

Acc Number	WT/W vs WT/D	WT/FR vs WT/D	WT/R vs WT/D	WT/B vs WT/D	WT/W vs WT/36D	WT/36W vs WT/D	WTL/W vs WTL/36D	WT/FR vs phyA/FR	WT/R vs phyB/R	WT/B vs cry1:cry2/B	Pathways
N37414	48.025	10.121	36.023	12.77	1.899	9.091	0.699	3.707	1.078	3.615	1
T76714	30.233	19.608	27.657	13.325	3.687	7.797	2.889	3.049	2.248	1.974	1
N65655	30.211	18.198	32.078	18.338	4.96	7.936	2.402	2.818	2.809	3.001	1
R89981	27.934	13.246	22.315	12.436	3.076	7.095	2.889	2.78	2.099	1.965	1
AA067561	21.77	17.86	34.745	23.956	9.515	27.641	4.558	5.352	2.125	3.13	1
R89925	18.526	12.102	18.9	19.198	8.183	14.407	4.696	5.158	2.689	3.121	1
R90009	18.378	6.662	9.633	10.59	4.37	9.87	3.24	2.857	1.74	4.559	1
N96924	17.799	8.904	13.257	14.435	4.105	12.135	3.737	2.367	1.933	3.216	1
N64963	17.783	6.456	13.501	6.66	5.189	11.538	3.771	2.508	1.579	3.637	1
N97272	17.624	6.537	11.866	13.887	6.283	12.331	6.092	2.606	2.242	4.882	1
T21043	17.562	4.129	7.901	9.224	5.598	9.973	3.595	2.872	1.754	5.354	1
N65282	17.358	7.613	17.372	14.624	6.163	12.14	7.927	3.063	2.368	5.337	1
N38724	15.709	7.79	10.452	11.029	4.77	10.235	2.466	2.973	1.727	2.873	1
R64897	15.045	4.31	12.932	5.762	5.345	9.793	3.978	2.642	1.621	3.654	1
R84133	14.738	4.076	7.171	8.391	3.636	7.455	3.068	2.788	2.108	5	1
N65354	14.68	3.505	8.913	8.188	5.202	7.841	4.469	2.766	2.053	5.109	1
T42247	14.244	11.231	22.183	14.168	4.776	4.938	3.529	3.617	1.627	3.425	1
T42304	13.545	7.555	12.203	16.291	6.573	15.937	3.976	4.659	2.262	6.801	1
AA067553	13.42	6.294	9.803	10.112	6.123	9.482	2.93	2.798	1.587	3.211	1
H77121	12.864	4.847	12.381	9.293	2.751	8.347	2.769	1.718	1.872	2.843	1
N97275	12.455	4.619	10.311	7.685	4.326	8.59	3.47	1.77	1.74	3.208	1
R65444	12.121	3.597	10.564	9.031	4.739	9.915	3.659	2.183	1.744	3.912	1
W43284	12.011	6.805	7.6	8.613	4.838	9.384	2.284	3.024	1.435	3.924	1
AA067500	11.969	5.696	20.454	11.861	5.204	9.903	6.585	2.002	2.377	3.274	1
AA067556	11.021	3.767	6.652	6.508	4.434	7.758	2.73	2.318	1.538	3.347	1
T76136	10.959	2.309	3.592	4.365	3.829	4.052	2.827	2.521	1.469	4.379	1
T42484	10.834	2.847	7.029	6.129	3.903	7.338	5.727	2.832	1.386	6.188	1
H76699	10.416	6.026	15.569	12.288	5.927	7.521	4.968	2.23	2.243	2.527	1
N64928	10.285	6.653	11.791	6.92	3.156	6.687	2.374	2.195	1.858	3.131	1
T22961	10.148	3.656	6.499	6.567	3.88	7.725	2.277	2.65	1.657	2.723	1
T41755	10.015	5.723	5.148	7.672	3.229	7.181	1.336	2.318	1.201	2.859	1
N65272	9.825	2.868	5.578	5.011	3.214	5.283	2.938	1.962	1.478	3.053	1
T46116	9.755	1.857	3.579	4.441	4.335	3.804	2.139	2.168	1.579	2.578	1
T22307	9.6	5.82	20.488	11.579	4.922	9.324	5.982	2.033	2.016	3.02	1
AA067450	9.51	2.269	5.712	4.75	2.936	4.882	2.493	2.344	1.391	5.186	1
T45339	9.272	3.757	8.26	9.452	4.863	11.673	3.624	2.706	1.948	4.207	1
T45153	8.641	3.03	3.787	5.833	4.432	5.628	2.913	3.261	1.334	4.521	1
N64985	8.568	5.502	10.248	8.81	4.008	10.004	3.223	3.008	1.567	4.025	1
H76211	7.545	5.124	5.46	2.222	1.856	2.915	0.775	2.03	1.071	1.674	1
N65331	7.196	4.112	6.168	5.919	3.87	8.454	1.825	2.521	1.301	2.598	1
T21871	7.144	2.113	5.472	4.253	3.086	4.889	1.797	2.007	1.762	2.134	1
T21939	7.132	4.38	6.663	5.946	5.28	9.931	7.769	2.721	1.446	3.447	1
N65696	7.064	2.745	7.761	6.084	4.508	6.282	2.15	1.854	1.811	2.356	1
N96851	6.498	2.976	4.274	3.537	1.868	3.772	1.961	1.577	1.547	1.954	1
N37854	6.368	1.908	2.76	3.011	2.347	2.011	1.487	1.775	1.354	2.087	1
T21977	6.34	4.235	5.47	5.962	3.22	5.555	2.636	2.682	1.423	3.531	1
T43727	6.133	1.572	2.185	2.042	1.918	1.754	1.585	1.68	1.333	2.375	1
