030001	0.0056	ssl2996	GO:0043169	0.0041	sll10846	GO:0006730	0.0028	slr0876	GO:0016051	0.0017
sll10595	GO:0044267	0.0083	slr1863	GO:0030001	0.0056	slr0496	GO:0016853	0.0041	slr1544	GO:0016051	0.0028	sll10985	GO:0016772	0.0017
slr0104	GO:0044267	0.0083	slr0211	GO:0006164	0.0056	sll10732	GO:0016853	0.0041	slr0358	GO:0016051	0.0028	sll18007	GO:0016051	0.0016
slr0729	GO:0044267	0.0083	sll16052	GO:0006164	0.0056	slr0208	GO:0004872	0.0041	sll11925	GO:0016051	0.0028	sll15034	GO:0016051	0.0016
sll10588	GO:0044267	0.0083	slr1394	GO:0006164	0.0056	sll10910	GO:0043169	0.0041	ssr3409	GO:0006730	0.0028	slr0151	GO:0016051	0.0016

slr2048	GO:0044267	0.0083	sl10481	GO:0030001	0.0056	slr1774	GO:0008324	0.0041	slr1436	GO:0016070	0.0028	slr0398	GO:0016051	0.0016
sl10888	GO:0044267	0.0083	slr0967	GO:0006164	0.0056	slr1098	GO:0016853	0.0041	sl10309	GO:0016070	0.0028	sl10547	GO:0006725	0.0016
sl11634	GO:0044267	0.0083	sl116054	GO:0030001	0.0056	slr0607	GO:0043169	0.0041	sl10982	GO:0016070	0.0028	sl11109	GO:0016051	0.0016
sl11390	GO:0044267	0.0083	slr1187	GO:0006886	0.0056	ssr1114	GO:0043234	0.0041	sl10590	GO:0016051	0.0028	sl11477	GO:0044267	0.0016
slr1169	GO:0044267	0.0083	slr6013	GO:0030001	0.0056	slr0431	GO:0043234	0.0041	sl11350	GO:0016051	0.0028	sl11414	GO:0016051	0.0016
sl10827	GO:0044267	0.0083	sl11254	GO:0006164	0.0056	sl10810	GO:0043234	0.0041	slr0092	GO:0006730	0.0028	slr0065	GO:0016051	0.0016
sl10843	GO:0044267	0.0083	sl11109	GO:0006886	0.0056	sl10281	GO:0043234	0.0041	slr1288	GO:0016051	0.0028	slr0870	GO:0016051	0.0016
slr1258	GO:0044267	0.0083	sl10249	GO:0006164	0.0056	sl10623	GO:0043234	0.0041	slr1638	GO:0016070	0.0028	sl10553	GO:0016051	0.0016
slr1122	GO:0044267	0.0083	sl10609	GO:0006886	0.0056	sl11530	GO:0043234	0.0041	sl10268	GO:0016051	0.0028	sl11306	GO:0016051	0.0016
slr1544	GO:0044267	0.0083	slr0871	GO:0006164	0.0056	sl10832	GO:0043234	0.0041	slr2111	GO:0016070	0.0028	sl11401	GO:0016051	0.0016
slr2005	GO:0044267	0.0083	ssr3570	GO:0006164	0.0056	slr1240	GO:0043234	0.0041	slr0104	GO:0016051	0.0028	sl10283	GO:0006725	0.0016
slr0605	GO:0044267	0.0083	sl11486	GO:0006164	0.0056	sl11344	GO:0043234	0.0041	sl11563	GO:0016070	0.0028	slr1270	GO:0016051	0.0016
sl10359	GO:0044267	0.0083	sl117086	GO:0006164	0.0056	ss1045	GO:0043234	0.0041	slr0818	GO:0006164	0.0028	slr7023	GO:0016051	0.0016
sl11752	GO:0044267	0.0083	slr0937	GO:0006164	0.0056	slr0207	GO:0043234	0.0041	sl11002	GO:0016070	0.0028	slr1110	GO:0009116	0.0016
sl11730	GO:0044267	0.0083	slr1450	GO:0006164	0.0056	sl10688	GO:0043234	0.0041	slr6066	GO:0006730	0.0028	slr0869	GO:0016051	0.0016
slr2125	GO:0016810	0.0083	sl11252	GO:0006886	0.0056	slr1544	GO:0043234	0.0041	slr0272	GO:0016051	0.0028	slr1052	GO:0007154	0.0016
slr2048	GO:0016810	0.0083	sl11092	GO:0006886	0.0056	sl110147	GO:0043234	0.0041	slr1188	GO:0006730	0.0028	sl10702	GO:0009116	0.0016
slr1122	GO:0016810	0.0083	sl11232	GO:0006886	0.0056	sl110189	GO:0043234	0.0041	ssr2009	GO:0016051	0.0028	sl10867	GO:0016051	0.0016
slr1288	GO:0016810	0.0083	slr1670	GO:0006164	0.0056	sl10703	GO:0043234	0.0041	slr7015	GO:0006730	0.0028	ssr1951	GO:0016051	0.0016
sl10412	GO:0016810	0.0083	slr0821	GO:0006886	0.0056	sl10314	GO:0043234	0.0041	ssr3300	GO:0016051	0.0028	ss11792	GO:0016051	0.0016
slr0373	GO:0016810	0.0083	ssr2611	GO:0030001	0.0056	slr1664	GO:0043234	0.0041	slr1940	GO:0016051	0.0028	sl11400	GO:0016051	0.0016
slr1070	GO:0016810	0.0083	sl10742	GO:0030001	0.0056	slr1070	GO:0043234	0.0041	slr2101	GO:0006730	0.0028	sl11765	GO:0016051	0.0016
slr1152	GO:0016810	0.0083	ss17039	GO:0006164	0.0056	slr0962	GO:0043234	0.0041	sl10669	GO:0016051	0.0028	slr1376	GO:0006725	0.0016
slr1895	GO:0016810	0.0083	sl110397	GO:0006886	0.0056	ssr3300	GO:0043234	0.0041	slr0149	GO:0016051	0.0028	slr6066	GO:0016051	0.0016
slr0654	GO:0016810	0.0083	slr0948	GO:0006164	0.0056	slr1638	GO:0043234	0.0041	sl10911	GO:0016051	0.0028	sl11863	GO:0016051	0.0016
sl10449	GO:0016810	0.0083	sl11552	GO:0006886	0.0056	slr0935	GO:0043234	0.0041	sl11571	GO:0006730	0.0028	slr1721	GO:0016051	0.0016
sl11239	GO:0016810	0.0083	slr1900	GO:0006164	0.0056	slr0364	GO:0043234	0.0041	ss12420	GO:0006730	0.0028	slr1547	GO:0016051	0.0016
slr1647	GO:0016810	0.0083	slr7023	GO:0006886	0.0056	slr1932	GO:0043234	0.0041	ss18003	GO:0006730	0.0028	ssr2611	GO:0016051	0.0016
sl11950	GO:0016810	0.0083	slr0695	GO:0030001	0.0056	ss10739	GO:0043234	0.0041	sl10810	GO:0016051	0.0028	sl11853	GO:0016051	0.0016
sl10911	GO:0016810	0.0083	sl115032	GO:0006886	0.0056	sl11956	GO:0043234	0.0041	slr1384	GO:0006730	0.0028	sl10846	GO:0016051	0.0016
sl11304	GO:0016810	0.0083	sl110327	GO:0006164	0.0056	slr0456	GO:0043234	0.0041	sl11239	GO:0016051	0.0028	sl11766	GO:0016051	0.0016
sl10156	GO:0016810	0.0083	slr1183	GO:0006886	0.0056	slr1658	GO:0043234	0.0041	sl18004	GO:0006730	0.0028	slr1097	GO:0016051	0.0016
slr1762	GO:0016810	0.0083	slr2118	GO:0030001	0.0056	slr1668	GO:0043234	0.0041	slr0569	GO:0006730	0.0028	slr0606	GO:0016051	0.0016
sl11173	GO:0016810	0.0083	sl10811	GO:0030001	0.0056	slr1033	GO:0043234	0.0041	slr1070	GO:0016051	0.0028	slr2101	GO:0016051	0.0016
sl11240	GO:0016810	0.0083	slr1187	GO:0030001	0.0056	sl10997	GO:0043234	0.0041	sl10189	GO:0016051	0.0028	slr0695	GO:0016051	0.0016
slr0456	GO:0016810	0.0083	ss12138	GO:0006164	0.0056	sl11835	GO:0043234	0.0041	sl11608	GO:0016070	0.0028	slr0581	GO:0016051	0.0016
sl10602	GO:0016810	0.0083	sl10658	GO:0030001	0.0056	sl10995	GO:0043234	0.0041	sl10994	GO:0006730	0.0028	slr6015	GO:0016051	0.0016
sl11071	GO:0016810	0.0083	slr1990	GO:0006164	0.0056	slr0383	GO:0043234	0.0041	sl11509	GO:0006730	0.0028	sl11511	GO:0016051	0.0016
sl10843	GO:0016810	0.0083	slr2012	GO:0006164	0.0056	slr0930	GO:0043234	0.0041	slr1647	GO:0016051	0.0028	slr6064	GO:0016051	0.0016
sl10909	GO:0016810	0.0083	slr0784	GO:0006886	0.0056	sl10216	GO:0043234	0.0041	sl10359	GO:0016051	0.0028	slr1603	GO:0006790	0.0016
sl11350	GO:0016810	0.0083	slr1449	GO:0006164	0.0056	ssr1765	GO:0043234	0.0041	sl11773	GO:0006730	0.0028	sl10710	GO:0016051	0.0016
ssr1114	GO:0016810	0.0083	slr1406	GO:0006164	0.0056	slr1616	GO:0043234	0.0041	slr1619	GO:0006730	0.0028	slr7096	GO:0016051	0.0016
slr1074	GO:0016810	0.0083	slr1173	GO:0006164	0.0056	sl11072	GO:0043234	0.0041	sl16054	GO:0006730	0.0028	sl15026	GO:0016051	0.0016
slr0815	GO:0016810	0.0083	slr0601	GO:0030001	0.0056	slr1210	GO:0043234	0.0041	sl10614	GO:0016051	0.0028	sl11062	GO:0016051	0.0016
slr0989	GO:0016810	0.0083	sl11915	GO:0006164	0.0056	sl11225	GO:0043234	0.0041	slr1150	GO:0006730	0.0028	slr1753	GO:0016051	0.0016
slr1082	GO:0016810	0.0083	ss13692	GO:0006164	0.0056	slr0586	GO:0043234	0.0041	sl11960	GO:0006730	0.0028	sl10473	GO:0016051	0.0016
sl11054	GO:0016810	0.0083	sl10102	GO:0030001	0.0056	slr0318	GO:0043234	0.0041	slr5118	GO:0006730	0.0028	sl10296	GO:0006725	0.0016
sl10297	GO:0016810	0.0083	slr6073	GO:0030001	0.0056	ssr2439	GO:0043234	0.0041	sl11132	GO:0006730	0.0028	ss17046	GO:0016051	0.0016
slr1977	GO:0016810	0.0083	slr1069	GO:0030001	0.0056	sl10297	GO:0043234	0.0041	ss13379	GO:0006730	0.0028	ss10461	GO:0016051	0.0016
sl11660	GO:0016810	0.0083	slr0907	GO:0006886	0.0056	slr1209	GO:0043234	0.0041	sl10423	GO:0006730	0.0028	slr1045	GO:0006725	0.0016
slr0318	GO:0016810	0.0083	sl11191	GO:0006164	0.0056	slr1762	GO:0043234	0.0041	sl10585	GO:0016051	0.0028	slr1384	GO:0016051	0.0016
slr0742	GO:0016810	0.0083	ssr6027	GO:0006164	0.0056	slr0121	GO:0043234	0.0041	slr0108	GO:0006164	0.0028	sl11060	GO:0006725	0.0016
sl11251	GO:0016810	0.0083	sl11359	GO:0030001	0.0056	sl10456	GO:0043234	0.0041	slr1773	GO:0006164	0.0028	sl10994	GO:0016051	0.0016
slr1603	GO:0042626	0.0081	slr1599	GO:0006164	0.0056	sl10780	GO:0043234	0.0041	slr0146	GO:0006730	0.0028	slr0317	GO:0009116	0.0016

ssl1255	G0:0042626	0.0081	ssr3189	G0:0030001	0.0056	slr1287	G0:0043234	0.0041	slr0650	G0:0016051	0.0028	slr0356	G0:0016051	0.0016
slr2073	G0:0006629	0.008	ssr6020	G0:0006886	0.0056	slr0358	G0:0043234	0.0041	slr5116	G0:0006730	0.0028	slr0195	G0:0016051	0.0016
slr1437	G0:0006629	0.008	slr0637	G0:0006164	0.0056	ssl1707	G0:0043234	0.0041	sl11765	G0:0006730	0.0028	sl15046	G0:0016051	0.0016
ssr3122	G0:0006629	0.008	slr1462	G0:0030001	0.0056	slr0519	G0:0043234	0.0041	slr7013	G0:0006730	0.0028	slr0784	G0:0016051	0.0016
slr1073	G0:0006629	0.008	slr1378	G0:0006886	0.0056	slr1667	G0:0043234	0.0041	sl10802	G0:0006730	0.0028	sl11355	G0:0016051	0.0016
sl11761	G0:0006629	0.008	slr7012	G0:0006886	0.0056	sl10319	G0:0043234	0.0041	sl11956	G0:0016051	0.0028	sl11773	G0:0016051	0.0016
sl11086	G0:0006629	0.008	slr0959	G0:0030001	0.0056	sl11315	G0:0043234	0.0041	sl11306	G0:0006730	0.0028	slr0852	G0:0006725	0.0016
slr0023	G0:0006629	0.008	sl11853	G0:0030001	0.0056	sl10564	G0:0043234	0.0041	sl10811	G0:0006730	0.0028	slr0362	G0:0016051	0.0016
slr1964	G0:0006629	0.008	slr0151	G0:0030001	0.0056	slr0924	G0:0043234	0.0041	slr1862	G0:0016051	0.0028	sl110751	G0:0016051	0.0016
sl10645	G0:0006629	0.008	sl11773	G0:0030001	0.0056	slr2144	G0:0043234	0.0041	slr1210	G0:0016070	0.0028	sl10446	G0:0044267	0.0016
slr0723	G0:0006629	0.008	slr0196	G0:0006886	0.0056	sl11002	G0:0043234	0.0041	slr1468	G0:0006730	0.0028	slr1306	G0:0016051	0.0016
sl110703	G0:0006629	0.008	slr1188	G0:0030001	0.0056	sl10539	G0:0043234	0.0041	sl10406	G0:0006730	0.0028	slr0907	G0:0016051	0.0016
sl10780	G0:0006629	0.008	sl11495	G0:0006164	0.0056	slr1964	G0:0043234	0.0041	sl10688	G0:0016051	0.0028	slr0199	G0:0016051	0.0016
slr1572	G0:0006629	0.008	slr1116	G0:0006886	0.0056	sl10243	G0:0043234	0.0041	slr1259	G0:0016051	0.0028	sl11671	G0:0006725	0.0016
sl10066	G0:0006629	0.008	slr0271	G0:0006164	0.0056	sl10676	G0:0043234	0.0041	slr7098	G0:0006730	0.0028	sl11219	G0:0006725	0.0016
ssl0242	G0:0006629	0.008	sl10048	G0:0006886	0.0056	sl10156	G0:0043234	0.0041	slr1084	G0:0016070	0.0028	sl11939	G0:0016051	0.0016
slr0702	G0:0006164	0.0079	sl10487	G0:0006886	0.0056	sl11874	G0:0043234	0.0041	slr0723	G0:0016070	0.0028	sl11348	G0:0016051	0.0016
