

Supplementary information

TableS7. Differentially expressed genes among major cell types of human hippocampus

	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster
	5.28E-180	0.94524013	0.469	0.204	1.49E-175	CA1
	1.75E-278	1.00198507	0.988	0.837	4.95E-274	CA1
	5.75E-304	1.20665395	0.589	0.23	1.63E-299	CA1
	0	2.14901117	0.894	0.335	0	CA1
	0	2.10791503	0.561	0.128	0	CA1
	0	2.01142082	0.341	0.037	0	CA1
	0	1.97174888	0.998	0.504	0	CA1
	0	1.95968386	0.654	0.267	0	CA1
	0	1.91152867	0.869	0.197	0	CA1
	0	1.858088	0.923	0.478	0	CA1
	0	1.84132103	0.849	0.16	0	CA1
	0	1.79030096	0.976	0.532	0	CA1
	0	1.77587355	0.989	0.448	0	CA1
	0	1.72779544	0.948	0.38	0	CA1
	0	1.7269703	0.954	0.434	0	CA1
	0	1.70605473	0.844	0.341	0	CA1
	0	1.69789538	0.582	0.141	0	CA1
	0	1.65585257	0.715	0.117	0	CA1
	0	1.64711436	0.983	0.312	0	CA1
	0	1.64458113	0.91	0.328	0	CA1
	0	1.64407534	0.988	0.461	0	CA1
	0	1.62593985	0.759	0.168	0	CA1
	0	1.52278332	0.996	0.491	0	CA1
	0	1.51222236	0.992	0.626	0	CA1
	0	1.49594921	0.56	0.107	0	CA1
	0	1.47456012	0.934	0.325	0	CA1
	0	1.47167079	0.942	0.266	0	CA1
	0	1.46589463	1	0.783	0	CA1
	0	1.45890676	0.888	0.328	0	CA1
	0	1.40320282	0.859	0.167	0	CA1
	0	1.38818274	0.998	0.494	0	CA1
	0	1.38544443	0.632	0.198	0	CA1
	0	1.32006197	0.587	0.062	0	CA1
	0	1.31774779	0.853	0.107	0	CA1
	0	1.30587094	0.978	0.375	0	CA1
	0	1.29995279	0.835	0.144	0	CA1
	0	1.28514809	0.898	0.321	0	CA1
	0	1.27669715	0.256	0.021	0	CA1

	0	1.27281442	0.978	0.32	0	CA1
	0	1.26427521	0.902	0.264	0	CA1
	0	1.26230876	0.663	0.074	0	CA1
	0	1.23765564	0.855	0.163	0	CA1
	0	1.23286721	0.952	0.377	0	CA1
	0	1.22039782	0.992	0.456	0	CA1
	0	1.21054327	0.988	0.398	0	CA1
	0	1.20710802	0.744	0.179	0	CA1
	0	1.19505591	0.998	0.631	0	CA1
	0	1.18172278	0.748	0.165	0	CA1
	0	1.18105498	0.968	0.371	0	CA1
	0	1.17325863	1	0.628	0	CA1
	0	1.16589104	0.781	0.119	0	CA1
	0	1.14360716	0.976	0.546	0	CA1
	0	1.13262734	0.998	0.691	0	CA1
	0	1.12582845	0.637	0.25	0	CA1
	0	1.12538501	0.998	0.571	0	CA1
	0	1.1245637	0.95	0.278	0	CA1
	0	1.12103569	0.779	0.158	0	CA1
	0	1.11206625	0.937	0.289	0	CA1
	0	1.11099877	0.997	0.525	0	CA1
	0	1.10752335	0.998	0.54	0	CA1
	0	1.09650071	0.639	0.133	0	CA1
	0	1.0955004	0.974	0.443	0	CA1
	0	1.09434114	0.948	0.266	0	CA1
	0	1.08854445	0.95	0.335	0	CA1
	0	1.0882872	0.999	0.622	0	CA1
	0	1.08229659	1	0.568	0	CA1
	0	1.07540333	0.688	0.156	0	CA1
	0	1.07202123	0.985	0.477	0	CA1
	0	1.06372556	0.972	0.416	0	CA1
	0	1.05912889	0.885	0.414	0	CA1
	0	1.05894438	0.863	0.316	0	CA1
	0	1.05855539	0.973	0.344	0	CA1
	0	1.05711589	0.601	0.097	0	CA1
	0	1.05476726	0.999	0.554	0	CA1
	0	1.03976091	0.864	0.305	0	CA1
	0	1.02595166	0.896	0.208	0	CA1
	0	1.02321943	0.991	0.459	0	CA1
	0	1.01690335	0.999	0.543	0	CA1
	0	1.01020106	0.994	0.529	0	CA1

	0	1.00713993	0.989	0.639	0	CA1
	0	1.00435036	0.986	0.43	0	CA1
	0	0.99029477	0.995	0.486	0	CA1
	0	0.98571792	0.875	0.293	0	CA1
	0	0.9837902	0.494	0.138	0	CA1
	0	0.98151521	0.998	0.632	0	CA1
	0	0.9782088	0.999	0.753	0	CA1
	0	0.97772289	0.985	0.422	0	CA1
	0	0.97732203	0.996	0.634	0	CA1
	0	0.97062138	0.95	0.328	0	CA1
	0	0.96935681	0.832	0.23	0	CA1
	0	0.96226639	0.985	0.551	0	CA1
	0	0.96190004	1	0.882	0	CA1
	0	0.96011607	0.785	0.116	0	CA1
	0	0.95774948	0.924	0.294	0	CA1
	0	0.95153699	0.583	0.051	0	CA1
	0	0.9475287	1	0.719	0	CA1
	0	0.94196649	0.971	0.445	0	CA1
	0	0.94028132	0.992	0.388	0	CA1
	0	0.93835729	0.999	0.615	0	CA1
	0	0.93554409	0.951	0.353	0	CA1
	0	0.71631855	0.848	0.11	0	CA1
	1.79E-29	1.22005107	0.337	0.182	5.07E-25	CA2
	2.52E-117	1.8070746	0.745	0.441	7.12E-113	CA2
	4.97E-122	1.68792914	0.717	0.37	1.41E-117	CA2
	8.23E-126	1.71138251	0.639	0.269	2.33E-121	CA2
	4.43E-126	1.76915902	0.793	0.471	1.25E-121	CA2
	5.47E-127	1.71044719	0.819	0.572	1.55E-122	CA2
	3.34E-129	1.92780147	0.702	0.337	9.44E-125	CA2
	9.40E-132	1.68508567	0.611	0.228	2.66E-127	CA2
	2.06E-133	2.18234944	0.719	0.354	5.83E-129	CA2
	3.79E-135	1.68627997	0.737	0.366	1.07E-130	CA2
	7.61E-136	1.73947655	0.801	0.48	2.15E-131	CA2
	2.48E-136	1.71464157	0.801	0.477	7.01E-132	CA2
	1.33E-137	1.79421824	0.747	0.393	3.78E-133	CA2
	1.30E-137	1.72827519	0.778	0.44	3.69E-133	CA2
	2.99E-141	1.75465051	0.834	0.495	8.46E-137	CA2
	1.55E-143	1.68290458	0.812	0.45	4.40E-139	CA2
	1.37E-143	1.71316284	0.715	0.317	3.88E-139	CA2
	1.07E-148	1.72108866	0.767	0.362	3.02E-144	CA2
	3.90E-149	1.71915323	0.868	0.499	1.10E-144	CA2

	3.09E-150	1.79156184	0.745	0.355	8.74E-146	CA2
	3.19E-151	1.84549542	0.832	0.489	9.03E-147	CA2
	1.43E-151	1.70861248	0.847	0.537	4.05E-147	CA2
	4.24E-152	1.68805112	0.814	0.386	1.20E-147	CA2
	3.81E-152	2.28728512	0.829	0.466	1.08E-147	CA2
	6.71E-153	1.7601024	0.745	0.337	1.90E-148	CA2
	1.84E-154	1.7906704	0.842	0.529	5.22E-150	CA2
	2.28E-155	1.73759128	0.778	0.355	6.45E-151	CA2
	1.51E-157	2.05653168	0.788	0.399	4.28E-153	CA2
	7.31E-158	1.85047475	0.814	0.465	2.07E-153	CA2
	2.46E-158	1.74042375	0.838	0.463	6.95E-154	CA2
	1.55E-158	1.70664766	0.888	0.595	4.39E-154	CA2
	5.19E-159	1.91135952	0.758	0.361	1.47E-154	CA2
	1.42E-159	1.88116182	0.821	0.453	4.01E-155	CA2
	4.76E-160	1.85703814	0.769	0.342	1.35E-155	CA2
	2.40E-161	1.94880609	0.79	0.399	6.78E-157	CA2
	3.12E-162	1.7158143	0.888	0.566	8.83E-158	CA2
	2.65E-165	1.72953872	0.821	0.389	7.51E-161	CA2
	6.22E-169	1.83268094	0.86	0.515	1.76E-164	CA2
	1.61E-169	1.92934383	0.842	0.464	4.57E-165	CA2
	4.36E-171	1.93820366	0.784	0.366	1.23E-166	CA2
	1.28E-172	2.08319444	0.892	0.582	3.62E-168	CA2
	7.06E-175	1.83057733	0.901	0.607	2.00E-170	CA2
	2.83E-177	1.73302997	0.924	0.677	8.02E-173	CA2
	2.59E-177	1.89080911	0.901	0.59	7.33E-173	CA2
	4.61E-180	2.03709265	0.836	0.421	1.30E-175	CA2
	1.08E-180	2.00280955	0.778	0.337	3.05E-176	CA2
	8.97E-182	1.80880148	0.924	0.646	2.54E-177	CA2
	3.33E-182	1.99101118	0.847	0.436	9.42E-178	CA2
	3.08E-182	1.9483305	0.89	0.531	8.72E-178	CA2
	2.66E-182	2.12177865	0.821	0.388	7.54E-178	CA2
	3.36E-185	1.71444644	0.978	0.789	9.52E-181	CA2
	4.35E-186	1.75249948	0.914	0.491	1.23E-181	CA2
	1.54E-186	1.79942674	0.924	0.528	4.36E-182	CA2
	1.65E-187	1.84056754	0.933	0.664	4.66E-183	CA2
	1.61E-188	2.02890196	0.898	0.428	4.56E-184	CA2
	3.09E-190	1.71091168	0.961	0.814	8.76E-186	CA2
	5.33E-192	1.85069424	0.946	0.689	1.51E-187	CA2
	3.42E-192	2.02075702	0.875	0.475	9.67E-188	CA2
	3.37E-193	1.84707864	0.827	0.342	9.54E-189	CA2
	2.23E-193	2.33123801	0.86	0.473	6.30E-189	CA2