N96503	5.851	16.656	17.206	2.512	1.192	2.327	0.71	2.375	1.699	1.898	1
R90170	5.699	2.909	5.527	4.355	3.83	5.111	1.513	1.587	1.679	1.918	1
N96901	5.39	3.806	6.572	5.633	3.001	4.799	3.053	1.92	1.717	2.35	1

AA042555	5.141	2.329	2.747	5.304	6.004	7.113	2.22	2.535	1.064	5.036	1
W43301	4.366	2.183	4.031	4.689	4.041	6.196	2.337	2.305	1.385	3.066	1
W43165	4.077	1.914	4.426	4.019	2.853	3.035	2.79	1.476	1.716	2.281	1
T21992	3.817	2.264	2.876	4.322	3.253	4.488	1.666	3.283	1.84	3.431	1
T76732	3.536	1.694	3.347	4.342	2.532	3.56	2.027	1.804	2.184	2.784	1
H37734	9.037	2.289	3.661	2.995	2.755	2.841	2.273	2.438	1.544	3.136	1
T41667	16.517	8.325	9.918	12.226	5.027	9.374	4.593	4.158	1.235	5.063	2
H37653	16.015	7.767	14.001	13.418	7.488	12.381	4.12	4.819	2.201	3.552	2
N96973	14.628	4.994	8.421	8.658	5.584	11.51	5.453	3.708	1.386	8.274	2
T45355	14.193	2.927	8.437	7.049	5.379	8.609	4.761	3.292	1.806	7.216	2
T42338	13.028	6.765	10.328	10.357	5.138	12.121	7.168	2.88	1.463	5.37	2
N65785	10.914	5.109	8.182	6.334	4.76	7.192	4.582	3.187	1.388	5.926	2
N37467	10.033	2.23	4.177	4.66	2.725	4.719	2.989	2.507	1.246	5.297	2
R84072	9.541	3.685	5.237	9.616	4.725	9.388	3.593	3.796	1.675	5.077	2
T20527	9.089	4.104	6.475	7.94	4.901	8.953	6.58	2.858	1.442	5.108	2
R65085	8.231	3.122	7.1	6.324	5.251	7.985	3.528	2.941	1.466	4.474	2
N65417	7.789	4.858	7.038	8.285	2.993	9.64	3.77	3.158	1.273	3.468	2
H77172	7.537	4.554	6.611	7.89	4.47	10.212	5.959	2.929	1.233	5.364	2
N65289	7.18	3.564	4.93	5.608	3.388	4.983	4.391	2.728	1.446	4.23	2
R30415	5.934	2.463	4.61	4.352	5.414	5.352	2.638	3.092	1.285	3.997	2
T45406	5.368	1.526	2.08	1.892	2.038	2.305	1.145	1.793	1.093	2.091	2
AA067451	5.204	3.885	3.324	3.547	3.247	4.697	2.828	3.281	1.171	4.267	2
R30303	4.187	2.523	4.553	4.96	3.795	4.983	3.038	2.506	1.417	3.884	2
W43388	3.397	1.282	1.956	1.834	1.39	1.52	1.631	1.316	1.226	2.069	2
T21839	3.197	1.008	1.468	1.698	1.25	1.673	1.401	1.086	1.07	1.295	2
R65474	2.87	1.624	3.811	4.253	4.217	4.665	1.915	2.688	1.765	3.074	2
T88506	2.778	1.651	1.797	3.701	1.732	3.287	1.313	2.135	1.073	2.138	2
T41708	2.682	1.34	1.5	1.311	1.129	1.361	1.141	1.119	1.103	1.321	2
H76749	2.377	1.084	1.324	2.533	2.65	2.195	1.606	1.813	1.501	2.228	2
T21445	2.093	1.463	1.867	1.708	1.285	2.443	1.374	1.443	1.256	1.652	2
AA067477	3.015	1.304	1.94	1.82	1.851	1.646	1.759	1.341	1.226	1.525	2
T42338	13.028	6.765	10.328	10.357	5.138	12.121	7.168	2.88	1.463	5.37	3
R30415	5.934	2.463	4.61	4.352	5.414	5.352	2.638	3.092	1.285	3.997	3
T46127	3.885	2.14	2.833	6.298	4.252	8.21	3.942	3.179	1.747	2.964	3
H37477	9.878	2.625	4.019	3.194	3.365	3.572	2.969	2.541	1.448	4.768	4
R90501	7.79	3.334	4.373	5.241	2.155	4.755	1.402	2.345	1.417	2.41	4
T44833	4.432	1.39	2.247	2.819	2.434	2.877	1.251	1.851	1.266	2.618	4
T44007	2.449	1.25	2.232	1.303	1.07	0.938	0.951	1.193	1.503	1.22	4
R90611	2.722	1.569	2.469	2.077	1.285	3.182	1.788	2.054	1.128	1.923	4
H36790	23.361	8.769	17.464	10.047	3.337	6.031	2.144	2.577	2.196	1.926	5
H37653	16.015	7.767	14.001	13.418	7.488	12.381	4.12	4.819	2.201	3.552	5
N96973	14.628	4.994	8.421	8.658	5.584	11.51	5.453	3.708	1.386	8.274	5
T45355	14.193	2.927	8.437	7.049	5.379	8.609	4.761	3.292	1.806	7.216	5
N65785	10.914	5.109	8.182	6.334	4.76	7.192	4.582	3.187	1.388	5.926	5
N65614	7.139	5.557	5.213	5.935	2.752	6.88	1.96	3.409	1.068	3.784	5
T88300	4.024	3.202	3.105	4.816	3.012	4.429	3.682	2.982	1.252	4.221	5
N65055	7.198	5.015	6.183	7.411	4.059	8.947	2.142	4.343	1.207	4.32	5