sl10588	G0:0006164	0.0079	slr1753	G0:0030001	0.0056	sl10980	G0:0043234	0.0041	slr0023	G0:0016070	0.0028	sl11166	G0:0006725	0.0016
sl10590	G0:0006164	0.0079	slr5119	G0:0006886	0.0056	sl10843	G0:0043234	0.0041	ssl5098	G0:0006730	0.0028	slr0598	G0:0016051	0.0016
sl10585	G0:0006164	0.0079	slr0270	G0:0006164	0.0056	slr0404	G0:0043234	0.0041	sl15046	G0:0006730	0.0028	slr1218	G0:0016051	0.0016
slr0318	G0:0006164	0.0079	slr1069	G0:0006886	0.0056	slr1437	G0:0043234	0.0041	slr0103	G0:0016070	0.0028	slr7098	G0:0016051	0.0016
ssl0739	G0:0006164	0.0079	slr2004	G0:0006164	0.0056	sl10180	G0:0043234	0.0041	slr1104	G0:0006730	0.0028	slr1546	G0:0016051	0.0016
sl11660	G0:0006164	0.0079	slr1127	G0:0006164	0.0056	slr1413	G0:0043234	0.0041	ssr3341	G0:0006730	0.0028	ssr0692	G0:0044267	0.0016
sm10011	G0:0006164	0.0079	slr2049	G0:0006164	0.0056	sl10737	G0:0043234	0.0041	slr1189	G0:0006730	0.0028	sl10448	G0:0016051	0.0016
slr0935	G0:0006164	0.0079	slr1577	G0:0006164	0.0056	slr1530	G0:0043234	0.0041	slr0468	G0:0016051	0.0028	sl10406	G0:0016051	0.0016
sl11654	G0:0006164	0.0079	sl11433	G0:0006164	0.0056	slr1338	G0:0043234	0.0041	slr0065	G0:0006730	0.0028	slr2105	G0:0016051	0.0016
slr1977	G0:0006164	0.0079	slr0569	G0:0006886	0.0056	slr1854	G0:0043234	0.0041	sl11660	G0:0016051	0.0028	slr0333	G0:0016051	0.0016
slr0789	G0:0006164	0.0079	slr0601	G0:0006886	0.0056	slr1690	G0:0043234	0.0041	slr1591	G0:0006164	0.0028	sl10443	G0:0016051	0.0016
slr1827	G0:0006164	0.0079	sl11447	G0:0030001	0.0056	slr2120	G0:0043234	0.0041	sl10752	G0:0016051	0.0028	sl10860	G0:0016051	0.0016
sl10871	G0:0006164	0.0079	slr0821	G0:0030001	0.0056	sl10066	G0:0043234	0.0041	sl17065	G0:0016051	0.0028	slr0769	G0:0016051	0.0016
slr1431	G0:0008168	0.0079	sl10360	G0:0006164	0.0056	sl10585	G0:0043234	0.0041	slr5017	G0:0006730	0.0028	ssr6048	G0:0016051	0.0016
slr0876	G0:0016810	0.0078	slr2105	G0:0030001	0.0056	sl11950	G0:0043234	0.0041	slr1082	G0:0016051	0.0028	slr0971	G0:0016051	0.0016
sl10596	G0:0016810	0.0078	ssl6061	G0:0006164	0.0056	sl11736	G0:0043234	0.0041	slr6101	G0:0006730	0.0028	sl10168	G0:0016051	0.0016
sl12006	G0:0016810	0.0078	ssl5027	G0:0006886	0.0056	slr1999	G0:0043234	0.0041	slr1957	G0:0006730	0.0028	sl16054	G0:0016051	0.0016
ssr2848	G0:0016810	0.0078	ssr5120	G0:0006886	0.0056	slr1541	G0:0043234	0.0041	slr0784	G0:0006730	0.0028	sl10803	G0:0016051	0.0016
slr1896	G0:0016810	0.0078	slr0407	G0:0030001	0.0056	sl11061	G0:0043234	0.0041	sl10319	G0:0016051	0.0028	sl11022	G0:0016051	0.0016
sl10283	G0:0016810	0.0078	slr5127	G0:0006164	0.0056	slr0104	G0:0043234	0.0041	slr0989	G0:0016051	0.0028	sl11485	G0:0016051	0.0016
slr1023	G0:0016810	0.0078	sl10658	G0:0006886	0.0056	sl10911	G0:0043234	0.0041	sl11251	G0:0016051	0.0028	sl15062	G0:0016051	0.0016
sl10864	G0:0016810	0.0078	slr0813	G0:0006164	0.0056	slr1117	G0:0043234	0.0041	sl10147	G0:0016051	0.0028	sl10786	G0:0016051	0.0016
slr0209	G0:0016810	0.0078	sl10369	G0:0006886	0.0056	slr1809	G0:0043234	0.0041	sl10761	G0:0006730	0.0028	ssl1464	G0:0016051	0.0016
slr1900	G0:0016810	0.0078	sl10498	G0:0030001	0.0056	sl10449	G0:0043234	0.0041	sl11240	G0:0016051	0.0028	sl11318	G0:0006725	0.0016
slr1533	G0:0016810	0.0078	slr0912	G0:0030001	0.0056	sl11658	G0:0043234	0.0041	sl11225	G0:0016051	0.0028	slr0818	G0:0044267	0.0016
sl11174	G0:0016810	0.0078	sl10608	G0:0006164	0.0056	sl11505	G0:0043234	0.0041	slr1572	G0:0016070	0.0028	sl10760	G0:0016051	0.0016
sl11060	G0:0016810	0.0078	slr0168	G0:0030001	0.0056	slr2048	G0:0043234	0.0041	slr1676	G0:0016070	0.0028	sl11203	G0:0016051	0.0016
sl10301	G0:0016810	0.0078	slr6106	G0:0006164	0.0056	sl11086	G0:0043234	0.0041	sl10853	G0:0006730	0.0028	sl10763	G0:0009116	0.0016
slr2025	G0:0016810	0.0078	slr0374	G0:0006886	0.0056	ssr2551	G0:0043234	0.0041	slr0038	G0:0006730	0.0028	ssl0312	G0:0016051	0.0016
slr0305	G0:0016810	0.0078	slr1546	G0:0006886	0.0056	slr1259	G0:0043234	0.0041	slr0579	G0:0016829	0.0028	slr1813	G0:0016051	0.0016
sl11934	G0:0016810	0.0078	ssl1417	G0:0006886	0.0056	slr0742	G0:0043234	0.0041	sl10361	G0:0005216	0.0028	slr7013	G0:0016051	0.0016
slr0937	G0:0016810	0.0078	sl10547	G0:0006164	0.0056	sl10744	G0:0043234	0.0041	ssl1377	G0:0005216	0.0028	slr1576	G0:0016051	0.0016
slr1519	G0:0016810	0.0078	slr0712	G0:0006164	0.0056	sl11656	G0:0043234	0.0041	slr0848	G0:0016829	0.0028	ssr0332	G0:0016051	0.0016
ssr3532	G0:0016810	0.0078	slr1407	G0:0006886	0.0056	slr0698	G0:0043234	0.0041	ssr1256	G0:0016829	0.0028	sl10647	G0:0009116	0.0016
slr1376	G0:0016810	0.0078	ssl2717	G0:0030001	0.0056	sl10410	G0:0043234	0.0041	slr0208	G0:0016829	0.0028	slr0810	G0:0044249	0.0016
sl11219	G0:0016810	0.0078	ssl1004	G0:0006886	0.0056	slr0650	G0:0043234	0.0041	slr1800	G0:0005216	0.0028	slr0366	G0:0044249	0.0016
sl10513	G0:0016810	0.0078	slr6015	G0:0030001	0.0056	sl10177	G0:0043234	0.0041	slr0514	G0:0005216	0.0028	sl17047	G0:0016051	0.0016

slr0376	GO:0016810	0.0078	ssl0350	GO:0006164	0.0056	slr0172	GO:0043234	0.0041	sl10606	GO:0016829	0.0028	slr6004	GO:0016051	0.0016
slr1143	GO:0015031	0.0076	slr5024	GO:0006164	0.0056	slr1152	GO:0043234	0.0041	sl11250	GO:0016829	0.0028	sl11461	GO:0016051	0.0016
ssr2201	GO:0019538	0.0076	ssl5008	GO:0006164	0.0056	slr0954	GO:0043234	0.0041	sl11749	GO:0016829	0.0028	slr6014	GO:0016051	0.0016
sl10702	GO:0019538	0.0076	slr0863	GO:0006164	0.0056	slr1053	GO:0043234	0.0041	sl10238	GO:0016829	0.0028	ssr3410	GO:0016051	0.0016
slr1811	GO:0015031	0.0076	slr1507	GO:0006164	0.0056	slr0050	GO:0043234	0.0041	slr0978	GO:0005216	0.0028	sl10048	GO:0016051	0.0016
slr1032	GO:0019538	0.0076	slr5021	GO:0030001	0.0056	sl11873	GO:0043234	0.0041	slr0607	GO:0005216	0.0028	sl11942	GO:0006725	0.0016
sl10647	GO:0019538	0.0076	slr6067	GO:0006886	0.0056	slr0941	GO:0043234	0.0041	sl10183	GO:0005216	0.0028	slr6006	GO:0016051	0.0016
slr2084	GO:0019538	0.0076	slr6094	GO:0006164	0.0056	sl10982	GO:0043234	0.0041	sl10192	GO:0005216	0.0028	sl11004	GO:0016051	0.0016
sl10505	GO:0015031	0.0076	sl11652	GO:0006164	0.0056	sl11541	GO:0043234	0.0041	slr1644	GO:0004518	0.0028	slr1468	GO:0016051	0.0016
ssr1258	GO:0019538	0.0076	sl11735	GO:0006886	0.0056	sl10639	GO:0043234	0.0041	slr0923	GO:0005216	0.0028	sl11433	GO:0006725	0.0016
sl10558	GO:0015031	0.0076	ssl5129	GO:0006886	0.0056	sl10185	GO:0043234	0.0041	sl10558	GO:0005216	0.0028	sl10815	GO:0016051	0.0016
sl10192	GO:0015031	0.0076	sl11906	GO:0006886	0.0056	sl10225	GO:0043234	0.0041	sl10932	GO:0016829	0.0028	sl10174	GO:0016051	0.0016
sl11119	GO:0019538	0.0076	slr7012	GO:0030001	0.0056	slr0006	GO:0043234	0.0041	ssr2803	GO:0016829	0.0028	ssr2422	GO:0016051	0.0016
slr0440	GO:0004872	0.0076	slr0655	GO:0030001	0.0056	slr0204	GO:0043234	0.0041	slr0442	GO:0016829	0.0028	sl15090	GO:0016051	0.0016
slr6090	GO:0004872	0.0076	slr0300	GO:0006164	0.0056	sl10007	GO:0043234	0.0041	sl11526	GO:0005216	0.0028	ssr2843	GO:0044249	0.0016
slr6100	GO:0004872	0.0076	slr0305	GO:0006164	0.0056	slr0483	GO:0043234	0.0041	sl10822	GO:0005216	0.0028	sl10102	GO:0016051	0.0016
sl10867	GO:0004872	0.0076	sl11174	GO:0006164	0.0056	sl10888	GO:0043234	0.0041	sl11902	GO:0016829	0.0028	slr1657	GO:0016051	0.0016
ssl8003	GO:0004872	0.0076	slr7016	GO:0006886	0.0056	slr1493	GO:0043234	0.0041	slr1431	GO:0004518	0.0028	sl11160	GO:0016051	0.0016
sl10775	GO:0004872	0.0076	slr0400	GO:0030001	0.0056	sl11730	GO:0043234	0.0041	slr0609	GO:0005976	0.0027	sl10350	GO:0006812	0.0015
slr0912	GO:0004872	0.0076	slr1034	GO:0006164	0.0056	ssr2009	GO:0043234	0.0041	slr0740	GO:0005976	0.0027	sl10446	GO:0016853	0.0015
slr1102	GO:0004872	0.0076	sl11638	GO:0030001	0.0056	slr0770	GO:0043234	0.0041	slr0514	GO:0005976	0.0027	slr1471	GO:0016772	0.0015
sl10181	GO:0004872	0.0076	sl11866	GO:0006886	0.0056	sl11675	GO:0043234	0.0041	slr0496	GO:0005976	0.0027	sl10413	GO:0016810	0.0015
slr1611	GO:0004872	0.0076	sl15006	GO:0006886	0.0056	sl10451	GO:0043234	0.0041	slr1959	GO:0005976	0.0027	sl11446	GO:0016853	0.0015
sl11511	GO:0004872	0.0076	slr0964	GO:0046873	0.0056	ssl8008	GO:0043234	0.0041	slr1062	GO:0016070	0.0026	sl11477	GO:0016853	0.0015
slr0971	GO:0004872	0.0076	sl11130	GO:0046873	0.0056	ssl3382	GO:0043234	0.0041	ssr3300	GO:0016070	0.0026	slr1699	GO:0016810	0.0015
slr1218	GO:0004872	0.0076	slr1353	GO:0004872	0.0056	slr0386	GO:0043234	0.0041	sl11352	GO:0016070	0.0026	slr0818	GO:0016853	0.0015
ssl5095	GO:0004872	0.0076	sl10360	GO:0004872	0.0056	slr0249	GO:0043234	0.0041	slr1287	GO:0016070	0.0026	slr1052	GO:0016810	0.0015
slr1407	GO:0004872	0.0076	slr1927	GO:0046873	0.0056	slr0957	GO:0043234	0.0041	slr1259	GO:0016070	0.0026	ssr3154	GO:0016853	0.0015
slr6005	GO:0004872	0.0076	slr1534	GO:0046873	0.0056	slr1177	GO:0043234	0.0041	slr2080	GO:0016070	0.0026	sl11233	GO:0016051	0.0014
ssl1792	GO:0004872	0.0076	ssl1417	GO:0046873	0.0056	sl11240	GO:0043234	0.0041	slr1169	GO:0016070	0.0026	sl11902	GO:0016051	0.0014
slr1103	GO:0004872	0.0076	ssl2781	GO:0046873	0.0056	sl11512	GO:0043234	0.0041	slr1415	GO:0016070	0.0026	slr0645	GO:0016051	0.0014
slr1657	GO:0004872	0.0076	slr1576	GO:0046873	0.0056	slr0975	GO:0043234	0.0041	slr0111	GO:0016070	0.0026	ssl7007	GO:0016051	0.0014
slr0145	GO:0004872	0.0076	slr1025	GO:0004872	0.0056	slr0144	GO:0043234	0.0041	sl11399	GO:0016070	0.0026	sl18001	GO:0016051	0.0014
sl10397	GO:0004872	0.0076	ssr6026	GO:0046873	0.0056	sl11660	GO:0043234	0.0041	slr0930	GO:0016070	0.0026	slr1438	GO:0016051	0.0014
ssl5129	GO:0004872	0.0076	slr7098	GO:0046873	0.0056	sl10781	GO:0043234	0.0041	sl10623	GO:0016070	0.0026	sl10069	GO:0016051	0.0014
ssr7036	GO:0004872	0.0076	slr0380	GO:0046873	0.0056	sl11241	GO:0043234	0.0041	slr0232	GO:0016070	0.0026	sl10298	GO:0016051	0.0014
slr0356	GO:0004872	0.0076	slr0211	GO:0004872	0.0056	slr0392	GO:0043234	0.0041	slr0924	GO:0016070	0.0026	slr0416	GO:0016051	0.0014
sl11960	GO:0004872	0.0076	slr0606	GO:0046873	0.0056	slr2115	GO:0043234	0.0041	sl10572	GO:0016070	0.0026	slr0109	GO:0016051	0.0014
