Detailed evaluation values used for Tables 2-4

The evaluation values were calculated based on the GFF (General Feature Format) output of a tool or the conversation of the output to the GFF format. The GFF format gives each exon start and end positions. Only coding exons were used for evaluation. The "DHC all" lines summarize the results of the search for dynein heavy chain genes in *Loxodonta africana* and the lines marked as "others" summarize the difficult cases. Tables 2 and 3 show the values of "DHC all" marked in yellow. For runs, which did not give any results, the lines are left blank, e.g. "Prosplign (Blat)". Additional File 5 describes the versions and parameters of the tools.

Exon PE Predicted Exons

This is the number of exons predicted by the tool.

Exon AE Annotated Exons

This is the number of exons annotated in the reference.

Exon TE True Exons

This is the number of predicted exons, which have exactly the same exon borders as the annotated exons.

Exon OE Overlapped Exons

This is the number of annotated exons, which are overlapped by at least one predicted exon.

Exon ME Missing Exons

This is the number of annotated exons, which are not overlapped by any predicted exons.

Exon WE Wrong Exons

This is the number of predicted exons, which are not overlapped by any annotated exons.

Exon Sn Exon Sensitivity = TE / AE

This is the number of true exons divided by the number of annotated exons.

Exon Sno Exon Overlapped Sensitivity = OE / AE

This is the number of overlapped exons divided by the number of annotated exons.

Exon Sp Exon Specificity = TE / PE

This is the number of true exons divided by the number of predicted exons.

Nucl Total Total Number

This is the total number of nucleotides in the genomic sequence.

Nucl AP Actual Positive

This is the number of nucleotides, which are annotated as coding sequence (belonging to a coding exon) in the reference.

Nucl AN Actual Negative

This is the number of nucleotides, which are annotated as non-coding sequence (not belonging to a coding exon) in the reference.

Nucl PP Predicted Positive

This is the number of nucleotides, which are predicted as coding sequence (belonging to a coding exon) by the tool.

Nucl PN **Predicted Negative**

This is the number of nucleotides, which are predicted as non-coding sequence (not belonging to a coding exon) by the tool.

Nucl TP **True Positive**

This is the number of predicted positivs, which are annotated positive, too.

Nucl FP **False Positive**

This is the number of predicted positives, which are annotated negative.

Nucl TN **True Negative**

This is the number of predicted negatives, which are annotated negative, too.

Nucl FN **False Negative**

This is the number of predicted negatives, which are annotated positive.

Nucl Sn **Sensitivity = TP / AP**

This is the number of true positives divided by actual positives.

Nucl Sp **Specificity = TP / PP**

This is the number of true positives divided by predicted positives.

Nucl AC **Approximate Correlation**

Approximate Correlation = ((TP/(TP+FN)) + (TP/(TP+FP)) + (TN/(TN+FP)) + (TN/(TN+FN))) / 2 - 1

Scenarios 1 and 3 (whole genome)

Scipio v1.0

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**1244**	**1202**	**1035**	**1188**	**14**	**46**	**0.861**	**0.988**	**0.832**	**52348687472**	**209486**	**52348477986**	**206320**	**52348481152**	**205147**	**1173**	**52348476813**	**4339**	**0.979**	**0.994**	**0.987**	**16**	**504**
DHC1	86	77	76	77	0	9	0.987	1.000	0.884	3271792967	13686	3271779281	13893	3271779074	13680	213	3271779068	6	1.000	0.985	0.992	1	484
DHC2	90	88	83	88	0	2	0.943	1.000	0.922	3271792967	12702	3271780265	12702	3271780265	12678	24	3271780241	24	0.998	0.998	0.998	1	549
DHC3A	99	92	88	92	0	7	0.957	1.000	0.889	3271792967	14070	3271778897	13977	3271778990	13797	180	3271778717	273	0.981	0.987	0.984	1	506
DHC3B	79	78	67	78	0	1	0.859	1.000	0.848	3271792967	13745	3271779222	13639	3271779328	13601	38	3271779184	144	0.990	0.997	0.993	1	487
DHC4A	83	82	74	82	0	1	0.902	1.000	0.892	3271792967	13523	3271779444	13500	3271779467	13481	19	3271779425	42	0.997	0.999	0.998	1	504
DHC4B	79	79	70	79	0	0	0.886	1.000	0.886	3271792967	13284	3271779683	13122	3271779845	13099	23	3271779660	185	0.986	0.998	0.992	1	470
DHC4C	74	68	61	68	0	6	0.897	1.000	0.824	3271792967	13014	3271779953	13004	3271779963	12875	129	3271779824	139	0.989	0.990	0.990	1	517
DHC5	79	79	71	78	1	1	0.899	0.987	0.899	3271792967	13752	3271779215	13617	3271779350	13585	32	3271779183	167	0.988	0.998	0.993	1	492
DHC6	85	86	81	85	1	0	0.942	0.988	0.953	3271792967	13371	3271779596	13101	3271779866	13100	1	3271779595	271	0.980	1.000	0.990	1	512
DHC7A	63	64	58	63	1	0	0.906	0.984	0.921	3271792967	12058	3271780909	11944	3271781023	11934	10	3271780899	124	0.990	0.999	0.994	1	458
DHC7B	61	60	51	59	1	2	0.850	0.983	0.836	3271792967	11897	3271781070	11769	3271781198	11729	40	3271781030	168	0.986	0.997	0.991	1	516
DHC7C	72	73	70	72	1	0	0.959	0.986	0.972	3271792967	11880	3271781087	11853	3271781114	11849	4	3271781083	31	0.997	1.000	0.999	1	472
DHC8	77	73	58	73	0	4	0.795	1.000	0.753	3271792967	12190	3271780777	12082	3271780885	11919	163	3271780614	271	0.978	0.987	0.982	1	507
DHC9A	78	75	59	75	0	2	0.787	1.000	0.756	3271792967	12186	3271780781	11937	3271781030	11875	62	3271780719	311	0.974	0.995	0.985	1	486
DHC9B	89	85	44	79	6	7	0.518	0.929	0.494	3271792967	13791	3271779176	12563	3271780404	12408	155	3271779021	1383	0.900	0.988	0.944	1	547
DHC11	50	43	24	40	3	4	0.558	0.930	0.480	3271792967	14337	3271778630	13617	3271779350	13537	80	3271778550	800	0.944	0.994	0.969	1	560
Others	**89**	**93**	**77**	**85**	**8**	**1**	**0.828**	**0.914**	**0.865**	**9014070513**	**14186**	**9014056327**	**14020**	**9014056493**	**13969**	**51**	**9014056276**	**217**	**0.985**	**0.996**	**0.991**	**7**	**412**
NedKinesinJ_fl	5	3	2	3	0	0	0.667	1.000	0.400	37302679	2273	37300406	2243	37300436	2243	0	37300406	30	0.987	1.000	0.993	1	520
PhsP62_fl	4	3	0	3	0	0	0.000	1.000	0.000	77806163	1506	77804657	1428	77804735	1428	0	77804657	78	0.948	1.000	0.974	1	1131
HsP50_fl	14	16	14	14	2	0	0.875	0.875	1.000	3095677409	1218	3095676191	1203	3095676206	1203	0	3095676191	15	0.988	1.000	0.994	1	434
PugCor_fl	10	10	9	9	1	1	0.900	0.900	0.900	88644628	1617	88643011	1617	88643011	1608	9	88643002	9	0.994	0.994	0.994	1	11
MmP150_fl	29	32	27	29	3	0	0.844	0.906	0.931	2580223614	3843	2580219771	3803	2580219811	3789	14	2580219757	54	0.986	0.996	0.991	1	350
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	3095677409	2910	3095674499	2907	3095674502	2898	9	3095674490	12	0.996	0.997	0.996	1	436
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	38738611	819	38737792	819	38737792	800	19	38737773	19	0.977	0.977	0.977	1	5

Scipio v1.5

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**1442**	**1202**	**1123**	**1191**	**11**	**244**	**0.934**	**0.991**	**0.779**	**52348687472**	**209483**	**52348477989**	**244678**	**52348442794**	**206793**	**37885**	**52348440104**	**2690**	**0.987**	**0.845**	**0.916**	**20**	**4157**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	3271792967	13683	3271779284	13683	3271779284	13683	0	3271779284	0	1.000	1.000	1.000	1	3078
DHC2	89	88	86	88	0	1	0.977	1.000	0.966	3271792967	12702	3271780265	12780	3271780187	12702	78	3271780187	0	1.000	0.994	0.997	1	4081
DHC3A	151	92	91	92	0	59	0.989	1.000	0.603	3271792967	14070	3271778897	23300	3271769667	13854	9446	3271769451	216	0.985	0.595	0.790	2	4346
DHC3B	141	78	74	78	0	63	0.949	1.000	0.525	3271792967	13745	3271779222	22787	3271770180	13735	9052	3271770170	10	0.999	0.603	0.801	2	4225
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	3271792967	13523	3271779444	13523	3271779444	13519	4	3271779440	4	1.000	1.000	1.000	1	3201
DHC4B	135	79	75	79	0	56	0.949	1.000	0.556	3271792967	13284	3271779683	22744	3271770223	13198	9546	3271770137	86	0.994	0.580	0.787	2	3031
DHC4C	130	68	63	68	0	62	0.926	1.000	0.485	3271792967	13014	3271779953	22584	3271770383	13014	9570	3271770383	0	1.000	0.576	0.788	2	3959
DHC5	78	79	75	78	1	0	0.949	0.987	0.962	3271792967	13752	3271779215	13617	3271779350	13603	14	3271779201	149	0.989	0.999	0.994	1	2688
DHC6	85	86	83	85	1	0	0.965	0.988	0.976	3271792967	13371	3271779596	13113	3271779854	13113	0	3271779596	258	0.981	1.000	0.990	1	3021
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	3271792967	12058	3271780909	12064	3271780903	12058	6	3271780903	0	1.000	1.000	1.000	1	5225
DHC7B	59	60	55	59	1	0	0.917	0.983	0.932	3271792967	11897	3271781070	11775	3271781192	11772	3	3271781067	125	0.989	1.000	0.995	1	3696
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	3271792967	11880	3271781087	11880	3271781087	11876	4	3271781083	4	1.000	1.000	1.000	1	3519
DHC8	75	73	65	73	0	2	0.890	1.000	0.867	3271792967	12190	3271780777	12068	3271780899	11998	70	3271780707	192	0.984	0.994	0.989	1	4653
DHC9A	75	75	68	75	0	0	0.907	1.000	0.907	3271792967	12186	3271780781	12078	3271780889	12058	20	3271780761	128	0.989	0.998	0.994	1	3437
DHC9B	83	85	65	80	5	1	0.765	0.941	0.783	3271792967	13791	3271779176	12960	3271780007	12898	62	3271779114	893	0.935	0.995	0.965	1	5625
DHC11	45	43	32	40	3	0	0.744	0.930	0.711	3271792967	14337	3271778630	13722	3271779245	13712	10	3271778620	625	0.956	0.999	0.978	1	8735
Others	**4237**	**93**	**93**	**93**	**0**	**4140**	**1.000**	**1.000**	**0.022**	**9014070513**	**14186**	**9014056327**	**95767**	**9013974746**	**14186**	**81581**	**9013974746**	**0**	**1.000**	**0.148**	**0.574**	**164**	**12188**
NedKinesinJ_fl	3345	3	3	3	0	3338	1.000	1.000	0.001	37302679	2273	37300406	68755	37233924	2273	66482	37233924	0	1.000	0.033	0.516	43	46054
PhsP62_fl	805	3	3	3	0	802	1.000	1.000	0.004	77806163	1506	77804657	16605	77789558	1506	15099	77789558	0	1.000	0.091	0.545	116	37847
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	3095677409	1218	3095676191	1218	3095676191	1218	0	3095676191	0	1.000	1.000	1.000	1	496
PugCor_fl	10	10	10	10	0	0	1.000	1.000	1.000	88644628	1617	88643011	1617	88643011	1617	0	88643011	0	1.000	1.000	1.000	1	13
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	2580223614	3843	2580219771	3843	2580219771	3843	0	2580219771	0	1.000	1.000	1.000	1	384
HsMyo19_fl	24	24	24	24	0	0	1.000	1.000	1.000	3095677409	2910	3095674499	2910	3095674499	2910	0	3095674499	0	1.000	1.000	1.000	1	520
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	38738611	819	38737792	819	38737792	819	0	38737792	0	1.000	1.000	1.000	1	6

Scipio v1.5 (1 gene)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**1204**	**1202**	**1123**	**1191**	**11**	**6**	**0.934**	**0.991**	**0.933**	**52348687472**	**209483**	**52348477989**	**207207**	**52348480265**	**206793**	**414**	**52348477575**	**2690**	**0.987**	**0.998**	**0.993**	**16**	**4182**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	3271792967	13683	3271779284	13683	3271779284	13683	0	3271779284	0	1.000	1.000	1.000	1	3125
DHC2	89	88	86	88	0	1	0.977	1.000	0.966	3271792967	12702	3271780265	12780	3271780187	12702	78	3271780187	0	1.000	0.994	0.997	1	4056
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	3271792967	14070	3271778897	13854	3271779113	13854	0	3271778897	216	0.985	1.000	0.992	1	4162
DHC3B	78	78	74	78	0	0	0.949	1.000	0.949	3271792967	13745	3271779222	13748	3271779219	13735	13	3271779209	10	0.999	0.999	0.999	1	4222
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	3271792967	13523	3271779444	13523	3271779444	13519	4	3271779440	4	1.000	1.000	1.000	1	3248
DHC4B	79	79	75	79	0	0	0.949	1.000	0.949	3271792967	13284	3271779683	13223	3271779744	13198	25	3271779658	86	0.994	0.998	0.996	1	2974
DHC4C	70	68	63	68	0	2	0.926	1.000	0.900	3271792967	13014	3271779953	13119	3271779848	13014	105	3271779848	0	1.000	0.992	0.996	1	3887
DHC5	78	79	75	78	1	0	0.949	0.987	0.962	3271792967	13752	3271779215	13617	3271779350	13603	14	3271779201	149	0.989	0.999	0.994	1	2879
DHC6	85	86	83	85	1	0	0.965	0.988	0.976	3271792967	13371	3271779596	13113	3271779854	13113	0	3271779596	258	0.981	1.000	0.990	1	2964
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	3271792967	12058	3271780909	12064	3271780903	12058	6	3271780903	0	1.000	1.000	1.000	1	5184

DHC7B	59	60	55	59	1	0	0.917	0.983	0.932	3271792967	11897	3271781070	11775	3271781192	11772	3	3271781067	125	0.989	1.000	0.995	1	3769
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	3271792967	11880	3271781087	11880	3271781087	11876	4	3271781083	4	1.000	1.000	1.000	1	3612
DHC8	75	73	65	73	0	2	0.890	1.000	0.867	3271792967	12190	3271780777	12068	3271780899	11998	70	3271780707	192	0.984	0.994	0.989	1	4683
DHC9A	75	75	68	75	0	0	0.907	1.000	0.907	3271792967	12186	3271780781	12078	3271780889	12058	20	3271780761	128	0.989	0.998	0.994	1	3434
DHC9B	83	85	65	80	5	1	0.765	0.941	0.783	3271792967	13791	3271779176	12960	3271780007	12898	62	3271779114	893	0.935	0.995	0.965	1	5756
DHC11	45	43	32	40	3	0	0.744	0.930	0.711	3271792967	14337	3271778630	13722	3271779245	13712	10	3271778620	625	0.956	0.999	0.978	1	8957
Others	**93**	**93**	**93**	**93**	**0**	**0**	**1.000**	**1.000**	**1.000**	**9014070513**	**14186**	**9014056327**	**14186**	**9014056327**	**14186**	**0**	**9014056327**	**0**	**1.000**	**1.000**	**1.000**	**7**	**12179**
NedKinesinJ_fl	3	3	3	3	0	0	1.000	1.000	1.000	37302679	2273	37300406	2273	37300406	2273	0	37300406	0	1.000	1.000	1.000	1	45654
PhsP62_fl	3	3	3	3	0	0	1.000	1.000	1.000	77806163	1506	77804657	1506	77804657	1506	0	77804657	0	1.000	1.000	1.000	1	38190
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	3095677409	1218	3095676191	1218	3095676191	1218	0	3095676191	0	1.000	1.000	1.000	1	449
PugCor_fl	10	10	10	10	0	0	1.000	1.000	1.000	88644628	1617	88643011	1617	88643011	1617	0	88643011	0	1.000	1.000	1.000	1	13
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	2580223614	3843	2580219771	3843	2580219771	3843	0	2580219771	0	1.000	1.000	1.000	1	424
HsMyo19_fl	24	24	24	24	0	0	1.000	1.000	1.000	3095677409	2910	3095674499	2910	3095674499	2910	0	3095674499	0	1.000	1.000	1.000	1	517
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	38738611	819	38737792	819	38737792	819	0	38737792	0	1.000	1.000	1.000	1	6