	9.06E-194	1.94700733	0.903	0.495	2.57E-189	CA2
	1.33E-194	2.05391755	0.935	0.663	3.77E-190	CA2
	4.44E-196	2.079097	0.898	0.534	1.26E-191	CA2
	4.12E-196	2.20534492	0.847	0.381	1.17E-191	CA2
	1.16E-196	1.88313024	0.959	0.692	3.28E-192	CA2
	1.41E-197	1.93525089	0.935	0.649	4.00E-193	CA2
	6.52E-200	2.02577965	0.896	0.47	1.84E-195	CA2
	1.94E-201	1.92698594	0.944	0.587	5.49E-197	CA2
	6.92E-204	2.07920913	0.879	0.445	1.96E-199	CA2
	3.51E-204	2.08809539	0.832	0.343	9.93E-200	CA2
	3.95E-206	2.11192846	0.937	0.568	1.12E-201	CA2
	9.91E-207	2.15549552	0.927	0.519	2.80E-202	CA2
	3.19E-207	2.20053923	0.942	0.518	9.04E-203	CA2
	1.80E-212	2.0175832	0.963	0.613	5.10E-208	CA2
	9.85E-220	2.00055273	0.916	0.42	2.79E-215	CA2
	3.20E-222	2.15624992	0.898	0.416	9.05E-218	CA2
	9.09E-225	2.29666032	0.933	0.522	2.57E-220	CA2
	2.43E-227	2.19121806	0.927	0.459	6.88E-223	CA2
	4.87E-228	2.27664942	0.909	0.436	1.38E-223	CA2
	8.63E-229	2.11791835	0.965	0.587	2.44E-224	CA2
	1.39E-229	2.12453103	0.976	0.664	3.92E-225	CA2
	2.81E-232	2.37507304	0.905	0.425	7.95E-228	CA2
	8.87E-236	2.34196783	0.89	0.369	2.51E-231	CA2
	1.98E-236	2.20469987	0.981	0.635	5.61E-232	CA2
	2.20E-237	2.20936817	0.972	0.627	6.23E-233	CA2
	3.81E-242	2.17448229	0.991	0.71	1.08E-237	CA2
	2.50E-244	2.4579765	0.985	0.732	7.07E-240	CA2
	8.25E-246	2.4403174	0.968	0.569	2.33E-241	CA2
	7.50E-246	2.40797609	0.927	0.446	2.12E-241	CA2
	2.65E-249	2.4795107	0.994	0.826	7.49E-245	CA2
	4.36E-251	2.32003852	0.929	0.425	1.23E-246	CA2
	1.22E-261	2.58748519	0.974	0.531	3.46E-257	CA2
	3.48E-262	2.61263716	0.944	0.42	9.85E-258	CA2
	2.74E-266	2.45340814	0.978	0.495	7.75E-262	CA2
	5.02E-273	2.32954869	0.713	0.172	1.42E-268	CA2
	4.22E-298	2.51445502	0.756	0.181	1.19E-293	CA2
	1.53E-10	1.11004991	0.564	0.687	4.33E-06	CA3
	4.23E-11	1.05533519	0.478	0.573	1.20E-06	CA3
	3.04E-13	0.94539937	0.58	0.6	8.60E-09	CA3
	5.04E-14	0.94885309	0.513	0.517	1.43E-09	CA3
	7.84E-15	0.99481867	0.552	0.53	2.22E-10	CA3

	6.09E-15	1.11052757	0.502	0.529	1.72E-10	CA3
	1.02E-15	1.18301274	0.684	0.794	2.89E-11	CA3
	2.84E-20	1.0846097	0.472	0.526	8.03E-16	CA3
	3.84E-23	0.92831639	0.564	0.577	1.09E-18	CA3
	2.65E-24	0.92120231	0.495	0.514	7.49E-20	CA3
	6.05E-25	1.0394662	0.514	0.482	1.71E-20	CA3
	4.30E-25	1.0109896	0.723	0.655	1.22E-20	CA3
	5.31E-28	1.07799357	0.542	0.594	1.50E-23	CA3
	2.58E-29	1.16544725	0.437	0.452	7.31E-25	CA3
	1.03E-30	1.01339182	0.614	0.558	2.91E-26	CA3
	2.45E-34	1.08463256	0.651	0.554	6.94E-30	CA3
	2.36E-34	1.01843002	0.555	0.523	6.67E-30	CA3
	2.67E-37	1.06237827	0.423	0.389	7.56E-33	CA3
	5.20E-38	1.27015861	0.591	0.581	1.47E-33	CA3
	1.85E-40	0.98203776	0.69	0.631	5.23E-36	CA3
	2.60E-45	1.08125488	0.6	0.569	7.37E-41	CA3
	3.52E-49	1.29630275	0.534	0.518	9.95E-45	CA3
	1.10E-51	1.25193505	0.623	0.598	3.11E-47	CA3
	2.33E-54	1.60660442	0.605	0.588	6.59E-50	CA3
	4.96E-56	1.02633714	0.546	0.498	1.40E-51	CA3
	1.98E-61	0.92112864	0.699	0.582	5.60E-57	CA3
	1.37E-63	1.19878961	0.556	0.488	3.88E-59	CA3
	1.89E-64	0.98430515	0.662	0.603	5.34E-60	CA3
	7.12E-65	1.13078596	0.574	0.495	2.02E-60	CA3
	8.67E-67	1.43034606	0.687	0.728	2.45E-62	CA3
	6.64E-67	1.05051456	0.809	0.833	1.88E-62	CA3
	3.46E-75	0.93434039	0.628	0.554	9.81E-71	CA3
	2.20E-75	1.18643858	0.6	0.497	6.22E-71	CA3
	3.75E-78	0.94202311	0.478	0.375	1.06E-73	CA3
	1.51E-78	0.93870434	0.458	0.346	4.29E-74	CA3
	1.45E-78	1.51938336	0.564	0.545	4.10E-74	CA3
	1.26E-78	0.96618972	0.454	0.346	3.58E-74	CA3
	1.12E-78	1.23858711	0.518	0.481	3.18E-74	CA3
	2.62E-79	1.02932626	0.743	0.599	7.40E-75	CA3
	1.27E-82	1.82537165	0.523	0.481	3.59E-78	CA3
	3.79E-86	0.9832872	0.69	0.572	1.07E-81	CA3
	1.01E-86	1.27076565	0.684	0.616	2.85E-82	CA3
	4.40E-87	1.16096988	0.565	0.504	1.25E-82	CA3
	1.83E-88	1.05412064	0.44	0.312	5.19E-84	CA3
	3.48E-99	1.27076457	0.571	0.48	9.86E-95	CA3
	2.57E-106	1.68128819	0.395	0.283	7.27E-102	CA3

	2.35E-109	1.31646356	0.532	0.479	6.65E-105	CA3
	2.14E-113	0.99745566	0.577	0.45	6.05E-109	CA3
	9.91E-121	1.24490613	0.562	0.464	2.80E-116	CA3
	9.06E-121	1.16673194	0.485	0.31	2.56E-116	CA3
	5.16E-123	1.05868277	0.694	0.607	1.46E-118	CA3
	1.82E-124	1.31382422	0.43	0.3	5.15E-120	CA3
	3.80E-127	0.9520485	0.71	0.62	1.07E-122	CA3
	3.58E-128	1.32671152	0.835	0.79	1.01E-123	CA3
	6.15E-130	1.11713473	0.684	0.541	1.74E-125	CA3
	1.58E-134	1.44371635	0.587	0.49	4.46E-130	CA3
	1.35E-134	1.71441586	0.615	0.536	3.82E-130	CA3
	2.01E-138	1.66799876	0.516	0.37	5.68E-134	CA3
	5.80E-141	1.07072844	0.937	0.789	1.64E-136	CA3
	1.27E-141	0.92457711	0.46	0.293	3.59E-137	CA3
	1.20E-143	1.28126857	0.524	0.349	3.40E-139	CA3
	2.69E-145	1.03510494	0.717	0.662	7.62E-141	CA3
	2.33E-145	1.16609642	0.748	0.572	6.60E-141	CA3
	6.18E-148	1.13424427	0.651	0.505	1.75E-143	CA3
	5.09E-148	0.9803418	0.491	0.32	1.44E-143	CA3
	4.41E-148	1.08471598	0.59	0.454	1.25E-143	CA3
	1.36E-148	1.03660029	0.495	0.322	3.85E-144	CA3
	1.03E-149	1.72814712	0.67	0.61	2.92E-145	CA3
	4.84E-156	1.15994591	0.647	0.517	1.37E-151	CA3
	2.30E-158	1.36810919	0.583	0.496	6.51E-154	CA3
	8.59E-169	1.01860928	0.553	0.398	2.43E-164	CA3
	6.95E-169	1.6092118	0.429	0.234	1.97E-164	CA3
	1.67E-170	1.0522195	0.328	0.144	4.74E-166	CA3
	1.99E-176	0.94138947	0.498	0.301	5.62E-172	CA3
	1.03E-201	0.96720727	0.348	0.141	2.90E-197	CA3
	2.20E-222	1.36447702	0.704	0.554	6.23E-218	CA3
	1.16E-223	1.50322708	0.71	0.594	3.29E-219	CA3
	1.97E-226	2.20687536	0.704	0.656	5.58E-222	CA3
	7.91E-231	1.03947844	0.848	0.694	2.24E-226	CA3
	2.26E-239	1.17263769	0.507	0.285	6.40E-235	CA3
	7.88E-255	2.22670246	0.559	0.392	2.23E-250	CA3
	9.89E-256	1.34976687	0.379	0.153	2.80E-251	CA3
	4.45E-256	2.15529908	0.662	0.489	1.26E-251	CA3
	1.45E-271	1.05546897	0.366	0.141	4.12E-267	CA3
	9.25E-290	1.30872896	0.67	0.511	2.62E-285	CA3
	4.51E-302	1.70331235	0.575	0.306	1.28E-297	CA3
	0	2.52023324	0.733	0.49	0	CA3

	0	1.85465473	0.857	0.643	0	CA3
	0	1.56715237	0.848	0.628	0	CA3
	0	1.5348122	0.341	0.081	0	CA3
	0	1.4284421	0.429	0.112	0	CA3
	0	1.37078523	0.67	0.5	0	CA3
	0	1.24945949	0.732	0.526	0	CA3
	0	0.96532735	0.291	0.071	0	CA3
	0	0.92358809	0.236	0.036	0	CA3
	3.52E-26	2.45295304	0.629	0.384	9.98E-22	Endothelial
	9.15E-27	2.19615739	0.657	0.418	2.59E-22	Endothelial
	1.70E-29	2.31289032	0.807	0.599	4.82E-25	Endothelial
	2.11E-31	2.18600994	0.336	0.083	5.98E-27	Endothelial
	4.88E-39	2.30396179	0.621	0.236	1.38E-34	Endothelial
	1.01E-39	2.37263435	0.65	0.289	2.86E-35	Endothelial
	6.67E-40	2.46989503	0.807	0.575	1.89E-35	Endothelial
	3.57E-40	2.15028715	0.814	0.523	1.01E-35	Endothelial
	1.97E-41	2.26227145	0.571	0.199	5.57E-37	Endothelial
	1.69E-43	2.25780094	0.779	0.384	4.78E-39	Endothelial
	1.28E-43	2.23884029	0.814	0.518	3.62E-39	Endothelial
	6.42E-44	2.96316967	0.8	0.515	1.82E-39	Endothelial
	7.84E-45	2.29929756	0.864	0.723	2.22E-40	Endothelial
	6.99E-45	2.31475133	0.864	0.689	1.98E-40	Endothelial
	5.88E-45	2.5845105	0.807	0.519	1.66E-40	Endothelial
	2.27E-45	2.13624482	0.814	0.498	6.41E-41	Endothelial
	5.77E-48	2.33828092	0.857	0.677	1.63E-43	Endothelial
	8.99E-51	2.95304483	0.721	0.325	2.54E-46	Endothelial
	4.84E-51	2.89833627	0.836	0.51	1.37E-46	Endothelial
	1.84E-51	2.64332532	0.879	0.66	5.21E-47	Endothelial
	1.03E-54	2.48154027	0.857	0.548	2.92E-50	Endothelial
	1.64E-55	2.33629738	0.807	0.348	4.64E-51	Endothelial
	1.85E-56	2.27605997	0.914	0.511	5.23E-52	Endothelial
	4.38E-61	2.30357841	0.693	0.23	1.24E-56	Endothelial
	5.48E-62	2.68035317	0.914	0.617	1.55E-57	Endothelial
	5.96E-63	2.71809478	0.836	0.414	1.69E-58	Endothelial
	1.52E-65	2.19376172	0.557	0.128	4.29E-61	Endothelial
	9.26E-67	2.41170723	0.943	0.683	2.62E-62	Endothelial
	7.37E-67	3.02642335	0.829	0.374	2.09E-62	Endothelial
	9.95E-68	2.20795636	0.729	0.24	2.82E-63	Endothelial
	2.52E-68	2.13676499	0.664	0.18	7.14E-64	Endothelial
	1.07E-69	2.32440661	0.607	0.137	3.04E-65	Endothelial
	7.35E-75	2.18221686	0.886	0.332	2.08E-70	Endothelial