ssl5031	GO:0004872	0.0076	sl11218	GO:0004872	0.0056	sl11582	GO:0043234	0.0041	slr1647	GO:0016070	0.0026	ssr2803	GO:0016051	0.0014
sl10436	GO:0004872	0.0076	sl11765	GO:0046873	0.0056	slr1082	GO:0043234	0.0041	sl11634	GO:0016070	0.0026	slr1790	GO:0016051	0.0014
sl11414	GO:0004872	0.0076	sl11247	GO:0004872	0.0056	slr1074	GO:0043234	0.0041	slr0596	GO:0016070	0.0026	slr0651	GO:0016051	0.0014
ssl2471	GO:0004872	0.0076	ssr0536	GO:0004872	0.0056	sl11654	GO:0043234	0.0041	slr1613	GO:0016070	0.0026	sl10031	GO:0016051	0.0014
slr6049	GO:0004872	0.0076	sl11586	GO:0004872	0.0056	sl11761	GO:0043234	0.0041	sl11446	GO:0016788	0.0026	sl10272	GO:0016051	0.0014
slr1914	GO:0004872	0.0076	slr0551	GO:0004872	0.0056	slr1169	GO:0043234	0.0041	sl11222	GO:0016788	0.0026	ssr2998	GO:0016051	0.0014
sl10659	GO:0004872	0.0076	sl11378	GO:0046873	0.0056	slr1383	GO:0043234	0.0041	slr0642	GO:0016788	0.0026	ssr6078	GO:0016051	0.0014
slr1920	GO:0004872	0.0076	ssl7046	GO:0046873	0.0056	sl11040	GO:0043234	0.0041	sl11528	GO:0016788	0.0026	sl11068	GO:0016051	0.0014
slr0601	GO:0004872	0.0076	sl12015	GO:0046873	0.0056	slr0060	GO:0043234	0.0041	slr1773	GO:0016788	0.0026	sl11640	GO:0016051	0.0014
slr0146	GO:0004872	0.0076	slr1097	GO:0046873	0.0056	sl11830	GO:0043234	0.0041	sl10641	GO:0044237	0.0025	slr6012	GO:0016051	0.0014
slr1187	GO:0004872	0.0076	sl10293	GO:0046873	0.0056	slr0789	GO:0043234	0.0041	sl10558	GO:0006790	0.0025	sl11486	GO:0016051	0.0014
sl17064	GO:0004872	0.0076	slr1188	GO:0046873	0.0056	slr1303	GO:0043234	0.0041	sl10783	GO:0006790	0.0025	sl10230	GO:0016051	0.0014
slr1195	GO:0004872	0.0076	sl10994	GO:0046873	0.0056	sl10588	GO:0043234	0.0041	slr1866	GO:0016070	0.0025	slr1681	GO:0016051	0.0014
slr6064	GO:0004872	0.0076	sl10168	GO:0046873	0.0056	slr1071	GO:0043234	0.0041	sl11174	GO:0016070	0.0025	sl11340	GO:0016051	0.0014
sl11696	GO:0004872	0.0076	slr1519	GO:0004872	0.0056	sl10669	GO:0043234	0.0041	slr1127	GO:0016070	0.0025	ssl0410	GO:0016051	0.0014
sl11485	GO:0004872	0.0076	sl15033	GO:0046873	0.0056	sl10645	GO:0043234	0.0041	slr1034	GO:0016070	0.0025	sl11151	GO:0016051	0.0014

sl10811	G0:0004872	0.0076	sl10263	G0:0004872	0.0056	slr2121	G0:0043234	0.0041	sl10096	G0:0016070	0.0025	sl11424	G0:0006520	0.0014
slr0890	G0:0004872	0.0076	slr0376	G0:0004872	0.0056	sl10981	G0:0043234	0.0041	slr1865	G0:0006790	0.0025	slr1032	G0:0016051	0.0014
sl11769	G0:0004872	0.0076	ssl3451	G0:0046873	0.0056	sl10085	G0:0043234	0.0041	sl10445	G0:0044237	0.0025	slr0848	G0:0006520	0.0014
sl18002	G0:0004872	0.0076	slr1907	G0:0046873	0.0056	slr2080	G0:0043234	0.0041	sl10910	G0:0006790	0.0025	ssr5092	G0:0016051	0.0014
ssl5007	G0:0004872	0.0076	slr6072	G0:0046873	0.0056	sl10787	G0:0043234	0.0041	sl17078	G0:0016829	0.0025	slr6091	G0:0016051	0.0014
ssr6046	G0:0004872	0.0076	slr1505	G0:0004872	0.0056	sl10280	G0:0043234	0.0041	slr7073	G0:0016829	0.0025	slr0980	G0:0006520	0.0014
ssr5120	G0:0004872	0.0076	sl10424	G0:0004872	0.0056	slr0373	G0:0043234	0.0041	sl10736	G0:0016829	0.0025	sl10482	G0:0016051	0.0014
sl11160	G0:0004872	0.0076	slr0146	G0:0046873	0.0056	sl10381	G0:0043234	0.0041	slr0625	G0:0016829	0.0025	slr0755	G0:0016051	0.0014
sl11866	G0:0004872	0.0076	sl10419	G0:0046873	0.0056	sl11693	G0:0043234	0.0041	ssl2595	G0:0016829	0.0025	ssr6019	G0:0016051	0.0014
slr6006	G0:0004872	0.0076	sl11764	G0:0046873	0.0056	sl10141	G0:0043234	0.0041	slr1819	G0:0016829	0.0025	slr1875	G0:0016051	0.0014
sl11378	G0:0004872	0.0076	slr0264	G0:0046873	0.0056	slr0975	G0:0044262	0.004	slr6028	G0:0016829	0.0025	ssl0832	G0:0006520	0.0014
sl10853	G0:0004872	0.0076	slr1657	G0:0046873	0.0056	slr0060	G0:0044262	0.004	ssr5074	G0:0016829	0.0025	ssr3467	G0:0016051	0.0014
slr1186	G0:0004872	0.0076	sl11123	G0:0046873	0.0056	sl11656	G0:0006790	0.004	slr0755	G0:0016829	0.0025	sl10875	G0:0016051	0.0014
slr6004	G0:0004872	0.0076	sl10487	G0:0046873	0.0056	sl10189	G0:0044262	0.004	ssr7084	G0:0016829	0.0025	sl11289	G0:0016051	0.0014
slr1927	G0:0004872	0.0076	sl11606	G0:0046873	0.0056	ssr2439	G0:0006790	0.004	sl11898	G0:0016829	0.0025	sl10702	G0:0016051	0.0014
slr1315	G0:0004872	0.0076	sl11174	G0:0004872	0.0056	sl10997	G0:0044262	0.004	ssl0788	G0:0016829	0.0025	ssr1256	G0:0016051	0.0014
slr1384	G0:0004872	0.0076	slr6021	G0:0046873	0.0056	slr0664	G0:0044262	0.004	ssr1768	G0:0016829	0.0025	slr1789	G0:0016051	0.0014
sl11063	G0:0004872	0.0076	sl11004	G0:0046873	0.0056	sl10449	G0:0044262	0.004	ssl6092	G0:0016829	0.0025	slr0590	G0:0016051	0.0014
sl18004	G0:0004872	0.0076	slr1391	G0:0004872	0.0056	ssl0352	G0:0006790	0.004	slr6009	G0:0016829	0.0025	ssl5015	G0:0016051	0.0014
ssl2245	G0:0004872	0.0076	slr0250	G0:0004872	0.0056	ssr2962	G0:0006790	0.004	ssr3572	G0:0016829	0.0025	sl15089	G0:0016051	0.0014
ssl2148	G0:0004872	0.0076	slr1195	G0:0046873	0.0056	sl11072	G0:0044262	0.004	sl11142	G0:0016829	0.0025	slr1911	G0:0016051	0.0014
slr1270	G0:0004872	0.0076	sl10854	G0:0004872	0.0056	slr1638	G0:0006790	0.004	ssl1690	G0:0016829	0.0025	slr7010	G0:0016051	0.0014
slr0380	G0:0004872	0.0076	slr1547	G0:0046873	0.0056	slr1275	G0:0006790	0.004	sl18027	G0:0016829	0.0025	slr0326	G0:0016051	0.0014
sl11163	G0:0004872	0.0076	slr1186	G0:0046873	0.0056	sl10066	G0:0006790	0.004	sl10939	G0:0016829	0.0025	slr0771	G0:0016051	0.0014
slr1484	G0:0004872	0.0076	slr0852	G0:0004872	0.0056	sl10588	G0:0044262	0.004	slr0269	G0:0016829	0.0025	ssr1558	G0:0016051	0.0014
slr1472	G0:0004872	0.0076	ssl5096	G0:0046873	0.0056	sl11054	G0:0044262	0.004	ssr2318	G0:0016829	0.0025	slr1935	G0:0016051	0.0014
ssr6032	G0:0004872	0.0076	slr1218	G0:0046873	0.0056	slr1203	G0:0006790	0.004	slr1670	G0:0016829	0.0025	sl10736	G0:0016051	0.0014
sgl0001	G0:0004872	0.0076	slr6015	G0:0046873	0.0056	sl10756	G0:0006790	0.004	slr1875	G0:0016829	0.0025	ssr5121	G0:0016051	0.0014
slr1768	G0:0004872	0.0076	slr1107	G0:0004872	0.0056	sl10602	G0:0044262	0.004	slr1627	G0:0016829	0.0025	slr0637	G0:0016051	0.0014
slr7098	G0:0004872	0.0076	sl11160	G0:0046873	0.0056	slr1073	G0:0006790	0.004	sl10249	G0:0016829	0.0025	slr0919	G0:0016051	0.0014
slr1998	G0:0004872	0.0076	ssr3341	G0:0046873	0.0056	sl11201	G0:0044262	0.004	slr7071	G0:0016829	0.0025	sl11464	G0:0016051	0.0014
ssl1520	G0:0004872	0.0076	slr1659	G0:0004872	0.0056	slr0930	G0:0044262	0.004	sl11192	G0:0016829	0.0025	sl10071	G0:0016051	0.0014
slr6072	G0:0004872	0.0076	sl10609	G0:0046873	0.0056	slr1999	G0:0006790	0.004	sl18035	G0:0016829	0.0025	sl10269	G0:0016051	0.0014
ssr3189	G0:0004872	0.0076	sl15090	G0:0046873	0.0056	slr0386	G0:0006790	0.004	slr7057	G0:0016829	0.0025	ssl1918	G0:0016051	0.0014
ssl1004	G0:0004872	0.0076	sl10481	G0:0046873	0.0056	sl11541	G0:0044262	0.004	slr0459	G0:0016829	0.0025	slr5024	G0:0016051	0.0014
slr1547	G0:0004872	0.0076	ssr6048	G0:0046873	0.0056	slr2111	G0:0006790	0.004	slr2052	G0:0016829	0.0025	ssl3615	G0:0016051	0.0014
slr7082	G0:0004872	0.0076	slr7013	G0:0046873	0.0056	slr1210	G0:0006790	0.004	slr2003	G0:0016829	0.0025	sl11583	G0:0016051	0.0014
slr6014	G0:0004872	0.0076	sl15046	G0:0046873	0.0056	slr1169	G0:0044262	0.004	sl10376	G0:0016829	0.0025	ssr6086	G0:0016051	0.0014
ssr6003	G0:0004872	0.0076	sl11447	G0:0046873	0.0056	sl10669	G0:0044262	0.004	sl11319	G0:0016829	0.0025	slr0334	G0:0016051	0.0014
slr0505	G0:0004872	0.0076	slr1864	G0:0046873	0.0056	slr0887	G0:0044262	0.004	slr1206	G0:0016829	0.0025	ssr3570	G0:0016051	0.0014
slr1535	G0:0004872	0.0076	ssr6003	G0:0046873	0.0056	slr0845	G0:0006790	0.004	sl11340	G0:0016829	0.0025	ssr2972	G0:0016051	0.0014
slr0148	G0:0004872	0.0076	sl10448	G0:0046873	0.0056	sl10737	G0:0044262	0.004	ssr6030	G0:0016829	0.0025	slr0575	G0:0016051	0.0014
sl11004	G0:0004872	0.0076	slr1957	G0:0046873	0.0056	slr0941	G0:0006790	0.004	sl10327	G0:0016829	0.0025	slr1396	G0:0016051	0.0014
slr7080	G0:0004872	0.0076	slr1398	G0:0004872	0.0056	slr1913	G0:0006790	0.004	ssl1378	G0:0016829	0.0025	sl18035	G0:0016051	0.0014
slr2105	G0:0004872	0.0076	sl11060	G0:0004872	0.0056	ssl3382	G0:0044262	0.004	slr0582	G0:0016829	0.0025	sl11882	G0:0016051	0.0014
slr6039	G0:0004872	0.0076	ssr6020	G0:0046873	0.0056	sl10414	G0:0006790	0.004	ssr5092	G0:0016829	0.0025	slr6009	G0:0016051	0.0014
ssl1923	G0:0004872	0.0076	sl11348	G0:0046873	0.0056	slr1266	G0:0006790	0.004	sl17006	G0:0016829	0.0025	slr7071	G0:0016051	0.0014
ssl2920	G0:0004872	0.0076	sl11880	G0:0046873	0.0056	slr2052	G0:0005216	0.004	ssl2971	G0:0016829	0.0025	sl15109	G0:0016051	0.0014
slr1468	G0:0004872	0.0076	sl11162	G0:0046873	0.0056	ssr6086	G0:0005216	0.004	slr6029	G0:0016829	0.0025	sl17089	G0:0016051	0.0014
ssr3304	G0:0004872	0.0076	slr0304	G0:0004872	0.0056	sl17089	G0:0005216	0.004	sl11609	G0:0016829	0.0025	sl15069	G0:0016051	0.0014
sl17062	G0:0004872	0.0076	ssl1972	G0:0046873	0.0056	ssl2595	G0:0043169	0.004	sl10321	G0:0016829	0.0025	ssl3829	G0:0016051	0.0014
sl11853	G0:0004872	0.0076	slr1896	G0:0004872	0.0056	ssr6024	G0:0005216	0.004	slr0645	G0:0016829	0.0025	slr1990	G0:0016051	0.0014
slr6073	G0:0004872	0.0076	slr0569	G0:0046873	0.0056	sl10060	G0:0005216	0.004	sl11926	G0:0016829	0.0025	ssr2781	G0:0016051	0.0014
sl11880	G0:0004872	0.0076	slr1546	G0:0046873	0.0056	slr6029	G0:0005216	0.004	slr6051	G0:0016829	0.0025	slr0816	G0:0016051	0.0014

slr1813	GO:0004872	0.0076	sll0761	GO:0046873	0.0056	sll7034	GO:0043169	0.004	slr5127	GO:0016829	0.0025	slr1577	GO:0016051	0.0014
sll1130	GO:0004872	0.0076	ssl2009	GO:0046873	0.0056	slr1087	GO:0005216	0.004	slr0865	GO:0016829	0.0025	sll10157	GO:0016051	0.0014
sll1447	GO:0004872	0.0076	sll1722	GO:0046873	0.0056	ssr8047	GO:0005216	0.004	sll15128	GO:0016829	0.0025	sll10608	GO:0016051	0.0014
sll5034	GO:0004872	0.0076	ssl3142	GO:0046873	0.0056	slr1406	GO:0043169	0.004	sll10031	GO:0016829	0.0025	slr2071	GO:0016051	0.0014
slr6031	GO:0004872	0.0076	slr0092	GO:0046873	0.0056	sll11495	GO:0005216	0.004	slr0689	GO:0016829	0.0025	ssl1263	GO:0016051	0.0014
ssr3341	GO:0004872	0.0076	slr1923	GO:0046873	0.0056	slr2004	GO:0005216	0.004	slr2060	GO:0016829	0.0025	slr0208	GO:0016051	0.0014
