

ECOCYC		YES	NO	NEXT 1	NO	NEXT 2	NO	NEXT 5	NO
COG0001	COG0113	1	0	1	0	1	0	1	0
COG0001	COG0373	1	0	1	0	1	0	1	0
COG0002	COG0548	1	0	1	0	1	0	1	0
COG0007	COG1587	1	0	1	0	1	0	1	0
COG0010	COG1166	1	0	1	0	1	0	1	0
COG0015	COG0104	1	0	1	0	1	0	1	0
COG0015	COG0138	1	0	1	0	1	0	1	0
COG0015	COG0152	1	0	1	0	1	0	1	0
COG0015	COG0563	1	0	1	0	1	0	1	0
COG0019	COG0253	1	0	1	0	1	0	1	0
COG0020	COG0142	0	1	1	0	1	0	1	0
COG0026	COG0041	1	0	1	0	1	0	1	0
COG0026	COG0150	1	0	1	0	1	0	1	0
COG0027	COG0046	1	0	1	0	1	0	1	0
COG0027	COG0047	1	0	1	0	1	0	1	0
COG0027	COG0151	1	0	1	0	1	0	1	0
COG0034	COG0151	1	0	1	0	1	0	1	0
COG0040	COG0139	1	0	1	0	1	0	1	0
COG0040	COG0140	1	0	1	0	1	0	1	0
COG0041	COG0152	1	0	1	0	1	0	1	0
COG0043	COG0382	1	0	1	0	1	0	1	0
COG0043	COG0661	0	1	0	1	0	1	1	0
COG0046	COG0299	1	0	1	0	1	0	1	0
COG0047	COG0150	1	0	1	0	1	0	1	0
COG0047	COG0299	1	0	1	0	1	0	1	0
COG0054	COG0108	1	0	1	0	1	0	1	0
COG0054	COG0307	1	0	1	0	1	0	1	0
COG0058	COG1640	1	0	1	0	1	0	1	0
COG0059	COG0440	1	0	1	0	1	0	1	0
COG0065	COG0473	1	0	1	0	1	0	1	0
COG0066	COG0473	1	0	1	0	1	0	1	0
COG0078	COG0137	1	0	1	0	1	0	1	0
COG0079	COG0131	1	0	1	0	1	0	1	0
COG0079	COG0241	1	0	1	0	1	0	1	0
COG0082	COG0128	1	0	1	0	1	0	1	0
COG0083	COG0498	1	0	1	0	1	0	1	0
COG0104	COG0138	1	0	1	0	1	0	1	0
COG0106	COG0107	1	0	1	0	1	0	1	0
COG0106	COG0118	1	0	1	0	1	0	1	0
COG0106	COG0139	1	0	1	0	1	0	1	0
COG0106	COG0140	1	0	1	0	1	0	1	0
COG0107	COG0131	1	0	1	0	1	0	1	0
COG0107	COG0241	1	0	1	0	1	0	1	0
COG0109	COG0276	1	0	1	0	1	0	1	0
COG0111	COG1932	0	1	0	1	1	0	1	0
COG0113	COG0181	1	0	1	0	1	0	1	0
COG0117	COG0807	1	0	1	0	1	0	1	0
COG0118	COG0131	1	0	1	0	1	0	1	0
COG0118	COG0241	1	0	1	0	1	0	1	0
COG0126	COG0588	1	0	1	0	1	0	1	0
COG0126	COG0696	1	0	1	0	1	0	1	0
COG0128	COG0703	1	0	1	0	1	0	1	0
COG0131	COG0141	1	0	1	0	1	0	1	0
COG0132	COG0161	1	0	1	0	1	0	1	0
COG0132	COG0502	1	0	1	0	1	0	1	0

COG0133	COG0134	1	0	1	0	1	0	1	0
COG0133	COG0135	1	0	1	0	1	0	1	0
COG0134	COG0159	1	0	1	0	1	0	1	0
COG0134	COG0547	1	0	1	0	1	0	1	0
COG0135	COG0159	1	0	1	0	1	0	1	0
COG0135	COG0547	1	0	1	0	1	0	1	0
COG0136	COG0527	1	0	1	0	1	0	1	0
COG0137	COG0165	1	0	1	0	1	0	1	0
COG0138	COG0516	1	0	1	0	1	0	1	0
