Table S2. Genes differentially expressed for Bayes analysis

Gene ID	Gene Nam	p.value	FDR	Num Sam	Num Sam	Mean NET	Mean WT	Log_2 Fol	Direction	NET1_KO	NET1_KO	NET1_KO	WT_1	WT_2	WT_3
ILMN_121	Gypc	9.51E-06	0.134233	3	3	3.693126	0	3.693126	Higher in N	3.523562	3.877744	3.678072	0	0	0
ILMN_260	Haao	2.32E-05	0.134233	3	3	0	3.056567	3.056567	Higher in V	0	0	0	2.981853	3.017922	3.169925
ILMN_258	Col6a1	2.85E-05	0.134233	3	3	3.084324	0	3.084324	Higher in N	3.277985	3.087463	2.887525	0	0	0
ILMN_263	Ubqln3	3.83E-05	0.134233	3	3	3.418223	0	3.418223	Higher in N	3.336283	3.847997	3.070389	0	0	0
ILMN_311	Henmt1	4.56E-05	0.134233	3	3	2.864631	0	2.864631	Higher in N	3.035624	2.632268	2.925999	0	0	0
ILMN_125	Fam63a	4.68E-05	0.134233	3	3	2.857635	0	2.857635	Higher in N	2.632268	3.053111	2.887525	0	0	0
ILMN_122	Rab3gap2	4.76E-05	0.134233	3	3	3.173474	0.087678	3.085796	Higher in N	2.847997	3.350497	3.321928	0.263034	0	0
ILMN_316	Defb48	5.55E-05	0.134233	3	3	2.729035	0	2.729035	Higher in N	2.536053	2.744161	2.906891	0	0	0
ILMN_122	Ccnd2	5.76E-05	0.134233	3	3	0	2.576193	2.576193	Higher in V	0	0	0	2.510962	2.608809	2.608809
ILMN_314	Armc3	5.77E-05	0.134233	3	3	3.29025	0	3.29025	Higher in N	3.419539	3.643856	2.807355	0	0	0
ILMN_261	Asph	6.02E-05	0.134233	3	3	0.087678	3.283877	3.196199	Higher in V	0	0	0.263034	3.277985	2.906891	3.666757
ILMN_262	Aicda	6.08E-05	0.134233	3	3	2.656476	0	2.656476	Higher in N	2.560715	2.560715	2.847997	0	0	0
ILMN_123	Smg5	6.42E-05	0.134233	3	3	0.161809	3.518992	3.357183	Higher in V	0	0	0.485427	3.121015	3.887525	3.548437
ILMN_304	Zdhhc19	7.57E-05	0.134233	3	3	0	2.614494	2.614494	Higher in V	0	0	0	2.847997	2.459432	2.536053
ILMN_122	Jarid2	8.2E-05	0.134233	3	3	0	3.228348	3.228348	Higher in V	0	0	0	2.678072	3.446256	3.560715
ILMN_124	C330021F	8.36E-05	0.134233	3	3	0	3.789269	3.789269	Higher in V	0	0	0	4.314697	4	3.053111
ILMN_125	Zfhx4	8.49E-05	0.134233	3	3	0	2.676308	2.676308	Higher in V	0	0	0	2.944858	2.678072	2.405992
ILMN_246	Kdm4a	8.93E-05	0.134233	3	3	0	2.61725	2.61725	Higher in V	0	0	0	2.906891	2.485427	2.459432
ILMN_266	Armc3	9.43E-05	0.134233	3	3	3.55924	0.087678	3.471562	Higher in N	4.129283	3	3.548437	0	0	0.263034
ILMN_124	Cpox	9.56E-05	0.134233	3	3	2.995565	0	2.995565	Higher in N	3.321928	3.153805	2.510962	0	0	0
ILMN_124	Deaf1	9.94E-05	0.134233	3	3	0	2.592333	2.592333	Higher in V	0	0	0	2.510962	2.887525	2.378512
ILMN_277	Nodal	0.000105	0.134233	3	3	2.856821	0	2.856821	Higher in N	2.678072	3.307429	2.584963	0	0	0
ILMN_121	Aif1	0.000105	0.134233	3	3	0	2.365508	2.365508	Higher in V	0	0	0	2.292782	2.510962	2.292782
ILMN_259	Nipsnap3b	0.000105	0.134233	3	3	3.045322	0.045835	2.999487	Higher in N	3.321928	2.536053	3.277985	0	0.137504	0
ILMN_281	Scn4a	0.000109	0.134233	3	3	0	2.382093	2.382093	Higher in V	0	0	0	2.560715	2.292782	2.292782
ILMN_264	Ier5	0.00011	0.134233	3	3	0	2.933133	2.933133	Higher in V	0	0	0	2.963474	2.485427	3.350497
ILMN_265	Akt2	0.000114	0.134233	3	3	0	2.975723	2.975723	Higher in V	0	0	0	3.446256	2.536053	2.944858
ILMN_272	Ercc4	0.000124	0.140274	3	3	0.282666	3.411029	3.128363	Higher in V	0	0.847997	0	3.247928	3.364572	3.620586
ILMN_122	Hrk	0.000139	0.151899	3	3	3.151103	0.342856	2.808246	Higher in N	3.035624	3.364572	3.053111	0.263034	0.765535	0
ILMN_287	Gm906	0.000153	0.156671	3	3	0.087678	2.984242	2.896564	Higher in V	0.263034	0	0	3.307429	3.185867	2.459432
ILMN_124	Mpo	0.00016	0.156671	3	3	0	2.346467	2.346467	Higher in V	0	0	0	2.070389	2.432959	2.536053
ILMN_123	Ptgs2	0.000163	0.156671	3	3	2.371705	0	2.371705	Higher in N	2.632268	2.378512	2.104337	0	0	0
ILMN_125	Zwilch	0.000173	0.16117	3	3	0.194988	3.357333	3.162345	Higher in V	0.584963	0	0	3.584963	2.786596	3.70044
ILMN_274	Ctag2	0.000178	0.161243	3	3	2.991505	0.161809	2.829696	Higher in N	2.827819	2.70044	3.446256	0	0	0.485427
ILMN_123	Ampd1	0.000203	0.168945	3	3	2.918296	0.421011	2.497284	Higher in N	2.906891	2.847997	3	0.678072	0	0.584963
ILMN_293	Slc39a12	0.000217	0.168945	3	3	2.955776	0	2.955776	Higher in N	2.722466	3.608809	2.536053	0	0	0