sll1265	GO:0004872	0.0076	slr1376	GO:0004872	0.0056	slr0397	GO:0005216	0.004	sll10069	GO:0016829	0.0025	slr0442	GO:0006520	0.0014
slr2018	GO:0016788	0.0075	sll1163	GO:0046873	0.0056	slr0516	GO:0005216	0.004	sll11024	GO:0016829	0.0025	sll11785	GO:0016051	0.0014
sll1119	GO:0016788	0.0075	slr6049	GO:0046873	0.0056	sll10749	GO:0005216	0.004	ssl6061	GO:0016829	0.0025	ssl1690	GO:0016051	0.0014
sll1749	GO:0016788	0.0075	sll1355	GO:0046873	0.0056	sll10294	GO:0005216	0.004	sll16055	GO:0016829	0.0025	sll10793	GO:0016051	0.0014
ssr2201	GO:0016788	0.0075	ssl5007	GO:0046873	0.0056	slr8022	GO:0043169	0.004	slr0888	GO:0016829	0.0025	slr0588	GO:0016051	0.0014
slr0442	GO:0016788	0.0075	sll5034	GO:0046873	0.0056	slr6106	GO:0043169	0.004	ssl2064	GO:0016829	0.0025	slr5013	GO:0016051	0.0014
sll1902	GO:0016788	0.0075	ssr6046	GO:0046873	0.0056	slr7060	GO:0005216	0.004	sll10625	GO:0016829	0.0025	sll10310	GO:0016051	0.0014
slr2038	GO:0016788	0.0075	slr0423	GO:0004872	0.0056	slr1174	GO:0005216	0.004	sll10670	GO:0016829	0.0025	slr1079	GO:0016051	0.0014
sll1775	GO:0016788	0.0075	sll10274	GO:0004872	0.0056	sll17086	GO:0043169	0.004	sll11049	GO:0016829	0.0025	ssr6099	GO:0016051	0.0014
slr0208	GO:0016788	0.0075	slr1069	GO:0046873	0.0056	slr5102	GO:0043169	0.004	slr7026	GO:0016829	0.0025	ssr6002	GO:0016051	0.0014
ssr2781	GO:0016788	0.0075	ssr6032	GO:0046873	0.0056	slr0582	GO:0043169	0.004	sll11940	GO:0016829	0.0025	ssr2553	GO:0016051	0.0014
slr0919	GO:0016788	0.0075	sll1651	GO:0046873	0.0056	slr1915	GO:0043169	0.004	ssr1041	GO:0016829	0.0025	sll11319	GO:0016051	0.0014
ssr1258	GO:0016788	0.0075	slr0243	GO:0004872	0.0056	slr0271	GO:0005216	0.004	sll11285	GO:0016829	0.0025	sll11834	GO:0016051	0.0014
slr1565	GO:0016788	0.0075	slr1168	GO:0046873	0.0056	sll10625	GO:0043169	0.004	slr1087	GO:0016829	0.0025	slr1047	GO:0006725	0.0013
sll10071	GO:0016788	0.0075	slr0552	GO:0046873	0.0056	sll15004	GO:0043169	0.004	sll15003	GO:0016829	0.0025	ssr1391	GO:0006725	0.0013
ssr0692	GO:0006807	0.0074	ssl5045	GO:0046873	0.0056	ssl0788	GO:0005216	0.004	sll17086	GO:0016829	0.0025	sll11526	GO:0006725	0.0013
sll1528	GO:0006807	0.0074	sll1273	GO:0046873	0.0056	sll10765	GO:0005216	0.004	slr0812	GO:0016829	0.0025	slr0514	GO:0006725	0.0013
slr0765	GO:0006807	0.0074	slr5118	GO:0046873	0.0056	slr1449	GO:0043169	0.004	sll11891	GO:0016829	0.0025	slr0642	GO:0006886	0.0013
ssr3154	GO:0006807	0.0074	sll10742	GO:0046873	0.0056	sll10525	GO:0005216	0.004	sll17070	GO:0016829	0.0025	sll10783	GO:0006725	0.0013
sll10445	GO:0016740	0.0072	slr6013	GO:0046873	0.0056	sll10691	GO:0043169	0.004	slr6088	GO:0016829	0.0025	slr1926	GO:0006725	0.0013
sll10641	GO:0016740	0.0072	slr7095	GO:0046873	0.0056	slr1623	GO:0005216	0.004	slr1752	GO:0016829	0.0025	slr1431	GO:0016874	0.0013
ssl0410	GO:0006139	0.0071	sll10996	GO:0004872	0.0056	sll11640	GO:0005216	0.004	ssl2069	GO:0016829	0.0025	slr1644	GO:0016874	0.0013
sll10031	GO:0019538	0.0071	slr0505	GO:0046873	0.0056	slr0670	GO:0043169	0.004	ssl2814	GO:0016829	0.0025	ssr2142	GO:0016874	0.0013
slr0184	GO:0019538	0.0071	sll15097	GO:0046873	0.0056	sll11495	GO:0043169	0.004	slr1450	GO:0016829	0.0025	slr1052	GO:0042626	0.0013
slr5111	GO:0006139	0.0071	sll17064	GO:0046873	0.0056	sll17077	GO:0043169	0.004	slr1513	GO:0016829	0.0025	slr1235	GO:0016788	0.0013
slr0273	GO:0019538	0.0071	sll10743	GO:0004872	0.0056	ssr0759	GO:0005216	0.004	slr1174	GO:0016829	0.0025	sll11527	GO:0008324	0.0013
sll10925	GO:0006139	0.0071	slr7015	GO:0046873	0.0056	slr0637	GO:0005216	0.004	ssl17038	GO:0016829	0.0025	sll11293	GO:0016788	0.0013
ssr6083	GO:0019538	0.0071	slr0907	GO:0046873	0.0056	slr5087	GO:0005216	0.004	sll10543	GO:0016829	0.0025	slr0602	GO:0004518	0.0013
ssr2998	GO:0019538	0.0071	sll10815	GO:0046873	0.0056	sll10298	GO:0043169	0.004	sll10157	GO:0016829	0.0025	slr1385	GO:0046873	0.0013
sll16052	GO:0019538	0.0071	ssr2554	GO:0046873	0.0056	sll11531	GO:0043169	0.004	slr1624	GO:0016829	0.0025	slr2092	GO:0046873	0.0013
sll15067	GO:0006139	0.0071	slr6080	GO:0046873	0.0056	slr1570	GO:0005216	0.004	sll11681	GO:0016829	0.0025	slr1699	GO:0042626	0.0013
slr0184	GO:0006139	0.0071	slr0157	GO:0004872	0.0056	ssl11552	GO:0043169	0.004	slr0184	GO:0016829	0.0025	ssl0750	GO:0016788	0.0013
slr1970	GO:0006139	0.0071	slr6101	GO:0046873	0.0056	sll10670	GO:0043169	0.004	sll11531	GO:0016829	0.0025	sll10584	GO:0008324	0.0013
slr6071	GO:0019538	0.0071	slr0333	GO:0046873	0.0056	sll18019	GO:0005216	0.004	ssr7079	GO:0016829	0.0025	slr1235	GO:0008324	0.0013
slr5111	GO:0019538	0.0071	slr0059	GO:0046873	0.0056	sll10162	GO:0005216	0.004	slr5024	GO:0016829	0.0025	sll11527	GO:0016788	0.0013
slr0656	GO:0019538	0.0071	slr1260	GO:0046873	0.0056	ssl17045	GO:0005216	0.004	sll10608	GO:0016829	0.0025	sll11858	GO:0046873	0.0013
slr0453	GO:0019538	0.0071	sll10864	GO:0004872	0.0056	sll17078	GO:0005216	0.004	ssr6062	GO:0016829	0.0025	sll11293	GO:0008324	0.0013
sll10294	GO:0019538	0.0071	ssr1499	GO:0046873	0.0056	sll11142	GO:0043169	0.004	sll11570	GO:0016829	0.0025	sll10584	GO:0016788	0.0013
slr1911	GO:0019538	0.0071	slr0503	GO:0004872	0.0056	ssr1155	GO:0043169	0.004	slr1163	GO:0016829	0.0025	sll11477	GO:0043234	0.0013
sll1321	GO:0006139	0.0071	sll10096	GO:0004872	0.0056	slr0300	GO:0043169	0.004	sll10563	GO:0016829	0.0025	sll12007	GO:0043234	0.0013
ssl1300	GO:0019538	0.0071	slr1223	GO:0046873	0.0056	slr6016	GO:0043169	0.004	slr7100	GO:0016829	0.0025	slr1603	GO:0043234	0.0013
ssr7093	GO:0006139	0.0071	slr1900	GO:0004872	0.0056	slr6044	GO:0005216	0.004	ssl2384	GO:0016829	0.0025	slr0765	GO:0043234	0.0013
ssl15103	GO:0006139	0.0071	sll11542	GO:0004872	0.0056	ssl17039	GO:0043169	0.004	sll11036	GO:0016829	0.0025	sll10661	GO:0043234	0.0013
ssr0336	GO:0019538	0.0071	slr6100	GO:0046873	0.0056	slr0509	GO:0043169	0.004	sll11834	GO:0016829	0.0025	sll11528	GO:0043234	0.0013
slr6033	GO:0019538	0.0071	sll11939	GO:0046873	0.0056	slr0813	GO:0005216	0.004	ssl10410	GO:0016829	0.0025	sll10804	GO:0043234	0.0013
ssr1768	GO:0019538	0.0071	sll10156	GO:0030001	0.0055	sll17090	GO:0005216	0.004	slr0575	GO:0016829	0.0025	ssl11255	GO:0043234	0.0013
sll17078	GO:0019538	0.0071	sll10359	GO:0030001	0.0055	slr1627	GO:0005216	0.004	sll10405	GO:0016829	0.0025	ssr2843	GO:0043234	0.0013
sll11036	GO:0006139	0.0071	slr0801	GO:0030001	0.0055	slr7057	GO:0043169	0.004	slr0181	GO:0016829	0.0025	sll11214	GO:0043234	0.0013

slr0397	G0:0019538	0.0071	slr1169	G0:0030001	0.0055	sl110335	G0:0043169	0.004	sl110044	G0:0016829	0.0025	ssr0692	G0:0043234	0.0013
sl110157	G0:0019538	0.0071	slr0060	G0:0030001	0.0055	ssr2067	G0:0043169	0.004	sl110678	G0:0016829	0.0025	slr1774	G0:0043234	0.0013
ssr0657	G0:0006139	0.0071	sl111512	G0:0030001	0.0055	slr0613	G0:0005216	0.004	ss17048	G0:0016829	0.0025	slr1385	G0:0043234	0.0013
sl11583	G0:0019538	0.0071	sl110412	G0:0030001	0.0055	ssr2802	G0:0043169	0.004	sl111717	G0:0016829	0.0025	slr0366	G0:0043234	0.0013
ssr6078	G0:0006139	0.0071	sl110588	G0:0030001	0.0055	ss15103	G0:0005216	0.004	sl111698	G0:0016829	0.0025	slr0108	G0:0043234	0.0013
slr0728	G0:0006139	0.0071	sl111541	G0:0030001	0.0055	slr0238	G0:0005216	0.004	sl110696	G0:0016829	0.0025	slr0889	G0:0043234	0.0013
sl110858	G0:0019538	0.0071	slr7024	G0:0030001	0.0055	slr0645	G0:0043169	0.004	sl111911	G0:0016829	0.0025	sl111737	G0:0043234	0.0013
slr6016	G0:0019538	0.0071	sl110225	G0:0030001	0.0055	ssr6099	G0:0043169	0.004	slr5073	G0:0016829	0.0025	sl110898	G0:0043234	0.0013
ss17039	G0:0019538	0.0071	slr1074	G0:0030001	0.0055	slr1442	G0:0043169	0.004	sl111151	G0:0016829	0.0025	slr2092	G0:0043234	0.0013
sl111024	G0:0019538	0.0071	sl110837	G0:0030001	0.0055	slr1425	G0:0005216	0.004	slr0948	G0:0016829	0.0025	slr0642	G0:0043234	0.0013
ssr1041	G0:0019538	0.0071	slr11122	G0:0030001	0.0055	sl115063	G0:0005216	0.004	slr0730	G0:0016829	0.0025	ssr2142	G0:0019538	0.0012
ss12069	G0:0019538	0.0071	slr0483	G0:0030001	0.0055	ss17038	G0:0043169	0.004	slr0863	G0:0016829	0.0025	slr1052	G0:0015031	0.0012
slr0269	G0:0019538	0.0071	ssr1114	G0:0046873	0.0055	ss10410	G0:0043169	0.004	slr5111	G0:0016829	0.0025	slr0818	G0:0006790	0.0012
slr6029	G0:0019538	0.0071	sl110843	G0:0046873	0.0055	ssr6083	G0:0005216	0.004	slr5012	G0:0016829	0.0025	slr1591	G0:0006790	0.0012
slr7094	G0:0006139	0.0071	slr0112	G0:0046873	0.0055	sl110858	G0:0043169	0.004	sl110858	G0:0016829	0.0025	sl110446	G0:0006790	0.0012
slr6068	G0:0006139	0.0071	slr0887	G0:0046873	0.0055	ssr2972	G0:0043169	0.004	sl110496	G0:0016829	0.0025	slr1773	G0:0004872	0.0012
slr1450	G0:0019538	0.0071	sl111241	G0:0046873	0.0055	slr1474	G0:0043169	0.004	ss10350	G0:0016829	0.0025	slr0765	G0:0004872	0.0012
sl115063	G0:0006139	0.0071	slr1240	G0:0046873	0.0055	slr2071	G0:0005216	0.004	sl111643	G0:0043234	0.0025	sl110446	G0:0004872	0.0012
ss10350	G0:0019538	0.0071	slr1658	G0:0046873	0.0055	ssr2711	G0:0005216	0.004	slr0589	G0:0043234	0.0025	sl110488	G0:0016874	0.0012
sl17090	G0:0019538	0.0071	sl111267	G0:0046873	0.0055	sl110044	G0:0043169	0.004	sl110577	G0:0043234	0.0025	slr0108	G0:0004872	0.0012
ssr5092	G0:0006139	0.0071	sl110827	G0:0046873	0.0055	slr0667	G0:0005216	0.004	slr0909	G0:0043234	0.0025	sl110445	G0:0016874	0.0012
slr5013	G0:0019538	0.0071	sl111950	G0:0046873	0.0055	ss11690	G0:0005216	0.004	sl110183	G0:0043234	0.0025	slr0147	G0:0004872	0.0012
sl12011	G0:0019538	0.0071	slr0455	G0:0046873	0.0055	sl110496	G0:0043169	0.004	slr0607	G0:0043234	0.0025	ssr0692	G0:0004872	0.0012
sl111131	G0:0019538	0.0071	sl111304	G0:0046873	0.0055	sl110793	G0:0005216	0.004	slr2037	G0:0043234	0.0025	slr2003	G0:0044249	0.0011
sl115063	G0:0019538	0.0071	ssr1552	G0:0046873	0.0055	sl115089	G0:0005216	0.004	slr0594	G0:0043234	0.0025	slr1570	G0:0044249	0.0011
slr0976	G0:0019538	0.0071	sl110564	G0:0046873	0.0055	ss15113	G0:0005216	0.004	slr1906	G0:0043234	0.0025	slr0519	G0:0006725	0.0011
ss15025	G0:0006139	0.0071	slr1636	G0:0016820	0.0055	slr1935	G0:0005216	0.004	sl110732	G0:0043234	0.0025	sl110898	G0:0006730	0.0011