T22269	5.794	1.108	1.93	1.595	1.504	1.198	1.492	1.43	1.299	2.102	6
N65294	3.485	2.724	3.445	3.585	3.599	4.034	2.439	2.162	1.22	2.514	6
T41690	2.81	1.151	1.742	1.285	0.841	1.025	0.793	1.318	1.303	1.297	6
T42020	2.014	1.164	1.272	1.2	0.982	1.134	1.27	1.22	1.162	1.051	6
T21445	2.093	1.463	1.867	1.708	1.285	2.443	1.374	1.443	1.256	1.652	6

H37190	7.47	1.551	2.482	2.405	2.401	2.268	1.867	1.954	1.441	2.539	7
R65123	6.962	1.738	2.442	2.365	1.987	2.044	2.394	1.691	1.385	2.378	7
N65252	6.567	3.728	4.225	6.64	3.768	6.045	6.696	3.294	1.457	5.661	7
T45395	5.157	1.754	2.219	1.706	1.144	1.516	0.976	1.703	1.193	1.675	7
H76234	4.743	2.032	2.289	2.42	1.732	1.879	2.023	2.092	1.284	1.497	7
T45303	9.885	1.963	4.14	4.413	3.476	4.175	2.304	2.268	1.62	3.826	8
R30388	8.975	1.636	3.826	3.73	2.637	3.757	2.912	2.293	1.298	4.398	8
T22094	3.066	1.223	1.618	1.425	1.291	1.357	1.023	1.26	1.054	1.512	8
T23006	7.698	1.665	3.013	3.255	2.239	2.85	2.33	2.038	1.517	2.749	8
N65089	3.021	1.797	1.983	2.046	1.45	1.694	1.827	1.57	1.247	1.604	8
H37643	2.983	2.365	4.191	2.201	2	1.009	0.958	0.854	1.884	1.395	8
R90609	2	1.105	1.071	1.01	1.031	1.695	0.797	1.247	0.903	0.966	8
R30555	2.442	1.835	1.735	3.742	0.783	1.406	0.606	2.693	1.146	1.066	8
H37087	4.032	2.009	3.707	3.456	2.52	4.779	1.922	2.581	1.729	2.744	9
H37220	3.996	2.114	2.94	3.864	2.565	4.867	2.187	2.567	1.996	3.462	9
T46229	3.518	1.473	1.721	2.73	2.186	4.194	1.393	2.231	1.49	2.205	9
T75800	3	1.425	2.416	2.348	2.388	4.411	1.907	2.267	1.558	2.61	9
T22615	2.97	1.872	2.081	1.904	1.492	2.894	1.607	1.962	1.465	2.355	9
T76754	2.938	1.483	1.981	2.413	1.07	2.481	1.114	2.218	1.945	1.965	9
N38163	2.926	1.847	2.749	2.202	1.636	4.9	1.915	2.62	1.663	2.741	9
R90001	2.899	1.826	1.446	1.93	2.612	1.759	0.444	1.914	1.047	2.747	9
N95918	2.868	1.905	2.883	2.062	1.606	3.524	1.414	2.278	1.398	2.229	9
T22306	2.834	1.482	2.194	2.198	2.093	3.795	1.301	2.159	1.263	2.196	9
H76281	2.804	1.629	2.488	2.557	2.147	2.997	2.452	2.154	1.388	2.082	9
R29905	2.793	1.663	1.296	2.274	2.619	1.481	0.667	1.823	1.157	2.348	9
N65386	2.775	1.781	1.914	2.075	1.148	2.282	1.018	2.968	1.085	2.143	9
H37194	2.775	1.875	2.708	1.924	1.58	2.944	1.492	2.018	1.449	2.097	9
T22494	2.754	1.783	1.554	2.699	2.34	3.36	2.507	2.239	1.835	2.422	9
T21969	2.603	1.321	2.327	2.873	2.263	3.572	1.648	2.287	1.891	2.588	9
H36021	2.343	1.771	2.063	2.067	1.828	3.34	1.184	1.962	1.14	1.92	9
R30312	2.047	1.434	2.172	1.771	1.746	3.879	1.549	2.076	1.472	1.762	9
T45184	3.355	1.746	2.936	2.85	2.123	4.189	2.125	2.117	1.579	2.297	9
H76697	3.146	1.675	2.854	3.094	2.193	4.506	1.854	2.228	1.922	2.695	9
T21453	2.157	1.515	1.655	1.674	1.269	2.418	1.27	1.857	1.647	1.847	9
R84143	4.447	2.176	3.686	2.911	2.556	5.57	2.097	2.464	1.532	2.797	9
N38234	12.349	2.846	4.827	5.824	4.851	6.63	3.634	3.199	1.606	6.36	9
T76141	3.049	1.035	1.652	1.114	1.164	0.963	1.155	0.793	1.17	1.219	9
H37660	10.421	2.409	4.207	4.727	3.84	4.923	3.072	2.878	1.522	5.48	9
N37155	3.001	2.931	2.968	3.597	2.308	3.578	1.742	2.703	1.324	2.553	9
R65060	2.81	3.036	2.298	1.422	1.357	1.786	1.686	1.397	1.169	1.14	9
T22808	2.498	2.061	1.543	1.85	1.696	2.092	1.042	1.682	0.989	1.611	9
T46137	2.206	1.066	1.308	1.259	1.17	1.458	0.964	1.118	1.091	1.243	9
T21435	5.599	1.6	2.89	2.409	1.591	2.483	0.644	1.919	1.347	3.025	9
T41756	2.47	1.623	3.362	2.105	2.29	2.439	2.044	2.017	1.689	1.743	9
T43519	19.654	5.084	13.422	9.021	2.206	4.868	2.671	1.79	1.879	1.928	9
R90550	14.752	3.141	5.877	6.271	4.663	5.923	3.342	2.485	1.68	3.777	9
N96709	10.668	6.438	9.343	7.49	3.53	7.717	2.906	2.699	1.592	2.54	9
