

Table with columns: ID, Name, Family, Rank Category, L1000, L1000, L1000, L1000. Rows include various biological processes like cell cycle, DNA replication, and transcription across multiple cell lines.

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04671	serine hydroxymethyltransferase	Amino acid biosynthesis	-0.59	-0.29	-0.11	-0.21
04672	ABC transporter, ATP-binding protein	Transport and binding proteins	-0.40	-0.27	-0.22	-0.19
04673	hydrophobic protein	Hydrophobic protein	-0.60	-0.34	-0.40	-0.17
04674	glucose galactose transporter	Transport and binding proteins	0.02	-0.48	0.14	-0.14
04675	conserved hypothetical protein	Hydrophobic protein	-0.20	-0.49	-0.46	-0.24
04676	periplasmic MSCRAM family	Periplasm	-0.60	-0.20	-0.20	-0.11
04677	conserved hypothetical protein	Hydrophobic protein	0.31	-0.22	-0.19	-0.17
04678	conserved hypothetical protein	Hydrophobic protein	-0.11	-0.38	-0.20	-0.14
04679	salicin permease family protein	Transport and binding proteins	-0.49	-0.38	-0.47	-0.17
04680	conserved hypothetical protein	Hydrophobic protein	-0.47	-0.13	-0.20	-0.14
04681	phosphotransferase system (PTS) subunit, catalytic subunit	Periplasm, periplasmic, periplasmic, and nucleotide	-0.69	-0.31	-0.46	-0.17
04682	2,7-bisphospho-7-phosphotransferase	Periplasm, periplasmic, nucleotide, and nucleotide	0.00	-0.44	-0.42	-0.19
04683	phosphotransferase system (PTS) subunit 2	Periplasm, periplasmic, nucleotide, and nucleotide	-0.27	-0.28	-0.35	-0.21
04684	periplasmic protein	Periplasm	-0.42	-0.19	-0.11	-0.05
04685	nitrogen-diphosphate synthase	Biosynthesis of cofactors, prosthetic groups, and carriers	-0.36	-0.22	-0.13	-0.11
04686	hydrophobic protein	Hydrophobic protein	-0.22	-0.19	-0.11	-0.05
04687	acid disulfide isomerase protein, periplasmic	Periplasm	0.06	-0.06	-0.28	-0.38
04688	conserved hypothetical protein	Hydrophobic protein	-0.27	-0.28	-0.34	-0.20
04689	hydrophobic protein	Hydrophobic protein	-0.30	-0.24	-0.13	-0.12
04690	nitrate dioxygenase domain protein	Unknown function	-0.18	-0.22	-0.26	-0.27
04691	hydrophobic protein	Hydrophobic protein	-0.20	-0.22	-0.28	-0.28
04692	hydrophobic protein	Hydrophobic protein	-0.47	-0.38	-0.36	-0.28
04693	2-oxoethylsuccinate succinyl-CoA:5-adenosylhomocysteine methyltransferase, periplasmic	Central intermediary metabolism	-0.89	-0.22	-0.35	-0.21
04694	NagC family protein	Transport and binding proteins	-0.59	-0.07	-0.08	-0.11
04695	nitrate-binding protein, periplasmic	Unknown function	0.00	-0.14	-0.36	-0.44
04696	nitrate reductase NAD(P)H nitroreductase	Unknown function	-0.45	-0.43	-0.49	-0.48
04697	acid disulfide isomerase periplasmic protein, DNA family	Periplasm	-0.40	-0.44	-0.48	-0.52
04698	hydrophobic protein	Hydrophobic protein	-0.08	-0.39	-0.20	-0.23
04699	hydrophobic protein	Hydrophobic protein	-0.63	-0.26	-0.11	-0.19
04700	hydrophobic protein	Hydrophobic protein	-0.07	-0.32	-0.28	-0.20
04701	1,6M domain protein	Unknown function	-0.57	-0.15	-0.16	-0.24
04702	ATP-dependent RNA helicase, DEAD box family	Transcription	-0.59	-0.37	-0.16	-0.04
04703	conserved RNA subunit, prokaryotic cytoskeleton A	Periplasm	-0.42	-0.39	-0.36	-0.22
04704	phosphotransferase system (PTS) subunit 1	Biosynthesis of cofactors, prosthetic groups, and carriers	-0.31	-0.21	-0.22	-0.13
04705	periplasmic protein	Periplasm	-0.20	-0.08	-0.11	-0.17
04706	2-allyl-DL-3-oxoglutarate aldolase	Cofactor biosynthesis	-0.44	-0.25	-0.24	-0.26
04707	conserved hypothetical protein	Hydrophobic protein	-0.23	-0.17	-0.16	-0.14
04708	alkaline phosphatase	Unknown function	-0.36	-0.14	-0.15	-0.19
04709	periplasmic protein	Periplasm	-0.22	-0.17	-0.11	-0.19
04710	phospho-ATPase inducible	Biosynthesis of cofactors, prosthetic groups, and carriers	-0.30	-0.24	-0.13	-0.24
04711	hydrophobic protein	Hydrophobic protein	-0.22	-0.19	-0.12	-0.16
04712	periplasmic protein	Periplasm	-0.42	-0.15	-0.14	-0.31
04713	hydrophobic protein	Hydrophobic protein	-0.27	-0.48	-0.31	-0.41
04714	hydrophobic protein	Hydrophobic protein	-0.39	-0.25	-0.36	-0.22
04715	hydrophobic protein	Hydrophobic protein	-0.39	-0.22	-0.18	-0.27
04716	hydrophobic protein	Hydrophobic protein	-0.26	-0.22	-0.18	-0.27
04717	hydrophobic protein	Hydrophobic protein	-0.27	-0.25	-0.17	-0.17