	1.23E-77	2.99261735	0.779	0.25	3.49E-73	Endothelial
	1.65E-78	2.83361615	0.786	0.27	4.67E-74	Endothelial
	1.54E-80	2.22725677	0.75	0.208	4.35E-76	Endothelial
	7.34E-81	2.41703708	0.643	0.148	2.08E-76	Endothelial
	1.13E-102	2.22908982	0.714	0.144	3.21E-98	Endothelial
	2.05E-103	2.35136802	0.521	0.069	5.80E-99	Endothelial
	1.13E-103	4.01517174	0.836	0.232	3.20E-99	Endothelial
	4.70E-110	2.91018006	0.757	0.162	1.33E-105	Endothelial
	1.58E-113	2.45683396	0.714	0.128	4.46E-109	Endothelial
	6.16E-116	2.20327149	0.636	0.099	1.74E-111	Endothelial
	7.06E-122	3.02676449	0.871	0.203	2.00E-117	Endothelial
	4.24E-122	2.32498281	0.771	0.151	1.20E-117	Endothelial
	2.66E-124	4.08181527	0.864	0.207	7.54E-120	Endothelial
	1.69E-125	2.13371016	0.671	0.105	4.78E-121	Endothelial
	4.82E-127	2.17344529	0.671	0.102	1.36E-122	Endothelial
	5.80E-131	2.29466081	0.793	0.14	1.64E-126	Endothelial
	1.50E-138	3.11062723	0.779	0.133	4.24E-134	Endothelial
	7.54E-139	2.40994943	0.643	0.084	2.13E-134	Endothelial
	3.78E-148	2.51556511	0.679	0.091	1.07E-143	Endothelial
	9.71E-154	3.19170354	0.786	0.123	2.75E-149	Endothelial
	3.22E-155	2.82221598	0.836	0.142	9.10E-151	Endothelial
	5.79E-156	2.37124078	0.679	0.086	1.64E-151	Endothelial
	1.57E-157	2.81708697	0.857	0.151	4.45E-153	Endothelial
	5.74E-161	2.58301586	0.693	0.085	1.63E-156	Endothelial
	4.61E-166	2.52317808	0.75	0.102	1.30E-161	Endothelial
	6.43E-168	4.85233846	0.879	0.153	1.82E-163	Endothelial
	2.50E-181	2.73435652	0.514	0.04	7.07E-177	Endothelial
	5.57E-183	2.23604875	0.429	0.026	1.58E-178	Endothelial
	6.26E-191	3.15533223	0.821	0.111	1.77E-186	Endothelial
	2.20E-208	2.1933758	0.743	0.075	6.22E-204	Endothelial
	1.78E-209	4.35575754	0.886	0.12	5.03E-205	Endothelial
	8.93E-216	2.66870176	0.671	0.06	2.53E-211	Endothelial
	2.98E-230	2.47539966	0.707	0.059	8.44E-226	Endothelial
	4.09E-248	3.32402223	0.779	0.071	1.16E-243	Endothelial
	3.71E-249	2.87831928	0.707	0.056	1.05E-244	Endothelial
	1.28E-249	3.07186063	0.8	0.074	3.61E-245	Endothelial
	1.22E-251	2.17247835	0.686	0.05	3.45E-247	Endothelial
	9.54E-284	3.27296729	0.736	0.054	2.70E-279	Endothelial
	9.21E-294	2.14459972	0.65	0.039	2.61E-289	Endothelial
	1.50E-297	3.99508557	0.857	0.073	4.24E-293	Endothelial
	4.37E-300	3.0423457	0.836	0.066	1.24E-295	Endothelial

	1.54E-301	2.88146972	0.757	0.054	4.35E-297	Endothelial
	1.01E-302	3.97583201	0.8	0.062	2.87E-298	Endothelial
	0	5.58463369	0.936	0.015	0	Endothelial
	0	4.66047592	0.85	0.056	0	Endothelial
	0	4.24790204	0.907	0.007	0	Endothelial
	0	4.23843186	0.886	0.025	0	Endothelial
	0	4.09468397	0.893	0.044	0	Endothelial
	0	3.50122674	0.721	0.029	0	Endothelial
	0	3.25522368	0.779	0.052	0	Endothelial
	0	3.13410437	0.843	0.016	0	Endothelial
	0	2.88885776	0.8	0.027	0	Endothelial
	0	2.86696918	0.643	0.028	0	Endothelial
	0	2.86281071	0.779	0.009	0	Endothelial
	0	2.79568504	0.629	0.018	0	Endothelial
	0	2.78340438	0.679	0.004	0	Endothelial
	0	2.75681879	0.757	0.01	0	Endothelial
	0	2.71033019	0.814	0.05	0	Endothelial
	0	2.70991262	0.779	0.004	0	Endothelial
	0	2.67934437	0.743	0.005	0	Endothelial
	0	2.61465453	0.729	0.036	0	Endothelial
	0	2.54814568	0.664	0.028	0	Endothelial
	0	2.47406554	0.55	0.006	0	Endothelial
	0	2.45589066	0.579	0.014	0	Endothelial
	0	2.36523122	0.593	0.003	0	Endothelial
	0	2.35147318	0.686	0.022	0	Endothelial
	0	2.26743881	0.586	0.017	0	Endothelial
	1.08E-07	2.19478768	0.35	0.069	0.00305172	Ependymal
	4.83E-08	2.72644748	0.8	0.507	0.0013678	Ependymal
	1.60E-09	2.59442516	0.85	0.481	4.53E-05	Ependymal
	1.01E-10	2.24910154	0.9	0.505	2.87E-06	Ependymal
	7.06E-11	2.72805571	0.95	0.525	2.00E-06	Ependymal
	2.71E-11	2.28246708	0.9	0.447	7.68E-07	Ependymal
	2.34E-11	2.65024758	0.8	0.317	6.62E-07	Ependymal
	4.49E-12	2.17536275	0.95	0.475	1.27E-07	Ependymal
	3.93E-12	2.22943491	0.8	0.286	1.11E-07	Ependymal
	3.62E-12	2.97214803	0.9	0.443	1.02E-07	Ependymal
	2.32E-12	2.41797495	0.95	0.488	6.55E-08	Ependymal
	1.06E-12	2.26704699	0.95	0.461	3.01E-08	Ependymal
	4.57E-13	3.10271771	0.95	0.575	1.29E-08	Ependymal
	7.42E-14	3.00619147	0.9	0.37	2.10E-09	Ependymal
	2.55E-14	2.80808565	0.95	0.457	7.21E-10	Ependymal

	1.58E-14	2.29683044	0.85	0.28	4.48E-10	Ependymal
	9.03E-15	2.3258129	1	0.461	2.56E-10	Ependymal
	6.68E-15	3.53413384	0.9	0.347	1.89E-10	Ependymal
	5.20E-15	2.12751259	0.8	0.227	1.47E-10	Ependymal
	3.95E-15	3.18662206	0.9	0.34	1.12E-10	Ependymal
	3.03E-15	2.45569424	1	0.42	8.59E-11	Ependymal
	1.69E-15	2.4984021	0.9	0.304	4.78E-11	Ependymal
	8.47E-16	2.88550201	0.9	0.312	2.40E-11	Ependymal
	7.57E-16	4.08774994	0.95	0.345	2.14E-11	Ependymal
	1.72E-16	2.36035526	0.75	0.167	4.87E-12	Ependymal
	1.71E-16	2.90855284	0.8	0.207	4.84E-12	Ependymal
	1.46E-16	2.94410084	0.95	0.343	4.12E-12	Ependymal
	5.98E-17	2.33473169	0.8	0.198	1.69E-12	Ependymal
	4.23E-17	2.64804754	0.7	0.133	1.20E-12	Ependymal
	3.86E-17	2.38414337	0.95	0.279	1.09E-12	Ependymal
	7.46E-18	2.75440881	1	0.355	2.11E-13	Ependymal
	2.78E-18	2.84238684	0.95	0.301	7.86E-14	Ependymal
	9.65E-19	2.55532611	0.95	0.279	2.73E-14	Ependymal
	8.04E-19	2.48952568	0.75	0.148	2.28E-14	Ependymal
	7.11E-20	3.65633195	0.85	0.195	2.01E-15	Ependymal
	2.04E-20	3.34872663	0.8	0.16	5.79E-16	Ependymal
	2.03E-20	2.27267513	0.75	0.132	5.75E-16	Ependymal
	2.01E-20	2.72765896	0.95	0.258	5.69E-16	Ependymal
	1.14E-20	2.37509027	0.9	0.212	3.23E-16	Ependymal
	3.81E-21	2.63809423	1	0.241	1.08E-16	Ependymal
	4.54E-22	4.42370983	1	0.28	1.29E-17	Ependymal
	3.02E-22	3.14161007	0.8	0.145	8.54E-18	Ependymal
	2.28E-22	2.29852037	0.85	0.165	6.45E-18	Ependymal
	1.83E-22	2.25200693	0.9	0.195	5.18E-18	Ependymal
	5.83E-23	3.33132076	0.95	0.218	1.65E-18	Ependymal
	1.29E-23	2.87494328	0.85	0.152	3.66E-19	Ependymal
	6.06E-24	2.20838456	0.8	0.132	1.71E-19	Ependymal
	3.40E-24	2.58885639	0.85	0.151	9.64E-20	Ependymal
	1.17E-24	4.12637918	0.95	0.203	3.32E-20	Ependymal
	5.15E-25	2.52685016	0.8	0.125	1.46E-20	Ependymal
	4.74E-26	2.75667997	0.9	0.16	1.34E-21	Ependymal
	1.03E-27	4.00845307	0.8	0.111	2.91E-23	Ependymal
	1.20E-29	2.67837486	0.9	0.132	3.38E-25	Ependymal
	5.56E-30	4.81962707	0.85	0.118	1.57E-25	Ependymal
	1.37E-30	3.19805798	0.9	0.135	3.89E-26	Ependymal
	1.66E-33	2.25040021	0.9	0.116	4.70E-29	Ependymal