ILMN_269	Srrm1	0.00022	0.168945	3	3	0	2.772402	2.772402	Higher in V	0	0	0	3.350497	2.405992	2.560715
ILMN_123	Slc30a7	0.000226	0.168945	3	3	2.64382	0	2.64382	Higher in N	2.201634	3.121015	2.608809	0	0	0
ILMN_276	Fam107a	0.000235	0.168945	3	3	2.983664	0	2.983664	Higher in N	3.336283	2.292782	3.321928	0	0	0
ILMN_123	Gdf1 /// Ce	0.000253	0.168945	3	3	0.58282	3.427812	2.844991	Higher in V	1.070389	0	0.678072	3.364572	3.321928	3.596935
ILMN_289	Garem	0.00026	0.168945	3	3	3.26423	0.255178	3.009052	Higher in N	3.053111	3.776104	2.963474	0	0.765535	0
ILMN_244	Ccdc74a	0.000261	0.168945	3	3	2.682164	0	2.682164	Higher in N	2.350497	2.432959	3.263034	0	0	0
ILMN_125	Sorbs1	0.000263	0.168945	3	3	3.019583	0.255178	2.764405	Higher in N	3	3.336283	2.722466	0	0	0.765535
ILMN_285	Gkn3	0.000267	0.168945	3	3	0	2.57048	2.57048	Higher in V	0	0	0	2.827819	2.847997	2.035624
ILMN_247	Zfp422	0.000279	0.169319	3	3	0.087678	2.488277	2.400599	Higher in V	0	0	0.263034	2.137504	2.867896	2.459432
ILMN_262	Rtn4r	0.000307	0.17393	3	3	3.271577	0.450166	2.821411	Higher in N	3.104337	3.765535	2.944858	0	0.765535	0.584963
ILMN_307	Lrrc48	0.000324	0.180084	3	3	0.249487	3.390452	3.140965	Higher in V	0	0.485427	0.263034	3.797013	3.765535	2.608809
ILMN_274	Ptdss1	0.000336	0.183411	3	3	2.944385	0.194988	2.749398	Higher in N	3.364572	3.035624	2.432959	0	0.584963	0
ILMN_121	Siah1b	0.000358	0.192264	3	3	2.589701	0	2.589701	Higher in N	3.153805	2.104337	2.510962	0	0	0
ILMN_293	Spryd7	0.000414	0.208285	3	3	2.557475	0	2.557475	Higher in N	2	3.087463	2.584963	0	0	0
ILMN_242	Gabrg3	0.000414	0.208285	3	3	0	2.781675	2.781675	Higher in V	0	0	0	2.981853	2.070389	3.292782
ILMN_277	Rbp2	0.000424	0.208598	3	3	0	2.471198	2.471198	Higher in V	0	0	0	2.847997	2.678072	1.887525
ILMN_290	Arfgap1	0.000459	0.214078	3	3	0.282666	3.719991	3.437325	Higher in V	0	0.847997	0	3.655352	4.50462	3
ILMN_122	Thada	0.00046	0.214078	3	3	2.856172	0	2.856172	Higher in N	2.104337	3.017922	3.446256	0	0	0
ILMN_267	Slc17a4	0.000467	0.214463	3	3	0	2.517577	2.517577	Higher in V	0	0	0	2.608809	3.017922	1.925999
ILMN_316	Olfr685	0.000486	0.216699	3	3	2.396842	0	2.396842	Higher in N	2.104337	2.981853	2.104337	0	0	0
ILMN_271	Cartpt	0.000506	0.217945	3	3	0.792837	6.897942	6.105105	Higher in V	0	0	2.378512	5.791814	6.744161	8.157852
ILMN_123	Aqr	0.000509	0.217945	3	3	3.444808	0.379168	3.065641	Higher in N	3.678072	3.711495	2.944858	0	0	1.137504
ILMN_122	1700084C	0.000521	0.220236	3	3	0	2.490829	2.490829	Higher in V	0	0	0	3	1.887525	2.584963
ILMN_259	Ak8	0.000531	0.220811	3	3	0	3.151624	3.151624	Higher in V	0	0	0	3.944858	2.292782	3.217231
ILMN_275	Rax	0.000554	0.222716	3	3	0	2.546039	2.546039	Higher in V	0	0	0	2.350497	3.217231	2.070389
ILMN_125	Lamb1	0.000556	0.222716	3	3	2.932121	0.255178	2.676943	Higher in N	2.378512	3.247928	3.169925	0.765535	0	0
ILMN_125	Tmem229a	0.000594	0.229062	3	3	0.226024	2.820706	2.594682	Higher in V	0	0	0.678072	3.217231	2.981853	2.263034
ILMN_125	Etl4	0.000604	0.229062	3	3	0.379168	3.105269	2.726101	Higher in V	0	0	1.137504	2.867896	3.169925	3.277985
ILMN_242	Zan	0.000609	0.229062	3	3	3.726246	0.723308	3.002938	Higher in N	4.217231	3.364572	3.596935	1.321928	0	0.847997
ILMN_312	Cartpt	0.000629	0.229062	3	3	1.56444	6.467029	4.902589	Higher in V	1.722466	0.678072	2.292782	5.361066	6.223036	7.816984
ILMN_242	Capns2	0.000641	0.229062	3	3	0	4.368241	4.368241	Higher in V	0	0	0	5.442943	4.754888	2.906891
ILMN_125	Hif1an	0.000641	0.229062	3	3	0	2.473225	2.473225	Higher in V	0	0	0	3.035624	2.536053	1.847997
ILMN_272	Ccr8	0.000645	0.229062	3	3	0	2.520926	2.520926	Higher in V	0	0	0	2.887525	1.807355	2.867896
ILMN_264	Leap2	0.000698	0.242934	3	3	2.859395	0.175356	2.684038	Higher in N	3.185867	2.070389	3.321928	0.263034	0.263034	0
ILMN_243	Six4	0.000722	0.243781	3	3	3.129167	0.605192	2.523975	Higher in N	2.807355	3.201634	3.378512	0.678072	0	1.137504
ILMN_124	1110004F	0.000723	0.243781	3	3	3.156634	0.255178	2.901456	Higher in N	3.292782	2.432959	3.744161	0	0.765535	0