Prosplign

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**4729**	**1202**	**0**	**17**	**1185**	**4712**	**0.000**	**0.014**	**0.000**	**52348687472**	**209482**	**52348477990**	**216363**	**52348471109**	**585**	**215778**	**52348262212**	**208897**	**0.003**	**0.003**	**0.003**	**16**	**-**
DHC1	275	77	0	0	77	275	0.000	0.000	0.000	3271792967	13682	3271779285	14112	3271778855	0	14112	3271765173	13682	0.000	0.000	0.000	1	-
DHC2	300	88	0	0	88	300	0.000	0.000	0.000	3271792967	12702	3271780265	13137	3271779830	0	13137	3271767128	12702	0.000	0.000	0.000	1	-
DHC3A	307	92	0	0	92	307	0.000	0.000	0.000	3271792967	14070	3271778897	14454	3271778513	0	14454	3271764443	14070	0.000	0.000	0.000	1	-
DHC3B	286	78	0	4	74	282	0.000	0.051	0.000	3271792967	13745	3271779222	14187	3271778780	120	14067	3271765155	13625	0.009	0.008	0.009	1	-
DHC4A	322	82	0	7	75	315	0.000	0.085	0.000	3271792967	13523	3271779444	13755	3271779212	137	13618	3271765826	13386	0.010	0.010	0.010	1	-
DHC4B	276	79	0	0	79	276	0.000	0.000	0.000	3271792967	13284	3271779683	13629	3271779338	0	13629	3271766054	13284	0.000	0.000	0.000	1	-
DHC4C	301	68	0	0	68	301	0.000	0.000	0.000	3271792967	13014	3271779953	13809	3271779158	0	13809	3271766144	13014	0.000	0.000	0.000	1	-
DHC5	309	79	0	0	79	309	0.000	0.000	0.000	3271792967	13752	3271779215	14070	3271778897	0	14070	3271765145	13752	0.000	0.000	0.000	1	-
DHC6	303	86	0	0	86	303	0.000	0.000	0.000	3271792967	13371	3271779596	13638	3271779329	0	13638	3271765958	13371	0.000	0.000	0.000	1	-
DHC7A	279	64	0	0	64	279	0.000	0.000	0.000	3271792967	12058	3271780909	12345	3271780622	0	12345	3271768564	12058	0.000	0.000	0.000	1	-
DHC7B	288	60	0	0	60	288	0.000	0.000	0.000	3271792967	11897	3271781070	12327	3271780640	0	12327	3271768743	11897	0.000	0.000	0.000	1	-
DHC7C	282	73	0	0	73	282	0.000	0.000	0.000	3271792967	11880	3271781087	12081	3271780886	0	12081	3271769006	11880	0.000	0.000	0.000	1	-
DHC8	288	73	0	1	72	287	0.000	0.014	0.000	3271792967	12190	3271780777	13143	3271779824	51	13092	3271767685	12139	0.004	0.004	0.004	1	-
DHC9A	261	75	0	2	73	259	0.000	0.027	0.000	3271792967	12186	3271780781	12840	3271780127	130	12710	3271768071	12056	0.011	0.010	0.010	1	-
DHC9B	317	85	0	0	85	317	0.000	0.000	0.000	3271792967	13791	3271779176	14145	3271778822	0	14145	3271765031	13791	0.000	0.000	0.000	1	-
DHC11	335	43	0	3	40	332	0.000	0.070	0.000	3271792967	14337	3271778630	14691	3271778276	147	14544	3271764086	14190	0.010	0.010	0.010	1	-
Others	**94**	**21**	**1**	**3**	**18**	**91**	**0.048**	**0.143**	**0.011**	**242492081**	**6215**	**242485866**	**6153**	**242485928**	**1503**	**4650**	**242481216**	**4712**	**0.242**	**0.244**	**0.243**	**4**	**-**
NedKinesinJ_fl	48	3	0	0	3	48	0.000	0.000	0.000	37302679	2273	37300406	2265	37300414	0	2265	37298141	2273	0.000	0.000	0.000	1	-
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	77806163	1506	77804657	1512	77804651	1503	9	77804648	3	0.998	0.994	0.996	1	-
HsP50_fl																							
PugCor_fl	22	10	0	0	10	22	0.000	0.000	0.000	88644628	1617	88643011	1551	88643077	0	1551	88641460	1617	0.000	0.000	0.000	1	-
MmP150_fl																							
HsMyo19_fl																							
ThCAP1_fl	21	5	0	0	5	21	0.000	0.000	0.000	38738611	819	38737792	825	38737786	0	825	38736967	819	0.000	0.000	0.000	1	-

Prosplign (Blast)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**8708**	**1202**	**0**	**59**	**1143**	**8645**	**0.000**	**0.049**	**0.000**	**52348687472**	**209482**	**52348477990**	**664431**	**52348023041**	**3100**	**661331**	**52347816659**	**206382**	**0.015**	**0.005**	**0.010**	**263**	**-**
DHC1	565	77	0	0	77	565	0.000	0.000	0.000	3271792967	13682	3271779285	46530	3271746437	0	46530	3271732755	13682	0.000	0.000	0.000	15	-
DHC2	499	88	0	0	88	499	0.000	0.000	0.000	3271792967	12702	3271780265	36988	3271755979	0	36988	3271743277	12702	0.000	0.000	0.000	16	-
DHC3A	602	92	0	0	92	602	0.000	0.000	0.000	3271792967	14070	3271778897	44779	3271748188	0	44779	3271734118	14070	0.000	0.000	0.000	18	-
DHC3B	591	78	0	5	73	584	0.000	0.064	0.000	3271792967	13745	3271779222	46317	3271746650	280	46037	3271733185	13465	0.020	0.006	0.013	18	-
DHC4A	549	82	0	13	69	536	0.000	0.159	0.000	3271792967	13523	3271779444	37705	3271755262	647	37058	3271742386	12876	0.048	0.017	0.032	19	-
DHC4B	563	79	0	0	79	563	0.000	0.000	0.000	3271792967	13284	3271779683	41339	3271751628	0	41339	3271738344	13284	0.000	0.000	0.000	18	-
DHC4C	626	68	0	0	68	626	0.000	0.000	0.000	3271792967	13014	3271779953	45429	3271747538	0	45429	3271734524	13014	0.000	0.000	0.000	17	-
DHC5	621	79	0	0	79	621	0.000	0.000	0.000	3271792967	13752	3271779215	46745	3271746222	0	46745	3271732470	13752	0.000	0.000	0.000	19	-
DHC6	562	86	0	0	86	562	0.000	0.000	0.000	3271792967	13371	3271779596	43170	3271749797	0	43170	3271736426	13371	0.000	0.000	0.000	17	-
DHC7A	545	64	0	1	63	544	0.000	0.016	0.000	3271792967	12058	3271780909	45335	3271747632	6	45329	3271735580	12052	0.000	0.000	0.000	18	-
DHC7B	551	60	0	0	60	551	0.000	0.000	0.000	3271792967	11897	3271781070	42271	3271750696	0	42271	3271738799	11897	0.000	0.000	0.000	18	-
DHC7C	556	73	0	0	73	556	0.000	0.000	0.000	3271792967	11880	3271781087	41553	3271751414	0	41553	3271739534	11880	0.000	0.000	0.000	16	-
DHC8	592	73	0	18	55	574	0.000	0.247	0.000	3271792967	12190	3271780777	45620	3271747347	892	44728	3271736049	11298	0.073	0.020	0.046	18	-
DHC9A	574	75	0	10	65	564	0.000	0.133	0.000	3271792967	12186	3271780781	44179	3271748788	436	43743	3271737038	11750	0.036	0.010	0.023	17	-
DHC9B	612	85	0	0	85	612	0.000	0.000	0.000	3271792967	13791	3271779176	47001	3271745966	0	47001	3271732175	13791	0.000	0.000	0.000	17	-
DHC11	100	43	0	12	31	86	0.000	0.279	0.000	3271792967	14337	3271778630	9470	3271783497	839	8631	3271769999	13498	0.059	0.089	0.074	2	-
Others	**598**	**83**	**1**	**18**	**65**	**580**	**0.012**	**0.217**	**0.002**	**8925425885**	**12569**	**8925413316**	**46886**	**8925378999**	**2190**	**44696**	**8925368620**	**10379**	**0.174**	**0.047**	**0.110**	**27**	**-**
NedKinesinJ_fl	54	3	0	1	2	53	0.000	0.333	0.000	37302679	2273	37300406	4690	37297989	40	4650	37295756	2233	0.018	0.009	0.013	3	-
PhsP62_fl	39	3	1	3	0	36	0.333	1.000	0.026	77806163	1506	77804657	4427	77801736	1503	2924	77801733	3	0.998	0.340	0.669	3	-
HsP50_fl	17	16	0	1	15	16	0.000	0.063	0.000	3095677409	1218	3095676191	1035	3095676374	1	1034	3095675157	1217	0.001	0.001	0.001	1	-
PugCor_fl																							
MmP150_fl	82	32	0	6	26	76	0.000	0.188	0.000	2580223614	3843	2580219771	6837	2580216777	307	6530	2580213241	3536	0.080	0.045	0.062	6	-
HsMyo19_fl	395	24	0	4	20	390	0.000	0.167	0.000	3095677409	2910	3095674499	29048	3095648361	274	28774	3095645725	2636	0.094	0.009	0.052	13	-
ThCAP1_fl	11	5	0	3	2	9	0.000	0.600	0.000	38738611	819	38737792	849	38737762	65	784	38737008	754	0.079	0.077	0.078	1	-

Prosplign (Blat)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all																							
DHC1																							
DHC2																							
DHC3A																							
DHC3B																							
DHC4A																							
DHC4B																							
DHC4C																							
DHC5																							
DHC6																							
DHC7A																							
DHC7B																							
DHC7C																							
DHC8																							
DHC9A																							
DHC9B																							
DHC11																							
Others	**3934**	**83**	**1**	**18**	**65**	**3905**	**0.012**	**0.217**	**0.000**	**8925425885**	**12569**	**8925413316**	**134875**	**8925291010**	**2308**	**132567**	**8925280749**	**10261**	**0.184**	**0.017**	**0.100**	**146**	**-**
NedKinesinJ_fl	1403	3	0	1	2	1400	0.000	0.333	0.000	37302679	2273	37300406	39406	37263273	158	39248	37261158	2115	0.070	0.004	0.036	47	-
PhsP62_fl	2110	3	1	3	0	2098	0.333	1.000	0.000	77806163	1506	77804657	64316	77741847	1503	62813	77741844	3	0.998	0.023	0.510	71	-
HsP50_fl	220	16	0	1	15	219	0.000	0.063	0.000	3095677409	1218	3095676191	16126	3095661283	1	16125	3095660066	1217	0.001	0.000	0.000	18	-
PugCor_fl																							
MmP150_fl	53	32	0	6	26	47	0.000	0.188	0.000	2580223614	3843	2580219771	4297	2580219317	307	3990	2580215781	3536	0.080	0.071	0.076	3	-
HsMyo19_fl	137	24	0	4	20	132	0.000	0.167	0.000	3095677409	2910	3095674499	9881	3095667528	274	9607	3095664892	2636	0.094	0.028	0.061	6	-
ThCAP1_fl	11	5	0	3	2	9	0.000	0.600	0.000	38738611	819	38737792	849	38737762	65	784	38737008	754	0.079	0.077	0.078	1	-

Exonerate

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**6896**	**1202**	**1140**	**1196**	**6**	**5669**	**0.948**	**0.995**	**0.165**	**52348687472**	**209483**	**52348477989**	**1129581**	**52347557891**	**208790**	**920791**	**52347557198**	**693**	**0.997**	**0.185**	**0.591**	**2145**	**7403**
DHC1	242	77	77	77	0	165	1.000	1.000	0.318	3271792967	13683	3271779284	40757	3271752210	13683	27074	3271752210	0	1.000	0.336	0.668	81	6994
DHC2	271	88	86	88	0	183	0.977	1.000	0.317	3271792967	12702	3271780265	43812	3271749155	12702	31110	3271749155	0	1.000	0.290	0.645	80	7726
DHC3A	441	92	91	92	0	349	0.989	1.000	0.206	3271792967	14070	3271778897	73309	3271719658	14013	59296	3271719601	57	0.996	0.191	0.594	112	7485
DHC3B	449	78	75	78	0	371	0.962	1.000	0.167	3271792967	13745	3271779222	75766	3271717201	13745	62021	3271717201	0	1.000	0.181	0.591	132	7224
DHC4A	455	82	82	82	0	373	1.000	1.000	0.180	3271792967	13523	3271779444	78218	3271714749	13523	64695	3271714749	0	1.000	0.173	0.586	123	7264
DHC4B	475	79	74	79	0	395	0.937	1.000	0.156	3271792967	13284	3271779683	81263	3271711704	13265	67998	3271711685	19	0.999	0.163	0.581	135	7075
DHC4C	498	68	62	68	0	427	0.912	1.000	0.124	3271792967	13014	3271779953	83925	3271709042	13014	70911	3271709042	0	1.000	0.155	0.578	138	7328
DHC5	444	79	78	79	0	361	0.987	1.000	0.176	3271792967	13752	3271779215	75299	3271717668	13752	61547	3271717668	0	1.000	0.183	0.591	136	7356
DHC6	462	86	83	85	1	376	0.965	0.988	0.180	3271792967	13371	3271779596	78429	3271714538	13305	65124	3271714472	66	0.995	0.170	0.582	150	7396
DHC7A	498	64	63	64	0	430	0.984	1.000	0.127	3271792967	12058	3271780909	82492	3271710475	12058	70434	3271710475	0	1.000	0.146	0.573	125	6592
DHC7B	475	60	55	60	0	407	0.917	1.000	0.116	3271792967	11897	3271781070	79948	3271713019	11885	68063	3271713007	12	0.999	0.149	0.574	121	6445
DHC7C	489	73	68	72	1	410	0.932	0.986	0.139	3271792967	11880	3271781087	81201	3271711766	11849	69352	3271711735	31	0.997	0.146	0.572	130	6577
DHC8	481	73	65	73	0	407	0.890	1.000	0.135	3271792967	12190	3271780777	80889	3271712078	12067	68822	3271711955	123	0.990	0.149	0.570	145	7093
DHC9A	480	75	71	75	0	405	0.947	1.000	0.148	3271792967	12186	3271780781	80389	3271712578	12186	68203	3271712578	0	1.000	0.152	0.576	137	6255
DHC9B	363	85	72	82	3	280	0.847	0.965	0.198	3271792967	13791	3271779176	58707	3271734260	13500	45207	3271733969	291	0.979	0.230	0.604	133	8969
DHC11	373	43	38	42	1	330	0.884	0.977	0.102	3271792967	14337	3271778630	35177	3271757790	14243	20934	3271757696	94	0.993	0.405	0.699	267	10672
Others	**519**	**93**	**77**	**87**	**6**	**431**	**0.828**	**0.935**	**0.148**	**9014070513**	**14186**	**9014056327**	**83611**	**9013986902**	**14107**	**69504**	**9013986823**	**79**	**0.994**	**0.169**	**0.582**	**175**	**887**
NedKinesinJ_fl	15	3	2	3	0	11	0.667	1.000	0.133	37302679	2273	37300406	4064	37298615	2273	1791	37298615	0	1.000	0.559	0.780	7	37
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	77806163	1506	77804657	1494	77804669	1494	0	77804657	12	0.992	1.000	0.996	1	49
HsP50_fl	14	16	13	14	2	0	0.813	0.875	0.929	3095677409	1218	3095676191	1218	3095676191	1203	15	3095676176	15	0.988	0.988	0.988	1	962
PugCor_fl	9	10	4	8	2	1	0.400	0.800	0.444	88644628	1617	88643011	1893	88642735	1596	297	88642714	21	0.987	0.843	0.915	2	61
MmP150_fl	242	32	32	32	0	210	1.000	1.000	0.132	2580223614	3843	2580219771	45307	2580178307	3843	41464	2580178307	0	1.000	0.085	0.542	84	3198
HsMyo19_fl	232	24	22	23	1	209	0.917	0.958	0.095	3095677409	2910	3095674499	28816	3095648593	2898	25918	3095648581	12	0.996	0.101	0.548	79	1886
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	38738611	819	38737792	819	38737792	800	19	38737773	19	0.977	0.977	0.977	1	13

Exonerate (1 gene)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**978**	**1202**	**882**	**915**	**287**	**62**	**0.734**	**0.761**	**0.902**	**52348687472**	**209483**	**52348477989**	**169074**	**52348518398**	**159502**	**9572**	**52348468417**	**49981**	**0.761**	**0.943**	**0.852**	**16**	**7287**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	3271792967	13683	3271779284	13683	3271779284	13683	0	3271779284	0	1.000	1.000	1.000	1	6996
DHC2	53	88	50	51	37	2	0.568	0.580	0.943	3271792967	12702	3271780265	8382	3271784585	8310	72	3271780193	4392	0.654	0.991	0.823	1	7714
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	3271792967	14070	3271778897	14013	3271778954	14013	0	3271778897	57	0.996	1.000	0.998	1	7225
DHC3B	61	78	59	61	17	0	0.756	0.782	0.967	3271792967	13745	3271779222	10439	3271782528	10428	11	3271779211	3317	0.759	0.999	0.879	1	7154
DHC4A	82	82	82	82	0	0	1.000	1.000	1.000	3271792967	13523	3271779444	13523	3271779444	13523	0	3271779444	0	1.000	1.000	1.000	1	6990
DHC4B	49	79	45	49	30	0	0.570	0.620	0.918	3271792967	13284	3271779683	7881	3271785086	7871	10	3271779673	5413	0.593	0.999	0.796	1	6698
DHC4C	58	68	0	0	68	58	0.000	0.000	0.000	3271792967	13014	3271779953	9078	3271783889	0	9078	3271770875	13014	0.000	0.000	0.000	1	6917
DHC5	79	79	78	79	0	0	0.987	1.000	0.987	3271792967	13752	3271779215	13767	3271779200	13752	15	3271779200	0	1.000	0.999	0.999	1	6844
DHC6	48	86	46	48	38	0	0.535	0.558	0.958	3271792967	13371	3271779596	7623	3271785344	7599	24	3271779572	5772	0.568	0.997	0.783	1	7462
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	3271792967	12058	3271780909	12067	3271780900	12058	9	3271780900	0	1.000	0.999	1.000	1	6923
DHC7B	44	60	41	42	18	2	0.683	0.700	0.932	3271792967	11897	3271781070	6579	3271786388	6448	131	3271780939	5449	0.542	0.980	0.761	1	6444
DHC7C	72	73	68	72	1	0	0.932	0.986	0.944	3271792967	11880	3271781087	11880	3271781087	11849	31	3271781056	31	0.997	0.997	0.997	1	6276
DHC8	62	73	57	62	11	0	0.781	0.849	0.919	3271792967	12190	3271780777	10165	3271782802	10092	73	3271780704	2098	0.828	0.993	0.910	1	7053
DHC9A	50	75	48	50	25	0	0.640	0.667	0.960	3271792967	12186	3271780781	8364	3271784603	8357	7	3271780774	3829	0.686	0.999	0.842	1	6275
DHC9B	44	85	39	44	41	0	0.459	0.518	0.886	3271792967	13791	3271779176	7335	3271785632	7276	59	3271779117	6515	0.528	0.992	0.760	1	9456

DHC11	43	43	38	42	1	0	0.884	0.977	0.884	3271792967	14337	3271778630	14295	3271778672	14243	52	3271778578	94	0.993	0.996	0.995	1	10165
Others	**87**	**93**	**77**	**87**	**6**	**0**	**0.828**	**0.935**	**0.885**	**9014070513**	**14186**	**9014056327**	**14090**	**9014056423**	**14029**	**61**	**9014056266**	**157**	**0.989**	**0.996**	**0.992**	**7**	**866**
NedKinesinJ_fl	3	3	2	3	0	0	0.667	1.000	0.667	37302679	2273	37300406	2195	37300484	2195	0	37300406	78	0.966	1.000	0.983	1	35
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	77806163	1506	77804657	1494	77804669	1494	0	77804657	12	0.992	1.000	0.996	1	49
HsP50_fl	14	16	13	14	2	0	0.813	0.875	0.929	3095677409	1218	3095676191	1218	3095676191	1203	15	3095676176	15	0.988	0.988	0.988	1	937
PugCor_fl	8	10	4	8	2	0	0.400	0.800	0.500	88644628	1617	88643011	1614	88643014	1596	18	88642993	21	0.987	0.989	0.988	1	61
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	2580223614	3843	2580219771	3843	2580219771	3843	0	2580219771	0	1.000	1.000	1.000	1	3096
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	3095677409	2910	3095674499	2907	3095674502	2898	9	3095674490	12	0.996	0.997	0.996	1	1872
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	38738611	819	38737792	819	38737792	800	19	38737773	19	0.977	0.977	0.977	1	13