	7.31E-34	2.4330631	1	0.14	2.07E-29	Ependymal
	1.48E-35	3.02355263	0.9	0.108	4.20E-31	Ependymal
	7.85E-36	3.32674084	1	0.136	2.22E-31	Ependymal
	5.86E-36	2.29634	0.75	0.073	1.66E-31	Ependymal
	8.04E-37	2.48435963	0.75	0.069	2.27E-32	Ependymal
	2.67E-37	2.24528694	0.85	0.091	7.57E-33	Ependymal
	1.45E-37	2.6579743	0.9	0.105	4.09E-33	Ependymal
	6.23E-38	2.60739902	0.9	0.104	1.76E-33	Ependymal
	9.10E-39	2.68899298	0.95	0.11	2.58E-34	Ependymal
	2.43E-39	3.13862651	0.95	0.109	6.88E-35	Ependymal
	1.90E-39	2.2856237	0.8	0.075	5.37E-35	Ependymal
	5.75E-40	2.98921131	0.9	0.099	1.63E-35	Ependymal
	5.24E-40	2.18603518	1	0.109	1.48E-35	Ependymal
	1.15E-43	2.91248342	0.95	0.101	3.27E-39	Ependymal
	1.38E-44	3.41151388	0.9	0.086	3.90E-40	Ependymal
	5.50E-45	2.19970359	0.8	0.064	1.56E-40	Ependymal
	6.70E-46	2.48616518	0.85	0.074	1.90E-41	Ependymal
	3.24E-46	2.82505443	0.95	0.093	9.16E-42	Ependymal
	2.48E-50	3.27056358	0.95	0.082	7.01E-46	Ependymal
	7.71E-53	2.24493274	0.9	0.068	2.18E-48	Ependymal
	2.52E-54	3.84695431	0.85	0.061	7.13E-50	Ependymal
	7.09E-56	3.69119847	0.95	0.076	2.01E-51	Ependymal
	1.13E-58	2.90651345	0.9	0.062	3.20E-54	Ependymal
	1.10E-59	3.50084167	0.8	0.048	3.11E-55	Ependymal
	7.84E-60	2.79552797	0.8	0.048	2.22E-55	Ependymal
	7.77E-62	2.81166147	0.75	0.041	2.20E-57	Ependymal
	3.21E-69	2.38600478	0.75	0.036	9.10E-65	Ependymal
	1.58E-74	2.26433483	0.5	0.014	4.48E-70	Ependymal
	6.10E-75	2.55940441	0.8	0.038	1.73E-70	Ependymal
	6.80E-85	3.69584395	0.9	0.043	1.93E-80	Ependymal
	2.19E-87	2.96128439	0.85	0.037	6.21E-83	Ependymal
	5.46E-92	2.42317601	0.65	0.02	1.54E-87	Ependymal
	7.69E-96	2.57015323	0.75	0.026	2.18E-91	Ependymal
	7.47E-105	4.048708	0.85	0.03	2.12E-100	Ependymal
	1.74E-123	2.4605304	0.85	0.025	4.93E-119	Ependymal
	1.32E-128	2.17669216	0.8	0.021	3.73E-124	Ependymal
	2.64E-155	2.3899992	0.85	0.02	7.48E-151	Ependymal
	1.48E-158	2.63145135	0.7	0.013	4.20E-154	Ependymal
	1.53E-160	2.29888419	0.85	0.019	4.33E-156	Ependymal
	5.80E-184	2.37067269	0.75	0.013	1.64E-179	Ependymal
	8.18E-203	3.11756111	0.8	0.013	2.31E-198	Ependymal

	0	3.44890071	0.8	0.007	0	Ependymal
	0	2.21604798	0.85	0.008	0	Ependymal
	0	1.29871899	0.65	0.004	0	Ependymal
	8.44E-56	1.18491395	0.36	0.225	2.39E-51	GABAergic
	6.16E-97	1.18755255	0.409	0.216	1.74E-92	GABAergic
	8.59E-135	1.18399788	0.51	0.25	2.43E-130	GABAergic
	9.90E-139	1.30195412	0.439	0.205	2.80E-134	GABAergic
	4.53E-161	1.45819001	0.801	0.686	1.28E-156	GABAergic
	1.63E-179	1.14833963	0.367	0.132	4.62E-175	GABAergic
	4.29E-180	1.21131239	0.748	0.464	1.21E-175	GABAergic
	7.30E-200	1.3301974	0.671	0.367	2.07E-195	GABAergic
	7.43E-207	1.21884341	0.851	0.523	2.10E-202	GABAergic
	6.28E-220	1.45282809	0.499	0.199	1.78E-215	GABAergic
	7.63E-224	1.13106617	0.683	0.347	2.16E-219	GABAergic
	2.24E-227	1.16711657	0.734	0.411	6.34E-223	GABAergic
	3.43E-234	1.38920911	0.887	0.629	9.72E-230	GABAergic
	7.48E-246	2.34035066	0.388	0.119	2.12E-241	GABAergic
	7.77E-263	1.34418334	0.732	0.394	2.20E-258	GABAergic
	7.21E-275	3.2406199	0.668	0.426	2.04E-270	GABAergic
	1.43E-277	1.8794938	0.694	0.376	4.06E-273	GABAergic
	2.00E-286	1.50385822	0.859	0.493	5.67E-282	GABAergic
	8.69E-288	1.7036519	0.639	0.251	2.46E-283	GABAergic
	2.17E-288	1.17156253	0.217	0.031	6.14E-284	GABAergic
	8.60E-292	1.16214695	0.931	0.636	2.44E-287	GABAergic
	7.17E-296	1.38594266	0.553	0.209	2.03E-291	GABAergic
	1.17E-301	1.69971729	0.674	0.314	3.31E-297	GABAergic
	0	3.47759295	0.897	0.195	0	GABAergic
	0	3.22055967	0.942	0.451	0	GABAergic
	0	3.15875572	0.789	0.164	0	GABAergic
	0	3.03703308	0.747	0.182	0	GABAergic
	0	2.95951561	0.678	0.079	0	GABAergic
	0	2.89872585	0.737	0.103	0	GABAergic
	0	2.80252941	0.922	0.516	0	GABAergic
	0	2.55148699	0.851	0.032	0	GABAergic
	0	2.43751694	0.602	0.166	0	GABAergic
	0	2.34808706	0.926	0.384	0	GABAergic
	0	2.31280555	0.873	0.442	0	GABAergic
	0	2.28166914	0.8	0.013	0	GABAergic
	0	2.21759323	0.699	0.362	0	GABAergic
	0	2.17205308	0.655	0.231	0	GABAergic
	0	2.16214122	0.85	0.167	0	GABAergic

	0	2.07717672	0.913	0.31	0	GABAergic
	0	1.99342614	0.946	0.714	0	GABAergic
	0	1.9906398	0.977	0.781	0	GABAergic
	0	1.95972577	0.852	0.413	0	GABAergic
	0	1.87516792	0.839	0.339	0	GABAergic
	0	1.86682605	0.927	0.431	0	GABAergic
	0	1.83856149	0.356	0.034	0	GABAergic
	0	1.83833896	0.685	0.168	0	GABAergic
	0	1.7724103	0.836	0.312	0	GABAergic
	0	1.74973912	0.647	0.073	0	GABAergic
	0	1.73429236	0.942	0.606	0	GABAergic
	0	1.73068033	0.869	0.301	0	GABAergic
	0	1.72442209	0.356	0.058	0	GABAergic
	0	1.71525532	0.778	0.157	0	GABAergic
	0	1.69706266	0.848	0.216	0	GABAergic
	0	1.6948924	0.711	0.335	0	GABAergic
	0	1.6875739	0.855	0.491	0	GABAergic
	0	1.68163402	0.781	0.089	0	GABAergic
	0	1.68047433	0.898	0.548	0	GABAergic
	0	1.6792732	0.578	0.151	0	GABAergic
	0	1.67832982	0.913	0.435	0	GABAergic
	0	1.6709591	0.806	0.189	0	GABAergic
	0	1.66712016	0.627	0.29	0	GABAergic
	0	1.66680601	0.731	0.338	0	GABAergic
	0	1.63537475	0.706	0.038	0	GABAergic
	0	1.576497	0.966	0.632	0	GABAergic
	0	1.54036249	0.784	0.278	0	GABAergic
	0	1.52264438	0.705	0.207	0	GABAergic
	0	1.52127665	0.736	0.185	0	GABAergic
	0	1.51293744	0.837	0.177	0	GABAergic
	0	1.45095057	0.732	0.133	0	GABAergic
	0	1.44913952	0.273	0.021	0	GABAergic
	0	1.44355738	0.808	0.215	0	GABAergic
	0	1.4369056	0.954	0.554	0	GABAergic
	0	1.42280517	0.566	0.134	0	GABAergic
	0	1.41977851	0.671	0.224	0	GABAergic
	0	1.39756663	0.892	0.539	0	GABAergic
	0	1.38976757	0.453	0.126	0	GABAergic
	0	1.38893371	0.636	0.224	0	GABAergic
	0	1.37740616	0.925	0.508	0	GABAergic
	0	1.37625859	0.904	0.496	0	GABAergic

	0	1.37588124	0.88	0.462	0	GABAergic
	0	1.37249709	0.724	0.145	0	GABAergic
	0	1.34331503	0.936	0.473	0	GABAergic
	0	1.33410599	0.855	0.496	0	GABAergic
	0	1.32846551	0.728	0.04	0	GABAergic
	0	1.31018044	0.929	0.677	0	GABAergic
	0	1.30939256	0.872	0.388	0	GABAergic
	0	1.3015819	0.986	0.818	0	GABAergic
	0	1.29139078	0.793	0.28	0	GABAergic
	0	1.28978892	0.494	0.15	0	GABAergic
	0	1.27372525	0.693	0.065	0	GABAergic
	0	1.27013648	0.93	0.52	0	GABAergic
	0	1.26199377	0.715	0.313	0	GABAergic
	0	1.25041147	0.872	0.479	0	GABAergic
	0	1.24335075	0.598	0.179	0	GABAergic
	0	1.21567097	0.793	0.216	0	GABAergic
	0	1.20833158	0.811	0.388	0	GABAergic
	0	1.20630852	0.739	0.139	0	GABAergic
	0	1.18234871	0.472	0.111	0	GABAergic
	0	1.11543401	0.784	0.295	0	GABAergic
	0	1.11227585	0.808	0.361	0	GABAergic
	0	2.51208552	0.979	0.747	0	Granule cell
	0	2.50511169	0.931	0.273	0	Granule cell
	0	2.34767951	0.784	0.164	0	Granule cell
	0	2.33610614	0.943	0.29	0	Granule cell
	0	2.33145739	0.947	0.394	0	Granule cell
	0	2.30727012	0.981	0.427	0	Granule cell
	0	2.27527343	0.924	0.199	0	Granule cell
	0	2.22223251	0.985	0.756	0	Granule cell
	0	2.18978044	0.899	0.27	0	Granule cell
	0	2.16237108	0.958	0.29	0	Granule cell
	0	2.13970913	0.978	0.343	0	Granule cell
	0	2.13008187	0.992	0.579	0	Granule cell
	0	2.07617326	0.982	0.39	0	Granule cell
	0	2.03929069	0.978	0.472	0	Granule cell
	0	2.03795199	0.948	0.329	0	Granule cell
	0	2.02004813	0.87	0.19	0	Granule cell
	0	2.0038608	0.9	0.141	0	Granule cell
	0	1.99519612	0.869	0.115	0	Granule cell
	0	1.95392975	0.983	0.543	0	Granule cell
	0	1.95074945	0.992	0.505	0	Granule cell

