

Table S2

Differentially expressed genes in the orally infected honeybees (DESeq, P adj < 0.05 and edgeR, FDR <0.05)

Contrast 1				
High SBV+DWV and high DWV vs. control				
Gene Label	logFC	logCPM	FDR	Flybase ortholog
GB49888	4.782291949	4.920483398	0.000839692	FBgn0000473
GB41806	2.448766608	7.067372554	0.036597941	FBgn0038088
GB50550	2.368293243	7.695759508	0.047735983	0
GB48148	3.178511546	7.011996701	0.048993407	FBgn0034140

Contrast 2				
High SBV+DWV vs. high DWV and control				
Gene Label	logFC	logCPM	FDR	Flybase ortholog
GB47618	10.170755	6.023045369	6.72846E-36	FBgn0010385
GB50423	9.917126921	9.276559483	3.08696E-56	FBgn0052055
GB42310	9.851545633	2.883747954	1.23532E-11	FBgn0045827
GB48823	9.764361824	8.088295566	9.56317E-51	FBgn0004778
GB50363	9.53997851	2.584894239	4.29986E-09	FBgn0038642
GB41428	9.20267233	8.297256453	5.1447E-42	FBgn0010385
GB47520	8.994094874	3.841783073	6.81639E-18	FBgn0045827
GB41637	8.722966732	6.714678486	1.17332E-48	FBgn0030905
GB40298	8.683571285	1.674812148	3.37206E-05	FBgn0035132
GB51126	8.590695782	1.398736265	2.08567E-05	FBgn0036009
GB54001	8.590695782	1.437538685	3.05373E-05	FBgn0036481
GB45912	8.431672479	10.27712242	2.82631E-56	FBgn0011296
GB51306	8.321492291	5.949462992	1.34923E-40	0
GB43112	8.240072812	8.892681415	3.32565E-49	FBgn0028573
GB43007	8.10503905	2.927099397	5.16208E-10	FBgn0030592
GB55435	7.947090212	4.82018636	1.37977E-27	FBgn0020626
GB47475	7.93608286	10.07591896	6.86763E-54	FBgn0011296
GB48146	7.902433092	6.014683365	8.66977E-26	FBgn0038071
GB51223	7.893658758	10.69912764	2.20263E-46	FBgn00114002
GB53798	7.88464312	8.97154533	9.53055E-34	FBgn0032132
GB41097	7.724340028	3.227935183	7.43375E-14	FBgn0051954
GB50121	7.391396136	8.723347799	2.20263E-46	FBgn0029167
GB54238	7.308477775	6.164990774	7.06203E-35	FBgn0053547
GB42623	7.266808393	1.822002775	1.12266E-06	FBgn0026427
GB45954	7.237958149	5.995057293	5.57364E-25	FBgn0053196
GB51583	7.187887728	3.648612078	3.31747E-16	FBgn0036117
GB42626	7.162694515	7.93485195	2.11238E-41	FBgn0005613
GB45910	6.975388925	11.49345499	1.67095E-46	FBgn0011296
GB48833	6.909072753	7.557638029	1.83854E-25	FBgn0004778
GB49890	6.829178349	7.06275395	8.49894E-24	FBgn0033302
GB48134	6.795703039	9.585711333	1.53101E-26	FBgn0001258
GB55515	6.739522986	7.981396027	1.16606E-27	FBgn0036262
GB49219	6.704990947	3.72959709	7.74114E-16	FBgn0031905
GB50477	6.691507392	8.378788984	1.20345E-35	FBgn0263774
GB45909	6.661537327	10.66079939	6.90655E-44	FBgn0011296
GB51174	6.551602858	9.242495221	5.86269E-39	FBgn0033661
GB49385	6.5145164	1.83927412	1.03023E-06	FBgn0051201
GB47318	6.474279228	8.614413862	2.12513E-17	FBgn0032835
GB54908	6.436678096	1.971687895	1.53892E-05	FBgn0263705
GB45906	6.366562377	10.39646993	5.25977E-39	FBgn0011296
GB46223	6.249636624	3.49555269	3.50319E-12	FBgn0034470