Wise2

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**34**	**1202**	**0**	**0**	**1202**	**34**	**0.000**	**0.000**	**0.000**	**52348687472**	**209483**	**52348477989**	**3267**	**52348684205**	**0**	**3267**	**52348474722**	**209483**	**0.000**	**0.000**	**0.000**	**32**	**-**
DHC1	2	77	0	0	77	2	0.000	0.000	0.000	3271792967	13683	3271779284	177	3271792790	0	177	3271779107	13683	0.000	0.000	0.000	2	-
DHC2	2	88	0	0	88	2	0.000	0.000	0.000	3271792967	12702	3271780265	282	3271792685	0	282	3271779983	12702	0.000	0.000	0.000	2	-
DHC3A	2	92	0	0	92	2	0.000	0.000	0.000	3271792967	14070	3271778897	162	3271792805	0	162	3271778735	14070	0.000	0.000	0.000	2	-
DHC3B	2	78	0	0	78	2	0.000	0.000	0.000	3271792967	13745	3271779222	126	3271792841	0	126	3271779096	13745	0.000	0.000	0.000	2	-
DHC4A	2	82	0	0	82	2	0.000	0.000	0.000	3271792967	13523	3271779444	306	3271792661	0	306	3271779138	13523	0.000	0.000	0.000	2	-
DHC4B	3	79	0	0	79	3	0.000	0.000	0.000	3271792967	13284	3271779683	354	3271792613	0	354	3271779329	13284	0.000	0.000	0.000	2	-
DHC4C	2	68	0	0	68	2	0.000	0.000	0.000	3271792967	13014	3271779953	84	3271792883	0	84	3271779869	13014	0.000	0.000	0.000	2	-
DHC5	2	79	0	0	79	2	0.000	0.000	0.000	3271792967	13752	3271779215	123	3271792844	0	123	3271779092	13752	0.000	0.000	0.000	2	-
DHC6	3	86	0	0	86	3	0.000	0.000	0.000	3271792967	13371	3271779596	276	3271792691	0	276	3271779320	13371	0.000	0.000	0.000	2	-
DHC7A	2	64	0	0	64	2	0.000	0.000	0.000	3271792967	12058	3271780909	141	3271792826	0	141	3271780768	12058	0.000	0.000	0.000	2	-
DHC7B	2	60	0	0	60	2	0.000	0.000	0.000	3271792967	11897	3271781070	132	3271792835	0	132	3271780938	11897	0.000	0.000	0.000	2	-
DHC7C	2	73	0	0	73	2	0.000	0.000	0.000	3271792967	11880	3271781087	162	3271792805	0	162	3271780925	11880	0.000	0.000	0.000	2	-
DHC8	2	73	0	0	73	2	0.000	0.000	0.000	3271792967	12190	3271780777	141	3271792826	0	141	3271780636	12190	0.000	0.000	0.000	2	-
DHC9A	2	75	0	0	75	2	0.000	0.000	0.000	3271792967	12186	3271780781	297	3271792670	0	297	3271780484	12186	0.000	0.000	0.000	2	-
DHC9B	2	85	0	0	85	2	0.000	0.000	0.000	3271792967	13791	3271779176	225	3271792742	0	225	3271778951	13791	0.000	0.000	0.000	2	-
DHC11	2	43	0	0	43	2	0.000	0.000	0.000	3271792967	14337	3271778630	279	3271792688	0	279	3271778351	14337	0.000	0.000	0.000	2	-
Others	**113**	**93**	**1**	**3**	**90**	**110**	**0.011**	**0.032**	**0.009**	**9014070513**	**14186**	**9014056327**	**10413**	**9014060100**	**1488**	**8925**	**9014047402**	**12698**	**0.105**	**0.143**	**0.124**	**14**	**-**
NedKinesinJ_fl	3	3	0	0	3	3	0.000	0.000	0.000	37302679	2273	37300406	960	37301719	0	960	37299446	2273	0.000	0.000	0.000	2	-
PhsP62_fl	4	3	1	3	0	1	0.333	1.000	0.250	77806163	1506	77804657	1551	77804612	1488	63	77804594	18	0.988	0.959	0.974	2	-
HsP50_fl	22	16	0	0	16	22	0.000	0.000	0.000	3095677409	1218	3095676191	1209	3095676200	0	1209	3095674982	1218	0.000	0.000	0.000	2	-
PugCor_fl	2	10	0	0	10	2	0.000	0.000	0.000	88644628	1617	88643011	108	88644520	0	108	88642903	1617	0.000	0.000	0.000	2	-
MmP150_fl	30	32	0	0	32	30	0.000	0.000	0.000	2580223614	3843	2580219771	3183	2580220431	0	3183	2580216588	3843	0.000	0.000	0.000	2	-
HsMyo19_fl	48	24	0	0	24	48	0.000	0.000	0.000	3095677409	2910	3095674499	3144	3095674265	0	3144	3095671355	2910	0.000	0.000	0.000	2	-
ThCAP1_fl	4	5	0	0	5	4	0.000	0.000	0.000	38738611	819	38737792	258	38738353	0	258	38737534	819	0.000	0.000	0.000	2	-

Wise2 (global)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**39**	**1202**	**0**	**0**	**1202**	**39**	**0.000**	**0.000**	**0.000**	**52348687472**	**209483**	**52348477989**	**2625**	**52348684847**	**0**	**2625**	**52348475364**	**209483**	**0.000**	**0.000**	**0.000**	**32**	**-**
DHC1	2	77	0	0	77	2	0.000	0.000	0.000	3271792967	13683	3271779284	126	3271792841	0	126	3271779158	13683	0.000	0.000	0.000	2	-
DHC2	2	88	0	0	88	2	0.000	0.000	0.000	3271792967	12702	3271780265	117	3271792850	0	117	3271780148	12702	0.000	0.000	0.000	2	-
DHC3A	5	92	0	0	92	5	0.000	0.000	0.000	3271792967	14070	3271778897	318	3271792649	0	318	3271778579	14070	0.000	0.000	0.000	2	-
DHC3B	2	78	0	0	78	2	0.000	0.000	0.000	3271792967	13745	3271779222	81	3271792886	0	81	3271779141	13745	0.000	0.000	0.000	2	-
DHC4A	3	82	0	0	82	3	0.000	0.000	0.000	3271792967	13523	3271779444	231	3271792736	0	231	3271779213	13523	0.000	0.000	0.000	2	-
DHC4B	2	79	0	0	79	2	0.000	0.000	0.000	3271792967	13284	3271779683	138	3271792829	0	138	3271779545	13284	0.000	0.000	0.000	2	-
DHC4C	3	68	0	0	68	3	0.000	0.000	0.000	3271792967	13014	3271779953	216	3271792751	0	216	3271779737	13014	0.000	0.000	0.000	2	-
DHC5	2	79	0	0	79	2	0.000	0.000	0.000	3271792967	13752	3271779215	78	3271792889	0	78	3271779137	13752	0.000	0.000	0.000	2	-
DHC6	2	86	0	0	86	2	0.000	0.000	0.000	3271792967	13371	3271779596	159	3271792808	0	159	3271779437	13371	0.000	0.000	0.000	2	-
DHC7A	2	64	0	0	64	2	0.000	0.000	0.000	3271792967	12058	3271780909	135	3271792832	0	135	3271780774	12058	0.000	0.000	0.000	2	-
DHC7B	3	60	0	0	60	3	0.000	0.000	0.000	3271792967	11897	3271781070	261	3271792706	0	261	3271780809	11897	0.000	0.000	0.000	2	-
DHC7C	2	73	0	0	73	2	0.000	0.000	0.000	3271792967	11880	3271781087	117	3271792850	0	117	3271780970	11880	0.000	0.000	0.000	2	-
DHC8	2	73	0	0	73	2	0.000	0.000	0.000	3271792967	12190	3271780777	171	3271792796	0	171	3271780606	12190	0.000	0.000	0.000	2	-
DHC9A	2	75	0	0	75	2	0.000	0.000	0.000	3271792967	12186	3271780781	192	3271792775	0	192	3271780589	12186	0.000	0.000	0.000	2	-
DHC9B	2	85	0	0	85	2	0.000	0.000	0.000	3271792967	13791	3271779176	135	3271792832	0	135	3271779041	13791	0.000	0.000	0.000	2	-
DHC11	3	43	0	0	43	3	0.000	0.000	0.000	3271792967	14337	3271778630	150	3271792817	0	150	3271778480	14337	0.000	0.000	0.000	2	-
Others	**269**	**93**	**2**	**3**	**90**	**266**	**0.022**	**0.032**	**0.007**	**9014070513**	**14186**	**9014056327**	**28044**	**9014042469**	**1503**	**26541**	**9014029786**	**12683**	**0.106**	**0.054**	**0.080**	**14**	**-**
NedKinesinJ_fl	22	3	0	0	3	22	0.000	0.000	0.000	37302679	2273	37300406	4416	37298263	0	4416	37295990	2273	0.000	0.000	0.000	2	-
PhsP62_fl	15	3	2	3	0	12	0.667	1.000	0.133	77806163	1506	77804657	3033	77803130	1503	1530	77803127	3	0.998	0.496	0.747	2	-
HsP50_fl	38	16	0	0	16	38	0.000	0.000	0.000	3095677409	1218	3095676191	2439	3095674970	0	2439	3095673752	1218	0.000	0.000	0.000	2	-
PugCor_fl	10	10	0	0	10	10	0.000	0.000	0.000	88644628	1617	88643011	3018	88641610	0	3018	88639993	1617	0.000	0.000	0.000	2	-
MmP150_fl	83	32	0	0	32	83	0.000	0.000	0.000	2580223614	3843	2580219771	7647	2580215967	0	7647	2580212124	3843	0.000	0.000	0.000	2	-
HsMyo19_fl	89	24	0	0	24	89	0.000	0.000	0.000	3095677409	2910	3095674499	5883	3095671526	0	5883	3095668616	2910	0.000	0.000	0.000	2	-
ThCAP1_fl	12	5	0	0	5	12	0.000	0.000	0.000	38738611	819	38737792	1608	38737003	0	1608	38736184	819	0.000	0.000	0.000	2	-

Augustus

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**3929952**	**1202**	**576**	**1202**	**0**	**3909434**	**0.479**	**1.000**	**0.000**	**52348687472**	**209482**	**52348477990**	**79993616**	**52268693856**	**209476**	**79784140**	**52268693850**	**6**	**1.000**	**0.003**	**0.501**	**1374928**	**871977**
DHC1	245622	77	73	77	0	244119	0.948	1.000	0.000	3271792967	13682	3271779285	4999601	3266793366	13682	4985919	3266793366	0	1.000	0.003	0.501	85933	871977
DHC2	245622	88	69	88	0	243901	0.784	1.000	0.000	3271792967	12702	3271780265	4999601	3266793366	12702	4986899	3266793366	0	1.000	0.003	0.501	85933	871977
DHC3A	245622	92	0	92	0	244008	0.000	1.000	0.000	3271792967	14070	3271778897	4999601	3266793366	14070	4985531	3266793366	0	1.000	0.003	0.501	85933	871977

DHC3B	245622	78	71	78	0	244313	0.910	1.000	0.000	3271792967	13745	3271779222	4999601	3266793366	13745	4985856	3266793366	0	1.000	0.003	0.501	85933	871977
DHC4A	245622	82	67	82	0	244270	0.817	1.000	0.000	3271792967	13523	3271779444	4999601	3266793366	13523	4986078	3266793366	0	1.000	0.003	0.501	85933	871977
DHC4B	245622	79	0	79	0	244438	0.000	1.000	0.000	3271792967	13284	3271779683	4999601	3266793366	13278	4986323	3266793360	6	1.000	0.003	0.500	85933	871977
DHC4C	245622	68	0	68	0	244354	0.000	1.000	0.000	3271792967	13014	3271779953	4999601	3266793366	13014	4986587	3266793366	0	1.000	0.003	0.501	85933	871977
DHC5	245622	79	63	79	0	244241	0.797	1.000	0.000	3271792967	13752	3271779215	4999601	3266793366	13752	4985849	3266793366	0	1.000	0.003	0.501	85933	871977
DHC6	245622	86	0	86	0	244446	0.000	1.000	0.000	3271792967	13371	3271779596	4999601	3266793366	13371	4986230	3266793366	0	1.000	0.003	0.501	85933	871977
DHC7A	245622	64	45	64	0	244467	0.703	1.000	0.000	3271792967	12058	3271780909	4999601	3266793366	12058	4987543	3266793366	0	1.000	0.002	0.500	85933	871977
DHC7B	245622	60	51	60	0	244499	0.850	1.000	0.000	3271792967	11897	3271781070	4999601	3266793366	11897	4987704	3266793366	0	1.000	0.002	0.500	85933	871977
DHC7C	245622	73	0	73	0	244549	0.000	1.000	0.000	3271792967	11880	3271781087	4999601	3266793366	11880	4987721	3266793366	0	1.000	0.002	0.500	85933	871977
DHC8	245622	73	0	73	0	244489	0.000	1.000	0.000	3271792967	12190	3271780777	4999601	3266793366	12190	4987411	3266793366	0	1.000	0.002	0.500	85933	871977
DHC9A	245622	75	56	75	0	244459	0.747	1.000	0.000	3271792967	12186	3271780781	4999601	3266793366	12186	4987415	3266793366	0	1.000	0.002	0.500	85933	871977
DHC9B	245622	85	52	85	0	244161	0.612	1.000	0.000	3271792967	13791	3271779176	4999601	3266793366	13791	4985810	3266793366	0	1.000	0.003	0.501	85933	871977
DHC11	245622	43	29	43	0	244720	0.674	1.000	0.000	3271792967	14337	3271778630	4999601	3266793366	14337	4985264	3266793366	0	1.000	0.003	0.501	85933	871977
Others	**966478**	**93**	**47**	**76**	**17**	**966183**	**0.505**	**0.817**	**0.000**	**9014070513**	**14186**	**9014056327**	**141130853**	**8872939660**	**12734**	**141118119**	**8872938208**	**1452**	**0.898**	**0.000**	**0.441**	**191112**	**0**
NedKinesinJ_fl	21597	3	1	3	0	21547	0.333	1.000	0.000	37302679	2273	37300406	3676562	33626117	2273	3674289	33626117	0	1.000	0.001	0.451	8308	7549
PhsP62_fl	77735	3	0	3	0	77716	0.000	1.000	0.000	77806163	1506	77804657	8900749	68905414	1506	8899243	68905414	0	1.000	0.000	0.443	41970	10978
HsP50_fl	253715	16	4	8	8	253705	0.250	0.500	0.000	3095677409	1218	3095676191	38267936	3057409473	549	38267387	3057408804	669	0.451	0.000	0.219	33321	985981
PugCor_fl	69968	10	0	10	0	69826	0.000	1.000	0.000	88644628	1617	88643011	2550607	86094021	1617	2548990	86094021	0	1.000	0.001	0.486	24474	20188
MmP150_fl	262186	32	23	26	6	262149	0.719	0.813	0.000	2580223614	3843	2580219771	43333946	2536889668	3275	43330671	2536889100	568	0.852	0.000	0.418	41498	985981
HsMyo19_fl	253715	24	19	21	3	253687	0.792	0.875	0.000	3095677409	2910	3095674499	38267936	3057409473	2695	38265241	3057409258	215	0.926	0.000	0.457	33321	985981
ThCAP1_fl	27562	5	0	5	0	27553	0.000	1.000	0.000	38738611	819	38737792	6133117	32605494	819	6132298	32605494	0	1.000	0.000	0.421	8220	5442

Blat

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**266197**	**1202**	**236**	**1193**	**9**	**264228**	**0.196**	**0.993**	**0.001**	**52348687472**	**209483**	**52348477989**	**7709272**	**52340978200**	**204091**	**7505181**	**52340972808**	**5392**	**0.974**	**0.026**	**0.500**	**-**	**444**
DHC1	15874	77	21	77	0	15747	0.273	1.000	0.001	3271792967	13683	3271779284	438271	3271354696	13609	424662	3271354622	74	0.995	0.031	0.513	-	430
DHC2	22428	88	18	88	0	22255	0.205	1.000	0.001	3271792967	12702	3271780265	603847	3271189120	12591	591256	3271189009	111	0.991	0.021	0.506	-	492
DHC3A	16840	92	23	92	0	16699	0.250	1.000	0.001	3271792967	14070	3271778897	481511	3271311456	13696	467815	3271311082	374	0.973	0.028	0.501	-	456
DHC3B	14398	78	12	78	0	14283	0.154	1.000	0.001	3271792967	13745	3271779222	420914	3271372053	13516	407398	3271371824	229	0.983	0.032	0.508	-	421
DHC4A	14928	82	29	82	0	14795	0.354	1.000	0.002	3271792967	13523	3271779444	441194	3271351773	13389	427805	3271351639	134	0.990	0.030	0.510	-	437
DHC4B	11981	79	18	79	0	11873	0.228	1.000	0.002	3271792967	13284	3271779683	360638	3271432329	12996	347642	3271432041	288	0.978	0.036	0.507	-	410
DHC4C	15223	68	6	68	0	15107	0.088	1.000	0.000	3271792967	13014	3271779953	443298	3271349669	12781	430517	3271349436	233	0.982	0.029	0.505	-	427
DHC5	12339	79	14	79	0	12219	0.177	1.000	0.001	3271792967	13752	3271779215	362517	3271430450	13472	349045	3271430170	280	0.980	0.037	0.508	-	445
DHC6	15742	86	12	85	1	15610	0.140	0.988	0.001	3271792967	13371	3271779596	448068	3271344899	13006	435062	3271344534	365	0.973	0.029	0.501	-	446
DHC7A	16383	64	21	63	1	16281	0.328	0.984	0.001	3271792967	12058	3271780909	497257	3271295710	11909	485348	3271295561	149	0.988	0.024	0.506	-	448
DHC7B	14144	60	6	59	1	14039	0.100	0.983	0.000	3271792967	11897	3271781070	412977	3271379990	11692	401285	3271379785	205	0.983	0.028	0.505	-	449
DHC7C	12472	73	16	72	1	12356	0.219	0.986	0.001	3271792967	11880	3271781087	371141	3271421826	11755	359386	3271421701	125	0.989	0.032	0.511	-	381
DHC8	16617	73	15	73	0	16504	0.205	1.000	0.001	3271792967	12190	3271780777	481252	3271311715	11819	469433	3271311344	371	0.970	0.025	0.497	-	453
DHC9A	13421	75	14	75	0	13318	0.187	1.000	0.001	3271792967	12186	3271780781	389167	3271403800	11824	377343	3271403438	362	0.970	0.030	0.500	-	390
DHC9B	24120	85	8	82	3	23967	0.094	0.965	0.000	3271792967	13791	3271779176	769477	3271023490	12496	756981	3271022195	1295	0.906	0.016	0.461	-	472
DHC11	29287	43	3	41	2	29175	0.070	0.953	0.000	3271792967	14337	3271778630	787743	3271005224	13540	774203	3271004427	797	0.944	0.017	0.481	-	541
Others	**39018**	**93**	**23**	**84**	**9**	**38891**	**0.247**	**0.903**	**0.001**	**22902550769**	**14186**	**22902536583**	**697742**	**22901853027**	**13887**	**683855**	**22901852728**	**299**	**0.979**	**0.020**	**0.499**	**-**	**372**
NedKinesinJ_fl	19092	3	1	3	0	19058	0.333	1.000	0.000	3271792967	2273	3271790694	328419	3271464548	2243	326176	3271464518	30	0.987	0.007	0.497	-	511
PhsP62_fl	18956	3	0	3	0	18941	0.000	1.000	0.000	3271792967	1506	3271791461	332668	3271460299	1419	331249	3271460212	87	0.942	0.004	0.473	-	1093
HsP50_fl	96	16	4	14	2	82	0.250	0.875	0.042	3271792967	1218	3271791749	3483	3271789484	1194	2289	3271789460	24	0.980	0.343	0.662	-	322
PugCor_fl	11	10	2	8	2	3	0.200	0.800	0.182	3271792967	1617	3271791350	1683	3271791284	1597	86	3271791264	20	0.988	0.949	0.968	-	9
MmP150_fl	558	32	9	29	3	529	0.281	0.906	0.016	3271792967	3843	3271789124	18985	3271773982	3762	15223	3271773901	81	0.979	0.198	0.589	-	292
HsMyo19_fl	300	24	6	23	1	277	0.250	0.958	0.020	3271792967	2910	3271790057	11661	3271781306	2874	8787	3271781270	36	0.988	0.246	0.617	-	373
ThCAP1_fl	5	5	1	4	1	1	0.200	0.800	0.200	3271792967	819	3271792148	843	3271792124	798	45	3271792103	21	0.974	0.947	0.960	-	4