04718	hydrophobic protein	Hydrophobic protein	-0.11	-0.18	-0.11	-0.23
04719	hydrophobic protein	Hydrophobic protein	-0.22	-0.17	-0.13	-0.18
04720	hydrophobic protein	Hydrophobic protein	0.08	-0.05	-0.42	-0.12
04721	hydrophobic protein	Hydrophobic protein	-0.20	-0.26	-0.13	-0.17
04722	hydrophobic protein	Hydrophobic protein	-0.31	-0.06	-0.11	-0.19
04723	conserved hypothetical protein	Hydrophobic protein	-0.59	-0.18	-0.22	-0.36
04724	periplasmic Fe hydroxylase, large subunit	Energy metabolism	-0.41	-0.38	-0.43	-0.25
04725	periplasmic Fe hydroxylase, small subunit	Energy metabolism	-0.64	-0.44	-0.79	-0.42
04726	conserved hypothetical protein	Hydrophobic protein	-0.42	-0.35	-0.49	-0.29
04727	UDP-N-acetylglucosamine 1-carboxyvinyltransferase	Cofactor biosynthesis	-0.07	-0.12	-0.12	-0.08
04728	hydrophobic protein	Hydrophobic protein	-0.41	-0.44	-0.48	-0.49
04729	OrnK family protein	Cofactor biosynthesis	-0.64	-0.41	-0.57	-0.42
04730	conserved hypothetical protein	Hydrophobic protein	-0.14	-0.31	-0.17	-0.18
04731	cytochrome c122 sigma subunit	Energy metabolism	-0.39	-1.00	-0.99	-0.63
04732	conserved cytochrome P-450	Signal transduction	-0.18	-0.27	-0.12	-0.10
04733	factor-1-like hydrophobin	Energy metabolism	-0.24	-0.31	-0.28	-0.22
04734	hydrophobic protein	Hydrophobic protein	-0.42	-0.12	-0.17	-0.20
04735	hydrophobic protein	DNA metabolism	-0.54	-0.29	-0.28	-0.31
04736	single-strand binding protein	Hydrophobic protein	-0.44	-0.05	-0.14	-0.11
04737	hydrophobic protein	Hydrophobic protein	-0.44	-0.05	-0.14	-0.11
04738	hydrophobic protein	Hydrophobic protein	-0.39	-0.79	-0.73	-0.45
04739	periplasmic protein	Regulatory functions	-0.69	-0.35	-0.36	-0.17
04740	phosphotransferase system (PTS) subunit, catalytic subunit, periplasmic	Periplasm, periplasmic, nucleotide, and nucleotide	-1.09	-0.25	-0.17	-0.48
04741	hydrophobic protein	Hydrophobic protein	-0.73	-0.46	-0.39	-0.41
04742	hydrophobic protein	Hydrophobic protein	0.19	-0.11	-0.11	-0.12
04743	YadA domain protein, periplasmic	Transport and binding proteins	-0.39	-0.74	-0.88	-0.63
04744	conserved hypothetical protein	Hydrophobic protein	-0.32	-0.16	-0.18	-0.19
04745	conserved hypothetical protein	Hydrophobic protein	-0.35	-0.18	-0.23	-0.11
04746	periplasmic protein	Periplasm and binding proteins	-0.62	-0.64	-0.44	-0.42
04747	hydrophobic protein	Hydrophobic protein	-0.07	-0.66	-0.39	-0.06
04748	citriase A	Energy metabolism	-0.23	-0.43	-0.27	-0.38
04749	hydrophobic protein	Hydrophobic protein	-0.23	-0.43	-0.29	-0.13
04750	nitrate reductase, periplasmic	Energy metabolism	-0.62	-0.44	-0.43	-0.43
04751	cell division protein PknA, periplasmic	Cellular processes	-0.31	-0.09	-0.09	-0.04
04752	conserved hypothetical protein	Hydrophobic protein	-0.42	-0.52	-0.51	-0.43
04753	nitrate reductase, periplasmic	Periplasm, periplasmic, nucleotide, and nucleotide	-0.17	-0.38	-0.29	-0.22
04754	conserved hypothetical protein	Hydrophobic protein	-0.29	-0.31	-0.16	-0.12
04755	transport protein	Transport and binding proteins	-0.62	-0.47	-0.56	-0.47
04756	periplasmic disulfide isomerase family protein	Energy metabolism	-0.45	-0.45	-0.22	-0.18
04757	nitrate binding protein	Signal transduction	-0.40	-0.44	-0.29	-0.17
04758	DNA-binding protein, periplasmic	Regulatory functions	-0.44	-0.72	-0.41	-0.21
04759	C factor, periplasmic	Cellular processes	0.06	-0.42	-0.20	-0.29
04760	periplasmic protein	Periplasm	-0.19	-0.43	-0.23	-0.17
04761	periplasmic protein	Central intermediary metabolism	-0.52	-0.39	-0.17	-0.26
04762	hydrophobic protein	Hydrophobic protein	-0.26	-0.21	-0.15	-0.08
04763	conserved hypothetical protein	Hydrophobic protein	0.00	-0.42	-0.45	-0.34
04764	hydrophobic protein	Biosynthesis of cofactors, prosthetic groups, and carriers	-0.26	-0.36	-0.41	-0.14
04765	hydrophobic protein	Hydrophobic protein	-0.43	-0.31	-0.44	-0.35
04766	hydrophobic protein	Hydrophobic protein	-0.48	-0.27	-0.30	-0.28
04767	hydrophobic protein	Hydrophobic protein	-0.40	-0.33	-0.33	-0.22
04768	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04769	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04770	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04771	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04772	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04773	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04774	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04775	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04776	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04777	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04778	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04779	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04780	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04781	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04782	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04783	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04784	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04785	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04786	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04787	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04788	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04789	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04790	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04791	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04792	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04793	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04794	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04795	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04796	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04797	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04798	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04799	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04800	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04801	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04802	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04803	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04804	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04805	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04806	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04807	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04808	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04809	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04810	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04811	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04812	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04813	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04814	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04815	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04816	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04817	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04818	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04819	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04820	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04821	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04822	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04823	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04824	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04825	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04826	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04827	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04828	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04829	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04830	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04831	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04832	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04833	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04834	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04835	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04836	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04837	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04838	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04839	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04840	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04841	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04842	hydrophobic protein	Hydrophobic protein	-0.48	-0.33	-0.33	-0.22
04843	hydrophobic protein	Hydrophobic protein	-0.			