COG0141	COG0241	1	0	1	0	1	0	1	0
COG0142	COG1443	0	1	1	0	1	0	1	0
COG0151	COG0299	1	0	1	0	1	0	1	0
COG0155	COG0175	0	1	0	1	0	1	1	0
COG0157	COG0379	1	0	1	0	1	0	1	0
COG0163	COG0382	1	0	1	0	1	0	1	0
COG0163	COG0661	0	1	0	1	0	1	1	0
COG0167	COG0418	1	0	1	0	1	0	1	0
COG0167	COG0461	1	0	1	0	1	0	1	0
COG0169	COG0703	1	0	1	0	1	0	1	0
COG0169	COG0710	1	0	1	0	1	0	1	0
COG0171	COG1057	1	0	1	0	1	0	1	0
COG0175	COG0369	0	1	0	1	0	1	1	0
COG0181	COG1587	1	0	1	0	1	0	1	0
COG0190	COG0285	1	0	1	0	1	0	1	0
COG0194	COG0518	1	0	1	0	1	0	1	0
COG0194	COG0519	1	0	1	0	1	0	1	0
COG0196	COG0307	1	0	1	0	1	0	1	0
COG0204	COG0575	1	0	1	0	1	0	1	0
COG0204	COG2937	1	0	1	0	1	0	1	0
COG0237	COG0669	1	0	1	0	1	0	1	0
COG0245	COG0821	0	1	0	1	0	1	0	1
COG0245	COG1947	1	0	1	0	1	0	1	0
COG0248	COG0317	0	1	0	1	0	1	1	0
COG0262	COG0285	1	0	1	0	1	0	1	0
COG0269	COG3623	1	0	1	0	1	0	1	0
COG0281	COG0574	0	1	1	0	1	0	1	0
COG0283	COG0572	1	0	1	0	1	0	1	0
COG0284	COG0461	1	0	1	0	1	0	1	0
COG0284	COG0528	1	0	1	0	1	0	1	0
COG0288	COG1513	1	0	1	0	1	0	1	0
COG0289	COG2171	1	0	1	0	1	0	1	0
COG0294	COG0801	1	0	1	0	1	0	1	0
COG0296	COG0297	1	0	1	0	1	0	1	0
COG0297	COG0448	1	0	1	0	1	0	1	0
COG0320	COG0321	1	0	1	0	1	0	1	0
COG0331	COG0332	1	0	1	0	1	0	1	0
COG0331	COG0439	1	0	1	0	1	0	1	0
COG0331	COG0511	1	0	1	0	1	0	1	0
COG0331	COG0777	1	0	1	0	1	0	1	0
COG0331	COG0825	1	0	1	0	1	0	1	0
COG0337	COG0710	1	0	1	0	1	0	1	0
COG0337	COG0722	1	0	1	0	1	0	1	0
COG0340	COG0439	0	1	1	0	1	0	1	0
COG0346	COG0491	0	1	0	1	0	1	1	0
COG0346	COG1803	0	1	1	0	1	0	1	0
COG0351	COG0352	1	0	1	0	1	0	1	0

COG0351	COG0422	1	0	1	0	1	0	1	0
COG0352	COG0611	1	0	1	0	1	0	1	0
COG0352	COG1060	1	0	1	0	1	0	1	0
COG0352	COG2022	0	1	1	0	1	0	1	0
COG0352	COG2145	1	0	1	0	1	0	1	0
COG0363	COG1820	1	0	1	0	1	0	1	0
COG0368	COG2087	1	0	1	0	1	0	1	0
COG0372	COG1049	1	0	1	0	1	0	1	0
COG0376	COG0605	1	0	1	0	1	0	1	0
COG0380	COG1877	1	0	1	0	1	0	1	0
COG0381	COG0677	1	0	1	0	1	0	1	0
COG0382	COG3161	1	0	1	0	1	0	1	0
COG0399	COG0454	0	1	0	1	0	1	1	0
COG0407	COG0408	1	0	1	0	1	0	1	0
COG0407	COG0635	1	0	1	0	1	0	1	0
COG0407	COG1893	1	0	1	0	1	0	1	0
COG0408	COG0853	1	0	1	0	1	0	1	0
COG0413	COG1893	1	0	1	0	1	0	1	0