Blast

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes	Duration in s
DHC all	**6794**	**1202**	**48**	**1175**	**27**	**5619**	**0.040**	**0.978**	**0.007**	**52348687472**	**209483**	**52348477989**	**1397463**	**52347290009**	**204038**	**1193425**	**52347284564**	**5445**	**0.974**	**0.146**	**0.560**	**-**	**-**
DHC1	296	77	0	75	2	230	0.000	0.974	0.000	3271792967	13683	3271779284	65551	3271727416	13494	52057	3271727227	189	0.986	0.206	0.596	-	-
DHC2	271	88	6	86	2	187	0.068	0.977	0.022	3271792967	12702	3271780265	55830	3271737137	12466	43364	3271736901	236	0.981	0.223	0.602	-	-
DHC3A	464	92	4	91	1	375	0.043	0.989	0.009	3271792967	14070	3271778897	94512	3271698455	13724	80788	3271698109	346	0.975	0.145	0.560	-	-
DHC3B	454	78	2	77	1	376	0.026	0.987	0.004	3271792967	13745	3271779222	92931	3271700036	13457	79474	3271699748	288	0.979	0.145	0.562	-	-
DHC4A	490	82	6	80	2	412	0.073	0.976	0.012	3271792967	13523	3271779444	99927	3271693040	13099	86828	3271692616	424	0.969	0.131	0.550	-	-
DHC4B	490	79	2	77	2	412	0.025	0.975	0.004	3271792967	13284	3271779683	99482	3271693485	12823	86659	3271693024	461	0.965	0.129	0.547	-	-
DHC4C	485	68	1	68	0	417	0.015	1.000	0.002	3271792967	13014	3271779953	99254	3271693713	12633	86621	3271693332	381	0.971	0.127	0.549	-	-
DHC5	462	79	2	77	2	382	0.025	0.975	0.004	3271792967	13752	3271779215	94363	3271698604	13508	80855	3271698360	244	0.982	0.143	0.563	-	-
DHC6	491	86	3	84	2	413	0.035	0.977	0.006	3271792967	13371	3271779596	102507	3271690460	12944	89563	3271690033	427	0.968	0.126	0.547	-	-
DHC7A	480	64	7	63	1	413	0.109	0.984	0.015	3271792967	12058	3271780909	95152	3271697815	11836	83316	3271697593	222	0.982	0.124	0.553	-	-
DHC7B	489	60	2	60	0	420	0.033	1.000	0.004	3271792967	11897	3271781070	98785	3271694182	11760	87025	3271694045	137	0.988	0.119	0.554	-	-
DHC7C	499	73	4	72	1	419	0.055	0.986	0.008	3271792967	11880	3271781087	100113	3271692854	11677	88436	3271692651	203	0.983	0.117	0.550	-	-
DHC8	511	73	2	72	1	440	0.027	0.986	0.004	3271792967	12190	3271780777	102630	3271690337	11862	90768	3271690009	328	0.973	0.116	0.544	-	-
DHC9A	498	75	5	75	0	423	0.067	1.000	0.010	3271792967	12186	3271780781	101592	3271691375	12087	89505	3271691276	99	0.992	0.119	0.555	-	-
DHC9B	373	85	2	79	6	294	0.024	0.929	0.005	3271792967	13791	3271779176	77608	3271715359	13020	64588	3271714588	771	0.944	0.168	0.556	-	-
DHC11	41	43	0	39	4	6	0.000	0.907	0.000	3271792967	14337	3271778630	17226	3271775741	13648	3578	3271775052	689	0.952	0.792	0.872	-	-
Others	**279**	**93**	**5**	**79**	**14**	**209**	**0.054**	**0.849**	**0.018**	**9014070513**	**14186**	**9014056327**	**56764**	**9014013749**	**13470**	**43294**	**9014013033**	**716**	**0.950**	**0.237**	**0.593**	**-**	**-**
NedKinesinJ_fl	20	3	0	3	0	16	0.000	1.000	0.000	37302679	2273	37300406	9501	37293178	2271	7230	37293176	2	0.999	0.239	0.619	-	-
PhsP62_fl	5	3	0	3	0	3	0.000	1.000	0.000	77806163	1506	77804657	1938	77804225	1488	450	77804207	18	0.988	0.768	0.878	-	-
HsP50_fl	12	16	2	12	4	0	0.125	0.750	0.167	3095677409	1218	3095676191	1107	3095676302	1013	94	3095676097	205	0.832	0.915	0.873	-	-

PugCor_fl	14	10	0	8	2	10	0.000	0.800	0.000	88644628	1617	88643011	5700	88638928	1600	4100	88638911	17	0.989	0.281	0.635	-	-
MmP150_fl	41	32	2	25	7	17	0.063	0.781	0.049	2580223614	3843	2580219771	7120	2580216494	3400	3720	2580216051	443	0.885	0.478	0.681	-	-
HsMyo19_fl	185	24	1	23	1	163	0.042	0.958	0.005	3095677409	2910	3095674499	30375	3095647034	2880	27495	3095647004	30	0.990	0.095	0.542	-	-
ThCAP1_fl	2	5	0	5	0	0	0.000	1.000	0.000	38738611	819	38737792	1023	38737588	818	205	38737587	1	0.999	0.800	0.899	-	-

Scenarios 2 and 4 (gene region)

Scipio v1.0

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1206**	**1202**	**1036**	**1186**	**16**	**10**	**0.862**	**0.987**	**0.859**	**3910464**	**209483**	**3700981**	**205217**	**3705247**	**204853**	**364**	**3700617**	**4630**	**0.978**	**0.998**	**0.987**	**16**
DHC1	77	77	76	77	0	0	0.987	1.000	0.987	66248	13683	52565	13686	52562	13683	3	52562	0	1.000	1.000	1.000	1
DHC2	90	88	83	88	0	2	0.943	1.000	0.922	417085	12702	404383	12702	404383	12678	24	404359	24	0.998	0.998	0.998	1
DHC3A	93	92	89	92	0	0	0.967	1.000	0.957	362204	14070	348134	13815	348389	13815	0	348134	255	0.982	1.000	0.991	1
DHC3B	79	78	67	78	0	1	0.859	1.000	0.848	302827	13745	289082	13639	289188	13601	38	289044	144	0.990	0.997	0.993	1
DHC4A	83	82	78	82	0	1	0.951	1.000	0.940	365115	13523	351592	13523	351592	13511	12	351580	12	0.999	0.999	0.999	1
DHC4B	79	79	70	79	0	0	0.886	1.000	0.886	119251	13284	105967	13122	106129	13099	23	105944	185	0.986	0.998	0.991	1
DHC4C	68	68	61	68	0	0	0.897	1.000	0.897	490267	13014	477253	12895	477372	12886	9	477244	128	0.990	0.999	0.995	1
DHC5	78	79	71	78	1	0	0.899	0.987	0.910	144290	13752	130538	13617	130673	13584	33	130505	168	0.988	0.998	0.992	1
DHC6	84	86	80	84	2	0	0.930	0.977	0.952	138640	13371	125269	13056	125584	13055	1	125268	316	0.976	1.000	0.987	1
DHC7A	63	64	58	63	1	0	0.906	0.984	0.921	257605	12058	245547	11944	245661	11934	10	245537	124	0.990	0.999	0.994	1
DHC7B	59	60	50	59	1	0	0.833	0.983	0.847	191156	11897	179259	11730	179426	11726	4	179255	171	0.986	1.000	0.992	1
DHC7C	72	73	69	72	1	0	0.945	0.986	0.958	205577	11880	193697	11799	193778	11794	5	193692	86	0.993	1.000	0.996	1
DHC8	73	73	58	73	0	0	0.795	1.000	0.795	84895	12190	72705	11962	72933	11922	40	72665	268	0.978	0.997	0.985	1
DHC9A	75	75	59	74	1	1	0.787	0.987	0.787	306568	12186	294382	11733	294835	11693	40	294342	493	0.960	0.997	0.977	1
DHC9B	86	85	43	79	6	4	0.506	0.929	0.500	373531	13791	359740	12452	361079	12344	108	359632	1447	0.895	0.991	0.941	1
DHC11	47	43	24	40	3	1	0.558	0.930	0.511	85205	14337	70868	13542	71663	13528	14	70854	809	0.944	0.999	0.966	1
Others	**87**	**93**	**75**	**83**	**10**	**1**	**0.806**	**0.892**	**0.862**	**108735**	**14186**	**94549**	**13957**	**94778**	**13900**	**57**	**94492**	**286**	**0.980**	**0.996**	**0.986**	**7**
NedKinesinJ_fl	5	3	2	3	0	0	0.667	1.000	0.400	6820	2273	4547	2243	4577	2243	0	4547	30	0.987	1.000	0.990	1
PhsP62_fl	4	3	0	3	0	0	0.000	1.000	0.000	5645	1506	4139	1434	4211	1428	6	4133	78	0.948	0.996	0.962	1
HsP50_fl	13	16	13	13	3	0	0.813	0.813	1.000	20372	1218	19154	1167	19205	1167	0	19154	51	0.958	1.000	0.978	1
PugCor_fl	10	10	9	9	1	1	0.900	0.900	0.900	6606	1617	4989	1617	4989	1608	9	4980	9	0.994	0.994	0.993	1
MmP150_fl	28	32	26	28	4	0	0.813	0.875	0.929	23936	3843	20093	3770	20166	3756	14	20079	87	0.977	0.996	0.984	1
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	40271	2910	37361	2907	37364	2898	9	37352	12	0.996	0.997	0.996	1
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	5085	819	4266	819	4266	800	19	4247	19	0.977	0.977	0.972	1

Scipio v1.5

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1202**	**1202**	**1119**	**1189**	**13**	**6**	**0.931**	**0.989**	**0.931**	**3910464**	**209486**	**3700978**	**206955**	**3703509**	**206529**	**426**	**3700552**	**2957**	**0.986**	**0.998**	**0.991**	**16**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	66248	13686	52562	13686	52562	13686	0	52562	0	1.000	1.000	1.000	1
DHC2	89	88	86	88	0	1	0.977	1.000	0.966	417085	12702	404383	12780	404305	12702	78	404305	0	1.000	0.994	0.997	1
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	362204	14070	348134	13854	348350	13854	0	348134	216	0.985	1.000	0.992	1
DHC3B	78	78	74	78	0	0	0.949	1.000	0.949	302827	13745	289082	13748	289079	13735	13	289069	10	0.999	0.999	0.999	1
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	365115	13523	351592	13523	351592	13519	4	351588	4	1.000	1.000	1.000	1
DHC4B	79	79	75	79	0	0	0.949	1.000	0.949	119251	13284	105967	13223	106028	13198	25	105942	86	0.994	0.998	0.995	1
DHC4C	70	68	62	68	0	2	0.912	1.000	0.886	490267	13014	477253	13122	477145	13014	108	477145	0	1.000	0.992	0.996	1
DHC5	78	79	75	78	1	0	0.949	0.987	0.962	144290	13752	130538	13617	130673	13603	14	130524	149	0.989	0.999	0.993	1
DHC6	84	86	83	84	2	0	0.965	0.977	0.988	138640	13371	125269	13071	125569	13071	0	125269	300	0.978	1.000	0.988	1
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12064	245541	12058	6	245541	0	1.000	1.000	1.000	1
DHC7B	59	60	54	59	1	0	0.900	0.983	0.915	191156	11897	179259	11772	179384	11769	3	179256	128	0.989	1.000	0.994	1
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	205577	11880	193697	11880	193697	11876	4	193693	4	1.000	1.000	1.000	1
DHC8	75	73	65	73	0	2	0.890	1.000	0.867	84895	12190	72705	12068	72827	11998	70	72635	192	0.984	0.994	0.987	1
DHC9A	74	75	66	74	1	0	0.880	0.987	0.892	306568	12186	294382	11874	294694	11845	29	294353	341	0.972	0.998	0.984	1
DHC9B	83	85	65	80	5	1	0.765	0.941	0.783	373531	13791	359740	12960	360571	12898	62	359678	893	0.935	0.995	0.964	1
DHC11	45	43	32	40	3	0	0.744	0.930	0.711	85205	14337	70868	13713	71492	13703	10	70858	634	0.956	0.999	0.973	1
Others	**91**	**93**	**91**	**91**	**2**	**0**	**0.978**	**0.978**	**1.000**	**108735**	**14186**	**94549**	**14117**	**94618**	**14117**	**0**	**94549**	**69**	**0.995**	**1.000**	**0.997**	**7**
NedKinesinJ_fl	3	3	3	3	0	0	1.000	1.000	1.000	6820	2273	4547	2273	4547	2273	0	4547	0	1.000	1.000	1.000	1
PhsP62_fl	3	3	3	3	0	0	1.000	1.000	1.000	5645	1506	4139	1506	4139	1506	0	4139	0	1.000	1.000	1.000	1
HsP50_fl	15	16	15	15	1	0	0.938	0.938	1.000	20372	1218	19154	1182	19190	1182	0	19154	36	0.970	1.000	0.984	1
PugCor_fl	10	10	10	10	0	0	1.000	1.000	1.000	6606	1617	4989	1617	4989	1617	0	4989	0	1.000	1.000	1.000	1
MmP150_fl	31	32	31	31	1	0	0.969	0.969	1.000	23936	3843	20093	3810	20126	3810	0	20093	33	0.991	1.000	0.995	1
HsMyo19_fl	24	24	24	24	0	0	1.000	1.000	1.000	40271	2910	37361	2910	37361	2910	0	37361	0	1.000	1.000	1.000	1
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	5085	819	4266	819	4266	819	0	4266	0	1.000	1.000	1.000	1

Scipio v1.5 (Blat tilesize 6)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1215**	**1202**	**1138**	**1198**	**4**	**7**	**0.947**	**0.997**	**0.937**	**3910464**	**209483**	**3700981**	**208343**	**3702121**	**207834**	**509**	**3700472**	**1649**	**0.992**	**0.998**	**0.995**	**16**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	66248	13683	52565	13683	52565	13683	0	52565	0	1.000	1.000	1.000	1
DHC2	89	88	87	88	0	1	0.989	1.000	0.978	417085	12702	404383	12777	404308	12702	75	404308	0	1.000	0.994	0.997	1
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	362204	14070	348134	13944	348260	13944	0	348134	126	0.991	1.000	0.995	1
DHC3B	78	78	74	78	0	0	0.949	1.000	0.949	302827	13745	289082	13751	289076	13735	16	289066	10	0.999	0.999	0.999	1
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	365115	13523	351592	13523	351592	13519	4	351588	4	1.000	1.000	1.000	1
DHC4B	79	79	75	79	0	0	0.949	1.000	0.949	119251	13284	105967	13220	106031	13198	22	105945	86	0.994	0.998	0.995	1
DHC4C	71	68	62	68	0	2	0.912	1.000	0.873	490267	13014	477253	13076	477191	12968	108	477145	46	0.996	0.992	0.994	1
DHC5	79	79	76	79	0	0	0.962	1.000	0.962	144290	13752	130538	13653	130637	13639	14	130524	113	0.992	0.999	0.995	1
DHC6	85	86	84	85	1	0	0.977	0.988	0.988	138640	13371	125269	13116	125524	13116	0	125269	255	0.981	1.000	0.989	1
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12064	245541	12058	6	245541	0	1.000	1.000	1.000	1
DHC7B	60	60	58	60	0	0	0.967	1.000	0.967	191156	11897	179259	11892	179264	11889	3	179256	8	0.999	1.000	1.000	1
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	205577	11880	193697	11880	193697	11876	4	193693	4	1.000	1.000	1.000	1
DHC8	75	73	65	73	0	2	0.890	1.000	0.867	84895	12190	72705	12068	72827	11998	70	72635	192	0.984	0.994	0.987	1
DHC9A	75	75	68	75	0	0	0.907	1.000	0.907	306568	12186	294382	12078	294490	12058	20	294362	128	0.989	0.998	0.994	1
DHC9B	89	85	72	83	2	2	0.847	0.976	0.809	373531	13791	359740	13623	359908	13470	153	359587	321	0.977	0.989	0.982	1
DHC11	47	43	35	42	1	0	0.814	0.977	0.745	85205	14337	70868	13995	71210	13981	14	70854	356	0.975	0.999	0.984	1
Others	**87**	**87**	**87**	**87**	**0**	**0**	**1.000**	**1.000**	**1.000**	**96270**	**10407**	**85863**	**10407**	**85863**	**10407**	**0**	**85863**	**0**	**1.000**	**1.000**	**1.000**	**5**
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	20372	1218	19154	1218	19154	1218	0	19154	0	1.000	1.000	1.000	1
PugCor_fl	10	10	10	10	0	0	1.000	1.000	1.000	6606	1617	4989	1617	4989	1617	0	4989	0	1.000	1.000	1.000	1
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	23936	3843	20093	3843	20093	3843	0	20093	0	1.000	1.000	1.000	1
HsMyo19_fl	24	24	24	24	0	0	1.000	1.000	1.000	40271	2910	37361	2910	37361	2910	0	37361	0	1.000	1.000	1.000	1
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	5085	819	4266	819	4266	819	0	4266	0	1.000	1.000	1.000	1