GB42797	6.201146741	7.622719751	9.41433E-37	FBgn0037288
GB54881	6.196789672	5.409476204	2.20484E-25	FBgn0036829
GB42540	6.123355772	7.215007867	1.28399E-36	FBgn0037329
GB43924	6.083756246	9.482472247	6.11734E-36	FBgn0263072
GB41709	6.015464	7.776472657	1.24084E-32	FBgn0030691
GB41361	5.944732329	1.846207159	1.87225E-05	FBgn0036575
GB51419	5.917372649	5.890624885	4.56684E-26	FBgn0035439
GB45907	5.804299902	9.02004699	1.40679E-34	FBgn0011296
GB40137	5.774948624	5.383954053	8.49894E-24	FBgn0038595
GB44871	5.677074883	6.55615111	2.01646E-33	FBgn0038074
GB55203	5.662836105	5.852273453	5.47113E-28	FBgn0034856
GB54139	5.644931574	4.836767889	2.97583E-21	FBgn0000299
GB42621	5.631536926	9.318730577	1.15029E-30	FBgn0016075
GB41636	5.615778672	5.485473795	1.8297E-30	FBgn0013733
GB51200	5.58305334	1.502228608	7.24634E-05	FBgn0005658
GB41284	5.524559683	6.353795394	3.21163E-29	FBgn0050197
GB40227	5.485685121	3.556384482	1.91266E-13	FBgn0036316
GB49888	5.470604474	4.754204531	6.00427E-17	FBgn0000473
GB52100	5.443112965	11.06553446	4.33231E-28	FBgn0000299
GB42425	5.438445859	1.984160937	1.87141E-06	FBgn0039640
GB53860	5.416753202	8.653838562	2.03827E-26	FBgn0026575
GB41708	5.387940233	8.394160271	3.509E-28	FBgn0036597
GB41722	5.359018878	9.485742499	7.02727E-22	FBgn0033246
GB45713	5.331054057	3.139890371	1.2776E-10	FBgn0031975
GB41222	5.331054057	3.103855461	5.80359E-11	FBgn0035132
GB47546	5.322187589	4.246557067	2.49851E-15	0
GB42554	5.315828519	4.735046798	6.44542E-21	FBgn0036191
GB44633	5.309607691	2.374758102	8.22023E-08	0
GB48148	5.272996012	6.950545684	4.20548E-25	FBgn0034140
GB43027	5.134496115	3.116353181	4.40988E-09	0
GB49886	5.120366188	6.335781354	6.69832E-25	FBgn0033302
GB40288	5.096753134	4.101619891	6.68364E-11	FBgn0033302
GB55029	5.043051345	5.015171509	1.77237E-20	FBgn0031176
GB45708	5.014993323	3.414357887	1.5615E-10	FBgn0031975
GB42099	5.012639651	2.890808596	3.26696E-09	FBgn0027600
GB50880	4.97231926	3.539218914	6.08391E-11	FBgn0263968
GB43739	4.958182667	3.107138378	1.30308E-09	FBgn0035779
GB47127	4.805141038	3.454368611	1.78758E-10	FBgn0261832
GB44168	4.790425819	4.385518954	2.18311E-15	FBgn0000490
GB49442	4.783442833	2.716259579	2.88056E-07	FBgn0036237
GB52428	4.77382648	5.876290038	5.48242E-28	FBgn0037126
GB50481	4.701168499	3.437593359	3.14406E-09	FBgn0023479
GB44996	4.691371024	9.759459676	2.83094E-19	FBgn0002564
GB48820	4.681074062	10.27767152	9.67969E-23	FBgn0028985
GB52919	4.652304323	7.26697432	8.76756E-23	FBgn0036617
GB43713	4.609163142	6.19299976	7.8597E-27	FBgn0038037
GB42514	4.598304636	3.440523895	4.0663E-10	FBgn0037297
GB51218	4.590144875	4.889556171	4.62137E-18	0
GB52525	4.57176458	2.005737992	1.89416E-05	FBgn0032248
GB41706	4.564904075	4.422508374	6.55161E-14	FBgn0028533
GB49552	4.554831469	5.511767822	1.57232E-15	FBgn0035501
GB52598	4.551840161	9.161733943	6.96559E-25	FBgn0032213
GB47270	4.529763918	3.202008898	6.55764E-08	FBgn0015032
GB48391	4.525923025	3.086413862	1.4715E-06	FBgn0038135
GB42985	4.490660274	5.994748913	2.5774E-15	0
GB40708	4.47479715	8.46955382	2.33336E-23	FBgn0029507