COG0414	COG0853	1	0	1	0	1	0	1	0
COG0414	COG1893	1	0	1	0	1	0	1	0
COG0418	COG0540	1	0	1	0	1	0	1	0
COG0418	COG1781	1	0	1	0	1	0	1	0
COG0421	COG1586	1	0	1	0	1	0	1	0
COG0431	COG2141	0	1	0	1	0	1	0	1
COG0439	COG1654	0	1	0	1	0	1	0	1
COG0447	COG1575	1	0	1	0	1	0	1	0
COG0451	COG1089	1	0	1	0	1	0	1	0
COG0452	COG0669	1	0	1	0	1	0	1	0
COG0452	COG1072	1	0	1	0	1	0	1	0
COG0503	COG0813	1	0	1	0	1	0	1	0
COG0516	COG0518	1	0	1	0	1	0	1	0
COG0516	COG0519	1	0	1	0	1	0	1	0
COG0529	COG2895	1	0	1	0	1	0	1	0
COG0558	COG0575	1	0	1	0	1	0	1	0
COG0558	COG0671	1	0	1	0	1	0	1	0
COG0558	COG1267	1	0	1	0	1	0	1	0
COG0575	COG1502	1	0	1	0	1	0	1	0
COG0605	COG0753	1	0	1	0	1	0	1	0
COG0661	COG2227	0	1	0	1	0	1	1	0
COG0671	COG1502	1	0	1	0	1	0	1	0
COG0677	COG1922	1	0	1	0	1	0	1	0
COG0688	COG1502	1	0	1	0	1	0	1	0
COG0717	COG0756	1	0	1	0	1	0	1	0
COG0743	COG1211	1	0	1	0	1	0	1	0
COG0761	COG0821	0	1	0	1	0	1	0	1
COG0763	COG1044	1	0	1	0	1	0	1	0
COG0763	COG2908	0	1	0	1	0	1	0	1
COG0766	COG0812	1	0	1	0	1	0	1	0
COG0769	COG0770	1	0	1	0	1	0	1	0
COG0769	COG0771	1	0	1	0	1	0	1	0
COG0770	COG1181	1	0	1	0	1	0	1	0
COG0771	COG0773	1	0	1	0	1	0	1	0
COG0771	COG0796	1	0	1	0	1	0	1	0
COG0773	COG0812	1	0	1	0	1	0	1	0
COG0774	COG1043	1	0	1	0	1	0	1	0
COG0774	COG1044	1	0	1	0	1	0	1	0

COG0794	COG2877	1	0	1	0	1	0	1	0
COG0801	COG1539	1	0	1	0	1	0	1	0
COG0807	COG1985	1	0	1	0	1	0	1	0
COG0837	COG1626	1	0	1	0	1	0	1	0
COG0854	COG1995	1	0	1	0	1	0	1	0
COG1018	COG1541	0	1	0	1	0	1	1	0
COG1044	COG2908	0	1	0	1	0	1	0	1
COG1069	COG2160	0	1	1	0	1	0	1	0
COG1088	COG1209	1	0	1	0	1	0	1	0
COG1165	COG1441	1	0	1	0	1	0	1	0
COG1211	COG1947	1	0	1	0	1	0	1	0
COG1212	COG1519	1	0	1	0	1	0	1	0
COG1267	COG1502	1	0	1	0	1	0	1	0
COG1335	COG1488	0	1	0	1	1	0	1	0
COG1352	COG2201	1	0	1	0	1	0	1	0
COG1519	COG1663	0	1	1	0	1	0	1	0
COG1541	COG2151	0	1	0	1	0	1	1	0
COG1541	COG3396	0	1	0	1	0	1	1	0
COG1587	COG1648	1	0	1	0	1	0	1	0
COG1767	COG3697	1	0	1	0	1	0	1	0
COG1778	COG2877	0	1	0	1	0	1	0	1
COG1929	COG2084	0	1	0	1	0	1	1	0
COG1940	COG3010	0	1	0	1	0	1	0	1
COG2087	COG2109	1	0	1	0	1	0	1	0
COG3138	COG3724	1	0	1	0	1	0	1	0
		162	30	170	22	172	20	184	8
		0.84	0.2	0.8854	0	0.8958	0	0.9583	0