Scipio v1.5 (Blat tilesize 5)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1231**	**1202**	**1134**	**1199**	**3**	**23**	**0.943**	**0.998**	**0.921**	**3910464**	**209486**	**3700978**	**209026**	**3701438**	**208251**	**775**	**3700203**	**1235**	**0.994**	**0.996**	**0.995**	**16**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	66248	13686	52562	13686	52562	13686	0	52562	0	1.000	1.000	1.000	1
DHC2	90	88	86	88	0	2	0.977	1.000	0.956	417085	12702	404383	12786	404299	12702	84	404299	0	1.000	0.993	0.997	1
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	362204	14070	348134	13941	348263	13941	0	348134	129	0.991	1.000	0.995	1
DHC3B	80	78	73	78	0	2	0.936	1.000	0.913	302827	13745	289082	13763	289064	13724	39	289043	21	0.998	0.997	0.998	1
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	365115	13523	351592	13523	351592	13519	4	351588	4	1.000	1.000	1.000	1
DHC4B	80	79	75	79	0	0	0.949	1.000	0.938	119251	13284	105967	13247	106004	13225	22	105945	59	0.996	0.998	0.997	1
DHC4C	72	68	63	68	0	3	0.926	1.000	0.875	490267	13014	477253	13088	477179	12968	120	477133	46	0.996	0.991	0.993	1
DHC5	80	79	76	79	0	1	0.962	1.000	0.950	144290	13752	130538	13656	130634	13636	20	130518	116	0.992	0.999	0.995	1
DHC6	86	86	83	85	1	1	0.965	0.988	0.965	138640	13371	125269	13122	125518	13113	9	125260	258	0.981	0.999	0.989	1
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12064	245541	12058	6	245541	0	1.000	1.000	1.000	1
DHC7B	61	60	57	60	0	1	0.950	1.000	0.934	191156	11897	179259	11969	179187	11894	75	179184	3	1.000	0.994	0.997	1
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	205577	11880	193697	11880	193697	11876	4	193693	4	1.000	1.000	1.000	1
DHC8	76	73	64	73	0	3	0.877	1.000	0.842	84895	12190	72705	12263	72632	12172	91	72614	18	0.999	0.993	0.995	1
DHC9A	76	75	68	75	0	1	0.907	1.000	0.895	306568	12186	294382	12204	294364	12169	35	294347	17	0.999	0.997	0.998	1
DHC9B	95	85	73	84	1	8	0.859	0.988	0.768	373531	13791	359740	13704	359827	13467	237	359503	324	0.977	0.983	0.979	1
DHC11	47	43	34	42	1	1	0.791	0.977	0.723	85205	14337	70868	14130	71075	14101	29	70839	236	0.984	0.998	0.989	1
Others	**87**	**87**	**87**	**87**	**0**	**0**	**1.000**	**1.000**	**1.000**	**96270**	**10407**	**85863**	**10407**	**85863**	**10407**	**0**	**85863**	**0**	**1.000**	**1.000**	**1.000**	**5**
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	20372	1218	19154	1218	19154	1218	0	19154	0	1.000	1.000	1.000	1
PugCor_fl	10	10	10	10	0	0	1.000	1.000	1.000	6606	1617	4989	1617	4989	1617	0	4989	0	1.000	1.000	1.000	1
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	23936	3843	20093	3843	20093	3843	0	20093	0	1.000	1.000	1.000	1
HsMyo19_fl	24	24	24	24	0	0	1.000	1.000	1.000	40271	2910	37361	2910	37361	2910	0	37361	0	1.000	1.000	1.000	1
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	5085	819	4266	819	4266	819	0	4266	0	1.000	1.000	1.000	1

Prosplign

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1242**	**1202**	**1150**	**1201**	**1**	**41**	**0.957**	**0.999**	**0.926**	**3910464**	**209482**	**3700982**	**211921**	**3698543**	**209179**	**2742**	**3698240**	**303**	**0.999**	**0.987**	**0.992**	**16**
DHC1	79	77	77	77	0	2	1.000	1.000	0.975	66248	13682	52566	13746	52502	13682	64	52502	0	1.000	0.995	0.997	1
DHC2	93	88	86	88	0	5	0.977	1.000	0.925	417085	12702	404383	12912	404173	12702	210	404173	0	1.000	0.984	0.992	1
DHC3A	93	92	91	92	0	1	0.989	1.000	0.978	362204	14070	348134	14145	348059	14070	75	348059	0	1.000	0.995	0.997	1
DHC3B	79	78	74	78	0	1	0.949	1.000	0.937	302827	13745	289082	13895	288932	13735	160	288922	10	0.999	0.988	0.994	1
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	365115	13523	351592	13523	351592	13519	4	351588	4	1.000	1.000	1.000	1
DHC4B	82	79	75	79	0	3	0.949	1.000	0.915	119251	13284	105967	13425	105826	13226	199	105768	58	0.996	0.985	0.989	1

DHC4C	76	68	61	68	0	8	0.897	1.000	0.803	490267	13014	477253	13498	476769	13000	498	476755	14	0.999	0.963	0.980	1
DHC5	79	79	79	79	0	0	1.000	1.000	1.000	144290	13752	130538	13752	130538	13752	0	130538	0	1.000	1.000	1.000	1
DHC6	90	86	85	86	0	4	0.988	1.000	0.944	138640	13371	125269	13518	125122	13309	209	125060	62	0.995	0.985	0.989	1
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12073	245532	12058	15	245532	0	1.000	0.999	0.999	1
DHC7B	62	60	57	60	0	2	0.950	1.000	0.919	191156	11897	179259	12168	178988	11890	278	178981	7	0.999	0.977	0.987	1
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	205577	11880	193697	11880	193697	11876	4	193693	4	1.000	1.000	1.000	1
DHC8	81	73	64	73	0	8	0.877	1.000	0.790	84895	12190	72705	12739	72156	12189	550	72155	1	1.000	0.957	0.975	1
DHC9A	79	75	70	75	0	4	0.933	1.000	0.886	306568	12186	294382	12471	294097	12184	287	294095	2	1.000	0.977	0.988	1
DHC9B	87	85	77	84	1	3	0.906	0.988	0.885	373531	13791	359740	13821	359710	13650	171	359569	141	0.990	0.988	0.988	1
DHC11	43	43	40	43	0	0	0.930	1.000	0.930	85205	14337	70868	14355	70850	14337	18	70850	0	1.000	0.999	0.999	1
Others	**91**	**93**	**86**	**91**	**2**	**0**	**0.925**	**0.978**	**0.945**	**108735**	**14186**	**94549**	**12504**	**96231**	**12478**	**26**	**94523**	**1708**	**0.880**	**0.998**	**0.930**	**7**
NedKinesinJ_fl	3	3	2	3	0	0	0.667	1.000	0.667	6820	2273	4547	585	6235	585	0	4547	1688	0.257	1.000	0.493	1
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	5645	1506	4139	1512	4133	1503	9	4130	3	0.998	0.994	0.995	1
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	20372	1218	19154	1218	19154	1218	0	19154	0	1.000	1.000	1.000	1
PugCor_fl	9	10	8	9	1	0	0.800	0.900	0.889	6606	1617	4989	1617	4989	1612	5	4984	5	0.997	0.997	0.996	1
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	23936	3843	20093	3843	20093	3843	0	20093	0	1.000	1.000	1.000	1
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	40271	2910	37361	2910	37361	2898	12	37349	12	0.996	0.996	0.996	1
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	5085	819	4266	819	4266	819	0	4266	0	1.000	1.000	1.000	1

Prosplign (Blast)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1242**	**1202**	**1150**	**1201**	**1**	**41**	**0.957**	**0.999**	**0.926**	**3910464**	**209482**	**3700982**	**212058**	**3698406**	**209179**	**2879**	**3698103**	**303**	**0.999**	**0.986**	**0.992**	**16**
DHC1	79	77	77	77	0	2	1.000	1.000	0.975	66248	13682	52566	13883	52365	13682	201	52365	0	1.000	0.986	0.991	1
DHC2	93	88	86	88	0	5	0.977	1.000	0.925	417085	12702	404383	12912	404173	12702	210	404173	0	1.000	0.984	0.992	1
DHC3A	93	92	91	92	0	1	0.989	1.000	0.978	362204	14070	348134	14145	348059	14070	75	348059	0	1.000	0.995	0.997	1
DHC3B	79	78	74	78	0	1	0.949	1.000	0.937	302827	13745	289082	13895	288932	13735	160	288922	10	0.999	0.988	0.994	1
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	365115	13523	351592	13523	351592	13519	4	351588	4	1.000	1.000	1.000	1
DHC4B	82	79	75	79	0	3	0.949	1.000	0.915	119251	13284	105967	13425	105826	13226	199	105768	58	0.996	0.985	0.989	1
DHC4C	76	68	61	68	0	8	0.897	1.000	0.803	490267	13014	477253	13498	476769	13000	498	476755	14	0.999	0.963	0.980	1
DHC5	79	79	79	79	0	0	1.000	1.000	1.000	144290	13752	130538	13752	130538	13752	0	130538	0	1.000	1.000	1.000	1
DHC6	90	86	85	86	0	4	0.988	1.000	0.944	138640	13371	125269	13518	125122	13309	209	125060	62	0.995	0.985	0.989	1
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12073	245532	12058	15	245532	0	1.000	0.999	0.999	1
DHC7B	62	60	57	60	0	2	0.950	1.000	0.919	191156	11897	179259	12168	178988	11890	278	178981	7	0.999	0.977	0.987	1
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	205577	11880	193697	11880	193697	11876	4	193693	4	1.000	1.000	1.000	1
DHC8	81	73	64	73	0	8	0.877	1.000	0.790	84895	12190	72705	12739	72156	12189	550	72155	1	1.000	0.957	0.975	1
DHC9A	79	75	70	75	0	4	0.933	1.000	0.886	306568	12186	294382	12471	294097	12184	287	294095	2	1.000	0.977	0.988	1
DHC9B	87	85	77	84	1	3	0.906	0.988	0.885	373531	13791	359740	13821	359710	13650	171	359569	141	0.990	0.988	0.988	1
DHC11	43	43	40	43	0	0	0.930	1.000	0.930	85205	14337	70868	14355	70850	14337	18	70850	0	1.000	0.999	0.999	1
Others	**91**	**93**	**86**	**91**	**2**	**0**	**0.925**	**0.978**	**0.945**	**108735**	**14186**	**94549**	**12504**	**96231**	**12478**	**26**	**94523**	**1708**	**0.880**	**0.998**	**0.930**	**7**
NedKinesinJ_fl	3	3	2	3	0	0	0.667	1.000	0.667	6820	2273	4547	585	6235	585	0	4547	1688	0.257	1.000	0.493	1
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	5645	1506	4139	1512	4133	1503	9	4130	3	0.998	0.994	0.995	1
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	20372	1218	19154	1218	19154	1218	0	19154	0	1.000	1.000	1.000	1
PugCor_fl	9	10	8	9	1	0	0.800	0.900	0.889	6606	1617	4989	1617	4989	1612	5	4984	5	0.997	0.997	0.996	1
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	23936	3843	20093	3843	20093	3843	0	20093	0	1.000	1.000	1.000	1
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	40271	2910	37361	2910	37361	2898	12	37349	12	0.996	0.996	0.996	1
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	5085	819	4266	819	4266	819	0	4266	0	1.000	1.000	1.000	1

Prosplign (Blat)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1244**	**1202**	**1148**	**1199**	**3**	**45**	**0.955**	**0.998**	**0.923**	**3910464**	**209482**	**3700982**	**211838**	**3698626**	**208781**	**3057**	**3697925**	**701**	**0.997**	**0.986**	**0.991**	**17**
DHC1	79	77	77	77	0	2	1.000	1.000	0.975	66248	13682	52566	13738	52510	13682	56	52510	0	1.000	0.996	0.997	1
DHC2	93	88	86	88	0	5	0.977	1.000	0.925	417085	12702	404383	12912	404173	12702	210	404173	0	1.000	0.984	0.992	1
DHC3A	93	92	91	92	0	1	0.989	1.000	0.978	362204	14070	348134	14145	348059	14070	75	348059	0	1.000	0.995	0.997	1
DHC3B	79	78	74	78	0	1	0.949	1.000	0.937	302827	13745	289082	13895	288932	13735	160	288922	10	0.999	0.988	0.994	1
DHC4A	82	82	80	82	0	0	0.976	1.000	0.976	365115	13523	351592	13523	351592	13519	4	351588	4	1.000	1.000	1.000	1
DHC4B	82	79	75	79	0	3	0.949	1.000	0.915	119251	13284	105967	13425	105826	13226	199	105768	58	0.996	0.985	0.989	1
DHC4C	76	68	61	68	0	8	0.897	1.000	0.803	490267	13014	477253	13498	476769	13000	498	476755	14	0.999	0.963	0.980	1
DHC5	79	79	79	79	0	0	1.000	1.000	1.000	144290	13752	130538	13752	130538	13752	0	130538	0	1.000	1.000	1.000	1
DHC6	89	86	84	85	1	4	0.977	0.988	0.944	138640	13371	125269	13437	125203	13136	301	124968	235	0.982	0.978	0.978	2
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12073	245532	12058	15	245532	0	1.000	0.999	0.999	1

DHC7B	62	60	57	60	0	2	0.950	1.000	0.919	191156	11897	179259	12168	178988	11890	278	178981	7	0.999	0.977	0.987	1
DHC7C	73	73	71	73	0	0	0.973	1.000	0.973	205577	11880	193697	11880	193697	11876	4	193693	4	1.000	1.000	1.000	1
DHC8	81	73	64	73	0	8	0.877	1.000	0.790	84895	12190	72705	12739	72156	12189	550	72155	1	1.000	0.957	0.975	1
DHC9A	82	75	69	74	1	8	0.920	0.987	0.841	306568	12186	294382	12477	294091	11959	518	293864	227	0.981	0.958	0.969	1
DHC9B	87	85	77	84	1	3	0.906	0.988	0.885	373531	13791	359740	13821	359710	13650	171	359569	141	0.990	0.988	0.988	1
DHC11	43	43	40	43	0	0	0.930	1.000	0.930	85205	14337	70868	14355	70850	14337	18	70850	0	1.000	0.999	0.999	1
Others	**90**	**93**	**84**	**90**	**3**	**0**	**0.903**	**0.968**	**0.933**	**108735**	**14186**	**94549**	**14992**	**93743**	**12446**	**2546**	**92003**	**1740**	**0.877**	**0.830**	**0.831**	**7**
NedKinesinJ_fl	3	3	2	3	0	0	0.667	1.000	0.667	6820	2273	4547	3040	3780	586	2454	2093	1687	0.258	0.193	-0.268	1
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	5645	1506	4139	1512	4133	1503	9	4130	3	0.998	0.994	0.995	1
HsP50_fl	16	16	16	16	0	0	1.000	1.000	1.000	20372	1218	19154	1218	19154	1218	0	19154	0	1.000	1.000	1.000	1
PugCor_fl	9	10	8	9	1	0	0.800	0.900	0.889	6606	1617	4989	1617	4989	1612	5	4984	5	0.997	0.997	0.996	1
MmP150_fl	31	32	30	31	1	0	0.938	0.969	0.968	23936	3843	20093	3876	20060	3810	66	20027	33	0.991	0.983	0.985	1
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	40271	2910	37361	2910	37361	2898	12	37349	12	0.996	0.996	0.996	1
ThCAP1_fl	5	5	5	5	0	0	1.000	1.000	1.000	5085	819	4266	819	4266	819	0	4266	0	1.000	1.000	1.000	1

Exonerate

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1205**	**1202**	**1140**	**1195**	**7**	**6**	**0.948**	**0.994**	**0.946**	**3910464**	**209483**	**3700981**	**209870**	**3700594**	**208717**	**1153**	**3699828**	**766**	**0.996**	**0.995**	**0.995**	**32**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	66248	13683	52565	13683	52565	13683	0	52565	0	1.000	1.000	1.000	1
DHC2	90	88	86	88	0	2	0.977	1.000	0.956	417085	12702	404383	12846	404239	12702	144	404239	0	1.000	0.989	0.994	2
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	362204	14070	348134	14013	348191	14013	0	348134	57	0.996	1.000	0.998	1
DHC3B	78	78	75	78	0	0	0.962	1.000	0.962	302827	13745	289082	13763	289064	13745	18	289064	0	1.000	0.999	0.999	2
DHC4A	82	82	82	82	0	0	1.000	1.000	1.000	365115	13523	351592	13523	351592	13523	0	351592	0	1.000	1.000	1.000	1
DHC4B	79	79	74	79	0	0	0.937	1.000	0.937	119251	13284	105967	13278	105973	13265	13	105954	19	0.999	0.999	0.999	2
DHC4C	71	68	62	68	0	2	0.912	1.000	0.873	490267	13014	477253	13138	477129	13014	124	477129	0	1.000	0.991	0.995	3
DHC5	79	79	78	79	0	0	0.987	1.000	0.987	144290	13752	130538	13767	130523	13752	15	130523	0	1.000	0.999	0.999	1
DHC6	87	86	83	85	1	1	0.965	0.988	0.954	138640	13371	125269	13605	125035	13305	300	124969	66	0.995	0.978	0.985	3
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12067	245538	12058	9	245538	0	1.000	0.999	1.000	1
DHC7B	60	60	55	59	1	1	0.917	0.983	0.917	191156	11897	179259	11913	179243	11812	101	179158	85	0.993	0.992	0.992	3
DHC7C	72	73	68	72	1	0	0.932	0.986	0.944	205577	11880	193697	11880	193697	11849	31	193666	31	0.997	0.997	0.997	1
DHC8	73	73	65	73	0	0	0.890	1.000	0.890	84895	12190	72705	12158	72737	12067	91	72614	123	0.990	0.993	0.990	4
DHC9A	75	75	71	75	0	0	0.947	1.000	0.947	306568	12186	294382	12228	294340	12186	42	294340	0	1.000	0.997	0.998	3
DHC9B	83	85	72	82	3	0	0.847	0.965	0.867	373531	13791	359740	13713	359818	13500	213	359527	291	0.979	0.984	0.981	3
DHC11	43	43	38	42	1	0	0.884	0.977	0.884	85205	14337	70868	14295	70910	14243	52	70816	94	0.993	0.996	0.994	1
Others	**88**	**93**	**77**	**87**	**6**	**0**	**0.828**	**0.935**	**0.875**	**108735**	**14186**	**94549**	**14168**	**94567**	**14107**	**61**	**94488**	**79**	**0.994**	**0.996**	**0.994**	**8**
NedKinesinJ_fl	4	3	2	3	0	0	0.667	1.000	0.500	6820	2273	4547	2273	4547	2273	0	4547	0	1.000	1.000	1.000	2
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	5645	1506	4139	1494	4151	1494	0	4139	12	0.992	1.000	0.995	1
HsP50_fl	14	16	13	14	2	0	0.813	0.875	0.929	20372	1218	19154	1218	19154	1203	15	19139	15	0.988	0.988	0.987	1
PugCor_fl	8	10	4	8	2	0	0.400	0.800	0.500	6606	1617	4989	1614	4992	1596	18	4971	21	0.987	0.989	0.984	1
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	23936	3843	20093	3843	20093	3843	0	20093	0	1.000	1.000	1.000	1
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	40271	2910	37361	2907	37364	2898	9	37352	12	0.996	0.997	0.996	1
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	5085	819	4266	819	4266	800	19	4247	19	0.977	0.977	0.972	1