sl11702	G0:0019538	0.0071	slr1338	G0:0046873	0.0055	sl111307	G0:0043169	0.004	slr1959	G0:0043234	0.0025	ssr5074	G0:0044249	0.0011
slr0976	G0:0006139	0.0071	slr0935	G0:0046873	0.0055	slr1394	G0:0005216	0.004	slr1847	G0:0043234	0.0025	slr1737	G0:0044249	0.0011
ss12064	G0:0019538	0.0071	sl110268	G0:0046873	0.0055	sl110765	G0:0043169	0.004	sl110361	G0:0043234	0.0025	slr2111	G0:0006725	0.0011
ss11378	G0:0019538	0.0071	slr1415	G0:0046873	0.0055	ss17051	G0:0005216	0.004	slr1307	G0:0043234	0.0025	slr5053	G0:0044249	0.0011
sl110479	G0:0019538	0.0071	sl111582	G0:0046873	0.0055	sl110376	G0:0005216	0.004	slr1800	G0:0043234	0.0025	slr7102	G0:0044249	0.0011
slr1704	G0:0006139	0.0071	slr1812	G0:0016820	0.0055	slr1911	G0:0043169	0.004	sl111562	G0:0043234	0.0025	slr1593	G0:0006725	0.0011
slr5112	G0:0006139	0.0071	slr1544	G0:0046873	0.0055	slr0109	G0:0005216	0.004	slr0263	G0:0043234	0.0025	sl111911	G0:0044249	0.0011
sl11531	G0:0019538	0.0071	sl110981	G0:0046873	0.0055	slr5037	G0:0005216	0.004	slr1851	G0:0043234	0.0025	slr1177	G0:0006725	0.0011
slr1670	G0:0019538	0.0071	sl111372	G0:0046873	0.0055	sl111192	G0:0005216	0.004	slr1811	G0:0043234	0.0025	slr1236	G0:0044249	0.0011
ss17021	G0:0006139	0.0071	sl111350	G0:0046873	0.0055	slr5013	G0:0005216	0.004	sl111611	G0:0043234	0.0025	slr0517	G0:0044249	0.0011
sl11495	G0:0019538	0.0071	sl110995	G0:0046873	0.0055	slr6028	G0:0005216	0.004	sl110208	G0:0043234	0.0025	sl111784	G0:0044249	0.0011
sl118001	G0:0019538	0.0071	slr0596	G0:0046873	0.0055	sl111068	G0:0043169	0.004	slr0740	G0:0043234	0.0025	ss17045	G0:0044249	0.0011
slr1681	G0:0019538	0.0071	slr0975	G0:0046873	0.0055	ss12814	G0:0005216	0.004	slr0990	G0:0043234	0.0025	slr0637	G0:0044249	0.0011
slr6081	G0:0006139	0.0071	slr0729	G0:0046873	0.0055	sl110298	G0:0005216	0.004	slr1726	G0:0043234	0.0025	ssr6030	G0:0044249	0.0011
sl11095	G0:0019538	0.0071	slr1862	G0:0046873	0.0055	slr2103	G0:0043169	0.004	slr1855	G0:0043234	0.0025	ssr0109	G0:0044249	0.0011
sl17087	G0:0019538	0.0071	slr1852	G0:0046873	0.0055	ss17045	G0:0043169	0.004	sl110192	G0:0043234	0.0025	slr1915	G0:0044249	0.0011
sl110335	G0:0006139	0.0071	slr1070	G0:0046873	0.0055	slr6045	G0:0005216	0.004	slr0243	G0:0044238	0.0024	sl111915	G0:0044249	0.0011
sl115089	G0:0019538	0.0071	sl110888	G0:0046873	0.0055	sl111979	G0:0043169	0.004	sl111355	G0:0016070	0.0024	ss10788	G0:0044249	0.0011
slr0300	G0:0019538	0.0071	slr1647	G0:0046873	0.0055	sl117086	G0:0005216	0.004	sl110436	G0:0009116	0.0024	sl110060	G0:0044249	0.0011
slr1236	G0:0006139	0.0071	ssr3300	G0:0046873	0.0055	ss15091	G0:0005216	0.004	sl110872	G0:0016070	0.0024	slr0144	G0:0006725	0.0011
slr1406	G0:0019538	0.0071	sl110147	G0:0046873	0.0055	ssr6002	G0:0043169	0.004	slr1363	G0:0009116	0.0024	sl117090	G0:0044249	0.0011
slr1789	G0:0006139	0.0071	sl111411	G0:0046873	0.0055	sl110543	G0:0043169	0.004	sl111913	G0:0044238	0.0024	slr0645	G0:0044249	0.0011
sl110847	G0:0019538	0.0071	sl110909	G0:0046873	0.0055	slr0651	G0:0005216	0.004	slr1958	G0:0016070	0.0024	sl110355	G0:0006725	0.0011
slr2117	G0:0019538	0.0071	slr1258	G0:0046873	0.0055	ssr7093	G0:0005216	0.004	slr2032	G0:0009116	0.0024	slr0184	G0:0044249	0.0011
sl11233	G0:0006139	0.0071	sl111173	G0:0004872	0.0053	sl115003	G0:0005216	0.004	sl110932	G0:0016070	0.0024	sl111191	G0:0044249	0.0011
sl115003	G0:0019538	0.0071	sl110319	G0:0004872	0.0053	slr1951	G0:0043169	0.004	slr1260	G0:0016070	0.0024	sl111630	G0:0006725	0.0011
slr0273	G0:0006139	0.0071	ssr3300	G0:0004872	0.0053	sl110098	G0:0043169	0.004	slr1667	G0:0016051	0.0024	sl111321	G0:0044249	0.0011

ssl2069	G0:0006139	0.0071	slr1493	G0:0004872	0.0053	slr2027	G0:0043169	0.004	slr0876	G0:0044238	0.0024	sl11608	G0:0006725	0.0011
sl10069	G0:0019538	0.0071	slr0272	G0:0004872	0.0053	sl11692	G0:0005216	0.004	sl11949	G0:0016051	0.0024	slr0241	G0:0044249	0.0011
sl10162	G0:0019538	0.0071	sl110995	G0:0004872	0.0053	ssr1473	G0:0005216	0.004	ss12245	G0:0009116	0.0024	ssr1473	G0:0044249	0.0011
slr5101	G0:0006139	0.0071	slr7024	G0:0004872	0.0053	slr0326	G0:0043169	0.004	slr0921	G0:0016051	0.0024	slr1681	G0:0044249	0.0011
slr0637	G0:0019538	0.0071	ssr1528	G0:0004872	0.0053	slr6051	G0:0005216	0.004	sl11608	G0:0016051	0.0024	ssr2711	G0:0044249	0.0011
ssr1155	G0:0006139	0.0071	sl11372	G0:0004872	0.0053	sl11573	G0:0005216	0.004	sl11247	G0:0044238	0.0024	sl11307	G0:0044249	0.0011
sl11570	G0:0019538	0.0071	sl110141	G0:0004872	0.0053	sl10984	G0:0043169	0.004	sl110102	G0:0009116	0.0024	ssr1558	G0:0044249	0.0011
slr6091	G0:0006139	0.0071	slr1647	G0:0004872	0.0053	slr0241	G0:0043169	0.004	sl112015	G0:0009116	0.0024	slr1079	G0:0044249	0.0011
slr8021	G0:0006139	0.0071	slr0975	G0:0004872	0.0053	ssr2975	G0:0043169	0.004	sl110296	G0:0044238	0.0024	ssr0692	G0:0006730	0.0011
slr6068	G0:0019538	0.0071	sl110737	G0:0004872	0.0053	slr1406	G0:0005216	0.004	sl110400	G0:0009116	0.0024	ssr7079	G0:0044249	0.0011
slr0725	G0:0019538	0.0071	slr1152	G0:0004872	0.0053	slr1970	G0:0043169	0.004	ss15007	G0:0009116	0.0024	sl117050	G0:0044249	0.0011
slr5101	G0:0019538	0.0071	sl11350	G0:0004872	0.0053	ss16061	G0:0043169	0.004	slr0890	G0:0009116	0.0024	sl110925	G0:0044249	0.0011
sl110172	G0:0019538	0.0071	ssr1552	G0:0004872	0.0053	slr0453	G0:0005216	0.004	slr0333	G0:0016070	0.0024	ssr2047	G0:0044249	0.0011
sl110678	G0:0019538	0.0071	slr1862	G0:0004872	0.0053	slr8021	G0:0043169	0.004	slr1468	G0:0009116	0.0024	slr0725	G0:0044249	0.0011
sl110230	G0:0019538	0.0071	slr1415	G0:0004872	0.0053	slr1327	G0:0043169	0.004	sl110497	G0:0016051	0.0024	sl110442	G0:0044249	0.0011
sl110765	G0:0006139	0.0071	sl110189	G0:0004872	0.0053	ss17074	G0:0005216	0.004	sl115033	G0:0009116	0.0024	sl11613	G0:0006725	0.0011
ssr0336	G0:0006139	0.0071	sl11225	G0:0004872	0.0053	slr0771	G0:0005216	0.004	sl117064	G0:0009116	0.0024	slr1816	G0:0044249	0.0011
slr6071	G0:0006139	0.0071	sl110602	G0:0004872	0.0053	sl117006	G0:0005216	0.004	slr0304	G0:0044238	0.0024	slr1932	G0:0006725	0.0011
sl117030	G0:0019538	0.0071	slr0249	G0:0004872	0.0053	sl11898	G0:0005216	0.004	sl110804	G0:0005976	0.0024	ss12807	G0:0006725	0.0011
slr0755	G0:0006139	0.0071	slr1590	G0:0004872	0.0053	slr0976	G0:0043169	0.004	slr6072	G0:0016070	0.0024	ss16035	G0:0044249	0.0011
slr6104	G0:0019538	0.0071	sl11505	G0:0004872	0.0053	sl110047	G0:0005216	0.004	slr1702	G0:0005976	0.0024	sl110405	G0:0044249	0.0011
slr6087	G0:0006139	0.0071	slr1977	G0:0004872	0.0053	sl110749	G0:0043169	0.004	sl110481	G0:0016070	0.0024	sl111106	G0:0044249	0.0011
ssl1552	G0:0019538	0.0071	sl11399	G0:0004872	0.0053	slr7060	G0:0043169	0.004	slr6080	G0:0016070	0.0024	slr2049	G0:0044249	0.0011
sl11151	G0:0019538	0.0071	slr0957	G0:0004872	0.0053	slr6009	G0:0043169	0.004	slr7058	G0:0009116	0.0024	sl110253	G0:0044249	0.0011
ssr2802	G0:0019538	0.0071	ss18008	G0:0004872	0.0053	slr1438	G0:0005216	0.004	sl110676	G0:0016051	0.0024	sl115063	G0:0044249	0.0011
slr0755	G0:0019538	0.0071	slr1062	G0:0004872	0.0053	ss12162	G0:0043169	0.004	sl111797	G0:0009116	0.0024	sl110350	G0:0044267	0.0011
sl15067	G0:0019538	0.0071	sl110281	G0:0004872	0.0053	sl111702	G0:0005216	0.004	ssr6085	G0:0016070	0.0024	ss11552	G0:0044249	0.0011
ssl1300	G0:0006139	0.0071	slr1809	G0:0004872	0.0053	ss15091	G0:0043169	0.004	sl110982	G0:0016051	0.0024	sl111095	G0:0044249	0.0011
slr0712	G0:0006139	0.0071	sl110585	G0:0004872	0.0053	slr1807	G0:0005216	0.004	slr1273	G0:0016070	0.0024	ss18039	G0:0044249	0.0011
sl117034	G0:0006139	0.0071	slr1613	G0:0004872	0.0053	sl112011	G0:0043169	0.004	sl110309	G0:0016051	0.0024	sl110931	G0:0016788	0.0011
slr0610	G0:0006139	0.0071	sl110843	G0:0004872	0.0053	slr7100	G0:0005216	0.004	ss15031	G0:0016070	0.0024	slr0366	G0:0016051	0.001
slr5016	G0:0019538	0.0071	sl110410	G0:0004872	0.0053	ss12595	G0:0005216	0.004	sl111455	G0:0044238	0.0024	slr1215	G0:0006139	0.001
sl111891	G0:0019538	0.0071	slr1240	G0:0004872	0.0053	ssr0109	G0:0005216	0.004	slr0287	G0:0044238	0.0024	sl110804	G0:0016051	0.001
sl110749	G0:0019538	0.0071	slr1209	G0:0004872	0.0053	slr0731	G0:0005216	0.004	sl111764	G0:0009116	0.0024	sl111858	G0:0016051	0.001
slr0516	G0:0019538	0.0071	sl110590	G0:0004872	0.0053	slr0416	G0:0043169	0.004	sl110996	G0:0044238	0.0024	slr0818	G0:0044238	0.001
sl111164	G0:0019538	0.0071	slr0554	G0:0004872	0.0053	slr1142	G0:0043169	0.004	slr1638	G0:0016051	0.0024	sl110584	G0:0044249	0.001
slr5077	G0:0019538	0.0071	sl11873	G0:0004872	0.0053	ssr1425	G0:0005216	0.004	slr0601	G0:0009116	0.0024	sl110898	G0:0044238	0.001
slr0948	G0:0006139	0.0071	slr1053	G0:0004872	0.0053	ssr6089	G0:0005216	0.004	slr5017	G0:0009116	0.0024	sl111477	G0:0043169	0.001
sl110678	G0:0006139	0.0071	sl111071	G0:0004872	0.0053	sl117050	G0:0043169	0.004	slr1534	G0:0016070	0.0024	slr0108	G0:0043169	0.001
slr0587	G0:0006139	0.0071	sl111737	G0:0008299	0.0052	slr0217	G0:0005216	0.004	sl110237	G0:0016051	0.0024	sl110252	G0:0016772	0.001
slr6045	G0:0019538	0.0071	slr0366	G0:0008299	0.0052	slr5126	G0:0005216	0.004	slr1391	G0:0044238	0.0024	sl110804	G0:0016070	0.0009
slr1142	G0:0006139	0.0071	slr0491	G0:0016810	0.0052	slr1236	G0:0005216	0.004	slr1612	G0:0044238	0.0024	sl111446	G0:0005976	0.0009
sl110376	G0:0006139	0.0071	sl110788	G0:0004872	0.0052	sl117087	G0:0043169	0.004	slr6005	G0:0016070	0.0024	slr1591	G0:0005976	0.0009
slr0885	G0:0006139	0.0071	slr1811	G0:0004872	0.0052	sl110162	G0:0043169	0.004	sl110283	G0:0044238	0.0024	slr0366	G0:0009116	0.0009
ssr5011	G0:0019538	0.0071	ssr2049	G0:0016810	0.0052	slr0610	G0:0005216	0.004	slr1195	G0:0016070	0.0024	slr1235	G0:0006629	0.0009
ssl17048	G0:0006139	0.0071	ssl1255	G0:0016810	0.0052	ssr6099	G0:0005216	0.004	slr0871	G0:0044238	0.0024	ss10294	G0:0006629	0.0009
sl110249	G0:0019538	0.0071	slr1047	G0:0004872	0.0052	sl117090	G0:0043169	0.004	slr1576	G0:0009116	0.0024	slr1052	G0:0006164	0.0009
slr6012	G0:0006139	0.0071	slr2092	G0:0016810	0.0052	sl111052	G0:0005216	0.004	slr7058	G0:0016070	0.0024	sl110661	G0:0009116	0.0009
sl111911	G0:0006139	0.0071	sl110558	G0:0004872	0.0052	sl111131	G0:0043169	0.004	slr1676	G0:0016051	0.0024	sl110735	G0:0005976	0.0009