T76307	5.575	1.367	1.698	1.614	1.643	1.523	1.583	1.497	1.214	1.711	9
N97006	4.062	2.694	3.647	4.483	2.518	4.313	1.867	2.033	1.44	2.707	9
H36452	2.877	1.41	1.934	1.84	1.351	2.764	1.41	2.003	1.243	1.206	9
T22933	2.593	1.254	1.516	1.363	1.111	1.895	1.316	1.503	1.004	1.152	9
W43375	2.061	2.779	2.484	1.818	1.853	3.289	1.289	2.375	1.286	1.763	9

T41822	2.136	1.224	1.788	1.537	1.777	2.286	1.501	1.887	1.018	1.418	9
H37705	4.487	1.707	3.062	2.481	2.439	1.856	1.517	1.689	1.264	1.766	9
N37210	3.898	1.151	1.915	1.601	1.63	1.643	1.644	1.506	1.204	2.662	9
T75871	3.324	1.213	1.564	1.07	1.181	1.432	1.135	1.303	1.014	1.385	9
T43977	2.963	1.309	1.642	1.419	1.168	0.899	1.094	1.164	1.298	1.215	9
T46809	2.067	1.016	1.526	1.031	1.249	1.295	0.983	1.101	1.112	1.219	9
H36638	6.048	1.777	4.212	2.473	1.582	1.908	1.808	1.782	1.787	1.456	9
T21216	4.98	1.576	2.494	1.976	2.221	2.822	1.602	1.696	1.135	2.234	9
N65348	2.307	1.948	1.578	1.148	1.178	1.421	1.434	1.04	0.939	1.254	9
T44237	24.521	12.601	25.437	16.907	6.683	10.943	3.313	3.365	1.768	4.055	9
T41890	9.206	1.68	3.183	3.233	2.544	2.309	1.053	2.16	1.55	3.865	9
T21452	2.299	1.306	1.622	1.256	0.95	1.145	0.68	1.098	1.147	1.223	9
T44237	24.521	12.601	25.437	16.907	6.683	10.943	3.313	3.365	1.768	4.055	9
N65136	10.055	3.614	6.731	4.14	1.978	2.717	1.66	1.385	1.433	1.995	9
N96728	2.263	1.227	1.448	1.281	1.021	1.314	1.555	1.11	1.018	1.203	9
H76541	2.269	1.431	1.734	1.479	1.271	1.396	1.103	1.728	1.143	1.267	9
R90467	7.634	1.569	2.521	2.535	2.052	2.462	2.305	1.918	1.277	2.34	9
N65414	17.447	5.602	11.372	6.602	1.944	3.882	2.014	1.938	1.561	1.978	10
N65059	12.458	2.622	5.874	6.385	3.463	6.591	5.154	3.04	1.503	7.128	10
R87025	6.902	1.655	2.633	2.601	2.023	2.123	1.402	1.861	1.301	2.531	10
N96893	5.679	0.968	1.489	1.511	1.444	2.326	1.32	1.696	1.29	1.05	10
T44254	5.477	1.62	3.833	2.456	1.882	1.15	1.386	1.402	1.805	1.488	10
T20737	4.028	1.702	3.052	3.113	1.813	3.207	2.208	1.848	1.751	1.831	10
T46585	3.853	1.025	2.106	1.913	1.425	1.955	2.254	1.375	1.312	1.525	10
T20565	3.801	1.312	2.118	2.094	1.527	2.307	1.13	1.306	1.27	1.518	10
T43973	3.263	1.662	2.439	2.019	1.107	0.951	1.024	1.143	1.266	1.689	10
T22246	2.936	0.986	1.383	1.348	1.187	1.753	1.291	1.404	1.101	1.26	10
T44172	2.781	1.123	1.403	1.228	1.03	1.64	1.201	1.253	0.97	1.132	10
N37160	2.697	1.179	1.466	1.319	1.23	1.682	1.419	1.171	1.043	1.199	10
T21507	2.626	1.065	1.789	1.913	1.427	3.132	1.328	2.226	1.128	1.333	10
R30026	2.572	1.242	1.857	1.653	1.117	2.861	1.314	1.747	1.25	1.252	10
N37657	2.209	0.989	1.89	1.421	1.126	2.976	1.333	1.687	1.143	1.099	10
T76601	3.765	1.219	1.505	1.377	1.161	1.595	1.197	1.5	1.092	1.394	10
T22055	2.452	1.301	1.988	1.643	1.022	2.977	1.285	2.005	1.37	1.131	10
R29942	2.246	4.742	4.06	2.139	0.976	1.453	0.879	3.495	0.778	0.838	10
T45388	2.206	1.148	1.537	1.012	1.003	1.177	1.107	1.183	1.133	1.396	10
T42655	2.054	1.893	1.563	2.466	1.411	2.448	0.315	1.124	0.795	1.429	10
T75833	10.324	2.091	3.54	3.388	3.013	3.845	2.318	2.606	1.394	3.632	10
N37721	4.738	2.119	3.659	3.377	2.403	4.874	2.422	2.373	2.074	2.713	10
N38653	3.449	1.18	1.958	1.939	1.43	3.443	1.848	1.937	1.263	1.615	10
H36094	3.043	1.51	2.447	1.732	1.132	3.215	1.326	1.851	1.183	1.191	10
N65231	2.974	1.976	2.972	2.546	1.985	4.687	1.716	2.298	1.536	2.175	10
T75951	3.076	1.846	2.653	3.223	2.269	5.049	2.271	2.54	1.808	2.511	10
N38234	12.349	2.846	4.827	5.824	4.851	6.63	3.634	3.199	1.606	6.36	10
T76141	3.049	1.035	1.652	1.114	1.164	0.963	1.155	0.793	1.17	1.219	10