Exonerate (1 gene)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**952**	**1202**	**910**	**947**	**255**	**4**	**0.757**	**0.788**	**0.956**	**3910464**	**209483**	**3700981**	**166336**	**3744128**	**165824**	**512**	**3700469**	**43659**	**0.792**	**0.997**	**0.888**	**16**
DHC1	77	77	77	77	0	0	1.000	1.000	1.000	66248	13683	52565	13683	52565	13683	0	52565	0	1.000	1.000	1.000	1
DHC2	53	88	50	51	37	2	0.568	0.580	0.943	417085	12702	404383	8382	408703	8310	72	404311	4392	0.654	0.991	0.817	1
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	362204	14070	348134	14013	348191	14013	0	348134	57	0.996	1.000	0.998	1
DHC3B	61	78	59	61	17	0	0.756	0.782	0.967	302827	13745	289082	10439	292388	10428	11	289071	3317	0.759	0.999	0.873	1
DHC4A	82	82	82	82	0	0	1.000	1.000	1.000	365115	13523	351592	13523	351592	13523	0	351592	0	1.000	1.000	1.000	1
DHC4B	49	79	45	49	30	0	0.570	0.620	0.918	119251	13284	105967	7881	111370	7871	10	105957	5413	0.593	0.999	0.771	1
DHC4C	33	68	28	32	36	1	0.412	0.471	0.848	490267	13014	477253	6382	483885	6322	60	477193	6692	0.486	0.991	0.731	1
DHC5	79	79	78	79	0	0	0.987	1.000	0.987	144290	13752	130538	13767	130523	13752	15	130523	0	1.000	0.999	0.999	1
DHC6	48	86	46	48	38	0	0.535	0.558	0.958	138640	13371	125269	7623	131017	7599	24	125245	5772	0.568	0.997	0.760	1
DHC7A	64	64	63	64	0	0	0.984	1.000	0.984	257605	12058	245547	12067	245538	12058	9	245538	0	1.000	0.999	1.000	1
DHC7B	43	60	41	42	18	1	0.683	0.700	0.953	191156	11897	179259	6537	184619	6448	89	179170	5449	0.542	0.986	0.749	1
DHC7C	72	73	68	72	1	0	0.932	0.986	0.944	205577	11880	193697	11880	193697	11849	31	193666	31	0.997	0.997	0.997	1
DHC8	62	73	57	62	11	0	0.781	0.849	0.919	84895	12190	72705	10165	74730	10092	73	72632	2098	0.828	0.993	0.896	1
DHC9A	50	75	48	50	25	0	0.640	0.667	0.960	306568	12186	294382	8364	298204	8357	7	294375	3829	0.686	0.999	0.836	1

DHC9B	44	85	39	44	41	0	0.459	0.518	0.886	373531	13791	359740	7335	366196	7276	59	359681	6515	0.528	0.992	0.751	1
DHC11	43	43	38	42	1	0	0.884	0.977	0.884	85205	14337	70868	14295	70910	14243	52	70816	94	0.993	0.996	0.994	1
Others	**87**	**93**	**77**	**87**	**6**	**0**	**0.828**	**0.935**	**0.885**	**108735**	**14186**	**94549**	**14090**	**94645**	**14029**	**61**	**94488**	**157**	**0.989**	**0.996**	**0.991**	**7**
NedKinesinJ_fl	3	3	2	3	0	0	0.667	1.000	0.667	6820	2273	4547	2195	4625	2195	0	4547	78	0.966	1.000	0.974	1
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	5645	1506	4139	1494	4151	1494	0	4139	12	0.992	1.000	0.995	1
HsP50_fl	14	16	13	14	2	0	0.813	0.875	0.929	20372	1218	19154	1218	19154	1203	15	19139	15	0.988	0.988	0.987	1
PugCor_fl	8	10	4	8	2	0	0.400	0.800	0.500	6606	1617	4989	1614	4992	1596	18	4971	21	0.987	0.989	0.984	1
MmP150_fl	32	32	32	32	0	0	1.000	1.000	1.000	23936	3843	20093	3843	20093	3843	0	20093	0	1.000	1.000	1.000	1
HsMyo19_fl	23	24	22	23	1	0	0.917	0.958	0.957	40271	2910	37361	2907	37364	2898	9	37352	12	0.996	0.997	0.996	1
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	5085	819	4266	819	4266	800	19	4247	19	0.977	0.977	0.972	1

Prot_map

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1278**	**1202**	**1102**	**1198**	**4**	**27**	**0.917**	**0.997**	**0.862**	**3910464**	**209482**	**3700982**	**208618**	**3701846**	**208031**	**587**	**3700395**	**1451**	**0.993**	**0.997**	**0.995**	**16**
DHC1	78	77	76	77	0	1	0.987	1.000	0.974	66248	13682	52566	13716	52532	13682	34	52532	0	1.000	0.998	0.998	1
DHC2	89	88	84	88	0	1	0.955	1.000	0.944	417085	12702	404383	12717	404368	12686	31	404352	16	0.999	0.998	0.998	1
DHC3A	95	92	88	92	0	0	0.957	1.000	0.926	362204	14070	348134	13998	348206	13995	3	348131	75	0.995	1.000	0.997	1
DHC3B	81	78	74	78	0	0	0.949	1.000	0.914	302827	13745	289082	13712	289115	13709	3	289079	36	0.997	1.000	0.999	1
DHC4A	84	82	78	82	0	0	0.951	1.000	0.929	365115	13523	351592	13508	351607	13505	3	351589	18	0.999	1.000	0.999	1
DHC4B	86	79	72	79	0	2	0.911	1.000	0.837	119251	13284	105967	13261	105990	13229	32	105935	55	0.996	0.998	0.996	1
DHC4C	77	68	61	68	0	3	0.897	1.000	0.792	490267	13014	477253	13044	477223	12981	63	477190	33	0.997	0.995	0.996	1
DHC5	80	79	75	79	0	0	0.949	1.000	0.938	144290	13752	130538	13701	130589	13692	9	130529	60	0.996	0.999	0.997	1
DHC6	88	86	83	86	0	0	0.965	1.000	0.943	138640	13371	125269	13204	125436	13201	3	125266	170	0.987	1.000	0.993	1
DHC7A	65	64	61	64	0	0	0.953	1.000	0.938	257605	12058	245547	12063	245542	12057	6	245541	1	1.000	1.000	1.000	1
DHC7B	63	60	52	59	1	1	0.867	0.983	0.825	191156	11897	179259	11854	179302	11801	53	179206	96	0.992	0.996	0.993	1
DHC7C	73	73	70	73	0	0	0.959	1.000	0.959	205577	11880	193697	11883	193694	11876	7	193690	4	1.000	0.999	1.000	1
DHC8	90	73	61	73	0	14	0.836	1.000	0.678	84895	12190	72705	12246	72649	12029	217	72488	161	0.987	0.982	0.982	1
DHC9A	78	75	71	75	0	0	0.947	1.000	0.910	306568	12186	294382	12118	294450	12115	3	294379	71	0.994	1.000	0.997	1
DHC9B	98	85	64	83	2	1	0.753	0.976	0.653	373531	13791	359740	13353	360178	13307	46	359694	484	0.965	0.997	0.980	1
DHC11	53	43	32	42	1	4	0.744	0.977	0.604	85205	14337	70868	14240	70965	14166	74	70794	171	0.988	0.995	0.990	1
Others	**96**	**93**	**74**	**88**	**5**	**3**	**0.796**	**0.946**	**0.771**	**108735**	**14186**	**94549**	**14134**	**94601**	**14043**	**91**	**94458**	**143**	**0.990**	**0.994**	**0.991**	**7**
NedKinesinJ_fl	6	3	2	3	0	0	0.667	1.000	0.333	6820	2273	4547	2259	4561	2256	3	4544	17	0.993	0.999	0.993	1
PhsP62_fl	8	3	0	3	0	3	0.000	1.000	0.000	5645	1506	4139	1490	4155	1444	46	4093	62	0.959	0.969	0.951	1
HsP50_fl	14	16	13	14	2	0	0.813	0.875	0.929	20372	1218	19154	1206	19166	1203	3	19151	15	0.988	0.998	0.992	1
PugCor_fl	9	10	6	9	1	0	0.600	0.900	0.667	6606	1617	4989	1609	4997	1604	5	4984	13	0.992	0.997	0.993	1
MmP150_fl	31	32	29	31	1	0	0.906	0.969	0.935	23936	3843	20093	3834	20102	3828	6	20087	15	0.996	0.998	0.997	1
HsMyo19_fl	24	24	22	24	0	0	0.917	1.000	0.917	40271	2910	37361	2916	37355	2910	6	37355	0	1.000	0.998	0.999	1
ThCAP1_fl	4	5	2	4	1	0	0.400	0.800	0.500	5085	819	4266	820	4265	798	22	4244	21	0.974	0.973	0.969	1

Fgenesh+

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1203**	**1202**	**1141**	**1192**	**10**	**10**	**0.949**	**0.992**	**0.948**	**3910464**	**209482**	**3700982**	**207914**	**3702550**	**207321**	**593**	**3700389**	**2161**	**0.990**	**0.997**	**0.993**	**16**
DHC1	78	77	76	77	0	1	0.987	1.000	0.974	66248	13682	52566	13740	52508	13682	58	52508	0	1.000	0.996	0.997	1
DHC2	90	88	85	88	0	2	0.966	1.000	0.944	417085	12702	404383	12717	404368	12702	15	404368	0	1.000	0.999	0.999	1
DHC3A	92	92	91	92	0	0	0.989	1.000	0.989	362204	14070	348134	14073	348131	14070	3	348131	0	1.000	1.000	1.000	1
DHC3B	79	78	75	78	0	1	0.962	1.000	0.949	302827	13745	289082	13659	289168	13652	7	289075	93	0.993	0.999	0.996	1
DHC4A	82	82	78	82	0	0	0.951	1.000	0.951	365115	13523	351592	13497	351618	13490	7	351585	33	0.998	0.999	0.998	1
DHC4B	77	79	74	77	2	0	0.937	0.975	0.961	119251	13284	105967	12972	106279	12969	3	105964	315	0.976	1.000	0.987	1
DHC4C	67	68	61	65	3	2	0.897	0.956	0.910	490267	13014	477253	12275	477992	12104	171	477082	910	0.930	0.986	0.957	1
DHC5	79	79	78	79	0	0	0.987	1.000	0.987	144290	13752	130538	13755	130535	13752	3	130535	0	1.000	1.000	1.000	1
DHC6	85	86	83	85	1	0	0.965	0.988	0.976	138640	13371	125269	13335	125305	13309	26	125243	62	0.995	0.998	0.996	1
DHC7A	65	64	60	64	0	0	0.938	1.000	0.923	257605	12058	245547	12012	245593	12003	9	245538	55	0.995	0.999	0.997	1
DHC7B	61	60	57	60	0	1	0.950	1.000	0.934	191156	11897	179259	11931	179225	11883	48	179211	14	0.999	0.996	0.997	1
DHC7C	73	73	70	73	0	0	0.959	1.000	0.959	205577	11880	193697	11883	193694	11876	7	193690	4	1.000	0.999	1.000	1
DHC8	75	73	65	73	0	2	0.890	1.000	0.867	84895	12190	72705	12102	72793	12033	69	72636	157	0.987	0.994	0.989	1
DHC9A	74	75	71	74	1	0	0.947	0.987	0.959	306568	12186	294382	12057	294511	12036	21	294361	150	0.988	0.998	0.993	1
DHC9B	83	85	77	82	3	1	0.906	0.965	0.928	373531	13791	359740	13557	359974	13423	134	359606	368	0.973	0.990	0.981	1
DHC11	43	43	40	43	0	0	0.930	1.000	0.930	85205	14337	70868	14349	70856	14337	12	70856	0	1.000	0.999	0.999	1
Others	**90**	**93**	**79**	**88**	**5**	**1**	**0.849**	**0.946**	**0.878**	**108735**	**14186**	**94549**	**14100**	**94635**	**14067**	**33**	**94516**	**119**	**0.992**	**0.998**	**0.994**	**7**
NedKinesinJ_fl	4	3	2	3	0	0	0.667	1.000	0.500	6820	2273	4547	2226	4594	2223	3	4544	50	0.978	0.999	0.983	1

PhsP62_fl	3	3	2	3	0	0	0.667	1.000	0.667	5645	1506	4139	1509	4136	1506	3	4136	0	1.000	0.998	0.999	1
HsP50_fl	14	16	13	14	2	0	0.813	0.875	0.929	20372	1218	19154	1206	19166	1203	3	19151	15	0.988	0.998	0.992	1
PugCor_fl	9	10	7	8	2	1	0.700	0.800	0.778	6606	1617	4989	1611	4995	1603	8	4981	14	0.991	0.995	0.991	1
MmP150_fl	31	32	30	31	1	0	0.938	0.969	0.968	23936	3843	20093	3831	20105	3828	3	20090	15	0.996	0.999	0.997	1
HsMyo19_fl	24	24	23	24	0	0	0.958	1.000	0.958	40271	2910	37361	2913	37358	2910	3	37358	0	1.000	0.999	0.999	1
ThCAP1_fl	5	5	2	5	0	0	0.400	1.000	0.400	5085	819	4266	804	4281	794	10	4256	25	0.969	0.988	0.974	1

Wise2

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1229**	**1202**	**1121**	**1199**	**3**	**16**	**0.933**	**0.998**	**0.912**	**3910464**	**209483**	**3700981**	**211260**	**3699204**	**208864**	**2396**	**3698585**	**619**	**0.997**	**0.989**	**0.992**	**39**
DHC1	78	77	74	77	0	0	0.961	1.000	0.949	66248	13683	52565	13728	52520	13682	46	52519	1	1.000	0.997	0.998	2
DHC2	91	88	86	88	0	3	0.977	1.000	0.945	417085	12702	404383	12891	404194	12702	189	404194	0	1.000	0.985	0.992	2
DHC3A	92	92	89	92	0	0	0.967	1.000	0.967	362204	14070	348134	14100	348104	14070	30	348104	0	1.000	0.998	0.999	1
DHC3B	79	78	75	78	0	0	0.962	1.000	0.949	302827	13745	289082	13845	288982	13743	102	288980	2	1.000	0.993	0.996	2
DHC4A	84	82	74	82	0	1	0.902	1.000	0.881	365115	13523	351592	13551	351564	13509	42	351550	14	0.999	0.997	0.998	2
DHC4B	85	79	72	79	0	2	0.911	1.000	0.847	119251	13284	105967	13425	105826	13221	204	105763	63	0.995	0.985	0.989	7
DHC4C	74	68	61	68	0	3	0.897	1.000	0.824	490267	13014	477253	13254	477013	13008	246	477007	6	1.000	0.981	0.990	5
DHC5	79	79	73	79	0	0	0.924	1.000	0.924	144290	13752	130538	13797	130493	13739	58	130480	13	0.999	0.996	0.997	1
DHC6	85	86	80	84	2	1	0.930	0.977	0.941	138640	13371	125269	13293	125347	13067	226	125043	304	0.977	0.983	0.978	2
DHC7A	65	64	61	64	0	0	0.953	1.000	0.938	257605	12058	245547	12057	245548	12048	9	245538	10	0.999	0.999	0.999	2
DHC7B	62	60	57	60	0	2	0.950	1.000	0.919	191156	11897	179259	12132	179024	11883	249	179010	14	0.999	0.979	0.988	3
DHC7C	73	73	73	73	0	0	1.000	1.000	1.000	205577	11880	193697	11880	193697	11880	0	193697	0	1.000	1.000	1.000	1
DHC8	79	73	60	73	0	3	0.822	1.000	0.759	84895	12190	72705	12774	72121	12168	606	72099	22	0.998	0.953	0.971	6
DHC9A	75	75	69	75	0	0	0.920	1.000	0.920	306568	12186	294382	12405	294163	12176	229	294153	10	0.999	0.982	0.990	1
DHC9B	85	85	76	84	1	1	0.894	0.988	0.894	373531	13791	359740	13782	359749	13631	151	359589	160	0.988	0.989	0.988	1
DHC11	43	43	41	43	0	0	0.953	1.000	0.953	85205	14337	70868	14346	70859	14337	9	70859	0	1.000	0.999	1.000	1
Others	**87**	**93**	**75**	**86**	**7**	**0**	**0.806**	**0.925**	**0.862**	**108735**	**14186**	**94549**	**14142**	**94593**	**14078**	**64**	**94485**	**108**	**0.992**	**0.995**	**0.993**	**8**
NedKinesinJ_fl	4	3	2	3	0	0	0.667	1.000	0.500	6820	2273	4547	2271	4549	2271	0	4547	2	0.999	1.000	0.999	2
PhsP62_fl	3	3	1	3	0	0	0.333	1.000	0.333	5645	1506	4139	1488	4157	1488	0	4139	18	0.988	1.000	0.992	1
HsP50_fl	14	16	14	14	2	0	0.875	0.875	1.000	20372	1218	19154	1203	19169	1203	0	19154	15	0.988	1.000	0.993	1
PugCor_fl	8	10	5	8	2	0	0.500	0.800	0.625	6606	1617	4989	1605	5001	1596	9	4980	21	0.987	0.994	0.988	1
MmP150_fl	31	32	29	31	1	0	0.906	0.969	0.935	23936	3843	20093	3843	20093	3822	21	20072	21	0.995	0.995	0.993	1
HsMyo19_fl	23	24	21	23	1	0	0.875	0.958	0.913	40271	2910	37361	2913	37358	2898	15	37346	12	0.996	0.995	0.995	1
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	5085	819	4266	819	4266	800	19	4247	19	0.977	0.977	0.972	1