ssl2814	G0:0006139	0.0071	sl110192	G0:0004872	0.0052	slr6091	G0:0005216	0.004	sl110886	G0:0009116	0.0024	sl111527	G0:0006629	0.0009
sl117033	G0:0019538	0.0071	slr1702	G0:0016810	0.0052	sl111024	G0:0043169	0.004	slr1218	G0:0016070	0.0024	slr1215	G0:0008324	0.0009
slr0291	G0:0006139	0.0071	sl110783	G0:0004872	0.0052	slr5077	G0:0005216	0.004	slr0299	G0:0044238	0.0024	sl110488	G0:0008233	0.0009
slr1780	G0:0006139	0.0071	slr0609	G0:0004872	0.0052	sl118027	G0:0005216	0.004	sl111219	G0:0044238	0.0024	ssr1473	G0:0043234	0.0009
slr0238	G0:0006139	0.0071	ssl2733	G0:0004872	0.0052	slr0082	G0:0043169	0.004	ssl11792	G0:0009116	0.0024	ssr6002	G0:0043234	0.0009

ss15064	GO:0019538	0.0071	slr0740	GO:0004872	0.0052	slr5112	GO:0005216	0.004	slr0489	GO:0016070	0.0024	slr0291	GO:0043234	0.0009
slr0967	GO:0006139	0.0071	s111737	GO:0016810	0.0052	slr0725	GO:0043169	0.004	slr7012	GO:0016070	0.0024	slr0325	GO:0043234	0.0009
slr0013	GO:0019538	0.0071	s110910	GO:0004872	0.0052	ssr0336	GO:0043169	0.004	slr0919	GO:0016070	0.0024	slr1507	GO:0043234	0.0009
s111158	GO:0019538	0.0071	s110022	GO:0004872	0.0052	ssr2060	GO:0043169	0.004	slr1674	GO:0044238	0.0024	slr1241	GO:0043234	0.0009
s110543	GO:0019538	0.0071	s110175	GO:0004872	0.0052	s118001	GO:0043169	0.004	slr0480	GO:0044238	0.0024	ssr7035	GO:0043234	0.0009
ss18028	GO:0019538	0.0071	slr0909	GO:0004872	0.0052	slr0271	GO:0043169	0.004	s115006	GO:0016070	0.0024	slr0575	GO:0043234	0.0009
slr5053	GO:0006139	0.0071	s112007	GO:0015031	0.0051	s111381	GO:0005216	0.004	ssr3409	GO:0016070	0.0024	ss15114	GO:0043234	0.0009
ssr2047	GO:0006139	0.0071	s110310	GO:0006629	0.0051	slr1170	GO:0005216	0.004	ss11520	GO:0009116	0.0024	slr1789	GO:0043234	0.0009
s110253	GO:0006139	0.0071	slr1495	GO:0006629	0.0051	slr0625	GO:0043169	0.004	slr0971	GO:0016070	0.0024	slr0184	GO:0043234	0.0009
s117031	GO:0019538	0.0071	slr0919	GO:0008299	0.0051	s110253	GO:0043169	0.004	s110481	GO:0009116	0.0024	s110793	GO:0043234	0.0009
slr2003	GO:0006139	0.0071	s111902	GO:0008299	0.0051	ssr5011	GO:0043169	0.004	slr0482	GO:0016051	0.0024	s116055	GO:0043234	0.0009
s111158	GO:0006139	0.0071	ssr2781	GO:0006629	0.0051	slr8044	GO:0043169	0.004	ss10738	GO:0009116	0.0024	slr1570	GO:0043234	0.0009
slr5024	GO:0006139	0.0071	slr1702	GO:0015031	0.0051	slr0416	GO:0005216	0.004	s110360	GO:0044238	0.0024	s111531	GO:0043234	0.0009
slr0613	GO:0019538	0.0071	slr0579	GO:0006629	0.0051	s110101	GO:0005216	0.004	slr1572	GO:0016051	0.0024	ss17038	GO:0043234	0.0009
s117055	GO:0019538	0.0071	slr0442	GO:0008299	0.0051	s111373	GO:0005216	0.004	s117062	GO:0009116	0.0024	s110482	GO:0043234	0.0009
slr1951	GO:0006139	0.0071	slr1495	GO:0008299	0.0051	ssr7017	GO:0005216	0.004	slr1081	GO:0016051	0.0024	slr0651	GO:0043234	0.0009
ssr5106	GO:0006139	0.0071	s110238	GO:0008299	0.0051	slr0865	GO:0005216	0.004	slr1068	GO:0009116	0.0024	s110098	GO:0043234	0.0009
s117050	GO:0019538	0.0071	slr1032	GO:0006629	0.0051	ssr3570	GO:0005216	0.004	s110505	GO:0030001	0.0024	slr6012	GO:0043234	0.0009
slr0509	GO:0006139	0.0071	s110328	GO:0043169	0.0051	s110847	GO:0005216	0.004	slr0400	GO:0009116	0.0024	s117029	GO:0043234	0.0009
slr7073	GO:0019538	0.0071	s111109	GO:0043169	0.0051	slr1980	GO:0043169	0.004	s110615	GO:0044238	0.0024	slr1170	GO:0043234	0.0009
s111570	GO:0006139	0.0071	slr0440	GO:0043169	0.0051	s117087	GO:0005216	0.004	s110547	GO:0044238	0.0024	ssr0657	GO:0043234	0.0009
ss15113	GO:0019538	0.0071	s110595	GO:0043169	0.0051	s111570	GO:0043169	0.004	slr1262	GO:0016051	0.0024	ssr5121	GO:0043234	0.0009
ss17022	GO:0019538	0.0071	slr1863	GO:0043169	0.0051	s110172	GO:0043169	0.004	s110274	GO:0044238	0.0024	s118001	GO:0043234	0.0009
s111609	GO:0006139	0.0071	slr1813	GO:0043169	0.0051	s115067	GO:0005216	0.004	s118033	GO:0016070	0.0024	slr0709	GO:0043234	0.0009
s111188	GO:0006139	0.0071	slr0355	GO:0043169	0.0051	slr0709	GO:0005216	0.004	slr1353	GO:0044238	0.0024	s111233	GO:0043234	0.0009
s111476	GO:0019538	0.0071	slr1116	GO:0043169	0.0051	slr1875	GO:0043169	0.004	slr1127	GO:0044238	0.0024	ss12162	GO:0043234	0.0009
ss11690	GO:0006139	0.0071	slr1957	GO:0043169	0.0051	s118040	GO:0043169	0.004	s110310	GO:0016070	0.0024	slr2110	GO:0043234	0.0009
slr0670	GO:0006139	0.0071	slr7080	GO:0043169	0.0051	slr7100	GO:0043169	0.004	s111424	GO:0016070	0.0024	ss18028	GO:0043234	0.0009
s118035	GO:0019538	0.0071	slr1419	GO:0043169	0.0051	s111940	GO:0005216	0.004	s111880	GO:0016070	0.0024	slr1807	GO:0043234	0.0009
slr1173	GO:0019538	0.0071	slr1568	GO:0043169	0.0051	slr0575	GO:0043169	0.004	slr1999	GO:0016051	0.0024	slr1970	GO:0043234	0.0009
s117086	GO:0006139	0.0071	slr1413	GO:0043169	0.0051	slr0397	GO:0043169	0.004	slr1648	GO:0016051	0.0024	slr0334	GO:0043234	0.0009
slr1780	GO:0019538	0.0071	s117063	GO:0043169	0.0051	s111233	GO:0005216	0.004	s111769	GO:0016070	0.0024	slr1577	GO:0043234	0.0009
ss11263	GO:0019538	0.0071	s110266	GO:0043169	0.0051	slr8044	GO:0005216	0.004	ss13451	GO:0009116	0.0024	slr6091	GO:0043234	0.0009
s111340	GO:0006139	0.0071	slr0957	GO:0043169	0.0051	s110984	GO:0005216	0.004	ssr7036	GO:0009116	0.0024	ss11046	GO:0043234	0.0009
ssr2060	GO:0006139	0.0071	slr1169	GO:0043169	0.0051	slr1537	GO:0005216	0.004	ss13379	GO:0016070	0.0024	slr1935	GO:0043234	0.0009
slr0709	GO:0006139	0.0071	slr0554	GO:0043169	0.0051	ss15068	GO:0005216	0.004	s111426	GO:0044238	0.0024	slr0645	GO:0043234	0.0009
slr1507	GO:0006139	0.0071	s111773	GO:0043169	0.0051	ssr2998	GO:0005216	0.004	slr1998	GO:0016070	0.0024	s111926	GO:0043234	0.0009
s111891	GO:0006139	0.0071	ssr0335	GO:0043169	0.0051	s110249	GO:0005216	0.004	s110783	GO:0030001	0.0024	ssr7079	GO:0043234	0.0009
ss17039	GO:0006139	0.0071	s110588	GO:0043169	0.0051	s111698	GO:0043169	0.004	sg10001	GO:0009116	0.0024	slr0313	GO:0043234	0.0009
ss12595	GO:0019538	0.0071	s111350	GO:0043169	0.0051	s117078	GO:0043169	0.004	ss10787	GO:0044238	0.0024	ss16035	GO:0043234	0.0009
s111681	GO:0019538	0.0071	slr0601	GO:0043169	0.0051	s115030	GO:0005216	0.004	slr8014	GO:0009116	0.0024	ssr5074	GO:0043234	0.0009
slr0325	GO:0019538	0.0071	ss11520	GO:0043169	0.0051	s111381	GO:0043169	0.004	slr5021	GO:0009116	0.0024	ssr6083	GO:0043234	0.0009
s110405	GO:0019538	0.0071	slr1260	GO:0043169	0.0051	slr1599	GO:0005216	0.004	slr7014	GO:0016070	0.0024	slr2052	GO:0043234	0.0009
s110525	GO:0006139	0.0071	slr1062	GO:0043169	0.0051	ssr2975	GO:0005216	0.004	s111306	GO:0009116	0.0024	slr7091	GO:0043234	0.0009
s111640	GO:0006139	0.0071	s115032	GO:0043169	0.0051	ss10467	GO:0043169	0.004	ssr3571	GO:0016051	0.0024	slr0105	GO:0043234	0.0009
slr0039	GO:0019538	0.0071	s111225	GO:0043169	0.0051	ss12138	GO:0043169	0.004	ss10738	GO:0016070	0.0024	s110565	GO:0043234	0.0009
s110543	GO:0006139	0.0071	s110751	GO:0043169	0.0051	s116052	GO:0043169	0.004	s111086	GO:0016051	0.0024	ssr8047	GO:0043234	0.0009
ss11918	GO:0019538	0.0071	s110815	GO:0043169	0.0051	slr7099	GO:0005216	0.004	s110325	GO:0016051	0.0024	ss11552	GO:0043234	0.0009
slr1599	GO:0006139	0.0071	ss15098	GO:0043169	0.0051	s115028	GO:0043169	0.004	ss10461	GO:0009116	0.0024	slr6087	GO:0043234	0.0009
slr6016	GO:0006139	0.0071	s110265	GO:0043169	0.0051	slr0181	GO:0005216	0.004	ssr0332	GO:0009116	0.0024	s110062	GO:0043234	0.0009
slr1601	GO:0019538	0.0071	slr0380	GO:0043169	0.0051	ss11263	GO:0043169	0.004	slr5116	GO:0016070	0.0024	s110479	GO:0043234	0.0009
s110327	GO:0019538	0.0071	s111651	GO:0043169	0.0051	s110031	GO:0005216	0.004	ssr2439	GO:0016051	0.0024	slr1599	GO:0043234	0.0009
s110875	GO:0006139	0.0071	slr1186	GO:0043169	0.0051	ssr3467	GO:0005216	0.004	slr0157	GO:0044238	0.0024	slr0771	GO:0043234	0.0009
ssr7084	GO:0019538	0.0071	slr1097	GO:0043169	0.0051	s111142	GO:0005216	0.004	ss15095	GO:0016070	0.0024	slr1846	GO:0043234	0.0009

ssr5106	GO:0019538	0.0071	s110048	GO:0043169	0.0051	s110736	GO:0005216	0.004	s110760	GO:0016070	0.0024	s1r0689	GO:0043234	0.0009
s1r0651	GO:0019538	0.0071	s1r1415	GO:0043169	0.0051	s110875	GO:0005216	0.004	s111022	GO:0016070	0.0024	s111289	GO:0043234	0.0009
s1r1926	GO:0006812	0.007	s111735	GO:0043169	0.0051	s1r1174	GO:0043169	0.004	s1r1177	GO:0016051	0.0024	s117069	GO:0043234	0.0009
s112007	GO:0007154	0.007	ss15096	GO:0043169	0.0051	s1r7071	GO:0005216	0.004	ss10109	GO:0044238	0.0024	s1r0643	GO:0043234	0.0009
ss11377	GO:0006812	0.007	s1r1095	GO:0043169	0.0051	s1r1990	GO:0043169	0.004	s1r1814	GO:0009116	0.0024	s1r1601	GO:0043234	0.0009
s1r1959	GO:0006812	0.007	s1r1338	GO:0043169	0.0051	s110839	GO:0005216	0.004	s111696	GO:0016070	0.0024	s111188	GO:0043234	0.0009
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s1r0366	GO:0007154	0.007	sg10002	GO:0043169	0.0051	s115128	GO:0005216	0.004	s1r1547	GO:0009116	0.0024	s1r1886	GO:0043234	0.0009
s1r1266	GO:0016853	0.007	s111040	GO:0043169	0.0051	s116055	GO:0005216	0.004	s110518	GO:0009116	0.0024	s115028	GO:0043234	0.0009
s1r1593	GO:0016853	0.007	s111769	GO:0043169	0.0051	ssr2754	GO:0005976	0.0039	s111442	GO:0016051	0.0024	ss12064	GO:0043234	0.0009
s1r1932	GO:0016853	0.007	s111541	GO:0043169	0.0051	s111304	GO:0005976	0.0039	s111485	GO:0009116	0.0024	s1r6051	GO:0043234	0.0009
s110237	GO:0016853	0.007	s1r7081	GO:0043169	0.0051	s1r0801	GO:0005976	0.0039	s111414	GO:0009116	0.0024	ssr2975	GO:0043234	0.0009
s1r1648	GO:0016853	0.007	s1r0729	GO:0043169	0.0051	s1r2080	GO:0005976	0.0039	s1r0380	GO:0009116	0.0024	s111089	GO:0043234	0.0009
s1r0348	GO:0016853	0.007	s110180	GO:0043169	0.0051	s1r1082	GO:0005976	0.0039	s111062	GO:0009116	0.0024	s1r1056	GO:0043234	0.0009
s1r1913	GO:0016853	0.007	ss12009	GO:0043169	0.0051	ss18008	GO:0005976	0.0039	s111766	GO:0009116	0.0024	s115132	GO:0043234	0.0009
s1r0360	GO:0016853	0.007	s111267	GO:0043169	0.0051	s111541	GO:0005976	0.0039	s110532	GO:0016051	0.0024	ssr8013	GO:0043234	0.0009
s110676	GO:0016853	0.007	s1r1223	GO:0043169	0.0051	s110572	GO:0005976	0.0039	s110780	GO:0016051	0.0024	ss11263	GO:0043234	0.0009