ILMN_125	Odf3b	0.00075	0.245059	3	3	0	2.595153	2.595153	Higher in V	0	0	0	2.350497	3.364572	2.070389
ILMN_254	Sec62	0.000763	0.245059	3	3	0.045835	3.013645	2.96781	Higher in V	0	0	0.137504	2.459432	3.972693	2.608809
ILMN_122	Dtna	0.000767	0.245059	3	3	0	2.391775	2.391775	Higher in V	0	0	0	1.722466	2.867896	2.584963
ILMN_263	Mfng	0.000867	0.256709	3	3	3.005044	0.087678	2.917365	Higher in N	2.070389	3.277985	3.666757	0	0	0.263034
ILMN_122	Esrrb	0.000908	0.266338	3	3	0	3.422645	3.422645	Higher in V	0	0	0	3.104337	4.602884	2.560715
ILMN_259	Satb2	0.000951	0.27417	3	3	2.685094	0	2.685094	Higher in N	1.807355	3.247928	3	0	0	0
ILMN_276	Ugt3a1	0.000962	0.274626	3	3	0.400545	3.049577	2.649032	Higher in V	0	0	1.201634	3.321928	3.104337	2.722466
ILMN_300	Lpar3	0.000992	0.278065	3	3	3.16365	0	3.16365	Higher in N	3.754888	3.70044	2.035624	0	0	0
ILMN_122	Olfr705	0.001007	0.279728	3	3	2.47932	0.045835	2.433486	Higher in N	3.087463	2.584963	1.765535	0	0.137504	0

ILMN_265	Apc	0.001067	0.291364	3	3	0	2.660016	2.660016	Higher in V	0	0	0	2.981853	3.232661	1.765535
ILMN_268	Adamts20	0.001076	0.291364	3	3	0.585674	3.41408	2.828406	Higher in V	1.378512	0	0.378512	2.867896	3.608809	3.765535
ILMN_265	Wdr77	0.001131	0.300997	3	3	2.844038	0	2.844038	Higher in N	3.185867	3.498251	1.847997	0	0	0
ILMN_123	Lef1	0.001181	0.305251	3	3	2.679517	0	2.679517	Higher in N	2.405992	2.035624	3.596935	0	0	0
ILMN_122	Wdr81	0.001195	0.305251	3	3	0.226024	3.122875	2.896852	Higher in V	0	0	0.678072	3.277985	3.857981	2.232661
ILMN_121	Ctbp1	0.001233	0.311492	3	3	0	2.906121	2.906121	Higher in V	0	0	0	3.321928	3.548437	1.847997
ILMN_259	Hadh	0.001239	0.311492	3	3	0.045835	2.382656	2.336822	Higher in V	0.137504	0	0	1.632268	2.906891	2.608809
ILMN_281	Olfr99	0.001363	0.323625	3	3	0.333333	2.719791	2.386457	Higher in V	0	0	1	2.232661	2.944858	2.981853
ILMN_122	Aph1c	0.00137	0.323625	3	3	2.577002	0.194988	2.382015	Higher in N	1.887525	3.121015	2.722466	0	0	0.584963
ILMN_264	Gm711	0.001397	0.323625	3	3	4.09641	1.445333	2.651077	Higher in N	4.285402	3.786596	4.217231	0.847997	2.350497	1.137504
ILMN_254	Eri2	0.001502	0.342216	3	3	4.38229	0.723308	3.658981	Higher in N	4.649615	4.452859	4.044394	0	0	2.169925
ILMN_273	Gm4477 //	0.001534	0.344704	3	3	0.733878	4.295513	3.561635	Higher in V	1	1.201634	0	4.995485	4.837943	3.053111
ILMN_276	Dio2	0.001617	0.358298	3	3	2.582697	0	2.582697	Higher in N	2.867896	3.247928	1.632268	0	0	0
ILMN_268	Fign	0.00167	0.365743	3	3	0	2.453654	2.453654	Higher in V	0	0	0	2.070389	1.925999	3.364572
ILMN_276	Cbfa2t3	0.00168	0.365743	3	3	0	2.61837	2.61837	Higher in V	0	0	0	2.944858	3.277985	1.632268
ILMN_124	Rdh12	0.00169	0.365743	3	3	0.559357	3.557522	2.998165	Higher in V	0	1.678072	0	3.336283	4	3.336283
ILMN_276	Ppp2r4	0.001707	0.365743	3	3	2.797306	0	2.797306	Higher in N	3.121015	1.722466	3.548437	0	0	0
ILMN_122	2310034C	0.001709	0.365743	3	3	0.440643	3.528899	3.088256	Higher in V	0	0	1.321928	4.405992	3.217231	2.963474
ILMN_300	Raver2	0.001918	0.396276	3	3	0.733878	4.253361	3.519483	Higher in V	0	0	2.201634	4.285402	4.529821	3.944858
ILMN_126	Pikfyve	0.001925	0.396276	3	3	0	2.73035	2.73035	Higher in V	0	0	0	1.722466	2.847997	3.620586
ILMN_121	Rasl12	0.001947	0.396276	3	3	0.126171	2.554178	2.428007	Higher in V	0	0.378512	0	1.765535	2.560715	3.336283
ILMN_248	Tubgcp5	0.001947	0.396276	3	3	3.342575	0.605192	2.737383	Higher in N	3.350497	3.57289	3.104337	1.678072	0	0.137504
ILMN_306	Slc12a2	0.001964	0.396276	3	3	3.438806	0.777808	2.660998	Higher in N	4.044394	3.485427	2.786596	0	1.263034	1.070389
ILMN_274	Slc38a9	0.001997	0.397887	3	3	0	2.43927	2.43927	Higher in V	0	0	0	2.944858	1.485427	2.887525
ILMN_124	Arhgef2	0.002014	0.39847	3	3	0.67619	3.228871	2.552681	Higher in V	0.765535	0	1.263034	3.121015	2.678072	3.887525
ILMN_124	Clps	0.002039	0.39847	3	3	2.621602	0.194988	2.426614	Higher in N	3.392317	2.584963	1.887525	0.584963	0	0
ILMN_268	Ret	0.002059	0.39847	3	3	2.665576	0	2.665576	Higher in N	3.104337	3.307429	1.584963	0	0	0
ILMN_269	Dpep2	0.002153	0.409409	3	3	4.043174	0.602452	3.440722	Higher in N	3.307429	4.867896	3.954196	0	0	1.807355