	0	1.9160295	0.913	0.239	0	Granule cell
	0	1.9130874	0.957	0.353	0	Granule cell
	0	1.89203218	0.964	0.601	0	Granule cell
	0	1.89096236	0.926	0.234	0	Granule cell
	0	1.88615205	0.946	0.365	0	Granule cell
	0	1.88319493	0.962	0.685	0	Granule cell
	0	1.86765863	0.902	0.246	0	Granule cell
	0	1.8622463	0.945	0.349	0	Granule cell
	0	1.84729419	0.967	0.416	0	Granule cell
	0	1.78653253	0.751	0.071	0	Granule cell
	0	1.78312937	0.943	0.333	0	Granule cell
	0	1.76700856	0.931	0.288	0	Granule cell
	0	1.76368974	0.969	0.603	0	Granule cell
	0	1.69539664	0.963	0.563	0	Granule cell
	0	1.68622921	0.987	0.506	0	Granule cell
	0	1.68539622	0.966	0.428	0	Granule cell
	0	1.67351971	0.965	0.493	0	Granule cell
	0	1.67290681	0.803	0.055	0	Granule cell
	0	1.66962221	0.874	0.192	0	Granule cell
	0	1.65996888	0.982	0.555	0	Granule cell
	0	1.65982135	0.986	0.438	0	Granule cell
	0	1.64116851	0.936	0.376	0	Granule cell
	0	1.62288788	0.948	0.443	0	Granule cell
	0	1.6173814	0.961	0.467	0	Granule cell
	0	1.61544307	0.945	0.341	0	Granule cell
	0	1.60694987	0.932	0.277	0	Granule cell
	0	1.60684392	0.912	0.306	0	Granule cell
	0	1.60595422	0.991	0.775	0	Granule cell
	0	1.60413878	0.909	0.284	0	Granule cell
	0	1.58900918	0.985	0.745	0	Granule cell
	0	1.58117422	0.482	0.107	0	Granule cell
	0	1.5772395	0.979	0.661	0	Granule cell
	0	1.57650897	0.997	0.495	0	Granule cell
	0	1.57005408	0.994	0.699	0	Granule cell
	0	1.56546783	0.975	0.652	0	Granule cell
	0	1.56314523	0.939	0.29	0	Granule cell
	0	1.55649779	0.945	0.355	0	Granule cell
	0	1.54148112	0.985	0.456	0	Granule cell
	0	1.50800258	0.943	0.419	0	Granule cell
	0	1.50106327	0.995	0.524	0	Granule cell
	0	1.48900227	0.956	0.418	0	Granule cell

	0	1.48836372	0.931	0.395	0	Granule cell
	0	1.4788343	0.966	0.364	0	Granule cell
	0	1.47853446	0.851	0.177	0	Granule cell
	0	1.47652677	0.992	0.722	0	Granule cell
	0	1.46837606	0.859	0.141	0	Granule cell
	0	1.46661615	0.943	0.337	0	Granule cell
	0	1.46635089	0.876	0.331	0	Granule cell
	0	1.46417257	0.986	0.403	0	Granule cell
	0	1.46239268	0.99	0.635	0	Granule cell
	0	1.44447532	0.968	0.411	0	Granule cell
	0	1.44126729	0.946	0.35	0	Granule cell
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	0	1.42456487	0.903	0.238	0	Granule cell
	0	1.41753585	0.971	0.486	0	Granule cell
	0	1.39944378	0.982	0.689	0	Granule cell
	0	1.39754094	0.969	0.363	0	Granule cell
	0	1.3905449	0.813	0.225	0	Granule cell
	0	1.38741165	0.939	0.45	0	Granule cell
	0	1.38339114	0.975	0.461	0	Granule cell
	0	1.37813995	0.99	0.5	0	Granule cell
	0	1.36919733	0.961	0.558	0	Granule cell
	0	1.36366803	0.989	0.534	0	Granule cell
	0	1.3630404	0.96	0.397	0	Granule cell
	0	1.35604977	0.987	0.559	0	Granule cell
	0	1.35465677	0.717	0.155	0	Granule cell
	0	1.35461747	0.992	0.584	0	Granule cell
	0	1.34465324	0.945	0.458	0	Granule cell
	0	1.33306477	0.96	0.498	0	Granule cell
	0	1.33223232	0.907	0.381	0	Granule cell
	0	1.3276243	0.988	0.563	0	Granule cell
	0	1.31425573	0.921	0.411	0	Granule cell
	0	1.31388729	0.88	0.225	0	Granule cell
	0	1.30909221	0.975	0.464	0	Granule cell
	0	1.30882067	0.96	0.446	0	Granule cell
	0	1.30775822	0.993	0.709	0	Granule cell
	0	1.29905929	0.877	0.251	0	Granule cell
	0	1.29864234	0.847	0.308	0	Granule cell
	0	1.28991735	0.923	0.366	0	Granule cell
	0	0.45102299	0.739	0.249	0	Granule cell
	0	1.15544383	0.894	0.248	0	Granule cell
	0	1.28307615	0.991	0.452	0	Granule cell

	8.71E-94	2.46726051	0.643	0.635	2.46E-89	Microglia
	4.38E-133	2.35547437	0.558	0.314	1.24E-128	Microglia
	2.60E-281	2.13045138	0.684	0.437	7.37E-277	Microglia
	9.21E-303	2.89884199	0.738	0.528	2.61E-298	Microglia
	8.03E-305	2.18057026	0.688	0.414	2.27E-300	Microglia
	0	4.46457539	0.856	0.027	0	Microglia
	0	4.4115269	0.848	0.186	0	Microglia
	0	4.16274807	0.853	0.243	0	Microglia
	0	4.01292882	0.827	0.089	0	Microglia
	0	3.87827843	0.802	0.019	0	Microglia
	0	3.67368243	0.799	0.041	0	Microglia
	0	3.61624964	0.809	0.019	0	Microglia
	0	3.58798893	0.673	0.017	0	Microglia
	0	3.55133189	0.912	0.67	0	Microglia
	0	3.53928004	0.835	0.279	0	Microglia
	0	3.44925467	0.761	0.139	0	Microglia
	0	3.38420523	0.747	0.026	0	Microglia
	0	3.26343138	0.365	0.011	0	Microglia
	0	3.2400799	0.775	0.025	0	Microglia
	0	3.23923211	0.786	0.254	0	Microglia
	0	3.23032618	0.86	0.33	0	Microglia
	0	3.22276618	0.769	0.061	0	Microglia
	0	3.17627554	0.771	0.038	0	Microglia
	0	3.14651142	0.647	0.028	0	Microglia
	0	3.14396947	0.648	0.037	0	Microglia
	0	3.13501732	0.773	0.126	0	Microglia
	0	3.12240734	0.573	0.015	0	Microglia
	0	3.12229268	0.825	0.542	0	Microglia
	0	3.11047237	0.823	0.488	0	Microglia
	0	3.04691054	0.749	0.014	0	Microglia
	0	3.00449035	0.752	0.323	0	Microglia
	0	2.99584698	0.726	0.011	0	Microglia
	0	2.97753684	0.745	0.244	0	Microglia
	0	2.96173813	0.866	0.332	0	Microglia
	0	2.95530787	0.502	0.136	0	Microglia
	0	2.92038211	0.788	0.402	0	Microglia
	0	2.91256374	0.853	0.672	0	Microglia
	0	2.87231829	0.631	0.089	0	Microglia
	0	2.82059273	0.693	0.011	0	Microglia
	0	2.77381901	0.694	0.11	0	Microglia
	0	2.76817197	0.706	0.256	0	Microglia

	0	2.74988288	0.644	0.033	0	Microglia
	0	2.7373366	0.856	0.654	0	Microglia
	0	2.70098104	0.589	0.065	0	Microglia
	0	2.69205202	0.638	0.024	0	Microglia
	0	2.68948212	0.834	0.554	0	Microglia
	0	2.68214946	0.627	0.031	0	Microglia
	0	2.67540011	0.66	0.072	0	Microglia
	0	2.67169259	0.679	0.014	0	Microglia
	0	2.65903945	0.645	0.011	0	Microglia
	0	2.64817251	0.639	0.305	0	Microglia
	0	2.61268882	0.734	0.243	0	Microglia
	0	2.58412787	0.677	0.22	0	Microglia
	0	2.57462354	0.595	0.054	0	Microglia
	0	2.57245309	0.63	0.012	0	Microglia
	0	2.55830551	0.625	0.032	0	Microglia
	0	2.55607305	0.673	0.016	0	Microglia
	0	2.55188178	0.762	0.295	0	Microglia
	0	2.53131571	0.741	0.419	0	Microglia
	0	2.52492132	0.644	0.032	0	Microglia
	0	2.52238428	0.834	0.472	0	Microglia
	0	2.51155941	0.609	0.158	0	Microglia
	0	2.49802212	0.845	0.507	0	Microglia
	0	2.48519086	0.724	0.291	0	Microglia
	0	2.47877982	0.391	0.017	0	Microglia
	0	2.47630134	0.682	0.302	0	Microglia
	0	2.4690586	0.571	0.089	0	Microglia
	0	2.43812465	0.709	0.281	0	Microglia
	0	2.41550817	0.824	0.558	0	Microglia
	0	2.40083342	0.546	0.157	0	Microglia
	0	2.39971386	0.832	0.646	0	Microglia
	0	2.38749544	0.834	0.68	0	Microglia
	0	2.38547479	0.757	0.424	0	Microglia
	0	2.3808516	0.815	0.601	0	Microglia
	0	2.37785734	0.817	0.643	0	Microglia
	0	2.37419649	0.596	0.007	0	Microglia
	0	2.37222125	0.621	0.268	0	Microglia
	0	2.36795314	0.624	0.028	0	Microglia
	0	2.36106888	0.712	0.379	0	Microglia
	0	2.34999257	0.616	0.023	0	Microglia
	0	2.33703298	0.738	0.346	0	Microglia
	0	2.33512217	0.291	0.049	0	Microglia

	0	2.33256941	0.579	0.023	0	Microglia
	0	2.29553122	0.6	0.093	0	Microglia
	0	2.27595508	0.737	0.485	0	Microglia
	0	2.25442161	0.604	0.193	0	Microglia
	0	2.25180315	0.534	0.104	0	Microglia
	0	2.21687938	0.602	0.074	0	Microglia
	0	2.21660923	0.642	0.119	0	Microglia
	0	2.2112909	0.546	0.013	0	Microglia
	0	2.16519663	0.607	0.121	0	Microglia
	0	2.15453237	0.558	0.018	0	Microglia
	0	2.14868095	0.45	0.029	0	Microglia
	0	2.12025504	0.668	0.339	0	Microglia
	0	2.11529865	0.534	0.01	0	Microglia
	0	2.11011503	0.576	0.028	0	Microglia
	0	2.10073407	0.567	0.038	0	Microglia
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	2.87E-13	0.15820367	0.551	0.344	8.13E-09	NN
	3.44E-19	0.43487521	0.53	0.345	9.74E-15	NN
	1.23E-57	1.43256103	0.971	0.79	3.48E-53	NN
	4.35E-66	0.54690973	0.838	0.423	1.23E-61	NN
	3.25E-68	1.46708613	0.885	0.466	9.21E-64	NN
	4.97E-98	1.78204985	0.721	0.275	1.41E-93	NN
	4.23E-101	1.4600762	0.958	0.533	1.20E-96	NN
	7.88E-109	1.3369022	0.932	0.492	2.23E-104	NN
	1.24E-109	1.48034939	0.906	0.468	3.52E-105	NN
	5.21E-110	1.42108027	0.979	0.629	1.47E-105	NN
	1.58E-115	1.70997671	0.791	0.309	4.47E-111	NN
	8.91E-117	1.31637235	0.943	0.471	2.52E-112	NN
	5.09E-121	1.31006994	0.935	0.462	1.44E-116	NN
	1.18E-121	1.50209357	0.95	0.437	3.34E-117	NN
	8.35E-123	1.63309264	0.966	0.588	2.36E-118	NN
	8.46E-124	1.46623377	0.979	0.595	2.40E-119	NN
	1.28E-124	1.60051586	0.995	0.74	3.64E-120	NN
	4.79E-125	1.41572424	0.979	0.517	1.36E-120	NN
	3.99E-125	1.37225453	0.916	0.446	1.13E-120	NN
	1.52E-125	1.67228207	0.992	0.613	4.30E-121	NN
	3.28E-126	1.43786223	0.922	0.4	9.28E-122	NN
	4.71E-128	1.83619221	0.966	0.571	1.33E-123	NN
	2.05E-129	1.65321374	0.971	0.523	5.80E-125	NN