ssr3122	GO:0016853	0.007	s1r1864	GO:0043169	0.0051	s111225	GO:0005976	0.0039	s1r7082	GO:0016070	0.0024	s1r0516	GO:0043234	0.0009
s111656	GO:0016853	0.007	s1r0092	GO:0043169	0.0051	s1r0975	GO:0005976	0.0039	s110314	GO:0016051	0.0024	s111476	GO:0043234	0.0009
s1r1880	GO:0016853	0.007	ss15065	GO:0043169	0.0051	s111390	GO:0005976	0.0039	s110815	GO:0009116	0.0024	s111009	GO:0043234	0.0009
s1r1572	GO:0016853	0.007	s110775	GO:0043169	0.0051	s110669	GO:0005976	0.0039	s1r1437	GO:0016051	0.0024	s111319	GO:0043234	0.0009
s1r1203	GO:0016853	0.007	s1r0489	GO:0043169	0.0051	s110888	GO:0005976	0.0039	s1r0142	GO:0009116	0.0024	ss13829	GO:0043234	0.0009
s1r1573	GO:0016853	0.007	s1r6072	GO:0043169	0.0051	sm10011	GO:0005976	0.0039	s110447	GO:0044238	0.0024	s117031	GO:0043234	0.0009
s110944	GO:0016853	0.007	s111634	GO:0043169	0.0051	s111241	GO:0005976	0.0039	s110361	GO:0030001	0.0024	s111307	GO:0043234	0.0009
s111262	GO:0016853	0.007	s1r6015	GO:0043169	0.0051	s110843	GO:0005976	0.0039	s1r1378	GO:0016070	0.0024	s1r6106	GO:0043234	0.0009
s1r1885	GO:0016853	0.007	s1r0199	GO:0043169	0.0051	s110319	GO:0005976	0.0039	s1r6101	GO:0009116	0.0024	s1r0109	GO:0043234	0.0009
s110355	GO:0016853	0.007	ss10738	GO:0043169	0.0051	s110995	GO:0005976	0.0039	s1r7023	GO:0009116	0.0024	ssr6024	GO:0043234	0.0009
s1r1638	GO:0016853	0.007	s1r6064	GO:0043169	0.0051	s1r0483	GO:0005976	0.0039	s111318	GO:0044238	0.0024	s111652	GO:0043234	0.0009
s110532	GO:0016853	0.007	s1r0887	GO:0043169	0.0051	s1r1702	GO:0006164	0.0039	ssr1258	GO:0016070	0.0024	s110678	GO:0043234	0.0009
s110524	GO:0016853	0.007	s1r8014	GO:0043169	0.0051	s1r1541	GO:0005976	0.0039	s110863	GO:0009116	0.0024	s1r0816	GO:0043234	0.0009
s1r1999	GO:0016853	0.007	s111938	GO:0043169	0.0051	s1r1338	GO:0005976	0.0039	ssr2848	GO:0044238	0.0024	s111068	GO:0043234	0.0009
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s110198	GO:0016853	0.007	s1r1768	GO:0043169	0.0051	s110242	GO:0016820	0.0039	s1r1864	GO:0016070	0.0024	s111882	GO:0043234	0.0009
s1r0392	GO:0016853	0.007	s111461	GO:0043169	0.0051	ss10483	GO:0044238	0.0038	ss10461	GO:0016070	0.0024	ssr6099	GO:0043234	0.0009
s110066	GO:0016853	0.007	s1r6063	GO:0043169	0.0051	s111344	GO:0044238	0.0038	s1r1534	GO:0009116	0.0024	s1r6033	GO:0043234	0.0009
s1r1667	GO:0016853	0.007	s110614	GO:0043169	0.0051	s1r1290	GO:0006886	0.0038	s110785	GO:0016051	0.0024	s1r6104	GO:0043234	0.0009
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ssr2962	GO:0016853	0.007	s110688	GO:0043169	0.0051	s110479	GO:0006886	0.0038	s1r0294	GO:0016051	0.0024	s111429	GO:0043234	0.0009
s110785	GO:0016853	0.007	s117043	GO:0043169	0.0051	s118032	GO:0006790	0.0038	s1r1677	GO:0016070	0.0024	ssr0336	GO:0043234	0.0009
s110910	GO:0006629	0.0069	s115047	GO:0043169	0.0051	ss15095	GO:0006790	0.0038	ssr2201	GO:0016070	0.0024	s1r1623	GO:0043234	0.0009
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s1r1222	GO:0006629	0.0069	s1r0169	GO:0043169	0.0051	s111764	GO:0006790	0.0038	s1r1230	GO:0016051	0.0024	s1r0708	GO:0043234	0.0009
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s1r1659	GO:0006629	0.0069	s1r1378	GO:0043169	0.0051	s111956	GO:0044238	0.0038	s110369	GO:0016070	0.0024	ss10788	GO:0043234	0.0009
ssr1698	GO:0006629	0.0069	s111766	GO:0043169	0.0051	s111769	GO:0006790	0.0038	ss15096	GO:0009116	0.0024	s1r6022	GO:0043234	0.0009
s1r1767	GO:0006629	0.0069	s1r0981	GO:0043169	0.0051	s110909	GO:0044238	0.0038	ssr2317	GO:0009116	0.0024	s1r0082	GO:0043234	0.0009
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s1r1107	GO:0006629	0.0069	s110853	GO:0043169	0.0051	s111380	GO:0006886	0.0038	s115130	GO:0016070	0.0024	ssr3467	GO:0043234	0.0009
s1r1612	GO:0006629	0.0069	s110871	GO:0043169	0.0051	s1r7013	GO:0006790	0.0038	s111062	GO:0016070	0.0024	s1r6016	GO:0043234	0.0009
s1r1917	GO:0006629	0.0069	s1r1261	GO:0043169	0.0051	s118012	GO:0006886	0.0038	s1r2119	GO:0016070	0.0024	ssr0759	GO:0043234	0.0009
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s110558	GO:0006629	0.0069	ssr1499	GO:0043169	0.0051	s1r1895	GO:0044238	0.0038	ss13383	GO:0016070	0.0024	s1r6029	GO:0043234	0.0009
s1r0852	GO:0006629	0.0069	s1r0654	GO:0043169	0.0051	s1r5018	GO:0006790	0.0038	s111960	GO:0016070	0.0024	ss15108	GO:0043234	0.0009
s1r1519	GO:0006629	0.0069	s110478	GO:0043169	0.0051	s1r1790	GO:0006886	0.0038	s111942	GO:0044238	0.0024	s1r2049	GO:0043234	0.0009

s110274	GO:0006629	0.0069	s1r1362	GO:0043169	0.0051	s110596	GO:0030001	0.0038	s110930	GO:0009116	0.0024	s110157	GO:0043234	0.0009
ssr2201	GO:0007154	0.0068	s1r1600	GO:0043169	0.0051	s110843	GO:0044238	0.0038	s1r1484	GO:0009116	0.0024	s1r5112	GO:0043234	0.0009
s1r1495	GO:0007154	0.0068	s1r1287	GO:0043169	0.0051	s110888	GO:0044238	0.0038	s115062	GO:0016070	0.0024	s111381	GO:0043234	0.0009
s111749	GO:0007154	0.0068	s110659	GO:0043169	0.0051	s111552	GO:0006790	0.0038	s1r1173	GO:0016853	0.0024	s1r1990	GO:0043234	0.0009
s1r0341	GO:0019538	0.0068	s111509	GO:0043169	0.0051	s110615	GO:0030001	0.0038	s110294	GO:0016853	0.0024	ss17007	GO:0043234	0.0009
s1r0810	GO:0019538	0.0068	s1r1179	GO:0043169	0.0051	s111186	GO:0030001	0.0038	s111233	GO:0016853	0.0024	s110875	GO:0043234	0.0009
s110310	GO:0007154	0.0068	s110913	GO:0043169	0.0051	ss11923	GO:0006790	0.0038	s111714	GO:0016853	0.0024	s118035	GO:0043234	0.0009
ss10832	GO:0007154	0.0068	s115026	GO:0043169	0.0051	s111052	GO:0006886	0.0038	s118001	GO:0016853	0.0024	s1r0967	GO:0043234	0.0009
s1r1032	GO:0007154	0.0068	s1r6031	GO:0043169	0.0051	s110189	GO:0044238	0.0038	s1r0885	GO:0016853	0.0024	s1r0656	GO:0043234	0.0009
s1r0366	GO:0019538	0.0068	s1r6065	GO:0043169	0.0051	ss12781	GO:0006790	0.0038	s1r5024	GO:0016853	0.0024	s110670	GO:0043234	0.0009
s111737	GO:0019538	0.0068	s1r1472	GO:0043169	0.0051	s1r0147	GO:0006139	0.0038	s111289	GO:0016853	0.0024	ss17048	GO:0043234	0.0009
s110763	GO:0007154	0.0068	s111201	GO:0043169	0.0051	s1r0930	GO:0044238	0.0038	s1r1601	GO:0016853	0.0024	s1r1438	GO:0043234	0.0009
s110238	GO:0007154	0.0068	s111853	GO:0043169	0.0051	s1r2010	GO:0006790	0.0038	s117087	GO:0016853	0.0024	s110736	GO:0043234	0.0009
s115061	GO:0016829	0.0068	s1r1470	GO:0043169	0.0051	s117065	GO:0044238	0.0038	s110047	GO:0016853	0.0024	ssr6030	GO:0043234	0.0009
s1r0655	GO:0016829	0.0068	s110282	GO:0043169	0.0051	s1r2110	GO:0006886	0.0038	s1r1307	GO:0046873	0.0024	ssr6019	GO:0043234	0.0009
ssr2554	GO:0016829	0.0068	s1r6101	GO:0043169	0.0051	s110446	GO:0006139	0.0038	ss17022	GO:0016853	0.0024	s1r0269	GO:0043234	0.0009
s1r1927	GO:0016829	0.0068	s1r1690	GO:0043169	0.0051	s1r1863	GO:0006790	0.0038	s111926	GO:0016853	0.0024	ssr2972	GO:0043234	0.0009
s1r1547	GO:0016829	0.0068	s110423	GO:0043169	0.0051	s110658	GO:0006790	0.0038	s1r0300	GO:0016853	0.0024	s1r6094	GO:0043234	0.0009
s1r5023	GO:0016829	0.0068	s1r1195	GO:0043169	0.0051	s110513	GO:0030001	0.0038	s1r1396	GO:0016853	0.0024	s110939	GO:0043234	0.0009
s1r7013	GO:0016829	0.0068	s1r7015	GO:0043169	0.0051	s110298	GO:0006886	0.0038	ss13829	GO:0016853	0.0024	s110372	GO:0043234	0.0009
ss12420	GO:0016829	0.0068	s1r1611	GO:0043169	0.0051	s111241	GO:0044238	0.0038	s111902	GO:0043169	0.0024	s1r5126	GO:0043234	0.0009
s111092	GO:0016829	0.0068	s110980	GO:0043169	0.0051	s111752	GO:0044238	0.0038	ss16092	GO:0016853	0.0024	s110442	GO:0043234	0.0009
s1r0065	GO:0016829	0.0068	ssr3189	GO:0043169	0.0051	s1r0654	GO:0044238	0.0038	s110479	GO:0016853	0.0024	ss17051	GO:0043234	0.0009
s1r1378	GO:0016829	0.0068	s1r1128	GO:0043169	0.0051	s1r1762	GO:0044238	0.0038	s1r5102	GO:0016853	0.0024	ss12814	GO:0043234	0.0009
s1r0581	GO:0016829	0.0068	s1r2048	GO:0043169	0.0051	s1r0655	GO:0006790	0.0038	s1r1780	GO:0016853	0.0024	s1r5037	GO:0043234	0.0009
s118007	GO:0016829	0.0068	s1r1958	GO:0043169	0.0051	s1r0291	GO:0006886	0.0038	s118011	GO:0016853	0.0024	s1r1396	GO:0043234	0.0009
s1r1920	GO:0016829	0.0068	s1r0362	GO:0043169	0.0051	s110858	GO:0006886	0.0038	s111424	GO:0043169	0.0024	s1r1184	GO:0043234	0.0009
ss10312	GO:0016829	0.0068	s110156	GO:0043169	0.0051	ss10350	GO:0006886	0.0038	s118040	GO:0016853	0.0024	s117055	GO:0043234	0.0009
ss12245	GO:0016829	0.0068	s110189	GO:0043169	0.0051	s1r1677	GO:0006790	0.0038	s1r1290	GO:0016853	0.0024	ss11300	GO:0043234	0.0009
s1r1150	GO:0016829	0.0068	s111411	GO:0043169	0.0051	s111884	GO:0006790	0.0038	s110505	GO:0046873	0.0024	s117086	GO:0043234	0.0009
s111961	GO:0016829	0.0068	s110241	GO:0043169	0.0051	s1r6087	GO:0006886	0.0038	s1r0459	GO:0016853	0.0024	s1r0976	GO:0043234	0.0009
s111447	GO:0016829	0.0068	s111654	GO:0043169	0.0051	ssr3300	GO:0044238	0.0038	s1r1951	GO:0016853	0.0024	s1r0590	GO:0043234	0.0009
s117063	GO:0016829	0.0068	s110872	GO:0043169	0.0051	s1r1862	GO:0044238	0.0038	s111915	GO:0016853	0.0024	s110543	GO:0043234	0.0009
ssr6046	GO:0016829	0.0068	s110449	GO:0043169	0.0051	s115026	GO:0006790	0.0038	s1r0285	GO:0016853	0.0024	s111698	GO:0043234	0.0009
s110630	GO:0016829	0.0068	s117065	GO:0043169	0.0051	s1r5116	GO:0006790	0.0038	ss11552	GO:0016853	0.0024	s1r0509	GO:0043234	0.0009
s1r6101	GO:0016829	0.0068	s110602	GO:0043169	0.0051	ssr3154	GO:0006139	0.0038	s110783	GO:0046873	0.0024	s111640	GO:0043234	0.0009
s117043	GO:0016829	0.0068	s111217	GO:0043169	0.0051	s1r5037	GO:0006886	0.0038	s110552	GO:0016853	0.0024	s118019	GO:0043234	0.0009
s111217	GO:0016829	0.0068	ss11498	GO:0043169	0.0051	s1r1391	GO:0030001	0.0038	s110069	GO:0016853	0.0024	ss13615	GO:0043234	0.0009
s1r6067	GO:0016829	0.0068	s1r1657	GO:0043169	0.0051	s1r1074	GO:0044238	0.0038	s1r0610	GO:0016853	0.0024	s115128	GO:0043234	0.0009
s1r1187	GO:0016829	0.0068	s110611	GO:0043169	0.0051	s1r0151	GO:0006790	0.0038	s1r5112	GO:0016853	0.0024	s115063	GO:0043234	0.0009
s1r1958	GO:0016829	0.0068	s111389	GO:0043169	0.0051	s110614	GO:0044238	0.0038	s1r2018	GO:0043169	0.0024	s1r1670	GO:0043234	0.0009
s110860	GO:0016829	0.0068	s1r0145	GO:0043169	0.0051	s111640	GO:0006886	0.0038	s117067	GO:0016853	0.0024	s1r1681	GO:0043234	0.0009
ss12148	GO:0016829	0.0068	s110888	GO:0043169	0.0051	ssr2009	GO:0044238	0.0038	ssr5106	GO:0016853	0.0024	s1r2042	GO:0043234	0.0009