ILMN_122	Loxhd1	0.002159	0.409409	3	3	0	2.430065	2.430065	Higher in V	0	0	0	3.307429	1.632268	2.350497
ILMN_122	Ston2	0.002171	0.409409	3	3	0	2.323833	2.323833	Higher in V	0	0	0	3.053111	2.432959	1.485427
ILMN_252	Fam81b	0.002206	0.413489	3	3	2.99984	0.379168	2.620672	Higher in N	3.307429	3.459432	2.232661	1.137504	0	0
ILMN_265	Gucd1	0.002382	0.433322	3	3	0	2.651337	2.651337	Higher in V	0	0	0	3.620586	1.678072	2.655352
ILMN_297	Il22ra1	0.00247	0.442082	3	3	0.642	3.132915	2.490915	Higher in V	0.925999	0	1	3.432959	3.643856	2.321928
ILMN_281	Ercc6l2	0.002503	0.442839	3	3	2.455977	0.087678	2.368299	Higher in N	1.536053	2.678072	3.153805	0	0	0.263034
ILMN_275	Psma8	0.00255	0.446338	3	3	3.222459	0.512018	2.710442	Higher in N	3.797013	2.963474	2.906891	0	1.536053	0
ILMN_272	1700029J0	0.002588	0.448055	3	3	0.792837	3.617813	2.824976	Higher in V	0	2	0.378512	3.620586	3.446256	3.786596
ILMN_310	Ccdc93	0.002636	0.453851	3	3	3.348984	0.512018	2.836967	Higher in N	2.70044	3.954196	3.392317	1.536053	0	0
ILMN_244	Vmn2r89	0.002694	0.458801	3	3	2.768961	0.308666	2.460294	Higher in N	3.536053	2.70044	2.070389	0	0.925999	0
ILMN_254	Il20rb	0.003076	0.494432	3	3	0.733878	3.887242	3.153364	Higher in V	2.201634	0	0	3.857981	3.733354	4.070389
ILMN_121	Arid5b	0.003087	0.494432	3	3	3.43433	0.992243	2.442087	Higher in N	3.560715	3.405992	3.336283	0.263034	0.678072	2.035624
ILMN_245	Tpcn1	0.003112	0.494432	3	3	0.226024	3.218451	2.992427	Higher in V	0	0	0.678072	4.485427	2.906891	2.263034
ILMN_277	Aldh8a1	0.003122	0.494432	3	3	4.18224	1.306129	2.876111	Higher in N	4.078951	4.061776	4.405992	2.070389	0	1.847997
ILMN_121	Rnf24	0.003264	0.512883	3	3	2.378228	0	2.378228	Higher in N	2.867896	2.944858	1.321928	0	0	0
ILMN_271	Il1r1	0.003443	0.537245	3	3	0	3.216945	3.216945	Higher in V	0	0	0	1.722466	4.343408	3.584963
ILMN_125	Jakmip2	0.0035	0.542489	3	3	0	3.279395	3.279395	Higher in V	0	0	0	4.371559	3.744161	1.722466
ILMN_267	Cers6	0.003545	0.542489	3	3	2.55672	0	2.55672	Higher in N	1.925999	3.744161	2	0	0	0
ILMN_302	Ssxb2	0.003545	0.542489	3	3	3.425927	0.972795	2.453132	Higher in N	3.666757	3.087463	3.523562	0	1.847997	1.070389
ILMN_271	Bsn	0.003635	0.548284	3	3	0.512018	3.178749	2.666731	Higher in V	0	0	1.536053	2.906891	3.906891	2.722466
ILMN_123	A530032D	0.003749	0.552046	3	3	3.260377	0.255178	3.005198	Higher in N	3.857981	4.035624	1.887525	0	0	0.765535
ILMN_280	Defb29	0.003752	0.552046	3	3	1.118715	3.60923	2.490515	Higher in V	1.678072	0	1.678072	3.350497	3.916477	3.560715
ILMN_125	Tex13a	0.00382	0.553943	3	3	2.390215	0	2.390215	Higher in N	2.201634	1.536053	3.432959	0	0	0
ILMN_279	Pmp2	0.003823	0.553943	3	3	0	2.380021	2.380021	Higher in V	0	0	0	2.632268	1.321928	3.185867
ILMN_316	Olfr194 ///	0.004118	0.582421	3	3	3.334444	0.687834	2.64661	Higher in N	3.536053	3.485427	2.981853	0.137504	0	1.925999
ILMN_122	Paqr5	0.004388	0.615088	3	3	0.544089	3.289957	2.745868	Higher in V	0	1.632268	0	2.678072	3.104337	4.087463
ILMN_242	Slc12a6	0.004519	0.620363	3	3	0	2.517992	2.517992	Higher in V	0	0	0	1.432959	3.584963	2.536053
ILMN_125	Gabrb3	0.004548	0.621051	3	3	3.137142	0.194988	2.942155	Higher in N	4.485427	2.925999	2	0	0.584963	0
ILMN_264	Smyd1	0.004893	0.648506	3	3	0.356796	3.669323	3.312527	Higher in V	0	0	1.070389	4.50462	2.070389	4.432959
ILMN_255	Tst	0.004936	0.649924	3	3	0.61999	2.985507	2.365517	Higher in V	0.137504	0	1.722466	3.201634	2.584963	3.169925
ILMN_284	Slc47a1	0.004987	0.652842	3	3	5.652779	1.005974	4.646805	Higher in N	7.158862	5.232661	4.566815	0	3.017922	0
ILMN_258	Etfdh	0.005037	0.653939	3	3	0	2.693441	2.693441	Higher in V	0	0	0	2.608809	1.536053	3.93546
ILMN_260	Rnf139	0.005109	0.657795	3	3	0	2.589159	2.589159	Higher in V	0	0	0	1.887525	3.916477	1.963474
ILMN_296	Ypel4	0.005187	0.657918	3	3	3.237656	0.421011	2.816644	Higher in N	4.224966	2.137504	3.350497	0	1.263034	0
ILMN_125	Gtf2ird1	0.005255	0.657918	3	3	0	2.554809	2.554809	Higher in V	0	0	0	1.263034	3.419539	2.981853