H37660	10.421	2.409	4.207	4.727	3.84	4.923	3.072	2.878	1.522	5.48	10
N37155	3.001	2.931	2.968	3.597	2.308	3.578	1.742	2.703	1.324	2.553	10
R65060	2.81	3.036	2.298	1.422	1.357	1.786	1.686	1.397	1.169	1.14	10
T22808	2.498	2.061	1.543	1.85	1.696	2.092	1.042	1.682	0.989	1.611	10
T46137	2.206	1.066	1.308	1.259	1.17	1.458	0.964	1.118	1.091	1.243	10
T21435	5.599	1.6	2.89	2.409	1.591	2.483	0.644	1.919	1.347	3.025	10
T41756	2.47	1.623	3.362	2.105	2.29	2.439	2.044	2.017	1.689	1.743	10

T43519	19.654	5.084	13.422	9.021	2.206	4.868	2.671	1.79	1.879	1.928	10
R90550	14.752	3.141	5.877	6.271	4.663	5.923	3.342	2.485	1.68	3.777	10
N96709	10.668	6.438	9.343	7.49	3.53	7.717	2.906	2.699	1.592	2.54	10
T76307	5.575	1.367	1.698	1.614	1.643	1.523	1.583	1.497	1.214	1.711	10
N97006	4.062	2.694	3.647	4.483	2.518	4.313	1.867	2.033	1.44	2.707	10
H36452	2.877	1.41	1.934	1.84	1.351	2.764	1.41	2.003	1.243	1.206	10
T22933	2.593	1.254	1.516	1.363	1.111	1.895	1.316	1.503	1.004	1.152	10
W43375	2.061	2.779	2.484	1.818	1.853	3.289	1.289	2.375	1.286	1.763	10
T41822	2.136	1.224	1.788	1.537	1.777	2.286	1.501	1.887	1.018	1.418	10
H37705	4.487	1.707	3.062	2.481	2.439	1.856	1.517	1.689	1.264	1.766	10
N37210	3.898	1.151	1.915	1.601	1.63	1.643	1.644	1.506	1.204	2.662	10
T75871	3.324	1.213	1.564	1.07	1.181	1.432	1.135	1.303	1.014	1.385	10
T43977	2.963	1.309	1.642	1.419	1.168	0.899	1.094	1.164	1.298	1.215	10
T46809	2.067	1.016	1.526	1.031	1.249	1.295	0.983	1.101	1.112	1.219	10
H36638	6.048	1.777	4.212	2.473	1.582	1.908	1.808	1.782	1.787	1.456	10
T21216	4.98	1.576	2.494	1.976	2.221	2.822	1.602	1.696	1.135	2.234	10
N65348	2.307	1.948	1.578	1.148	1.178	1.421	1.434	1.04	0.939	1.254	10
T44237	24.521	12.601	25.437	16.907	6.683	10.943	3.313	3.365	1.768	4.055	10
T41890	9.206	1.68	3.183	3.233	2.544	2.309	1.053	2.16	1.55	3.865	10
T21452	2.299	1.306	1.622	1.256	0.95	1.145	0.68	1.098	1.147	1.223	10
T44237	24.521	12.601	25.437	16.907	6.683	10.943	3.313	3.365	1.768	4.055	10
N65136	10.055	3.614	6.731	4.14	1.978	2.717	1.66	1.385	1.433	1.995	10
N96728	2.263	1.227	1.448	1.281	1.021	1.314	1.555	1.11	1.018	1.203	10
H76541	2.269	1.431	1.734	1.479	1.271	1.396	1.103	1.728	1.143	1.267	10
R90467	7.634	1.569	2.521	2.535	2.052	2.462	2.305	1.918	1.277	2.34	10
T43508	8.846	2.288	4.272	2.328	1.459	1.558	1.287	1.322	1.416	1.412	11
T44824	4.928	1.363	1.967	2.018	1.512	3.722	1.584	2.095	1.122	1.705	11
H36487	4.835	1.995	3.359	5.005	4.629	4.145	1.163	2.943	2.342	3.873	11
T45207	3.002	0.825	1.459	1.181	1.306	1.235	3.124	1.154	1.28	0.887	11
H36324	10.902	2.663	5.99	3.877	2.258	2.615	1.826	1.811	1.813	1.43	11
T42024	7.392	2.174	3.437	2.567	3.395	2.813	1.797	2.157	1.516	3.585	11
N38616	10.357	2.632	4.452	4.516	3.722	5.179	3.443	2.963	1.489	4.843	11
T75870	3.27	1.176	1.607	1.497	1.504	1.237	1.542	1.172	1.08	1.413	11
N64970	8.408	6.468	6.603	6.833	2.19	6.135	2.475	4.483	1.455	4.105	12
AA067390	6.613	1.626	3.041	2.794	1.906	1.878	1.709	1.642	1.417	2.388	12
T44840	6.236	1.152	2.359	1.663	1.515	2.087	1.707	1.49	1.313	1.821	12
N37439	5.914	1.709	2.303	2.379	2.814	2.574	1.647	1.964	1.294	2.507	12
N37506	4.634	1.074	1.962	1.4	1.676	2.041	1.776	2.434	1.043	1.963	12
N38621	3.885	1.2	1.215	1.656	1.256	1.52	1.219	1.453	1.2	1.632	12
T45813	3.807	3.067	3.307	4.387	2.976	4.502	3.463	2.903	1.155	3.83	12
N65531	3.418	1.053	1.091	0	0	0	0.956	0	0	0	12
R65137	3.351	1.07	1.326	1.183	1.188	1.202	1.084	1.045	1.104	1.399	12
T41877	2.802	1.324	1.778	1.241	1.187	1.355	1.256	1.379	1.184	1.467	12