	3.48E-133	1.33260502	0.919	0.38	9.84E-129	NN
	9.63E-134	1.52470832	0.984	0.681	2.73E-129	NN
	2.27E-136	1.34342413	0.961	0.445	6.43E-132	NN
	3.77E-137	1.42322636	0.977	0.552	1.07E-132	NN
	2.18E-137	1.72775283	0.997	0.711	6.18E-133	NN
	1.46E-137	2.01280425	0.969	0.568	4.13E-133	NN
	3.00E-138	1.3320033	0.932	0.476	8.49E-134	NN
	2.13E-139	1.37600865	0.937	0.436	6.04E-135	NN
	1.67E-140	1.62367108	0.995	0.645	4.72E-136	NN
	1.17E-140	1.68051043	0.932	0.494	3.32E-136	NN
	1.02E-140	1.52459251	0.935	0.429	2.88E-136	NN
	1.12E-141	1.40117971	0.966	0.524	3.16E-137	NN
	5.76E-142	1.39842699	0.99	0.689	1.63E-137	NN
	3.39E-142	0.95762865	0.896	0.32	9.59E-138	NN
	7.64E-143	1.65000683	0.997	0.665	2.16E-138	NN
	1.13E-143	1.33484211	0.937	0.417	3.21E-139	NN
	1.80E-147	1.38444293	0.94	0.462	5.10E-143	NN
	8.35E-148	1.86631094	0.99	0.636	2.36E-143	NN
	5.69E-148	1.43223019	0.977	0.485	1.61E-143	NN
	2.26E-148	1.8523633	0.997	0.826	6.41E-144	NN
	3.01E-149	1.5279481	0.916	0.361	8.51E-145	NN
	2.08E-149	0.55063436	0.608	0.144	5.88E-145	NN
	1.68E-149	1.32885814	0.961	0.456	4.74E-145	NN
	4.89E-150	1.69266995	0.935	0.39	1.39E-145	NN
	1.30E-150	1.68671399	0.977	0.46	3.69E-146	NN
	5.98E-151	1.7180496	0.961	0.488	1.69E-146	NN
	3.10E-151	1.31845022	0.948	0.438	8.78E-147	NN
	1.20E-151	1.55187282	0.924	0.466	3.40E-147	NN
	5.81E-153	1.36072647	0.963	0.426	1.64E-148	NN
	1.26E-153	1.36853878	0.953	0.388	3.56E-149	NN
	8.24E-154	1.67214309	0.99	0.588	2.33E-149	NN
	8.17E-154	1.69084857	0.992	0.528	2.31E-149	NN
	1.19E-154	1.74609437	0.906	0.37	3.38E-150	NN
	4.23E-155	1.50132019	0.911	0.343	1.20E-150	NN
	3.37E-156	1.38965763	0.911	0.347	9.54E-152	NN
	2.12E-156	1.55863954	0.914	0.382	6.00E-152	NN
	5.85E-157	1.72357908	0.971	0.573	1.66E-152	NN
	3.64E-157	1.42787789	0.95	0.452	1.03E-152	NN
	9.06E-158	1.33645871	0.969	0.416	2.56E-153	NN
	2.44E-158	2.06223089	0.997	0.733	6.91E-154	NN
	6.28E-162	1.72998558	0.979	0.505	1.78E-157	NN

	2.67E-163	2.01101971	0.971	0.496	7.57E-159	NN
	2.61E-163	1.62477559	0.992	0.597	7.39E-159	NN
	9.44E-164	1.54108128	0.992	0.626	2.67E-159	NN
	3.28E-164	1.58013823	0.974	0.421	9.27E-160	NN
	2.83E-164	1.33264586	0.911	0.364	8.02E-160	NN
	3.75E-165	1.60538245	0.982	0.469	1.06E-160	NN
	2.72E-166	2.07842682	0.924	0.422	7.69E-162	NN
	1.96E-168	2.05170193	0.992	0.604	5.55E-164	NN
	3.86E-169	1.42012267	0.974	0.459	1.09E-164	NN
	6.59E-170	2.26573663	0.982	0.52	1.86E-165	NN
	2.71E-171	1.62090039	0.997	0.548	7.67E-167	NN
	2.89E-172	1.52365977	0.99	0.495	8.17E-168	NN
	7.16E-174	1.00090461	0.755	0.205	2.03E-169	NN
	3.11E-176	1.77005237	0.945	0.435	8.80E-172	NN
	1.14E-176	1.69081171	0.979	0.446	3.23E-172	NN
	4.54E-180	1.66807085	0.909	0.335	1.29E-175	NN
	4.16E-181	2.21882621	0.977	0.498	1.18E-176	NN
	2.31E-181	1.45409382	0.914	0.305	6.53E-177	NN
	3.62E-183	1.65054768	0.984	0.498	1.03E-178	NN
	9.35E-187	2.04851427	0.93	0.389	2.65E-182	NN
	1.82E-187	0.67476292	0.559	0.102	5.15E-183	NN
	1.63E-188	2.02126224	0.935	0.353	4.62E-184	NN
	3.23E-191	1.44657886	0.953	0.368	9.14E-187	NN
	4.42E-192	2.22098719	0.99	0.518	1.25E-187	NN
	3.55E-194	1.51453523	0.937	0.345	1.01E-189	NN
	3.49E-194	1.37404438	0.945	0.345	9.88E-190	NN
	2.34E-198	1.91949141	0.914	0.342	6.63E-194	NN
	2.34E-201	1.83804958	0.958	0.386	6.61E-197	NN
	2.34E-204	1.66951739	0.911	0.289	6.62E-200	NN
	4.69E-206	1.34334424	0.937	0.318	1.33E-201	NN
	1.15E-211	2.00277086	0.95	0.32	3.26E-207	NN
	1.29E-215	1.83569466	0.984	0.365	3.64E-211	NN
	6.88E-218	2.15661554	0.943	0.365	1.95E-213	NN
	5.40E-222	1.50211775	0.943	0.302	1.53E-217	NN
	4.75E-236	1.63345094	0.958	0.329	1.34E-231	NN
	1.42E-288	1.34685059	0.859	0.183	4.01E-284	NN
	0	4.21869365	0.903	0.04	0	NSC/Astrocyt
	0	4.18872614	0.983	0.565	0	NSC/Astrocyt
	0	4.03889716	0.924	0.319	0	NSC/Astrocyt
	0	3.78616483	0.961	0.303	0	NSC/Astrocyt
	0	3.6920365	0.98	0.357	0	NSC/Astrocyt

	0	3.63948703	0.958	0.552	0	NSC/Astrocyt
	0	3.6384973	0.96	0.186	0	NSC/Astrocyt
	0	3.47901188	0.729	0.114	0	NSC/Astrocyt
	0	3.34317928	0.94	0.109	0	NSC/Astrocyt
	0	3.14713611	0.931	0.119	0	NSC/Astrocyt
	0	3.14674046	0.745	0.018	0	NSC/Astrocyt
	0	3.11231047	0.97	0.445	0	NSC/Astrocyt
	0	3.01672848	0.931	0.259	0	NSC/Astrocyt
	0	2.97779643	0.968	0.406	0	NSC/Astrocyt
	0	2.95138199	0.586	0.103	0	NSC/Astrocyt
	0	2.95095227	0.812	0.288	0	NSC/Astrocyt
	0	2.93053297	0.855	0.034	0	NSC/Astrocyt
	0	2.9232437	0.896	0.092	0	NSC/Astrocyt
	0	2.88465496	0.854	0.039	0	NSC/Astrocyt
	0	2.88423475	0.931	0.384	0	NSC/Astrocyt
	0	2.86290041	0.884	0.061	0	NSC/Astrocyt
	0	2.79611534	0.917	0.136	0	NSC/Astrocyt
	0	2.76309507	0.992	0.692	0	NSC/Astrocyt
	0	2.71741208	0.8	0.03	0	NSC/Astrocyt
	0	2.66334672	0.989	0.477	0	NSC/Astrocyt
	0	2.65680262	0.729	0.113	0	NSC/Astrocyt
	0	2.64378034	0.984	0.627	0	NSC/Astrocyt
	0	2.64239481	0.946	0.289	0	NSC/Astrocyt
	0	2.63128342	0.984	0.642	0	NSC/Astrocyt
	0	2.62845324	0.973	0.62	0	NSC/Astrocyt
	0	2.61992997	0.85	0.287	0	NSC/Astrocyt
	0	2.54661868	0.936	0.502	0	NSC/Astrocyt
	0	2.51715098	0.988	0.738	0	NSC/Astrocyt
	0	2.49473917	0.896	0.225	0	NSC/Astrocyt
	0	2.47197553	0.896	0.321	0	NSC/Astrocyt
	0	2.46350134	0.621	0.013	0	NSC/Astrocyt
	0	2.44451385	0.993	0.697	0	NSC/Astrocyt
	0	2.427333	0.977	0.594	0	NSC/Astrocyt
	0	2.414942	0.792	0.047	0	NSC/Astrocyt
	0	2.39475033	0.752	0.031	0	NSC/Astrocyt
	0	2.38832887	0.902	0.402	0	NSC/Astrocyt
	0	2.37773482	0.654	0.015	0	NSC/Astrocyt
	0	2.37713437	0.824	0.168	0	NSC/Astrocyt
	0	2.3586999	0.968	0.571	0	NSC/Astrocyt
	0	2.35651124	0.932	0.381	0	NSC/Astrocyt
	0	2.35461943	0.924	0.248	0	NSC/Astrocyt

	0	2.33889923	0.853	0.178	0	NSC/Astrocyt
	0	2.31896939	0.952	0.455	0	NSC/Astrocyt
	0	2.25255748	0.843	0.207	0	NSC/Astrocyt
	0	2.24815386	0.776	0.103	0	NSC/Astrocyt
	0	2.24727729	0.823	0.076	0	NSC/Astrocyt
	0	2.22900841	0.961	0.386	0	NSC/Astrocyt
	0	2.22715898	0.991	0.835	0	NSC/Astrocyt
	0	2.22452365	0.739	0.023	0	NSC/Astrocyt
	0	2.22060334	0.548	0.02	0	NSC/Astrocyt
	0	2.21409106	0.951	0.321	0	NSC/Astrocyt
	0	2.21150195	0.884	0.328	0	NSC/Astrocyt
	0	2.19394328	0.836	0.28	0	NSC/Astrocyt
	0	2.17201737	0.982	0.733	0	NSC/Astrocyt
	0	2.1661181	0.971	0.699	0	NSC/Astrocyt
	0	2.15210351	0.782	0.023	0	NSC/Astrocyt
	0	2.1467029	0.951	0.568	0	NSC/Astrocyt
	0	2.14635528	0.768	0.045	0	NSC/Astrocyt
	0	2.14257324	0.989	0.701	0	NSC/Astrocyt
	0	2.12880766	0.744	0.075	0	NSC/Astrocyt
	0	2.10431853	0.963	0.521	0	NSC/Astrocyt
	0	2.09541783	0.823	0.181	0	NSC/Astrocyt
	0	2.09293469	0.813	0.148	0	NSC/Astrocyt
	0	2.08779038	0.751	0.042	0	NSC/Astrocyt
	0	2.08193321	0.839	0.342	0	NSC/Astrocyt
	0	2.08175652	0.87	0.424	0	NSC/Astrocyt
	0	2.07802515	0.849	0.265	0	NSC/Astrocyt
	0	2.06037974	0.737	0.201	0	NSC/Astrocyt
	0	2.05275967	0.982	0.801	0	NSC/Astrocyt
	0	2.04612155	0.939	0.493	0	NSC/Astrocyt
	0	2.02928324	0.592	0.073	0	NSC/Astrocyt
	0	2.00555726	0.927	0.581	0	NSC/Astrocyt
	0	2.00336841	0.783	0.157	0	NSC/Astrocyt
	0	1.99767726	0.778	0.039	0	NSC/Astrocyt
	0	1.99564916	0.796	0.124	0	NSC/Astrocyt
	0	1.98835318	0.905	0.464	0	NSC/Astrocyt
	0	1.98697509	0.628	0.037	0	NSC/Astrocyt
	0	1.98358333	0.963	0.677	0	NSC/Astrocyt
	0	1.98286257	0.815	0.235	0	NSC/Astrocyt
	0	1.97491904	0.882	0.228	0	NSC/Astrocyt
	0	1.96685743	0.355	0.014	0	NSC/Astrocyt
	0	1.96511853	0.866	0.457	0	NSC/Astrocyt