ILMN_263	Il1rapl1	0.005263	0.657918	3	3	2.992713	0.512018	2.480695	Higher in N	3.620586	2.321928	3.035624	0	1.536053	0
ILMN_313	Prdm8	0.005275	0.657918	3	3	2.523488	0	2.523488	Higher in N	3.678072	1.432959	2.459432	0	0	0
ILMN_125	Astn2	0.005321	0.658183	3	3	0.629175	3.095941	2.466766	Higher in V	0	0	1.887525	3.104337	2.981853	3.201634
ILMN_254	Gm14692	0.00544	0.663853	3	3	2.717749	0.087678	2.630071	Higher in N	4.053111	2.292782	1.807355	0	0	0.263034
ILMN_259	Snap91	0.00559	0.670761	3	3	0.226024	2.92966	2.703636	Higher in V	0.678072	0	0	1.807355	4.153805	2.827819
ILMN_267	Cebpz	0.005751	0.681314	3	3	0.559357	2.91328	2.353923	Higher in V	0	0	1.678072	3.121015	3.185867	2.432959
ILMN_275	Il34	0.005906	0.692077	3	3	3.874826	0.828476	3.04635	Higher in N	3.776104	4.061776	3.786596	0	0	2.485427
ILMN_305	Smagp	0.00608	0.702379	3	3	0.574155	3.190498	2.616343	Higher in V	1.722466	0	0	3.632268	2.378512	3.560715
ILMN_124	Abl1	0.006162	0.703092	3	3	3.06815	0.512018	2.556132	Higher in N	2.201634	3.754888	3.247928	0	1.536053	0
ILMN_123	Mrap	0.006283	0.703379	3	3	3.457578	1.080613	2.376965	Higher in N	3.121015	3.666757	3.584963	0	2.104337	1.137504
ILMN_122	Frmd5	0.006342	0.703379	3	3	0.087678	2.480052	2.392374	Higher in V	0	0	0.263034	1.847997	3.744161	1.847997
ILMN_315	Ramp3	0.006346	0.703379	3	3	4.7283	2.052994	2.675306	Higher in N	4.596935	4.887525	4.70044	1.536053	3.485427	1.137504
ILMN_313	Thnsl1	0.00635	0.703379	3	3	0.559357	3.002623	2.443265	Higher in V	0	1.678072	0	3.378512	3.307429	2.321928
ILMN_274	Pigt	0.006597	0.720215	3	3	2.740086	0	2.740086	Higher in N	3.916477	1.321928	2.981853	0	0	0
ILMN_269	Pkd1l2	0.006736	0.724632	3	3	2.364351	0	2.364351	Higher in N	1.201634	2.485427	3.405992	0	0	0
ILMN_262	Rassf2	0.006804	0.724632	3	3	2.822807	0	2.822807	Higher in N	4.008989	3.137504	1.321928	0	0	0
ILMN_125	Mettl24	0.006845	0.724632	3	3	1.516146	4.313297	2.797151	Higher in V	2.378512	0	2.169925	3.972693	4.638074	4.329124
ILMN_297	Rnf43	0.006935	0.724632	3	3	1.045835	3.413332	2.367497	Higher in V	2	1.137504	0	3.153805	3.104337	3.981853
ILMN_123	2010005H	0.00698	0.724933	3	3	0.544089	3.06179	2.517701	Higher in V	0	0	1.632268	3.035624	3.827819	2.321928
ILMN_123	Samd14	0.007219	0.735293	3	3	2.806198	0.356796	2.449402	Higher in N	3.765535	2.887525	1.765535	1.070389	0	0

ILMN_124	Mapk12	0.00726	0.737085	3	3	3.378988	0.723308	2.655679	Higher in N	3.053111	3.733354	3.350497	0	0	2.169925
ILMN_264	Igf1	0.007286	0.737367	3	3	2.978669	0.282666	2.696004	Higher in N	1.722466	4.177918	3.035624	0	0.847997	0
ILMN_260	Cntln	0.00756	0.757826	3	3	0	2.880111	2.880111	Higher in V	0	0	0	1.263034	4.0268	3.350497
ILMN_261	Mmp10	0.007632	0.760172	3	3	6.628017	3.641805	2.986212	Higher in N	7.778734	6.249825	5.855491	4.61471	2.432959	3.877744
ILMN_124	Calr3	0.007648	0.760172	3	3	0.615999	3.005018	2.389019	Higher in V	1.847997	0	0	2.560715	3.472488	2.981853
ILMN_303	Slc7a2	0.007672	0.760172	3	3	2.55102	0	2.55102	Higher in N	4	1.765535	1.887525	0	0	0
ILMN_267	Lyg1	0.007792	0.764184	3	3	0.226024	5.45518	5.229156	Higher in V	0	0	0.678072	8.224966	5.375039	2.765535
ILMN_259	Krt6b	0.008073	0.772199	3	3	0	4.993839	4.993839	Higher in V	0	0	0	7.429616	5.381975	2.169925
ILMN_267	Ciita	0.008127	0.773137	3	3	1.354501	4.596424	3.241923	Higher in V	0.925999	0	3.137504	4.711495	4.981853	4.095924
ILMN_123	Hbp1	0.008355	0.781637	3	3	0	2.474302	2.474302	Higher in V	0	0	0	2.70044	3.584963	1.137504
ILMN_279	Cdsn	0.008602	0.794466	3	3	2.790659	7.28694	4.496281	Higher in V	0.765535	4.343408	3.263034	9.056367	6.716991	6.087463
ILMN_287	Srp19	0.008681	0.799408	3	3	0.69013	3.318736	2.628606	Higher in V	0	2.070389	0	3.432959	3.867896	2.655352
ILMN_121	Slc39a4	0.009019	0.817369	3	3	3.933527	0.801997	3.13153	Higher in N	2.925999	4.649615	4.224966	0	2.405992	0
ILMN_270	Dennd5b	0.009302	0.825369	3	3	1.202936	4.210901	3.007964	Higher in V	2.608809	1	0	4.578939	4.867896	3.185867
ILMN_277	Comp	0.009359	0.828184	3	3	2.837659	5.504659	2.667	Higher in V	1.584963	3.620586	3.307429	4.584963	6.29094	5.638074