Wise2 (global)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1233**	**1202**	**1119**	**1200**	**2**	**19**	**0.931**	**0.998**	**0.908**	**3910464**	**209483**	**3700981**	**211938**	**3698526**	**209095**	**2843**	**3698138**	**388**	**0.998**	**0.987**	**0.992**	**39**
DHC1	80	77	73	77	0	2	0.948	1.000	0.913	66248	13683	52565	13968	52280	13681	287	52278	2	1.000	0.979	0.987	2
DHC2	91	88	86	88	0	3	0.977	1.000	0.945	417085	12702	404383	12891	404194	12702	189	404194	0	1.000	0.985	0.992	2
DHC3A	92	92	89	92	0	0	0.967	1.000	0.967	362204	14070	348134	14103	348101	14070	33	348101	0	1.000	0.998	0.999	1
DHC3B	79	78	75	78	0	0	0.962	1.000	0.949	302827	13745	289082	13845	288982	13743	102	288980	2	1.000	0.993	0.996	2
DHC4A	84	82	74	82	0	1	0.902	1.000	0.881	365115	13523	351592	13551	351564	13509	42	351550	14	0.999	0.997	0.998	2
DHC4B	85	79	72	79	0	2	0.911	1.000	0.847	119251	13284	105967	13425	105826	13221	204	105763	63	0.995	0.985	0.989	7
DHC4C	74	68	61	68	0	3	0.897	1.000	0.824	490267	13014	477253	13398	476869	13008	390	476863	6	1.000	0.971	0.985	5
DHC5	79	79	73	79	0	0	0.924	1.000	0.924	144290	13752	130538	13797	130493	13739	58	130480	13	0.999	0.996	0.997	1
DHC6	87	86	80	85	1	2	0.930	0.988	0.920	138640	13371	125269	13533	125107	13302	231	125038	69	0.995	0.983	0.988	2
DHC7A	65	64	61	64	0	0	0.953	1.000	0.938	257605	12058	245547	12063	245542	12048	15	245532	10	0.999	0.999	0.999	2
DHC7B	62	60	57	60	0	2	0.950	1.000	0.919	191156	11897	179259	12159	178997	11883	276	178983	14	0.999	0.977	0.987	3
DHC7C	73	73	73	73	0	0	1.000	1.000	1.000	205577	11880	193697	11880	193697	11880	0	193697	0	1.000	1.000	1.000	1
DHC8	79	73	60	73	0	3	0.822	1.000	0.759	84895	12190	72705	12774	72121	12168	606	72099	22	0.998	0.953	0.971	6
DHC9A	75	75	69	75	0	0	0.920	1.000	0.920	306568	12186	294382	12405	294163	12176	229	294153	10	0.999	0.982	0.990	1
DHC9B	85	85	75	84	1	1	0.882	0.988	0.882	373531	13791	359740	13800	359731	13628	172	359568	163	0.988	0.988	0.987	1
DHC11	43	43	41	43	0	0	0.953	1.000	0.953	85205	14337	70868	14346	70859	14337	9	70859	0	1.000	0.999	1.000	1
Others	**87**	**93**	**76**	**86**	**7**	**0**	**0.817**	**0.925**	**0.874**	**108735**	**14186**	**94549**	**14163**	**94572**	**14093**	**70**	**94479**	**93**	**0.993**	**0.995**	**0.993**	**8**
NedKinesinJ_fl	4	3	2	3	0	0	0.667	1.000	0.500	6820	2273	4547	2271	4549	2271	0	4547	2	0.999	1.000	0.999	2
PhsP62_fl	3	3	2	3	0	0	0.667	1.000	0.667	5645	1506	4139	1503	4142	1503	0	4139	3	0.998	1.000	0.999	1
HsP50_fl	14	16	14	14	2	0	0.875	0.875	1.000	20372	1218	19154	1203	19169	1203	0	19154	15	0.988	1.000	0.993	1
PugCor_fl	8	10	5	8	2	0	0.500	0.800	0.625	6606	1617	4989	1608	4998	1596	12	4977	21	0.987	0.993	0.986	1
MmP150_fl	31	32	29	31	1	0	0.906	0.969	0.935	23936	3843	20093	3843	20093	3822	21	20072	21	0.995	0.995	0.993	1

HsMyo19_fl	23	24	21	23	1	0	0.875	0.958	0.913	40271	2910	37361	2916	37355	2898	18	37343	12	0.996	0.994	0.994	1
ThCAP1_fl	4	5	3	4	1	0	0.600	0.800	0.750	5085	819	4266	819	4266	800	19	4247	19	0.977	0.977	0.972	1

Augustus

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1247**	**1202**	**960**	**1063**	**139**	**183**	**0.799**	**0.884**	**0.770**	**3910464**	**209482**	**3700982**	**234433**	**3676031**	**187038**	**47395**	**3653587**	**22444**	**0.893**	**0.798**	**0.836**	**84**
DHC1	76	77	72	75	2	1	0.935	0.974	0.947	66248	13682	52566	13530	52718	13370	160	52406	312	0.977	0.988	0.978	1
DHC2	96	88	75	79	9	17	0.852	0.898	0.781	417085	12702	404383	16272	400813	11601	4671	399712	1101	0.913	0.713	0.806	9
DHC3A	87	92	76	79	13	8	0.826	0.859	0.874	362204	14070	348134	13494	348710	12340	1154	346980	1730	0.877	0.914	0.892	2
DHC3B	89	78	71	75	3	14	0.910	0.962	0.798	302827	13745	289082	16140	286687	13232	2908	286174	513	0.963	0.820	0.885	4
DHC4A	77	82	67	70	12	7	0.817	0.854	0.870	365115	13523	351592	12666	352449	11487	1179	350413	2036	0.849	0.907	0.874	2
DHC4B	75	79	69	74	5	1	0.873	0.937	0.920	119251	13284	105967	12981	106270	12659	322	105645	625	0.953	0.975	0.960	1
DHC4C	89	68	55	61	7	28	0.809	0.897	0.618	490267	13014	477253	21749	468518	11900	9849	467404	1114	0.914	0.547	0.719	11
DHC5	86	79	63	74	5	12	0.797	0.937	0.733	144290	13752	130538	16188	128102	12929	3259	127279	823	0.940	0.799	0.854	7
DHC6	97	86	69	80	6	17	0.802	0.930	0.711	138640	13371	125269	17343	121297	12286	5057	120212	1085	0.919	0.708	0.789	11
DHC7A	66	64	47	52	12	13	0.734	0.813	0.712	257605	12058	245547	14550	243055	10322	4228	241319	1736	0.856	0.709	0.771	6
DHC7B	66	60	52	58	2	8	0.867	0.967	0.788	191156	11897	179259	13959	177197	11529	2430	176829	368	0.969	0.826	0.890	5
DHC7C	68	73	51	55	18	13	0.699	0.753	0.750	205577	11880	193697	12237	193340	9351	2886	190811	2529	0.787	0.764	0.762	3
DHC8	72	73	56	70	3	2	0.767	0.959	0.778	84895	12190	72705	11604	73291	11287	317	72388	903	0.926	0.973	0.941	3
DHC9A	80	75	56	64	11	16	0.747	0.853	0.700	306568	12186	294382	14156	292412	9809	4347	290035	2377	0.805	0.693	0.737	9
DHC9B	79	85	51	58	27	21	0.600	0.682	0.646	373531	13791	359740	13098	360433	9521	3577	356163	4270	0.690	0.727	0.698	7
DHC11	44	43	30	39	4	5	0.698	0.907	0.682	85205	14337	70868	14466	70739	13415	1051	69817	922	0.936	0.927	0.918	3
Others	**91**	**93**	**55**	**71**	**22**	**21**	**0.591**	**0.763**	**0.604**	**108735**	**14186**	**94549**	**17858**	**90877**	**12538**	**5320**	**89229**	**1648**	**0.884**	**0.702**	**0.756**	**13**
NedKinesinJ_fl	5	3	1	3	0	1	0.333	1.000	0.200	6820	2273	4547	2853	3967	2193	660	3887	80	0.965	0.769	0.784	2
PhsP62_fl	15	3	0	3	0	13	0.000	1.000	0.000	5645	1506	4139	3845	1800	1506	2339	1800	0	1.000	0.392	0.413	4
HsP50_fl	12	16	11	12	4	0	0.688	0.750	0.917	20372	1218	19154	1098	19274	1095	3	19151	123	0.899	0.997	0.945	1
PugCor_fl	4	10	0	4	6	1	0.000	0.400	0.000	6606	1617	4989	1344	5262	1172	172	4817	445	0.725	0.872	0.739	1
MmP150_fl	25	32	23	25	7	0	0.719	0.781	0.920	23936	3843	20093	3366	20570	3363	3	20090	480	0.875	0.999	0.925	1
HsMyo19_fl	23	24	20	22	2	1	0.833	0.917	0.870	40271	2910	37361	2730	37541	2604	126	37235	306	0.895	0.954	0.919	1
ThCAP1_fl	7	5	0	2	3	5	0.000	0.400	0.000	5085	819	4266	2622	2463	605	2017	2249	214	0.739	0.231	0.205	3

Augustus (1 gene)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1182**	**1202**	**984**	**1070**	**132**	**111**	**0.819**	**0.890**	**0.832**	**3910464**	**209482**	**3700982**	**212364**	**3698100**	**188384**	**23980**	**3677002**	**21098**	**0.899**	**0.887**	**0.887**	**16**
DHC1	76	77	72	75	2	1	0.935	0.974	0.947	66248	13682	52566	13530	52718	13370	160	52406	312	0.977	0.988	0.978	1
DHC2	85	88	77	80	8	5	0.875	0.909	0.906	417085	12702	404383	13635	403450	11711	1924	402459	991	0.922	0.859	0.887	1
DHC3A	87	92	76	79	13	8	0.826	0.859	0.874	362204	14070	348134	13569	348635	12340	1229	346905	1730	0.877	0.909	0.889	1
DHC3B	88	78	71	75	3	13	0.910	0.962	0.807	302827	13745	289082	15408	287419	13324	2084	286998	421	0.969	0.865	0.913	1
DHC4A	76	82	67	70	12	6	0.817	0.854	0.882	365115	13523	351592	12303	352812	11487	816	350776	2036	0.849	0.934	0.888	1
DHC4B	75	79	69	74	5	1	0.873	0.937	0.920	119251	13284	105967	12981	106270	12659	322	105645	625	0.953	0.975	0.960	1
DHC4C	77	68	57	62	6	15	0.838	0.912	0.740	490267	13014	477253	17637	472630	12049	5588	471665	965	0.926	0.683	0.798	1
DHC5	82	79	66	74	5	8	0.835	0.937	0.805	144290	13752	130538	14832	129458	12972	1860	128678	780	0.943	0.875	0.899	1
DHC6	87	86	73	80	6	7	0.849	0.930	0.839	138640	13371	125269	13647	124993	12301	1346	123923	1070	0.920	0.901	0.901	1
DHC7A	60	64	46	49	15	10	0.719	0.766	0.767	257605	12058	245547	13401	244204	9768	3633	241914	2290	0.810	0.729	0.757	1
DHC7B	61	60	55	58	2	3	0.917	0.967	0.902	191156	11897	179259	11892	179264	11609	283	178976	288	0.976	0.976	0.974	1
DHC7C	67	73	53	57	16	10	0.726	0.781	0.791	205577	11880	193697	11511	194066	9655	1856	191841	2225	0.813	0.839	0.815	1
DHC8	72	73	56	69	4	3	0.767	0.945	0.778	84895	12190	72705	11628	73267	11149	479	72226	1041	0.915	0.959	0.926	1
DHC9A	72	75	60	68	7	4	0.800	0.907	0.833	306568	12186	294382	10953	295615	10350	603	293779	1836	0.849	0.945	0.893	1
DHC9B	76	85	56	61	24	15	0.659	0.718	0.737	373531	13791	359740	11697	361834	10225	1472	358268	3566	0.741	0.874	0.801	1
DHC11	41	43	30	39	4	2	0.698	0.907	0.732	85205	14337	70868	13740	71465	13415	325	70543	922	0.936	0.976	0.947	1
Others	**85**	**93**	**57**	**72**	**21**	**14**	**0.613**	**0.774**	**0.671**	**108735**	**14186**	**94549**	**17034**	**91701**	**12648**	**4386**	**90163**	**1538**	**0.892**	**0.743**	**0.785**	**7**
NedKinesinJ_fl	4	3	1	3	0	0	0.333	1.000	0.250	6820	2273	4547	2568	4252	2193	375	4172	80	0.965	0.854	0.859	1
PhsP62_fl	9	3	0	3	0	7	0.000	1.000	0.000	5645	1506	4139	3207	2438	1479	1728	2411	27	0.982	0.461	0.507	1
HsP50_fl	12	16	11	12	4	0	0.688	0.750	0.917	20372	1218	19154	1098	19274	1095	3	19151	123	0.899	0.997	0.945	1
PugCor_fl	4	10	0	4	6	1	0.000	0.400	0.000	6606	1617	4989	1344	5262	1172	172	4817	445	0.725	0.872	0.739	1
MmP150_fl	25	32	23	25	7	0	0.719	0.781	0.920	23936	3843	20093	3366	20570	3363	3	20090	480	0.875	0.999	0.925	1
HsMyo19_fl	23	24	20	22	2	1	0.833	0.917	0.870	40271	2910	37361	2730	37541	2604	126	37235	306	0.895	0.954	0.919	1
ThCAP1_fl	8	5	2	3	2	5	0.400	0.600	0.250	5085	819	4266	2721	2364	742	1979	2287	77	0.906	0.273	0.341	1

Fgenesh

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1433**	**1202**	**964**	**1091**	**111**	**342**	**0.802**	**0.908**	**0.673**	**3910464**	**209482**	**3700982**	**308610**	**3601854**	**192258**	**116352**	**3584630**	**17224**	**0.918**	**0.623**	**0.752**	**161**
DHC1	82	77	72	77	0	5	0.935	1.000	0.878	66248	13682	52566	14253	51995	13682	571	51995	0	1.000	0.960	0.975	1
DHC2	116	88	67	70	18	46	0.761	0.795	0.578	417085	12702	404383	29583	387502	10701	18882	385501	2001	0.842	0.362	0.576	25
DHC3A	116	92	74	77	15	39	0.804	0.837	0.638	362204	14070	348134	22224	339980	11940	10284	337850	2130	0.849	0.537	0.675	12
DHC3B	106	78	62	72	6	34	0.795	0.923	0.585	302827	13745	289082	24501	278326	12881	11620	277462	864	0.937	0.526	0.710	20
DHC4A	105	82	70	76	6	29	0.854	0.927	0.667	365115	13523	351592	18363	346752	12604	5759	345833	919	0.932	0.686	0.800	11
DHC4B	80	79	67	79	0	2	0.848	1.000	0.838	119251	13284	105967	13302	105949	12984	318	105649	300	0.977	0.976	0.974	2
DHC4C	119	68	55	66	2	53	0.809	0.971	0.462	490267	13014	477253	31712	458555	12583	19129	458124	431	0.967	0.397	0.661	24
DHC5	80	79	66	72	7	8	0.835	0.911	0.825	144290	13752	130538	15050	129240	12833	2217	128321	919	0.933	0.853	0.881	2
DHC6	85	86	74	82	4	3	0.860	0.953	0.871	138640	13371	125269	14175	124465	12608	1567	123702	763	0.943	0.889	0.907	3
DHC7A	79	64	49	54	10	24	0.766	0.844	0.620	257605	12058	245547	18645	238960	10325	8320	237227	1733	0.856	0.554	0.684	8
DHC7B	75	60	50	59	1	16	0.833	0.983	0.667	191156	11897	179259	16782	174374	11404	5378	173881	493	0.959	0.680	0.803	6
DHC7C	83	73	61	67	6	16	0.836	0.918	0.735	205577	11880	193697	19539	186038	11271	8268	185429	609	0.949	0.577	0.740	12
DHC8	77	73	55	72	1	5	0.753	0.986	0.714	84895	12190	72705	12273	72622	11505	768	71937	685	0.944	0.937	0.931	2
DHC9A	87	75	57	66	9	21	0.760	0.880	0.655	306568	12186	294382	21536	285032	10990	10546	283836	1196	0.902	0.510	0.686	14
DHC9B	99	85	53	61	24	38	0.624	0.718	0.535	373531	13791	359740	22602	350929	10095	12507	347233	3696	0.732	0.447	0.567	18
DHC11	44	43	32	41	2	3	0.744	0.953	0.727	85205	14337	70868	14070	71135	13852	218	70650	485	0.966	0.985	0.970	1
Others	**103**	**93**	**66**	**78**	**15**	**25**	**0.710**	**0.839**	**0.641**	**108735**	**14186**	**94549**	**18227**	**90508**	**13549**	**4678**	**89871**	**637**	**0.955**	**0.743**	**0.821**	**10**
NedKinesinJ_fl	4	3	1	3	0	1	0.333	1.000	0.250	6820	2273	4547	3054	3766	2223	831	3716	50	0.978	0.728	0.755	2
PhsP62_fl	13	3	2	3	0	10	0.667	1.000	0.154	5645	1506	4139	2598	3047	1506	1092	3047	0	1.000	0.580	0.658	2
HsP50_fl	15	16	13	14	2	1	0.813	0.875	0.867	20372	1218	19154	1239	19133	1202	37	19117	16	0.987	0.970	0.977	1
PugCor_fl	11	10	5	7	3	4	0.500	0.700	0.455	6606	1617	4989	1881	4725	1513	368	4621	104	0.936	0.804	0.822	2
MmP150_fl	26	32	25	26	6	0	0.781	0.813	0.962	23936	3843	20093	3657	20279	3654	3	20090	189	0.951	0.999	0.970	1
HsMyo19_fl	24	24	18	22	2	2	0.750	0.917	0.750	40271	2910	37361	3024	37247	2725	299	37062	185	0.936	0.901	0.912	1
ThCAP1_fl	10	5	2	3	2	7	0.400	0.600	0.200	5085	819	4266	2774	2311	726	2048	2218	93	0.886	0.262	0.314	1

Genscan

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1583**	**1202**	**917**	**1064**	**138**	**520**	**0.763**	**0.885**	**0.579**	**3910464**	**209482**	**3700982**	**342235**	**3568229**	**189362**	**152873**	**3548109**	**20120**	**0.904**	**0.553**	**0.705**	**194**
DHC1	77	77	71	77	0	1	0.922	1.000	0.922	66248	13682	52566	14076	52172	13682	394	52172	0	1.000	0.972	0.982	1
DHC2	131	88	62	64	24	67	0.705	0.727	0.473	417085	12702	404383	32403	384682	9987	22416	381967	2715	0.786	0.308	0.516	30
DHC3A	133	92	68	76	16	57	0.739	0.826	0.511	362204	14070	348134	24259	337945	11961	12298	335836	2109	0.850	0.493	0.651	14
DHC3B	114	78	61	75	3	39	0.782	0.962	0.535	302827	13745	289082	28092	274735	13107	14985	274097	638	0.954	0.467	0.683	23
DHC4A	121	82	67	74	8	47	0.817	0.902	0.554	365115	13523	351592	21102	344013	12208	8894	342698	1315	0.903	0.579	0.726	11
DHC4B	82	79	65	78	1	5	0.823	0.987	0.793	119251	13284	105967	13806	105445	12893	913	105054	391	0.971	0.934	0.946	2
DHC4C	152	68	43	60	8	92	0.632	0.882	0.283	490267	13014	477253	37662	452605	11760	25902	451351	1254	0.904	0.312	0.579	26
DHC5	87	79	71	75	4	12	0.899	0.949	0.816	144290	13752	130538	16431	127859	13268	3163	127375	484	0.965	0.807	0.872	2
DHC6	102	86	78	86	0	16	0.907	1.000	0.765	138640	13371	125269	20214	118426	13255	6959	118310	116	0.991	0.656	0.795	7
DHC7A	86	64	50	54	10	31	0.781	0.844	0.581	257605	12058	245547	19986	237619	10602	9384	236163	1456	0.879	0.530	0.683	8
DHC7B	75	60	51	60	0	15	0.850	1.000	0.680	191156	11897	179259	17766	173390	11879	5887	173372	18	0.998	0.669	0.817	6
DHC7C	89	73	58	64	9	25	0.795	0.877	0.652	205577	11880	193697	19521	186056	10729	8792	184905	1151	0.903	0.550	0.701	13
DHC8	83	73	56	73	0	10	0.767	1.000	0.675	84895	12190	72705	13347	71548	11749	1598	71107	441	0.964	0.880	0.908	2
DHC9A	100	75	45	59	16	41	0.600	0.787	0.450	306568	12186	294382	24768	281800	9819	14949	279433	2367	0.806	0.396	0.572	22
DHC9B	110	85	37	49	36	61	0.435	0.576	0.336	373531	13791	359740	24504	349027	8339	16165	343575	5452	0.605	0.340	0.442	26
DHC11	41	43	34	40	3	1	0.791	0.930	0.829	85205	14337	70868	14298	70907	14124	174	70694	213	0.985	0.988	0.984	1
Others	**104**	**93**	**61**	**78**	**15**	**29**	**0.656**	**0.839**	**0.587**	**108735**	**14186**	**94549**	**20473**	**88262**	**13497**	**6976**	**87573**	**689**	**0.951**	**0.659**	**0.765**	**11**
NedKinesinJ_fl	3	3	0	3	0	1	0.000	1.000	0.000	6820	2273	4547	3436	3384	2201	1235	3312	72	0.968	0.641	0.658	3
PhsP62_fl	16	3	1	3	0	14	0.333	1.000	0.063	5645	1506	4139	3828	1817	1479	2349	1790	27	0.982	0.386	0.393	2
HsP50_fl	15	16	11	13	3	2	0.688	0.813	0.733	20372	1218	19154	1548	18824	1163	385	18769	55	0.955	0.751	0.842	1
PugCor_fl	5	10	1	5	5	1	0.100	0.500	0.200	6606	1617	4989	1767	4839	1375	392	4597	242	0.850	0.778	0.750	1
MmP150_fl	32	32	26	29	3	3	0.813	0.906	0.813	23936	3843	20093	4020	19916	3725	295	19798	118	0.969	0.927	0.938	1
HsMyo19_fl	25	24	20	22	2	3	0.833	0.917	0.800	40271	2910	37361	3279	36992	2828	451	36910	82	0.972	0.862	0.910	2
ThCAP1_fl	8	5	2	3	2	5	0.400	0.600	0.250	5085	819	4266	2595	2490	726	1869	2397	93	0.886	0.280	0.345	1