	0	1.9636622	0.769	0.29	0	NSC/Astrocyt
	0	1.96292571	0.761	0.043	0	NSC/Astrocyt
	0	1.96105339	0.752	0.117	0	NSC/Astrocyt
	0	1.95056504	0.83	0.35	0	NSC/Astrocyt
	0	1.94392539	0.982	0.845	0	NSC/Astrocyt
	0	1.94219167	0.904	0.333	0	NSC/Astrocyt
	0	1.92778977	0.813	0.185	0	NSC/Astrocyt
	0	1.89632114	0.865	0.305	0	NSC/Astrocyt
	0	1.88596643	0.669	0.144	0	NSC/Astrocyt
	0	1.88528575	0.793	0.158	0	NSC/Astrocyt
	0	1.8788209	0.705	0.143	0	NSC/Astrocyt
	0	1.87730121	0.806	0.319	0	NSC/Astrocyt
	0	1.87363614	0.963	0.469	0	NSC/Astrocyt
	0	4.5543248	0.972	0.312	0	Oligodendro
	0	4.45607556	0.978	0.492	0	Oligodendro
	0	4.13391496	0.971	0.329	0	Oligodendro
	0	3.96254097	0.97	0.418	0	Oligodendro
	0	3.57470695	0.985	0.503	0	Oligodendro
	0	3.49222927	0.958	0.246	0	Oligodendro
	0	3.47904523	0.936	0.128	0	Oligodendro
	0	3.38397709	0.96	0.532	0	Oligodendro
	0	3.37899356	0.989	0.673	0	Oligodendro
	0	3.36576623	0.962	0.389	0	Oligodendro
	0	3.28775856	0.981	0.703	0	Oligodendro
	0	3.20325483	0.944	0.268	0	Oligodendro
	0	3.17550655	0.942	0.241	0	Oligodendro
	0	3.13937096	0.935	0.119	0	Oligodendro
	0	3.12606354	0.938	0.147	0	Oligodendro
	0	3.10847831	0.802	0.2	0	Oligodendro
	0	3.04263152	0.968	0.619	0	Oligodendro
	0	3.03961248	0.79	0.047	0	Oligodendro
	0	3.00981411	0.955	0.317	0	Oligodendro
	0	3.00587823	0.961	0.578	0	Oligodendro
	0	2.95928014	0.868	0.29	0	Oligodendro
	0	2.9184533	0.928	0.241	0	Oligodendro
	0	2.90805083	0.968	0.612	0	Oligodendro
	0	2.90797569	0.887	0.113	0	Oligodendro
	0	2.83648926	0.894	0.088	0	Oligodendro
	0	2.82898859	0.915	0.224	0	Oligodendro
	0	2.81367136	0.853	0.115	0	Oligodendro
	0	2.80037946	0.977	0.715	0	Oligodendro

	0	2.78263282	0.814	0.2	0	Oligodendro
	0	2.77254504	0.937	0.495	0	Oligodendro
	0	2.76936787	0.992	0.764	0	Oligodendro
	0	2.76052539	0.927	0.303	0	Oligodendro
	0	2.72594747	0.929	0.305	0	Oligodendro
	0	2.72401642	0.839	0.319	0	Oligodendro
	0	2.71289945	0.848	0.363	0	Oligodendro
	0	2.70324317	0.947	0.63	0	Oligodendro
	0	2.69164308	0.955	0.442	0	Oligodendro
	0	2.68211729	0.971	0.687	0	Oligodendro
	0	2.67276056	0.954	0.417	0	Oligodendro
	0	2.66632099	0.967	0.696	0	Oligodendro
	0	2.64872407	0.84	0.15	0	Oligodendro
	0	2.63886134	0.858	0.065	0	Oligodendro
	0	2.63303907	0.971	0.484	0	Oligodendro
	0	2.61677095	0.558	0.055	0	Oligodendro
	0	2.59580583	0.854	0.083	0	Oligodendro
	0	2.5881975	0.783	0.057	0	Oligodendro
	0	2.57691776	0.889	0.236	0	Oligodendro
	0	2.57095057	0.896	0.275	0	Oligodendro
	0	2.56961251	0.92	0.437	0	Oligodendro
	0	2.53909765	0.855	0.089	0	Oligodendro
	0	2.53228729	0.951	0.617	0	Oligodendro
	0	2.51034693	0.85	0.093	0	Oligodendro
	0	2.50891926	0.82	0.119	0	Oligodendro
	0	2.48549369	0.923	0.481	0	Oligodendro
	0	2.46546362	0.86	0.08	0	Oligodendro
	0	2.46340909	0.943	0.551	0	Oligodendro
	0	2.45168992	0.922	0.566	0	Oligodendro
	0	2.42436383	0.769	0.111	0	Oligodendro
	0	2.40908552	0.848	0.101	0	Oligodendro
	0	2.4052848	0.862	0.112	0	Oligodendro
	0	2.40099789	0.98	0.715	0	Oligodendro
	0	2.39658223	0.593	0.137	0	Oligodendro
	0	2.38755047	0.806	0.049	0	Oligodendro
	0	2.38420234	0.949	0.406	0	Oligodendro
	0	2.37637787	0.862	0.491	0	Oligodendro
	0	2.34677469	0.761	0.066	0	Oligodendro
	0	2.33510757	0.861	0.363	0	Oligodendro
	0	2.32869332	0.782	0.178	0	Oligodendro
	0	2.30123674	0.96	0.678	0	Oligodendro

	0	2.29186763	0.91	0.396	0	Oligodendro
	0	2.2741464	0.885	0.444	0	Oligodendro
	0	2.25521088	0.828	0.134	0	Oligodendro
	0	2.25362599	0.719	0.054	0	Oligodendro
	0	2.25210105	0.652	0.077	0	Oligodendro
	0	2.24537153	0.828	0.186	0	Oligodendro
	0	2.23606637	0.82	0.4	0	Oligodendro
	0	2.23030994	0.965	0.804	0	Oligodendro
	0	2.22715814	0.942	0.699	0	Oligodendro
	0	2.22425906	0.957	0.619	0	Oligodendro
	0	2.21709398	0.742	0.038	0	Oligodendro
	0	2.21624788	0.882	0.146	0	Oligodendro
	0	2.21384788	0.912	0.645	0	Oligodendro
	0	2.18848586	0.894	0.313	0	Oligodendro
	0	2.18703564	0.783	0.043	0	Oligodendro
	0	2.18429602	0.961	0.618	0	Oligodendro
	0	2.17704856	0.778	0.236	0	Oligodendro
	0	2.15696859	0.837	0.385	0	Oligodendro
	0	2.15388551	0.963	0.675	0	Oligodendro
	0	2.15204232	0.773	0.206	0	Oligodendro
	0	2.14485414	0.798	0.076	0	Oligodendro
	0	2.14130374	0.805	0.155	0	Oligodendro
	0	2.14037221	0.719	0.377	0	Oligodendro
	0	2.12690957	0.832	0.324	0	Oligodendro
	0	2.12400491	0.856	0.166	0	Oligodendro
	0	2.11504241	0.969	0.568	0	Oligodendro
	0	2.09759878	0.917	0.51	0	Oligodendro
	0	2.08478464	0.681	0.058	0	Oligodendro
	0	2.08332531	0.669	0.061	0	Oligodendro
	0	2.08274318	0.896	0.488	0	Oligodendro
	0	2.08176689	0.945	0.7	0	Oligodendro
	3.37E-248	1.80458503	0.773	0.372	9.53E-244	OPC
	0	4.94435413	0.993	0.238	0	OPC
	0	3.81044501	0.997	0.163	0	OPC
	0	3.65068584	0.992	0.421	0	OPC
	0	3.55830939	0.999	0.553	0	OPC
	0	3.38631065	0.988	0.16	0	OPC
	0	3.32205026	0.986	0.139	0	OPC
	0	3.30679561	0.997	0.576	0	OPC
	0	3.22101414	0.887	0.009	0	OPC
	0	3.20000074	0.995	0.432	0	OPC

	0	3.17339615	0.988	0.224	0	OPC
	0	3.0412638	0.985	0.281	0	OPC
	0	3.0140834	0.979	0.474	0	OPC
	0	2.99879548	0.973	0.148	0	OPC
	0	2.98681488	0.992	0.717	0	OPC
	0	2.93640528	0.986	0.54	0	OPC
	0	2.79019892	0.988	0.544	0	OPC
	0	2.77432066	0.977	0.088	0	OPC
	0	2.76181402	0.973	0.235	0	OPC
	0	2.74303697	0.987	0.474	0	OPC
	0	2.54398976	0.952	0.142	0	OPC
	0	2.52960086	0.988	0.541	0	OPC
	0	2.50968177	0.916	0.192	0	OPC
	0	2.46788879	0.988	0.473	0	OPC
	0	2.43302639	0.986	0.698	0	OPC
	0	2.42421197	0.698	0.057	0	OPC
	0	2.39273796	0.979	0.375	0	OPC
	0	2.36419328	0.976	0.498	0	OPC
	0	2.36095104	0.968	0.18	0	OPC
	0	2.34211472	0.988	0.687	0	OPC
	0	2.33479979	0.981	0.397	0	OPC
	0	2.31765842	0.976	0.465	0	OPC
	0	2.29228645	0.91	0.121	0	OPC
	0	2.26610285	0.926	0.1	0	OPC
	0	2.25571647	0.92	0.088	0	OPC
	0	2.13806144	0.976	0.43	0	OPC
	0	2.11389488	0.863	0.18	0	OPC
	0	2.10407195	0.793	0.065	0	OPC
	0	2.09895315	0.965	0.342	0	OPC
	0	2.06744933	0.919	0.159	0	OPC
	0	2.04199979	0.936	0.205	0	OPC
	0	2.038503	0.888	0.151	0	OPC
	0	2.03509527	0.936	0.235	0	OPC
	0	2.01854335	0.914	0.295	0	OPC
	0	1.99436968	0.946	0.368	0	OPC
	0	1.97783223	0.876	0.101	0	OPC
	0	1.97568828	0.995	0.401	0	OPC
	0	1.94144548	0.928	0.236	0	OPC
	0	1.9094277	0.941	0.289	0	OPC
	0	1.90641198	0.928	0.257	0	OPC
	0	1.89196602	0.989	0.56	0	OPC