ILMN_297	Rpap2	0.009453	0.831622	3	3	3.982156	0.907489	3.074667	Higher in N	4.459432	3.963474	3.523562	0	0	2.722466
ILMN_290	Coro2b	0.009625	0.839965	3	3	3.152295	0.712501	2.439794	Higher in N	2.827819	3.336283	3.292782	0	0	2.137504
ILMN_316	Mrpl1	0.009737	0.842876	3	3	2.901744	0.559357	2.342387	Higher in N	2.350497	3.722466	2.632268	1.678072	0	0
ILMN_248	Cacna1a	0.009825	0.843466	3	3	1.224519	3.682684	2.458165	Higher in V	0	2.137504	1.536053	3	4.314697	3.733354
ILMN_263	Rtbdn	0.010006	0.852109	3	3	2.499667	0.045835	2.453832	Higher in N	2.867896	3.560715	1.070389	0	0.137504	0
ILMN_273	Kif12	0.010141	0.854372	3	3	0.495142	3.110873	2.615731	Higher in V	0	0	1.485427	2.847997	4.314697	2.169925
ILMN_306	Tbx3	0.010384	0.864954	3	3	3.038261	0.642	2.396261	Higher in N	3.722466	2.807355	2.584963	0	0	1.925999
ILMN_277	Map3k5	0.01089	0.884479	3	3	0.459504	2.953075	2.493571	Higher in V	1.378512	0	0	2.104337	2.584963	4.169925
ILMN_123	Rbfox1	0.010998	0.886985	3	3	0.716853	3.318695	2.601842	Higher in V	1.887525	0	0.263034	2.584963	4.426265	2.944858
ILMN_262	Dhcr24	0.011095	0.886985	3	3	0.819811	3.658503	2.838692	Higher in V	2.459432	0	0	3.972693	2.906891	4.095924
ILMN_125	Ly6g6c	0.011154	0.886985	3	3	5.047794	7.768838	2.721043	Higher in V	4.121015	5.70044	5.321928	9.175175	7.320124	6.811214
ILMN_125	Tmem229a	0.011158	0.886985	3	3	1.269118	3.681249	2.41213	Higher in V	0	2.321928	1.485427	3.232661	4.300124	3.510962
ILMN_250	Wnt3	0.011228	0.886985	3	3	0	2.738915	2.738915	Higher in V	0	0	0	3.643856	3.57289	1
ILMN_285	4930502E:	0.011484	0.88767	3	3	3.958209	0.845351	3.112858	Higher in N	3.93546	4.921246	3.017922	2.536053	0	0
ILMN_121	Glrx3	0.011493	0.88767	3	3	3.56935	0.773976	2.795374	Higher in N	3.620586	2.765535	4.321928	0	0	2.321928
ILMN_249	Flrt1	0.011612	0.88767	3	3	1.063011	3.530018	2.467007	Higher in V	0	1.263034	1.925999	4.017922	4.1127	2.459432
ILMN_257	Plekha1	0.011711	0.88767	3	3	1.143428	3.887553	2.744125	Higher in V	0	1.137504	2.292782	4.053111	2.807355	4.802193
ILMN_253	Gpr113	0.012112	0.88767	3	3	2.861434	0.194988	2.666446	Higher in N	3.485427	1.201634	3.89724	0	0	0.584963
ILMN_289	2310002J1	0.012714	0.88767	3	3	0.990285	4.246188	3.255904	Higher in V	1.485427	0	1.485427	5.820179	4.432959	2.485427
ILMN_272	Krtap21-1	0.013138	0.88767	3	3	0	4.533235	4.533235	Higher in V	0	0	0	7.090642	4.786596	1.722466
ILMN_252	Extl2	0.013296	0.88767	3	3	3.285475	0.528321	2.757154	Higher in N	4.364572	1.847997	3.643856	0	0	1.584963
ILMN_244	Zfp287	0.013697	0.88767	3	3	3.318899	0.856821	2.462078	Higher in N	3.70044	3.070389	3.185867	0	0.137504	2.432959
ILMN_270	Sp6	0.013796	0.88767	3	3	2.024	5.609205	3.585205	Higher in V	2.906891	2.786596	0.378512	7.119979	5.744161	3.963474
ILMN_316	Akr1c19	0.013864	0.88767	3	3	0.69013	3.102362	2.412233	Higher in V	0	2.070389	0	3.364572	3.620586	2.321928
ILMN_254	5430419D	0.013931	0.88767	3	3	0	2.549488	2.549488	Higher in V	0	0	0	1.722466	4.247928	1.678072
ILMN_273	Chrna1	0.014019	0.88767	3	3	0.754345	3.117177	2.362832	Higher in V	2.263034	0	0	2.722466	3.336283	3.292782
ILMN_124	Olfr1085	0.014074	0.88767	3	3	3.465934	0.792837	2.673097	Higher in N	4	2.632268	3.765535	0	2.378512	0
ILMN_267	Tmem70	0.015052	0.88767	3	3	0	2.32991	2.32991	Higher in V	0	0	0	3.153805	3.070389	0.765535
ILMN_310	Masp2	0.015573	0.88767	3	3	0.836987	3.352902	2.515914	Higher in V	0	0	2.510962	3.733354	3.017922	3.307429
ILMN_267	Olfr536	0.015609	0.88767	3	3	2.385749	0	2.385749	Higher in N	0.847997	3.608809	2.70044	0	0	0
ILMN_279	Cd59b	0.015669	0.88767	3	3	3.846461	1.249129	2.597332	Higher in N	3.93546	3.776104	3.827819	2.981853	0	0.765535
ILMN_124	Bdnf	0.015707	0.88767	3	3	3.02873	0.615999	2.412731	Higher in N	4	2.981853	2.104337	0	1.847997	0
ILMN_124	Pp2d1	0.015921	0.88767	3	3	3.376876	0.792837	2.584039	Higher in N	2.744161	4.153805	3.232661	2.378512	0	0
ILMN_247	Arsi	0.016025	0.88767	3	3	1.373119	5.296596	3.923478	Higher in V	0	1.137504	2.981853	7.141596	5.426265	3.321928
ILMN_122	Ube2c	0.016394	0.88767	3	3	0.308666	2.735915	2.427249	Higher in V	0	0.925999	0	2.867896	4.017922	1.321928