R90417	2.561	1.317	1.189	1.08	1.425	1.565	1.305	1.766	1.223	1.467	12
T20692	2.444	1.182	1.554	1.246	1.232	1.467	1.29	1.304	1.142	1.191	12
T44000	2.353	1.222	1.593	2.764	2.319	1.335	1.554	1.942	1.269	2.487	12
T22083	2.245	1.942	2.257	2.213	1.64	1.822	1.41	1.608	1.078	1.839	12
T46215	2.106	0.801	1.054	1.133	1.24	1.018	1.426	0.969	0.929	1.163	12
T43683	17.937	5.472	9.658	6.828	2.096	3.732	2.212	1.727	1.61	1.88	13
R90339	5.437	1.596	2.104	1.752	1.85	1.72	1.885	1.584	1.39	2.043	13
T22112	3.005	1.235	2.105	1.375	1.436	1.34	1.514	1.278	1.267	1.768	13
T44086	2.81	1.061	2.511	1.318	0.996	0.973	1.39	1.05	1.179	1.122	13

T44215	11.788	2.979	7.472	6.438	3.35	2.936	1.861	1.971	2.064	2.368	14
N96938	8.105	2.72	4.59	4.914	1.679	4.111	1.312	1.866	1.369	1.581	14
R65516	7.979	1.664	2.48	2.641	2.331	2.178	1.842	1.803	1.334	2.707	14
AA067552	6.698	1.623	2.255	1.962	2.106	2.151	1.958	1.797	1.146	2.106	14
T22697	6.677	1.303	2.288	2.001	2.326	2.026	1.887	1.826	1.271	2.493	14
T21837	6.559	1.277	1.933	2.192	2.083	2.057	1.614	1.564	1.285	2.197	14
N65359	5.411	2.271	4.037	1.778	1.429	1.536	1.596	1.22	1.681	1.352	14
T42643	4.941	2.383	1.939	2.199	3.275	5.569	4.86	3.778	1.333	2.178	14
AA067447	3.668	1.165	2.089	2.081	1.673	1.815	2.252	1.47	1.221	1.867	14
T22223	2.738	0.948	1.252	1.07	1.208	1.406	1.357	1.293	1.104	1.397	14
T43966	2.569	1.175	1.606	1.39	1.099	1.623	0.964	1.302	0.986	1.032	14
R89962	2.464	1.46	1.77	2.052	1.635	2.184	1.448	1.361	1.2	1.645	14
N96724	2.183	1.366	1.635	1.544	1.176	1.326	1.61	1.205	0.947	1.329	14
N65315	2.121	1.713	1.638	1.7	1.918	1.711	0.911	1.391	1.151	1.99	14
T43527	2.268	1.092	1.609	0.962	0.96	0.976	0.855	0.967	1.103	1.148	14
H37674	12.217	5.397	8.34	5.769	3.85	2.821	1.646	1.875	2.72	2.512	15
T45407	5.502	2.79	3.879	2.949	1.753	2.461	1.696	1.788	1.352	1.818	15
T88587	4.824	1.754	2.418	1.862	1.63	1.833	1.981	1.599	1.194	1.67	15
T44390	4.622	1.929	3.635	2.996	2.758	3.877	1.698	1.609	1.446	1.828	15
N97261	4.506	0.905	0.76	0.85	0.942	1.28	1.116	0.884	1.02	0.889	15
AA067508	4.306	2.154	3.078	2.322	1.963	2.571	2.047	1.701	1.375	1.714	15
T21483	4.036	1.672	2.588	2.478	2.073	2.388	1.974	1.808	1.707	2.298	15
N65277	3.647	2.576	3.662	2.846	2.182	2.283	2.443	1.552	1.48	1.723	15
T21404	3.052	1.05	1.328	1.492	1.336	1.461	1.327	1.225	1.09	1.412	15
T88568	3	1.545	2.478	2.299	1.733	2.208	1.414	1.792	1.417	2.175	15
T43758	2.701	1.257	2.017	1.853	1.261	1.701	1.4	1.32	1.561	1.65	15
W43141	2.322	1.187	0.691	2.819	3.278	3.026	2.896	1.283	1.404	1.89	15
N65105	2.267	1.167	1.541	1.475	1.116	1.329	1.22	1.167	1.262	1.147	15
R65126	2.263	0.635	1.085	1.142	1.057	1.096	1.671	1.057	1.38	1.141	15
N37174	2.076	0.892	1.244	1.019	1.033	1.214	1.009	1.02	1.063	1.081	15
T45602	8.961	3.296	5.492	6.137	5.479	7.966	3.47	4.197	1.256	4.677	15
N38312	5.939	3.165	4.394	3.624	2.58	3.157	1.67	1.931	1.745	2.493	15
T46782	5.916	1.794	2.897	2.533	2.221	1.722	1.584	1.47	1.303	2.244	15
N37939	5.531	1.275	2.17	1.928	1.586	1.546	1.571	1.504	1.365	2.294	15
T45407	5.502	2.79	3.879	2.949	1.753	2.461	1.696	1.788	1.352	1.818	15
N38053	5.423	1.584	2.624	2.503	2.221	2.263	2.245	1.923	1.407	2.691	15
R65280	3.35	1.216	2.305	1.78	1.273	1.911	1.616	1.439	1.346	1.415	15
T75710	2.288	1.524	2.99	1.783	1.331	1.096	1.436	1.365	1.228	1.453	15
H37619	0.292	0.692	0.326	0.571	0.736	0.36	0.184	0.436	0.549	0.759	16
N95901	0.362	0.642	0.494	0.732	0.707	0.55	0.778	0.604	0.815	0.719	16
N96593	0.494	1.498	0.461	0.67	0.606	0.683	0.702	0.608	0.82	0.767	16