s115090	GO:0016829	0.0068	s1r1468	GO:0043169	0.0051	ssr5020	GO:0006790	0.0038	s111652	GO:0016853	0.0024	s112011	GO:0043234	0.0009
s111606	GO:0016829	0.0068	s111222	GO:0006396	0.005	s1r1442	GO:0006886	0.0038	ss12384	GO:0016853	0.0024	s118027	GO:0043234	0.0009
s111510	GO:0016829	0.0068	s111477	GO:0006396	0.005	s1r2103	GO:0006886	0.0038	s1r0637	GO:0016853	0.0024	ss17039	GO:0043234	0.0009
ssr0335	GO:0016829	0.0068	s1r0602	GO:0005975	0.005	s1r0503	GO:0030001	0.0038	s1r1819	GO:0016853	0.0024	ssr3129	GO:0043234	0.0009
s111306	GO:0016829	0.0068	s1r1773	GO:0006396	0.005	s1r0142	GO:0006790	0.0038	s1r0181	GO:0016853	0.0024	s1r1790	GO:0043234	0.0009
s111651	GO:0016829	0.0068	s111272	GO:0006396	0.005	s111004	GO:0006790	0.0038	s110442	GO:0016853	0.0024	ssr7093	GO:0043234	0.0009
s1r1339	GO:0016829	0.0068	s1r1591	GO:0006396	0.005	s1r1659	GO:0030001	0.0038	s110558	GO:0046873	0.0024	s111714	GO:0043234	0.0009
s110803	GO:0016829	0.0068	s117033	GO:0006812	0.0049	s110765	GO:0006886	0.0038	s1r1911	GO:0016853	0.0024	ss12138	GO:0043234	0.0009
s1r0337	GO:0016829	0.0068	s110525	GO:0006812	0.0049	s1r0271	GO:0006886	0.0038	s110736	GO:0016853	0.0024	s118012	GO:0043234	0.0009
ss18003	GO:0016829	0.0068	s1r0712	GO:0006812	0.0049	s1r0521	GO:0006886	0.0038	s1r0689	GO:0016853	0.0024	ss10467	GO:0043234	0.0009
s1r1816	GO:0043234	0.0009	s1r2071	GO:0043234	0.0009	s110641	GO:0016788	0.0008	s1r1812	GO:0005216	0.0006	s1r1636	GO:0043234	0.0004

sl17006	GO:0043234	0.0009	sl17077	GO:0043234	0.0009	sl11293	GO:0043234	0.0008	slr0602	GO:0019538	0.0005	sl10933	GO:0006139	0.0003
ssr1155	GO:0043234	0.0009	slr7060	GO:0043234	0.0009	slr1614	GO:0043234	0.0008	slr1614	GO:0044238	0.0005	sl10242	GO:0006812	0.0003
slr0345	GO:0043234	0.0009	slr1079	GO:0043234	0.0009	sl11763	GO:0043234	0.0008	sl10641	GO:0006807	0.0005	sl10488	GO:0016810	0.0003
slr7099	GO:0043234	0.0009	sl10069	GO:0043234	0.0009	sl10779	GO:0043234	0.0008	sl10445	GO:0007154	0.0005	sl10445	GO:0008324	0.0003
slr7071	GO:0043234	0.0009	sl10405	GO:0043234	0.0009	slr1235	GO:0043234	0.0008	sl10584	GO:0044262	0.0005	slr1052	GO:0004872	0.0003
slr6028	GO:0043234	0.0009	slr5087	GO:0043234	0.0009	sl10350	GO:0043234	0.0008	slr1235	GO:0044262	0.0005	sl10149	GO:0016772	0.0003
slr0397	GO:0043234	0.0009	slr2000	GO:0043234	0.0009	slr1644	GO:0008299	0.0007	sl11763	GO:0044262	0.0005	sl10641	GO:0008324	0.0003
ss15015	GO:0043234	0.0009	slr6009	GO:0043234	0.0009	sl11272	GO:0044262	0.0007	ssr3154	GO:0016829	0.0005	sl11222	GO:0006725	0.0002
slr0300	GO:0043234	0.0009	slr5013	GO:0043234	0.0009	slr1699	GO:0016853	0.0007	ssr0692	GO:0016829	0.0005	ss10750	GO:0016051	0.0002
sl11340	GO:0043234	0.0009	slr0634	GO:0043234	0.0009	sl11293	GO:0016829	0.0007	slr0765	GO:0016829	0.0005	slr0765	GO:0006725	0.0002
slr1425	GO:0043234	0.0009	sl11036	GO:0043234	0.0009	ss10750	GO:0004872	0.0007	slr0818	GO:0016829	0.0005	slr1812	GO:0016070	0.0002
ss10350	GO:0043234	0.0009	sl11321	GO:0043234	0.0009	sl10584	GO:0016829	0.0007	sl10933	GO:0042626	0.0005	slr1644	GO:0016853	0.0002
slr6075	GO:0043234	0.0009	sl10552	GO:0043234	0.0009	sl10350	GO:0016829	0.0007	sl11995	GO:0016829	0.0005	slr1431	GO:0016788	0.0002
sl11891	GO:0043234	0.0009	slr1911	GO:0043234	0.0009	sl10584	GO:0004872	0.0007	sl11272	GO:0016829	0.0005	sl10068	GO:0016829	0.0002
sl17050	GO:0043234	0.0009	slr1915	GO:0043234	0.0009	slr1235	GO:0004872	0.0007	sl10656	GO:0016829	0.0005	slr1699	GO:0044238	0.0001
ssr0109	GO:0043234	0.0009	sl10162	GO:0043234	0.0009	slr1052	GO:0016853	0.0007	slr0108	GO:0016829	0.0005	slr1812	GO:0005976	0.0001
ss15008	GO:0043234	0.0009	sl10625	GO:0043234	0.0009	sl10350	GO:0004872	0.0007	ssr2142	GO:0016810	0.0005	sl10931	GO:0044238	0.0001
ss15100	GO:0043234	0.0009	slr0271	GO:0043234	0.0009	sl11527	GO:0016829	0.0007	slr1431	GO:0016810	0.0005	slr1636	GO:0044238	0.0001
sl15109	GO:0043234	0.0009	sl11106	GO:0043234	0.0009	slr2092	GO:0006520	0.0006	sl11995	GO:0016051	0.0004	slr1215	GO:0044267	0.0001
slr0241	GO:0043234	0.0009	sl10905	GO:0043234	0.0009	slr1644	GO:0006139	0.0006	sl10413	GO:0044249	0.0004	sl10413	GO:0005976	0.0001
sl11785	GO:0043234	0.0009	sl11681	GO:0043234	0.0009	sl12007	GO:0006520	0.0006	sl10898	GO:0016051	0.0004	sl10068	GO:0006790	0.0001
slr1718	GO:0043234	0.0009	slr7102	GO:0043234	0.0009	slr1431	GO:0006139	0.0006	sl11477	GO:0016051	0.0004	slr1215	GO:0044249	0.0001
sl11911	GO:0043234	0.0009	sl11573	GO:0043234	0.0009	sl11858	GO:0006725	0.0006	ss10750	GO:0030001	0.0004	sl10445	GO:0043169	0.0001
ssr2553	GO:0043234	0.0009	slr1206	GO:0043234	0.0009	sl10445	GO:0015031	0.0006	sl10445	GO:0019538	0.0004	sl10641	GO:0046873	0.0001
slr0459	GO:0043234	0.0009	sl11979	GO:0043234	0.0009	sl10488	GO:0015031	0.0006	sl11477	GO:0016070	0.0004	slr1699	GO:0046873	0.0001
sl11285	GO:0043234	0.0009	sl10294	GO:0043234	0.0009	sl10446	GO:0009116	0.0006	sl11446	GO:0016051	0.0004	sl10413	GO:0046873	0.0001
ssr7084	GO:0043234	0.0009	ss12069	GO:0043234	0.0009	sl10933	GO:0019538	0.0006	slr0765	GO:0016070	0.0004	sl10985	GO:0016810	0.0001
sl10253	GO:0043234	0.0009	sl10925	GO:0043234	0.0009	ss11255	GO:0006520	0.0006	sl10641	GO:0019538	0.0004	sl10068	GO:0046873	0.0001
ssr2318	GO:0043234	0.0009	ss12971	GO:0043234	0.0009	sl11528	GO:0009116	0.0006	sl11527	GO:0030001	0.0004	slr0602	GO:0016853	0.0001
slr0730	GO:0043234	0.0009	ss15068	GO:0043234	0.0009	ss10294	GO:0005216	0.0006	slr0765	GO:0016051	0.0004	sl10445	GO:0016853	0.0001
sl11151	GO:0043234	0.0009	ss17074	GO:0043234	0.0009	sl10350	GO:0005216	0.0006	slr0818	GO:0016051	0.0004	slr0602	GO:0016829	0.0001
sl17033	GO:0043234	0.0009	sl15003	GO:0043234	0.0009	sl10931	GO:0005216	0.0006	ss10750	GO:0006730	0.0004	slr1431	GO:0043234	0.0001
ssr5106	GO:0043234	0.0009	slr1699	GO:0006629	0.0008	sl11527	GO:0005216	0.0006	sl10931	GO:0016829	0.0004	slr1644	GO:0043234	0.0001
slr0498	GO:0043234	0.0009	sl11995	GO:0030001	0.0008	sl11995	GO:0005216	0.0006	slr1614	GO:0046873	0.0004			
slr5101	GO:0043234	0.0009	slr1773	GO:0030001	0.0008	sl11763	GO:0005216	0.0006	slr1431	GO:0005216	0.0004			
slr1394	GO:0043234	0.0009	ssr0692	GO:0046873	0.0008	sl10584	GO:0005216	0.0006	ss10750	GO:0046873	0.0004			
slr1780	GO:0043234	0.0009	sl10735	GO:0046873	0.0008	slr1773	GO:0005216	0.0006	slr1812	GO:0043234	0.0004			
slr1513	GO:0043234	0.0009	sl11272	GO:0046873	0.0008	ssr2142	GO:0008324	0.0006	slr1052	GO:0043234	0.0004			
slr2003	GO:0043234	0.0009	slr0108	GO:0046873	0.0008	slr0642	GO:0005216	0.0006	slr1699	GO:0043234	0.0004			

Supplemental Table S6. The information of 19 sub-networks.

Sub_Network	Gene	Sub_Network	Gene	Sub_Network	Gene
sub_network_1	sml0003	sub_network_3	slr1185	sub_network_7	sll0012
sub_network_1	slr1739	sub_network_3	smr0003	sub_network_7	sll0666
sub_network_1	slr0927	sub_network_3	sll1382	sub_network_7	sll0665
sub_network_1	ssl2598	sub_network_3	slr1643	sub_network_7	sll0677
sub_network_1	sml0002	sub_network_3	slr0342	sub_network_7	sll1716
sub_network_1	sll0849	sub_network_3	sll1182	sub_network_7	sll1710
sub_network_1	sml0007	sub_network_3	sll1317	sub_network_8	sll0317
sub_network_1	smr0007	sub_network_3	slr0150	sub_network_8	sll1255
sub_network_1	slr1311	sub_network_3	sll1316	sub_network_8	sll1780
sub_network_1	sll1281	sub_network_3	slr0343	sub_network_8	sll1560
sub_network_1	sll0427	sub_network_3	slr1828	sub_network_8	sll1474
sub_network_1	sll0247	sub_network_3	sll0199	sub_network_9	sll0651
sub_network_1	sll0851	sub_network_3	sll1796	sub_network_9	sll0700
sub_network_1	sml0001	sub_network_3	smr0010	sub_network_9	sll0431
sub_network_1	smr0009	sub_network_4	slr2051	sub_network_9	sll0201
sub_network_1	ssr3451	sub_network_4	sll1051	sub_network_10	slr1044
sub_network_1	sll0258	sub_network_4	slr2067	sub_network_10	sll1229
sub_network_1	sll1194	sub_network_4	slr1459	sub_network_10	sll1228
sub_network_1	smr0008	sub_network_4	sll1577	sub_network_11	ssr1258
sub_network_1	slr1181	sub_network_4	slr1986	sub_network_11	slr0653
sub_network_1	sll1867	sub_network_4	ssr3383	sub_network_11	slr1999_2
sub_network_1	slr0906	sub_network_4	slr1878	sub_network_11	ssr1765
sub_network_1	sml0005	sub_network_4	sll1580	sub_network_12	sll1427
sub_network_1	sll1398	sub_network_4	sll1579	sub_network_12	slr1204
sub_network_1	sll1418	sub_network_4	ssl3093	sub_network_12	sll0856
sub_network_1	slr1645	sub_network_4	sll1471	sub_network_13	sll2007
sub_network_1	smr0006	sub_network_4	sll1578	sub_network_13	sll2006
sub_network_1	smr0001	sub_network_4	sll0928	sub_network_13	sll2005
sub_network_2	slr1281	sub_network_4	slr0335	sub_network_14	slr1660
sub_network_2	slr1280	sub_network_5	smr0004	sub_network_14	slr1658
sub_network_2	sll0522	sub_network_5	ssr0390	sub_network_14	slr1657
sub_network_2	sll8031	sub_network_5	slr1655	sub_network_14	sll0537
sub_network_2	slr0261	sub_network_5	slr1834	sub_network_14	slr1659
sub_network_2	sll1733	sub_network_5	ssr2831	sub_network_14	sll0536
sub_network_2	sll0521	sub_network_5	slr1835	sub_network_15	sll0319
sub_network_2	sll0026	sub_network_5	sll0629	sub_network_15	slr1505
sub_network_2	slr2007	sub_network_5	sll0819	sub_network_15	sll0320
sub_network_2	slr1291	sub_network_5	ssl0563	sub_network_16	sll0980
sub_network_2	slr0331	sub_network_5	smr0005	sub_network_16	slr0257
sub_network_2	ssr1386	sub_network_5	sml0008	sub_network_16	sll0981
sub_network_2	ssl1690	sub_network_5	slr0737	sub_network_17	sll0656
sub_network_2	sll1732	sub_network_6	sll1327	sub_network_17	sll0485
sub_network_2	slr1279	sub_network_6	sll1324	sub_network_17	sll0654
sub_network_2	slr0844	sub_network_6	sll1326	sub_network_18	sll1294
sub_network_2	slr2009	sub_network_6	slr1330	sub_network_18	sll1293
sub_network_2	sll0027	sub_network_6	sll1325	sub_network_18	sll1296

sub_network_2	slI0519	sub_network_6	slr1329	sub_network_19	slr1064
sub_network_2	slI0520	sub_network_6	ssl2615	sub_network_19	slr1443
sub_network_3	ssl0020	sub_network_6	slI1322	sub_network_19	slr1063
sub_network_3	sml0004	sub_network_6	slI1323		