ILMN_244	Wdr31	0.016543	0.88767	3	3	4.09698	1.56496	2.53202	Higher in N	3.906891	4.705978	3.678072	2.807355	0	1.887525
ILMN_244	Mtif3	0.016783	0.88767	3	3	0	3.163759	3.163759	Higher in V	0	0	0	2.765535	5.292782	1.432959
ILMN_276	Sohlh2	0.017221	0.88767	3	3	0	2.690988	2.690988	Higher in V	0	0	0	1	4.307429	2.765535
ILMN_283	Glis3	0.01732	0.88767	3	3	3.028928	0.701446	2.327482	Higher in N	2.560715	3.847997	2.678072	2.104337	0	0
ILMN_125	Clcnka	0.017896	0.88767	3	3	4.401573	1.092662	3.308912	Higher in N	3.744161	5.416164	4.044394	0	3.277985	0
ILMN_262	Rbpms2	0.017897	0.88767	3	3	3.152494	0.810986	2.341508	Higher in N	3.446256	3.104337	2.906891	0	0	2.432959
ILMN_122	Taar3	0.018354	0.88767	3	3	3.175896	0.801997	2.373899	Higher in N	3.536053	2.655352	3.336283	2.405992	0	0
ILMN_297	N4bp2	0.018857	0.88767	3	3	3.210877	5.574292	2.363415	Higher in V	3.754888	4.292782	1.584963	5.590961	5.880196	5.251719
ILMN_277	Habp4	0.019315	0.88767	3	3	3.592122	0.877423	2.7147	Higher in N	3.857981	4.240314	2.678072	0	0	2.632268
ILMN_264	Eif4e3	0.019447	0.88767	3	3	4.567583	1.178684	3.388899	Higher in N	3.944858	5.472488	4.285402	0	0	3.536053
ILMN_122	E230008N	0.019886	0.88767	3	3	2.626944	0.194988	2.431957	Higher in N	2.485427	1.201634	4.193772	0.584963	0	0
ILMN_261	Ctdp1	0.021054	0.88767	3	3	1.143874	3.835442	2.691568	Higher in V	0	0.378512	3.053111	3.217231	4.201634	4.087463
ILMN_259	Vmp1	0.021332	0.88767	3	3	4.075741	1.429207	2.646534	Higher in N	3.523562	4.590961	4.1127	1.070389	0	3.217231
ILMN_280	Gbp10	0.021476	0.88767	3	3	3.281012	0.845351	2.435661	Higher in N	2.744161	3.201634	3.89724	0	0	2.536053
ILMN_295	Myt1l	0.02162	0.88767	3	3	3.722342	1.005974	2.716368	Higher in N	3.981853	3.877744	3.307429	0	0	3.017922
ILMN_262	Krt31	0.021697	0.88767	3	3	0	4.548894	4.548894	Higher in V	0	0	0	7.231701	5.213347	1.201634
ILMN_124	Hook1	0.021908	0.88767	3	3	2.824325	0.495142	2.329183	Higher in N	3.807355	1.432959	3.232661	0	1.485427	0
ILMN_123	Nampt	0.021914	0.88767	3	3	0	2.729145	2.729145	Higher in V	0	0	0	0.925999	4.517276	2.744161
ILMN_269	Tgm5	0.022729	0.88767	3	3	0.987825	3.791922	2.804098	Higher in V	0	2.963474	0	4.209453	4.240314	2.925999
ILMN_316	Olfr243	0.023302	0.88767	3	3	3.224059	0.877423	2.346637	Higher in N	2.925999	3.498251	3.247928	0	0	2.632268
ILMN_121	Drd4	0.023984	0.88767	3	3	3.863723	1.495357	2.368366	Higher in N	3.446256	3.93546	4.209453	1.432959	0	3.053111
ILMN_271	Slitrk4	0.024019	0.88767	3	3	2.381383	5.688044	3.306661	Higher in V	3.523562	0	3.620586	6.467606	4.661065	5.93546
ILMN_121	Klk1b8	0.024229	0.88767	3	3	4.618018	2.232248	2.38577	Higher in N	5.569856	3.837943	4.446256	2.350497	0.847997	3.498251
ILMN_296	Tbkbp1	0.024848	0.88767	3	3	4.373373	1.634989	2.738384	Higher in N	4.078951	3.827819	5.213347	0	1.485427	3.419539
ILMN_271	Nup133	0.025215	0.88767	3	3	1.143428	4.090353	2.946925	Higher in V	2.944858	0.485427	0	3.017922	5.498251	3.754888
ILMN_282	Cybrd1	0.025653	0.88767	3	3	3.450166	0.900147	2.550019	Higher in N	4.350497	3	3	0	0	2.70044
ILMN_124	Krt24	0.026298	0.88767	3	3	3.721788	1.029154	2.692634	Higher in N	3.655352	4.292782	3.217231	0	0	3.087463
ILMN_123	Krtap9-3	0.02652	0.88767	3	3	0.853572	5.165148	4.311576	Higher in V	0	2.560715	0	7.767522	5.321928	2.405992
ILMN_124	Itgae	0.026972	0.88767	3	3	0	2.519029	2.519029	Higher in V	0	0	0	4.255501	2.536053	0.765535
ILMN_300	Fhad1	0.026998	0.88767	3	3	0.962508	3.429549	2.467041	Higher in V	2.887525	0	0	3.053111	3.459432	3.776104
ILMN_266	Rptn	0.027862	0.88767	3	3	1.121524	6.265605	5.144081	Higher in V	0	3.364572	0	9.470252	6.205549	3.121015
ILMN_275	Mllt1	0.027886	0.88767	3	3	3.815336	1.487569	2.327767	Higher in N	2.807355	4.232661	4.405992	1.807355	0	2.655352
ILMN_279	Il12rb1	0.02789	0.88767	3	3	2.52288	0	2.52288	Higher in N	3.584963	0.485427	3.498251	0	0	0

ILMN_251	Ppp2r2b	0.027969	0.88767	3	3	0.968964	3.614064	2.645101	Higher in V	0	0	2.906891	2.744161	4.321928	3.776104
ILMN_122	Apaf1	0.028334	0.88767	3	3	1.295517	3.806798	2.511282	Higher in V	0.765535	0	3.121015	3.053111	3.981853	4.385431