T46520	0.279	0.41	0.376	0.45	0.631	0.331	0.498	0.499	0.716	0.698	17
T22967	0.343	0.587	0.434	0.5	0.598	0.608	0.623	0.521	0.628	0.744	17
N96571	0.467	1.108	0.747	0.914	0.82	0.628	0.565	0.729	0.94	0.762	17
N65491	0.223	0.338	0.256	0.392	0.272	0.324	0.185	0.288	0.704	0.402	17
N96608	0.031	0.159	0.04	0.09	0.026	0.044	0.217	0.17	0.318	0.363	18
T41745	0.143	0.301	0.24	0.158	0.284	0.125	0.667	0.151	0.477	0.248	18
R29778	0.156	0.437	0.287	0.228	0.227	0.544	0.684	0.381	0.972	0.571	18
W43767	0.157	1.372	0.128	0.516	0.547	0.184	0.029	0.305	0.355	0.78	18
W43562	0.232	0.606	0.549	0.622	0.623	0.617	0.925	0.58	0.845	0.594	18
H37062	0.256	0.453	0.27	0.496	0.279	0.254	0.227	0.558	0.507	0.412	18
W43496	0.27	1.085	0.405	0.23	0.426	0.265	0.944	0.555	0.959	0.71	18

N65329	0.305	0.679	0.436	0.296	0.572	0.246	0.47	0.999	0.976	0.489	18
T22346	0.331	0.849	0.336	0.405	0.382	0.283	0.127	0.571	0.566	0.587	18
N96075	0.354	1.052	0.399	0.702	0.602	0.507	0.549	0.518	0.727	0.584	18
N96395	0.07	0.157	0.075	0.137	0.584	0.254	0.126	0.181	0.259	0.282	18
N96581	0.152	0.435	0.226	0.334	0.612	0.427	0.409	0.478	0.603	0.504	18
H76577	0.27	0.518	0.345	0.429	0.531	0.368	0.425	0.536	0.667	0.451	18
N65889	0.286	0.699	0.288	0.724	0.528	0.647	1.19	1.387	0.94	0.612	18
H76706	0.295	0.628	0.534	0.339	0.531	0.282	0.974	0.902	0.803	0.535	18
N97208	0.4	0.335	0.606	0.43	1.298	0.887	1.354	0.335	0.774	0.383	18
N65901	0.464	0.468	0.669	0.45	1.302	0.884	1.45	0.322	0.772	0.381	18
N96502	0.155	0.448	0.21	0.342	0.224	0.256	0.288	0.298	0.614	0.323	18
H36206	0.171	0.381	0.215	0.19	0.334	0.427	1.911	0.114	1.01	0.359	18
N37371	0.174	0.34	0.325	0.38	0.245	0.205	0.669	0.288	0.729	0.517	18
T42545	0.367	0.533	0.441	0.598	0.442	0.615	0.531	0.542	0.865	0.53	18
N96993	0.402	0.574	0.464	0.42	0.487	0.376	0.268	0.539	1.011	0.664	18
N65204	0.41	1.196	0.471	0.636	0.509	0.447	0.399	0.583	0.767	0.609	18
N38462	0.436	1.017	0.586	0.84	0.438	0.42	0.983	0.608	0.981	0.568	18
R65385	0.21	0.727	0.235	0.568	0.31	0.107	1.522	1.791	1.105	0.846	18
N37536	0.416	0.584	0.572	0.867	0.565	0.67	0.805	0.47	0.905	0.517	18
T88570	0.163	0.86	0.449	0.444	0.52	0.428	0.385	0.609	0.734	0.369	19
T45136	0.19	0.47	0.232	0.54	0.254	0.127	0.361	0.273	0.837	0.709	19
N96913	0.254	0.826	0.504	0.576	0.559	0.241	0.304	0.584	1.005	0.669	19
N65690	0.271	0.45	0.435	0.838	0.314	0.172	0.8	0.507	0.921	0.658	19
N64968	0.386	1.159	0.808	0.859	0.759	0.32	0.861	0.499	1.13	0.801	19
T22103	0.204	0.404	0.381	0.336	0.267	0.163	0.803	0.369	0.967	0.828	20
T42589	0.272	0.552	0.47	0.684	0.397	0.276	0.569	0.492	1.042	0.902	20
N96473	0.282	0.681	0.451	0.758	0.445	0.214	0.438	0.568	0.831	0.714	20
N96511	0.298	0.93	0.539	0.916	0.477	0.331	0.504	0.753	0.867	0.964	20
N96516	0.307	0.88	0.536	1.066	0.538	0.347	0.651	0.579	0.973	0.871	20
N37195	0.057	0.548	0.141	0.231	0.255	0.173	1.754	0.137	0.956	0.082	21
W43256	0.081	0.332	0.197	0.199	0.258	0.138	1.78	0.13	1.29	0.096	21
T76397	0.193	0.519	0.373	0.293	0.615	0.548	0.657	0.732	0.633	0.415	21
T44718	0.236	0.853	0.315	0.522	0.636	0.438	0.436	0.21	0.553	0.347	21
R29819	0.251	0.737	0.468	0.487	0.575	0.388	0.99	0.536	0.823	0.661	21
W43439	0.329	0.803	0.589	0.572	0.66	0.769	0.933	0.77	0.807	0.597	21
N97039	0.329	0.745	0.61	0.6	0.699	0.763	1.358	0.806	0.932	0.708	21
H76420	0.459	0.519	0.385	0.492	0.454	0.31	0.4	0.731	0.872	0.715	21
T43992	0.428	0.709	0.628	0.812	0.916	0.693	0.948	0.795	1.046	0.782	21
N65718	0.158	0.54	0.234	0.415	0.397	0.53	0.444	0.39	0.598	0.425	22
N96756	0.182	1.492	0.352	0.279	0.287	0.05	0.055	2.578	0.633	0.534	22