	0	1.88586213	0.993	0.597	0	OPC
	0	1.87065006	0.898	0.141	0	OPC
	0	1.86312306	0.977	0.602	0	OPC
	0	1.8621401	0.967	0.555	0	OPC
	0	1.84014219	0.906	0.273	0	OPC
	0	1.82402979	0.925	0.416	0	OPC
	0	1.82277773	0.979	0.569	0	OPC
	0	1.81134375	0.911	0.307	0	OPC
	0	1.79701174	0.995	0.668	0	OPC
	0	1.79641592	0.924	0.192	0	OPC
	0	1.79420103	0.96	0.569	0	OPC
	0	1.77724577	0.881	0.165	0	OPC
	0	1.77209357	0.989	0.619	0	OPC
	0	1.76685053	0.825	0.021	0	OPC
	0	1.7631793	0.782	0.07	0	OPC
	0	1.75995895	0.765	0.07	0	OPC
	0	1.75794242	0.91	0.163	0	OPC
	0	1.74826202	0.956	0.472	0	OPC
	0	1.73457361	0.997	0.625	0	OPC
	0	1.7198858	0.906	0.224	0	OPC
	0	1.71431436	0.984	0.698	0	OPC
	0	1.70672518	0.824	0.077	0	OPC
	0	1.68803038	0.821	0.196	0	OPC
	0	1.6617722	0.857	0.256	0	OPC
	0	1.66090931	0.993	0.795	0	OPC
	0	1.66006789	0.861	0.119	0	OPC
	0	1.65315751	0.984	0.564	0	OPC
	0	1.65154492	0.803	0.074	0	OPC
	0	1.64028889	0.995	0.644	0	OPC
	0	1.63852601	0.872	0.202	0	OPC
	0	1.63828695	0.995	0.66	0	OPC
	0	1.62924749	0.842	0.188	0	OPC
	0	1.62897255	0.854	0.172	0	OPC
	0	1.62679227	0.93	0.143	0	OPC
	0	1.62601017	0.704	0.043	0	OPC
	0	1.62176915	0.857	0.169	0	OPC
	0	1.61175901	0.632	0.053	0	OPC
	0	1.60664034	0.925	0.281	0	OPC
	0	1.60659614	0.991	0.652	0	OPC
	0	1.60451563	0.992	0.731	0	OPC
	0	1.58819162	0.972	0.633	0	OPC

	0	1.58485988	0.956	0.499	0	OPC
	0	1.5848513	0.982	0.557	0	OPC
	0	1.56647422	0.82	0.225	0	OPC
	0	1.56497075	0.86	0.258	0	OPC
	0	1.56139949	0.837	0.308	0	OPC
	0	1.55755891	0.928	0.33	0	OPC
	0	1.32457948	0.749	0.079	0	OPC
	0	1.4189805	0.709	0.014	0	OPC
	3.70E-09	1.78218478	0.454	0.317	0.00010485	Pericyte
	7.47E-10	2.29756361	0.471	0.327	2.11E-05	Pericyte
	3.47E-11	1.80452604	0.597	0.486	9.82E-07	Pericyte
	1.17E-11	1.914587	0.504	0.306	3.32E-07	Pericyte
	5.46E-13	1.95998759	0.672	0.606	1.55E-08	Pericyte
	8.47E-14	2.10130866	0.588	0.416	2.40E-09	Pericyte
	8.54E-15	1.8578418	0.345	0.141	2.42E-10	Pericyte
	3.91E-15	1.77194703	0.479	0.227	1.11E-10	Pericyte
	6.64E-16	2.18703349	0.479	0.235	1.88E-11	Pericyte
	3.49E-17	1.83457965	0.765	0.666	9.89E-13	Pericyte
	3.03E-17	4.44177991	0.37	0.147	8.57E-13	Pericyte
	2.42E-17	2.92973414	0.689	0.506	6.84E-13	Pericyte
	1.95E-19	1.91793029	0.378	0.128	5.52E-15	Pericyte
	7.17E-20	2.18144844	0.697	0.445	2.03E-15	Pericyte
	2.04E-20	2.2380981	0.496	0.227	5.78E-16	Pericyte
	2.42E-21	2.5374176	0.286	0.071	6.84E-17	Pericyte
	2.38E-21	2.46069814	0.513	0.223	6.72E-17	Pericyte
	1.45E-21	2.16424123	0.655	0.385	4.11E-17	Pericyte
	1.05E-21	1.89542039	0.504	0.227	2.98E-17	Pericyte
	3.12E-22	1.75966456	0.353	0.105	8.84E-18	Pericyte
	2.19E-22	2.23962297	0.513	0.218	6.19E-18	Pericyte
	1.70E-23	2.49551745	0.504	0.2	4.82E-19	Pericyte
	4.47E-24	2.1655428	0.294	0.07	1.27E-19	Pericyte
	1.21E-25	2.56342564	0.563	0.258	3.44E-21	Pericyte
	6.55E-26	2.60062654	0.429	0.136	1.85E-21	Pericyte
	3.04E-27	2.13003201	0.58	0.271	8.60E-23	Pericyte
	1.32E-27	2.13105071	0.571	0.252	3.74E-23	Pericyte
	2.97E-29	2.28812172	0.412	0.12	8.41E-25	Pericyte
	2.46E-29	3.03747092	0.513	0.19	6.96E-25	Pericyte
	3.47E-30	1.85311847	0.445	0.13	9.83E-26	Pericyte
	1.88E-30	2.12061514	0.597	0.236	5.31E-26	Pericyte
	1.58E-33	2.69596167	0.807	0.544	4.48E-29	Pericyte
	1.12E-33	2.31788808	0.513	0.169	3.18E-29	Pericyte

	5.27E-35	2.09532041	0.378	0.086	1.49E-30	Pericyte
	8.47E-37	2.28760554	0.555	0.179	2.40E-32	Pericyte
	4.60E-37	2.42497971	0.412	0.096	1.30E-32	Pericyte
	3.37E-37	2.62761116	0.714	0.323	9.54E-33	Pericyte
	3.18E-38	2.03708778	0.496	0.133	8.99E-34	Pericyte
	8.19E-39	2.14789052	0.151	0.013	2.32E-34	Pericyte
	1.73E-39	2.34481083	0.866	0.512	4.91E-35	Pericyte
	5.72E-40	3.12851802	0.782	0.458	1.62E-35	Pericyte
	3.31E-41	1.93363705	0.521	0.139	9.37E-37	Pericyte
	1.54E-41	1.89530797	0.63	0.22	4.37E-37	Pericyte
	2.67E-42	1.8611783	0.454	0.106	7.57E-38	Pericyte
	5.45E-44	1.74085742	0.319	0.051	1.54E-39	Pericyte
	6.79E-49	1.84723748	0.387	0.067	1.92E-44	Pericyte
	3.22E-49	3.02842029	0.277	0.034	9.12E-45	Pericyte
	2.56E-50	1.99840249	0.563	0.144	7.25E-46	Pericyte
	2.43E-51	4.08808726	0.655	0.2	6.88E-47	Pericyte
	1.10E-53	2.68628126	0.664	0.199	3.12E-49	Pericyte
	5.09E-54	1.80717774	0.403	0.065	1.44E-49	Pericyte
	5.98E-55	3.12609135	0.664	0.19	1.69E-50	Pericyte
	4.53E-56	2.20298415	0.58	0.135	1.28E-51	Pericyte
	1.03E-57	2.97229992	0.723	0.23	2.91E-53	Pericyte
	1.48E-58	2.21224692	0.672	0.187	4.18E-54	Pericyte
	8.17E-59	2.48916697	0.706	0.204	2.31E-54	Pericyte
	1.34E-61	2.77943344	0.521	0.102	3.80E-57	Pericyte
	7.03E-64	2.5717442	0.521	0.098	1.99E-59	Pericyte
	4.39E-65	1.81045702	0.244	0.02	1.24E-60	Pericyte
	3.27E-65	2.7260245	0.681	0.178	9.26E-61	Pericyte
	3.78E-71	1.77810524	0.235	0.017	1.07E-66	Pericyte
	6.94E-75	2.75556728	0.647	0.136	1.96E-70	Pericyte
	5.61E-75	2.36085858	0.664	0.141	1.59E-70	Pericyte
	9.97E-77	2.17750895	0.588	0.103	2.82E-72	Pericyte
	1.29E-79	2.0636433	0.412	0.047	3.66E-75	Pericyte
	2.76E-82	2.76531403	0.689	0.137	7.81E-78	Pericyte
	2.21E-86	1.7498979	0.303	0.024	6.27E-82	Pericyte
	1.59E-91	2.53092901	0.613	0.1	4.51E-87	Pericyte
	4.18E-96	4.28392016	0.529	0.069	1.18E-91	Pericyte
	2.79E-102	2.26489538	0.496	0.056	7.90E-98	Pericyte
	2.08E-112	2.33605376	0.429	0.037	5.88E-108	Pericyte
	3.44E-113	2.37960296	0.429	0.037	9.73E-109	Pericyte
	2.44E-118	2.40026204	0.479	0.044	6.91E-114	Pericyte
	2.07E-120	2.24910093	0.403	0.031	5.85E-116	Pericyte

	3.44E-122	2.57421825	0.496	0.047	9.74E-118	Pericyte
	5.51E-132	2.50240289	0.395	0.027	1.56E-127	Pericyte
	3.85E-134	2.09932348	0.328	0.018	1.09E-129	Pericyte
	7.96E-154	1.87470045	0.387	0.022	2.25E-149	Pericyte
	5.70E-162	2.78293261	0.706	0.075	1.61E-157	Pericyte
	7.65E-163	2.10817611	0.462	0.03	2.16E-158	Pericyte
	1.76E-177	1.87061643	0.403	0.021	4.98E-173	Pericyte
	4.92E-178	1.76426013	0.311	0.012	1.39E-173	Pericyte
	1.32E-178	2.71740849	0.672	0.06	3.73E-174	Pericyte
	4.60E-186	1.78942773	0.504	0.031	1.30E-181	Pericyte
	1.29E-216	3.1148488	0.731	0.061	3.65E-212	Pericyte
	4.24E-226	2.24271881	0.546	0.031	1.20E-221	Pericyte
	9.93E-249	2.38335728	0.521	0.025	2.81E-244	Pericyte
	1.11E-274	2.22473831	0.429	0.015	3.14E-270	Pericyte
	6.91E-291	2.31033047	0.529	0.022	1.96E-286	Pericyte
	0	4.07695886	0.756	0.028	0	Pericyte
	0	3.25398948	0.521	0.004	0	Pericyte
	0	2.88324814	0.571	0.015	0	Pericyte
	0	2.83788382	0.529	0.011	0	Pericyte
	0	2.44108575	0.513	0.002	0	Pericyte
	0	1.79815032	0.504	0.001	0	Pericyte
	0	1.76529381	0.403	0.008	0	Pericyte
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KHDRBS2
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HECW1
NRG1
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IQCJ-SCHIP1
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LHFPL6
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FRAS1
SORBS2
CADPS2
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OXR1
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PHACTR1
HS3ST4
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CHRM3
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FGF12
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MPPED1
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LY6H
KLC1
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BEX4
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MTPN
DYNLL1
UBC
GHITM
PGAM1
CREG2

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IRAK3
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ST8SIA6
FLI1
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EBF1
ADGRL4
SMAD6
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ABCG2
PECAM1
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ITIH5
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EFCAB6
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GRIK1
GALNTL6
NXPH1
FSTL5
ERBB4
GAD2
CNR1
KCNC2
UNC5D
DLX6-AS1
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GAD1

SLC6A1
KAZN
CNTNAP2
MTUS2
CNTN4
XKR4
CXCL14
ALK
GABRG3
PTCHD4
GRIK2
KIAA1211
IL1RAPL2
VWC2
VSTM2A
THSD7A
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ARL4C
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PDZRN3
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BTBD11
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RBMS3
TAC1
ELAVL2
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PLCXD3
PLD5
DNER
PCDH11X
LUZP2
RIMS2
THRB

SETBP1
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