ILMN_277	Klf16	0.028795	0.88767	3	3	1.58257	4.078456	2.495886	Higher in V	0.925999	0.485427	3.336283	3.169925	4.177918	4.887525
ILMN_261	Lce3f /// LC	0.028917	0.88767	3	3	0.764261	3.384038	2.619778	Higher in V	0	2.292782	0	4.711495	3.336283	2.104337
ILMN_258	Cpeb2	0.029125	0.88767	3	3	2.125939	4.871455	2.745515	Higher in V	0	2.944858	3.432959	5.266787	5.193772	4.153805
ILMN_122	Arhgef15	0.030183	0.88767	3	3	0.981619	3.49939	2.517771	Higher in V	0	0	2.944858	3.336283	4.161888	3
ILMN_124	Sprr4	0.030305	0.88767	3	3	0	3.473916	3.473916	Higher in V	0	0	0	6.179909	1.137504	3.104337
ILMN_259	Kcnn2	0.03046	0.88767	3	3	3.887369	1.107309	2.78006	Higher in N	4.566815	3.405992	3.689299	0	3.321928	0
ILMN_123	Olfr371	0.030763	0.88767	3	3	3.389139	0.845351	2.543788	Higher in N	2.321928	4.523562	3.321928	0	2.536053	0
ILMN_285	Defb6	0.03086	0.88767	3	3	1.155325	4.151275	2.99595	Higher in V	0.765535	2.70044	0	6.098032	3.169925	3.185867
ILMN_264	Rprm	0.031798	0.88767	3	3	1.665162	5.734722	4.06956	Higher in V	4.857981	0.137504	0	7.088523	5.495056	4.620586
ILMN_122	Pan3	0.032153	0.88767	3	3	0.861654	3.29263	2.430976	Higher in V	0	0	2.584963	3.137504	4.307429	2.432959
ILMN_125	Sp6	0.033468	0.88767	3	3	2.675637	6.05946	3.383823	Higher in V	2.169925	4.655352	1.201634	7.608809	6.507795	4.061776
ILMN_124	Pkn3	0.033593	0.88767	3	3	0.981619	3.601215	2.619596	Higher in V	0	0	2.944858	3.666757	4.50462	2.632268
ILMN_263	Psmc6	0.03382	0.88767	3	3	1.913822	4.308471	2.394649	Higher in V	0	3.419539	2.321928	4.255501	4.590961	4.078951
ILMN_125	Cdsn	0.034218	0.88767	3	3	2.174312	4.883975	2.709663	Higher in V	3.596935	2.925999	0	5.649615	4.529821	4.472488
ILMN_251	Zfp36l2	0.034427	0.88767	3	3	3.814977	1.005974	2.809003	Higher in N	5.044394	2.678072	3.722466	3.017922	0	0
ILMN_121	Amigo1	0.03469	0.88767	3	3	1.760319	4.389818	2.6295	Higher in V	0	1.432959	3.847997	4.643856	4.472488	4.053111
ILMN_308	Whrn	0.034869	0.88767	3	3	0.993951	3.468557	2.474606	Higher in V	0	0	2.981853	4.224966	2.963474	3.217231
ILMN_122	Wee1	0.034901	0.88767	3	3	0.819811	3.157496	2.337685	Higher in V	2.459432	0	0	2.887525	4.263034	2.321928
ILMN_274	Prkd1	0.036816	0.88767	3	3	3.473098	1.040338	2.43276	Higher in N	3.510962	3.070389	3.837943	0	0	3.121015
ILMN_253	Tmem45a	0.037873	0.88767	3	3	3.984684	1.206862	2.777821	Higher in N	4.185867	3.446256	4.321928	3.620586	0	0
ILMN_297	LOC10050	0.038743	0.88767	3	3	1.07241	3.503854	2.431444	Higher in V	0	3.217231	0	3.485427	3.733354	3.292782
ILMN_125	Elovl4	0.040111	0.88767	3	3	1.605192	5.306444	3.701252	Higher in V	0	4.137504	0.678072	7.369815	5.013462	3.536053
ILMN_122	Fkbp6	0.041943	0.88767	3	3	3.452151	0.975333	2.476818	Higher in N	2.584963	4.523562	3.247928	0	0	2.925999
ILMN_121	Cdkn2c	0.042359	0.88767	3	3	1.092662	4.091148	2.998486	Higher in V	0	3.277985	0	4.385431	5.402586	2.485427
ILMN_123	Krt6b	0.042866	0.88767	3	3	0.379168	2.907064	2.527896	Higher in V	1.137504	0	0	4.958843	1.201634	2.560715
ILMN_295	Kremen2	0.043823	0.88767	3	3	1.545251	4.116335	2.571084	Higher in V	0	1.137504	3.498251	5.213347	3.981853	3.153805
ILMN_277	Tgm3	0.044359	0.88767	3	3	0	2.397687	2.397687	Higher in V	0	0	0	4.329124	2.378512	0.485427
ILMN_121	Mmab	0.045253	0.88767	3	3	4.207507	1.846903	2.360604	Higher in N	4.57289	4.201634	3.847997	1.807355	0	3.733354
ILMN_297	Sprr1a	0.047491	0.88767	3	3	3.349318	5.789654	2.440336	Higher in V	3.827819	2.827819	3.392317	7.667466	5.904484	3.797013
ILMN_124	Kprp	0.047551	0.88767	3	3	0	3.818432	3.818432	Higher in V	0	0	0	6.464342	4.72792	0.263034
ILMN_259	Tet1	0.047607	0.88767	3	3	0.810986	3.537088	2.726102	Higher in V	0	0	2.432959	4.857981	1.536053	4.217231
ILMN_122	Casp12	0.048029	0.88767	3	3	1.045835	3.473098	2.427264	Higher in V	0	0	3.137504	4.070389	2.510962	3.837943
ILMN_122	Agt	0.048224	0.88767	3	3	1.413438	4.467237	3.053799	Higher in V	0	4.240314	0	4.596935	5.104337	3.70044
ILMN_296	Rufy3	0.049684	0.88767	3	3	1.051268	3.374224	2.322956	Higher in V	0	3.153805	0	2.744161	3.378512	4