Blat

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1231**	**1202**	**239**	**1186**	**16**	**19**	**0.199**	**0.987**	**0.194**	**3910464**	**209483**	**3700981**	**205554**	**3704910**	**203208**	**2346**	**3698635**	**6275**	**0.970**	**0.989**	**0.978**	**-**
DHC1	79	77	21	77	0	1	0.273	1.000	0.266	66248	13683	52565	13713	52535	13605	108	52457	78	0.994	0.992	0.991	-

DHC2	90	88	18	88	0	2	0.205	1.000	0.200	417085	12702	404383	12708	404377	12571	137	404246	131	0.990	0.989	0.989	-
DHC3A	95	92	23	92	0	1	0.250	1.000	0.242	362204	14070	348134	13821	348383	13706	115	348019	364	0.974	0.992	0.982	-
DHC3B	79	78	12	78	0	0	0.154	1.000	0.152	302827	13745	289082	13605	289222	13512	93	288989	233	0.983	0.993	0.988	-
DHC4A	86	82	30	82	0	3	0.366	1.000	0.349	365115	13523	351592	13566	351549	13405	161	351431	118	0.991	0.988	0.989	-
DHC4B	80	79	18	79	0	1	0.228	1.000	0.225	119251	13284	105967	13113	106138	12985	128	105839	299	0.977	0.990	0.982	-
DHC4C	72	68	6	68	0	2	0.088	1.000	0.083	490267	13014	477253	12912	477355	12758	154	477099	256	0.980	0.988	0.984	-
DHC5	81	79	14	78	1	2	0.177	0.987	0.173	144290	13752	130538	13638	130652	13439	199	130339	313	0.977	0.985	0.979	-
DHC6	85	86	12	84	2	1	0.140	0.977	0.141	138640	13371	125269	13272	125368	12959	313	124956	412	0.969	0.976	0.970	-
DHC7A	67	64	21	63	1	1	0.328	0.984	0.313	257605	12058	245547	12114	245491	11882	232	245315	176	0.985	0.981	0.982	-
DHC7B	60	60	6	59	1	0	0.100	0.983	0.100	191156	11897	179259	11712	179444	11644	68	179191	253	0.979	0.994	0.986	-
DHC7C	72	73	17	72	1	0	0.233	0.986	0.236	205577	11880	193697	11754	193823	11676	78	193619	204	0.983	0.993	0.987	-
DHC8	76	73	15	73	0	1	0.205	1.000	0.197	84895	12190	72705	11952	72943	11817	135	72570	373	0.969	0.989	0.976	-
DHC9A	74	75	14	74	1	0	0.187	0.987	0.189	306568	12186	294382	11703	294865	11604	99	294283	582	0.952	0.992	0.971	-
DHC9B	85	85	9	79	6	2	0.106	0.929	0.106	373531	13791	359740	12417	361114	12214	203	359537	1577	0.886	0.984	0.932	-
DHC11	50	43	3	40	3	2	0.070	0.930	0.060	85205	14337	70868	13554	71651	13431	123	70745	906	0.937	0.991	0.957	-
Others	**86**	**93**	**21**	**82**	**11**	**0**	**0.226**	**0.882**	**0.244**	**108735**	**14186**	**94549**	**13917**	**94818**	**13810**	**107**	**94442**	**376**	**0.973**	**0.992**	**0.980**	**-**
NedKinesinJ_fl	6	3	1	3	0	0	0.333	1.000	0.167	6820	2273	4547	2238	4582	2235	3	4544	38	0.983	0.999	0.986	-
PhsP62_fl	4	3	0	3	0	0	0.000	1.000	0.000	5645	1506	4139	1428	4217	1419	9	4130	87	0.942	0.994	0.957	-
HsP50_fl	13	16	3	13	3	0	0.188	0.813	0.231	20372	1218	19154	1167	19205	1158	9	19145	60	0.951	0.992	0.970	-
PugCor_fl	8	10	2	8	2	0	0.200	0.800	0.250	6606	1617	4989	1602	5004	1597	5	4984	20	0.988	0.997	0.990	-
MmP150_fl	28	32	8	28	4	0	0.250	0.875	0.286	23936	3843	20093	3759	20177	3729	30	20063	114	0.970	0.992	0.978	-
HsMyo19_fl	23	24	6	23	1	0	0.250	0.958	0.261	40271	2910	37361	2904	37367	2874	30	37331	36	0.988	0.990	0.988	-
ThCAP1_fl	4	5	1	4	1	0	0.200	0.800	0.250	5085	819	4266	819	4266	798	21	4245	21	0.974	0.974	0.969	-

Blat (tilesize 6)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1349**	**1202**	**236**	**1196**	**6**	**105**	**0.196**	**0.995**	**0.175**	**3910464**	**209483**	**3700981**	**209223**	**3701241**	**204724**	**4499**	**3696482**	**4759**	**0.977**	**0.978**	**0.977**	**-**
DHC1	80	77	21	77	0	2	0.273	1.000	0.263	66248	13683	52565	13725	52523	13605	120	52445	78	0.994	0.991	0.991	-
DHC2	102	88	16	88	0	13	0.182	1.000	0.157	417085	12702	404383	13008	404077	12567	441	403942	135	0.989	0.966	0.977	-
DHC3A	99	92	23	92	0	5	0.250	1.000	0.232	362204	14070	348134	14004	348200	13802	202	347932	268	0.981	0.986	0.983	-
DHC3B	84	78	12	78	0	4	0.154	1.000	0.143	302827	13745	289082	13722	289105	13545	177	288905	200	0.985	0.987	0.986	-
DHC4A	96	82	28	82	0	9	0.341	1.000	0.292	365115	13523	351592	13722	351393	13405	317	351275	118	0.991	0.977	0.983	-
DHC4B	83	79	19	79	0	2	0.241	1.000	0.229	119251	13284	105967	13164	106087	13006	158	105809	278	0.979	0.988	0.981	-
DHC4C	90	68	6	68	0	19	0.088	1.000	0.067	490267	13014	477253	13422	476845	12787	635	476618	227	0.983	0.953	0.967	-
DHC5	83	79	14	79	0	3	0.177	1.000	0.169	144290	13752	130538	13704	130586	13469	235	130303	283	0.979	0.983	0.979	-
DHC6	86	86	12	85	1	1	0.140	0.988	0.140	138640	13371	125269	13311	125329	13003	308	124961	368	0.972	0.977	0.972	-
DHC7A	78	64	22	64	0	12	0.344	1.000	0.282	257605	12058	245547	12450	245155	11978	472	245075	80	0.993	0.962	0.977	-
DHC7B	64	60	6	60	0	3	0.100	1.000	0.094	191156	11897	179259	11844	179312	11709	135	179124	188	0.984	0.989	0.985	-
DHC7C	77	73	17	73	0	4	0.233	1.000	0.221	205577	11880	193697	11958	193619	11760	198	193499	120	0.990	0.983	0.986	-
DHC8	81	73	14	73	0	5	0.192	1.000	0.173	84895	12190	72705	12027	72868	11817	210	72495	373	0.969	0.983	0.972	-
DHC9A	78	75	14	75	0	2	0.187	1.000	0.179	306568	12186	294382	11925	294643	11786	139	294243	400	0.967	0.988	0.977	-
DHC9B	108	85	8	81	4	15	0.094	0.953	0.074	373531	13791	359740	13353	360178	12782	571	359169	1009	0.927	0.957	0.940	-
DHC11	60	43	4	42	1	6	0.093	0.977	0.067	85205	14337	70868	13884	71321	13703	181	70687	634	0.956	0.987	0.966	-
Others	**78**	**87**	**22**	**78**	**9**	**0**	**0.253**	**0.897**	**0.282**	**96270**	**10407**	**85863**	**10320**	**85950**	**10225**	**95**	**85768**	**182**	**0.983**	**0.991**	**0.985**	**5**
HsP50_fl	14	16	4	14	2	0	0.250	0.875	0.286	20372	1218	19154	1203	19169	1194	9	19145	24	0.980	0.993	0.986	1
PugCor_fl	8	10	2	8	2	0	0.200	0.800	0.250	6606	1617	4989	1602	5004	1597	5	4984	20	0.988	0.997	0.990	1
MmP150_fl	29	32	9	29	3	0	0.281	0.906	0.310	23936	3843	20093	3792	20144	3762	30	20063	81	0.979	0.992	0.983	1
HsMyo19_fl	23	24	6	23	1	0	0.250	0.958	0.261	40271	2910	37361	2904	37367	2874	30	37331	36	0.988	0.990	0.988	1
ThCAP1_fl	4	5	1	4	1	0	0.200	0.800	0.250	5085	819	4266	819	4266	798	21	4245	21	0.974	0.974	0.969	1

Blat (tilesize 5)

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**3292**	**1202**	**239**	**1199**	**3**	**1846**	**0.199**	**0.998**	**0.073**	**3910464**	**209486**	**3700978**	**242926**	**3667538**	**205432**	**37494**	**3663484**	**4054**	**0.981**	**0.846**	**0.908**	**-**
DHC1	89	77	21	77	0	10	0.273	1.000	0.236	66248	13686	52562	13886	52362	13607	279	52283	79	0.994	0.980	0.984	-
DHC2	341	88	17	88	0	233	0.193	1.000	0.050	417085	12702	404383	17099	399986	12567	4532	399851	135	0.989	0.735	0.856	-
DHC3A	272	92	21	92	0	169	0.228	1.000	0.077	362204	14070	348134	17160	345044	13790	3370	344764	280	0.980	0.804	0.887	-
DHC3B	249	78	12	78	0	156	0.154	1.000	0.048	302827	13745	289082	16690	286137	13577	3113	285969	168	0.988	0.813	0.895	-
DHC4A	264	82	31	82	0	172	0.378	1.000	0.117	365115	13523	351592	16708	348407	13405	3303	348289	118	0.991	0.802	0.892	-
DHC4B	111	79	19	79	0	21	0.241	1.000	0.171	119251	13284	105967	13662	105589	13078	584	105383	206	0.984	0.957	0.967	-
DHC4C	357	68	6	68	0	277	0.088	1.000	0.017	490267	13014	477253	18084	472183	12803	5281	471972	211	0.984	0.708	0.840	-

DHC5	133	79	15	79	0	49	0.190	1.000	0.113	144290	13752	130538	14685	129605	13475	1210	129328	277	0.980	0.918	0.943	-
DHC6	132	86	12	85	1	43	0.140	0.988	0.091	138640	13371	125269	14153	124487	12999	1154	124115	372	0.972	0.918	0.939	-
DHC7A	158	64	21	64	0	83	0.328	1.000	0.133	257605	12058	245547	13837	243768	11960	1877	243670	98	0.992	0.864	0.924	-
DHC7B	134	60	6	60	0	66	0.100	1.000	0.045	191156	11897	179259	13173	177983	11741	1432	177827	156	0.987	0.891	0.935	-
DHC7C	127	73	17	73	0	49	0.233	1.000	0.134	205577	11880	193697	12754	192823	11763	991	192706	117	0.990	0.922	0.953	-
DHC8	145	73	15	73	0	56	0.205	1.000	0.103	84895	12190	72705	13183	71712	11945	1238	71467	245	0.980	0.906	0.933	-
DHC9A	231	75	15	75	0	142	0.200	1.000	0.065	306568	12186	294382	14620	291948	11895	2725	291657	291	0.976	0.814	0.890	-
DHC9B	326	85	7	84	1	220	0.082	0.988	0.021	373531	13791	359740	17453	356078	12956	4497	355243	835	0.939	0.742	0.833	-
DHC11	223	43	4	42	1	100	0.093	0.977	0.018	85205	14337	70868	15779	69426	13871	1908	68960	466	0.967	0.879	0.906	-
Others	**77**	**87**	**21**	**77**	**10**	**0**	**0.241**	**0.885**	**0.273**	**96270**	**10407**	**85863**	**10299**	**85971**	**10204**	**95**	**85768**	**203**	**0.980**	**0.991**	**0.984**	**5**
HsP50_fl	14	16	4	14	2	0	0.250	0.875	0.286	20372	1218	19154	1203	19169	1194	9	19145	24	0.980	0.993	0.986	1
PugCor_fl	8	10	2	8	2	0	0.200	0.800	0.250	6606	1617	4989	1602	5004	1597	5	4984	20	0.988	0.997	0.990	1
MmP150_fl	28	32	8	28	4	0	0.250	0.875	0.286	23936	3843	20093	3771	20165	3741	30	20063	102	0.973	0.992	0.979	1
HsMyo19_fl	23	24	6	23	1	0	0.250	0.958	0.261	40271	2910	37361	2904	37367	2874	30	37331	36	0.988	0.990	0.988	1
ThCAP1_fl	4	5	1	4	1	0	0.200	0.800	0.250	5085	819	4266	819	4266	798	21	4245	21	0.974	0.974	0.969	1

Blast

	Exon PE	Exon AE	Exon TE	Exon OE	Exon ME	Exon WE	Exon Sn	Exon Sno	Exon Sp	Nucl Total	Nucl AP	Nucl AN	Nucl PP	Nucl PN	Nucl TP	Nucl FP	Nucl TN	Nucl FN	Nucl Sn	Nucl Sp	Nucl AC	Genes
DHC all	**1201**	**1202**	**48**	**1189**	**13**	**30**	**0.040**	**0.989**	**0.040**	**3910464**	**209483**	**3700981**	**230601**	**3679863**	**205228**	**25373**	**3675608**	**4255**	**0.980**	**0.890**	**0.931**	**-**
DHC1	67	77	0	76	1	0	0.000	0.987	0.000	66248	13683	52565	16167	50081	13545	2622	49943	138	0.990	0.838	0.888	-
DHC2	86	88	6	87	1	1	0.068	0.989	0.070	417085	12702	404383	13566	403519	12499	1067	403316	203	0.984	0.921	0.951	-
DHC3A	91	92	4	92	0	1	0.043	1.000	0.044	362204	14070	348134	15480	346724	13766	1714	346420	304	0.978	0.889	0.931	-
DHC3B	84	78	2	78	0	5	0.026	1.000	0.024	302827	13745	289082	15536	287291	13565	1971	287111	180	0.987	0.873	0.926	-
DHC4A	82	82	6	81	1	2	0.073	0.988	0.073	365115	13523	351592	14718	350397	13201	1517	350075	322	0.976	0.897	0.934	-
DHC4B	81	79	2	78	1	2	0.025	0.987	0.025	119251	13284	105967	14161	105090	12944	1217	104750	340	0.974	0.914	0.937	-
DHC4C	71	68	1	68	0	1	0.015	1.000	0.014	490267	13014	477253	13959	476308	12675	1284	475969	339	0.974	0.908	0.939	-
DHC5	77	79	2	77	2	0	0.025	0.975	0.026	144290	13752	130538	14829	129461	13477	1352	129186	275	0.980	0.909	0.938	-
DHC6	82	86	3	85	1	3	0.035	0.988	0.037	138640	13371	125269	15312	123328	13004	2308	122961	367	0.973	0.849	0.900	-
DHC7A	69	64	7	64	0	2	0.109	1.000	0.101	257605	12058	245547	13351	244254	11950	1401	244146	108	0.991	0.895	0.940	-
DHC7B	62	60	2	60	0	2	0.033	1.000	0.032	191156	11897	179259	13149	178007	11744	1405	177854	153	0.987	0.893	0.936	-
DHC7C	72	73	4	72	1	0	0.055	0.986	0.056	205577	11880	193697	12567	193010	11676	891	192806	204	0.983	0.929	0.953	-
DHC8	76	73	2	73	0	3	0.027	1.000	0.026	84895	12190	72705	14132	70763	12048	2084	70621	142	0.988	0.853	0.905	-
DHC9A	77	75	5	75	0	3	0.067	1.000	0.065	306568	12186	294382	13920	292648	12087	1833	292549	99	0.992	0.868	0.927	-
DHC9B	85	85	2	82	3	3	0.024	0.965	0.024	373531	13791	359740	14583	358948	13258	1325	358415	533	0.961	0.909	0.933	-
DHC11	39	43	0	41	2	2	0.000	0.953	0.000	85205	14337	70868	15171	70034	13789	1382	69486	548	0.962	0.909	0.922	-
Others	**86**	**93**	**5**	**83**	**10**	**11**	**0.054**	**0.892**	**0.058**	**108735**	**14186**	**94549**	**16534**	**92201**	**13613**	**2921**	**91628**	**573**	**0.960**	**0.823**	**0.873**	**-**
NedKinesinJ_fl	4	3	0	3	0	0	0.000	1.000	0.000	6820	2273	4547	2331	4489	2271	60	4487	2	0.999	0.974	0.980	-
PhsP62_fl	6	3	0	3	0	4	0.000	1.000	0.000	5645	1506	4139	1896	3749	1488	408	3731	18	0.988	0.785	0.835	-
HsP50_fl	14	16	2	14	2	0	0.125	0.875	0.143	20372	1218	19154	1212	19160	1088	124	19030	130	0.893	0.898	0.889	-
PugCor_fl	6	10	0	8	2	2	0.000	0.800	0.000	6606	1617	4989	2049	4557	1600	449	4540	17	0.989	0.781	0.838	-
MmP150_fl	26	32	2	27	5	1	0.063	0.844	0.077	23936	3843	20093	4215	19721	3468	747	19346	375	0.902	0.823	0.835	-
HsMyo19_fl	28	24	1	23	1	4	0.042	0.958	0.036	40271	2910	37361	3808	36463	2880	928	36433	30	0.990	0.756	0.860	-
ThCAP1_fl	2	5	0	5	0	0	0.000	1.000	0.000	5085	819	4266	1023	4062	818	205	4061	1	0.999	0.800	0.875	-