N96356	0.226	0.437	0.413	0.675	0.509	0.362	1.811	0.347	0.86	0.638	22
H36556	0.326	0.771	0.579	0.633	0.714	0.627	0.45	0.645	0.821	0.63	22
T45489	0.357	0.762	0.689	0.457	0.659	0.985	0.746	1.048	0.753	0.611	22
N96617	0.419	1.538	0.637	0.647	0.814	1.206	0.888	1.691	0.994	0.853	22
T43992	0.428	0.709	0.628	0.812	0.916	0.693	0.948	0.795	1.046	0.782	22
T46178	0.456	0.937	0.501	0.702	0.818	0.466	0.898	0.752	0.828	0.653	22
N96110	0.496	0.869	0.638	0.755	0.608	0.525	0.301	0.537	0.756	0.506	22
N96518	0.248	0.724	0.442	0.541	0.507	0.398	0.537	0.71	0.853	0.649	23
N96948	0.328	0.763	0.691	0.799	0.676	0.32	0.512	0.65	0.938	0.874	23
N65908	0.35	1.776	0.451	0.438	0.806	1.336	0.353	1.381	0.72	0.558	23
T42663	0.356	0.74	0.718	0.607	0.754	0.69	0.881	0.874	0.824	0.609	23
T20673	0.43	0.883	0.713	0.525	0.426	0.606	0.641	0.67	0.856	0.543	23

N96170	0.042	2.243	0.237	0.27	0.319	2.563	0.879	3.018	4.11	0.779	24
T44442	0.466	0.477	0.451	0.361	0.666	0.224	0.213	0.386	0.85	0.727	24
N96320	0.498	0.909	0.496	0.666	0.648	0.582	0.43	0.807	0.809	0.658	24
N96629	0.216	0.833	0.481	0.557	0.585	0.623	0.777	0.736	0.79	1.155	24
T76687	0.139	0.306	0.157	0.143	0.346	0.163	0.14	0.721	0.452	0.601	25
R65032	0.155	0.938	0.347	0.36	0.501	0.429	0.291	0.419	0.563	0.321	25
W43544	0.261	1.311	0.42	0.518	0.547	0.344	0.452	0.497	0.7	0.448	25
N97110	0.291	0.571	0.346	0.387	0.377	0.588	0.534	0.698	0.538	0.605	25
AA067578	0.3	0.709	0.313	0.425	0.343	0.341	0.264	0.548	0.785	0.514	25
N65293	0.321	0.51	0.393	0.384	0.637	0.395	0.474	0.847	0.732	0.786	25
R90199	0.33	0.65	0.473	0.63	0.598	0.431	0.522	0.523	0.826	0.654	25
H76489	0.345	0.542	0.318	0.425	0.401	0.588	0.7	0.704	0.739	0.665	25
T44064	0.355	0.724	0.614	0.638	0.679	0.595	0.514	0.709	0.832	0.737	25
T21686	0.454	0.428	0.466	0.452	0.508	0.324	0.745	0.384	0.72	0.733	25
H37461	0.47	0.68	0.459	0.62	0.57	0.408	0.493	0.517	0.802	0.795	25
T44765	0.485	0.751	0.858	0.729	0.7	0.764	0.607	0.81	0.728	0.798	25
N65151	0.215	0.637	0.247	0.419	0.181	0.266	0.163	0.593	0.636	0.582	25
N96800	0.22	0.424	0.316	0.391	0.264	0.267	0.279	0.445	0.749	0.37	25
N95892	0.23	1.174	0.35	0.667	0.354	0.162	0.133	0.781	0.596	0.66	25
N96528	0.242	0.188	0.176	0.282	0.381	0.276	0.554	0.478	0.609	0.467	25
N37129	0.3	0.465	0.262	0.397	0.355	0.423	0.208	0.532	0.579	0.43	25
N65020	0.411	0.95	0.575	0.623	0.81	0.692	0.951	0.649	0.91	0.733	25
N96573	0.158	0.541	0.32	0.452	0.457	0.572	0.602	0.543	0.646	0.445	26
T42518	0.185	0.714	0.338	0.291	0.389	0.881	0.885	0.725	0.645	0.452	26
N95895	0.229	0.942	0.146	0.337	0.345	0.286	0.204	0.366	0.316	0.599	26
N38708	0.229	0.599	0.169	0.333	0.415	0.286	0.2	0.354	0.326	0.577	26
N96654	0.27	0	0.948	0.378	0.599	2.15	0.489	1.791	1.149	0.919	26
N65388	0.308	0.845	0.609	0.527	0.559	0.352	0.656	0.462	0.709	0.89	26
N65705	0.355	1.298	0.445	0.723	0.761	0.587	0.734	0.587	0.755	0.647	26
N64941	0.357	1.004	0.418	0.664	0.7	0.509	0.659	0.62	0.817	0.665	26
R90281	0.358	1.504	0.494	0.744	0.752	0.542	0.691	0.657	0.863	0.677	26
N65710	0.396	0.797	0.244	0.691	0.537	0.338	0.296	0.73	0.806	0.845	26
N65609	0.409	0.552	0.322	0.592	0.585	0.476	0.435	0.609	0.845	0.622	26
N65464	0.448	0.605	0.501	0.619	0.662	0.617	0.502	0.639	1.049	0.803	26
N38273	0.449	0.451	0.298	0.674	0.783	0.451	0.742	0.688	0.868	0.912	26
H36884	0.46	0.687	0.48	0.676	0.698	0.466	0.436	0.628	0.839	0.812	26
T43089	0.47	0.797	0.729	0.733	0.727	0.645	0.996	0.796	0.93	0.713	26
N96997	0.498	0.915	0.351	0.726	0.544	0.329	0.289	0.379	0.787	0.908	26