GB54404	4.456233188	5.853795011	5.31933E-25	FBgn0051522
GB50124	4.451843597	3.115013684	2.49292E-07	0
GB47563	4.43920437	2.153727506	9.5133E-06	FBgn0035575
GB49993	4.423690504	7.151554427	4.30199E-17	FBgn0035787
GB51467	4.392680345	1.598346366	0.0002703	FBgn0034140
GB43208	4.353013558	8.532927606	8.60896E-23	FBgn0036985
GB54289	4.322586371	5.883161528	1.19679E-22	FBgn0085407
GB40148	4.315825695	4.536959532	7.18595E-11	FBgn0032810
GB42900	4.31460024	10.48182674	9.86718E-19	FBgn0261564
GB50609	4.299543038	11.13250063	4.46098E-21	FBgn0001219
GB45714	4.295096004	1.98962032	3.11926E-05	FBgn0031975
GB49825	4.293411941	1.58636751	0.001437484	FBgn0024150
GB45911	4.277710134	5.403373554	6.94648E-21	FBgn0011296
GB45913	4.238007373	11.60389423	1.94215E-22	FBgn0011296
GB56028	4.227448218	6.726762606	4.2535E-22	FBgn0036665
GB55208	4.2172577	1.966405313	0.000104648	FBgn0041712
GB52721	4.203959748	5.138952685	1.94414E-15	FBgn0002576
GB47771	4.186805063	1.4361291	0.001292755	FBgn0034745
GB49441	4.181722366	7.696658693	2.45299E-20	FBgn0003450
GB50608	4.177410797	4.638526795	7.87016E-12	FBgn0033495
GB47805	4.172485983	4.916074207	3.42664E-14	FBgn0043575
GB46587	4.156120361	8.461552804	5.67019E-18	FBgn0053998
GB55204	4.153173329	4.706978229	3.43988E-11	FBgn0039896
GB44146	4.144290488	3.997160795	9.98384E-11	FBgn0034709
GB42146	4.143776571	7.554664208	1.04197E-13	FBgn0085446
GB49848	4.134979045	1.925101533	0.00052156	FBgn0038095
GB44552	4.08291145	2.713818114	0.000969678	FBgn0005633
GB41283	4.076489707	6.455600261	1.03639E-19	FBgn0003137
GB48079	4.075277377	3.029746129	1.56536E-05	FBgn0051954
GB46230	4.074295982	2.477719565	0.000894622	FBgn0034470
GB54219	4.060353219	9.450692119	4.19452E-19	FBgn0086708
GB42410	4.052773313	5.182989959	1.13046E-12	FBgn0034638
GB49440	4.052303053	5.937498762	2.8717E-22	FBgn0039630
GB46142	4.04818933	4.547024756	1.60657E-11	FBgn0026144
GB48969	4.048154797	4.182839201	8.91184E-08	FBgn0025592
GB50526	4.042056495	5.721377747	7.8263E-21	FBgn0038652
GB55205	4.041432879	5.945069028	5.89925E-19	FBgn0039896
GB47248	3.972307954	5.374068287	4.59841E-18	FBgn0031146
GB50116	3.971997848	4.069842944	8.79961E-07	FBgn0036495
GB52348	3.934042576	3.694784956	6.0767E-09	FBgn0003162
GB41642	3.900223873	5.515701119	5.53609E-18	0
GB50005	3.885125181	8.242995382	7.33676E-16	FBgn0063923
GB42244	3.87760767	7.9334127	1.73656E-19	FBgn0043903
GB45797	3.870783836	3.904473887	2.08052E-07	FBgn0039896
GB42135	3.865503137	4.349674256	9.12916E-12	FBgn0038201
GB42053	3.863856438	4.597538307	2.05952E-11	FBgn0031381
GB55452	3.848427065	8.985308451	1.2062E-11	FBgn0052626
GB46286	3.846648648	3.634693032	6.00324E-08	FBgn0032144
GB54231	3.821795535	3.367967977	8.75755E-07	FBgn0024352
GB41418	3.811644944	4.667921915	7.74781E-12	FBgn0002526
GB55451	3.800268975	9.547457444	1.07262E-14	FBgn0002526
GB52318	3.764868534	3.201800934	1.87864E-05	FBgn0031907
GB48020	3.763125238	3.556038981	7.03927E-06	FBgn0034294
GB49544	3.761545146	2.203978122	0.00017126	FBgn0051150
GB48903	3.759454142	4.481071795	4.93549E-12	FBgn0038139
GB47580	3.753340666	5.253876826	2.23514E-15	FBgn0032817

GB55068	3.710589069	3.616612597	1.28813E-07	FBgn0085351
GB55211	3.6614321	3.387139155	1.22015E-05	FBgn0032601
GB45796	3.6614321	3.34411938	2.6497E-06	FBgn0004034
GB40021	3.651577951	10.92732312	5.34045E-17	FBgn0036124
GB46774	3.645756011	9.304639432	5.90595E-15	FBgn0031322
GB53028	3.622783286	6.307606413	6.48192E-19	FBgn0032116
GB47381	3.615821627	1.810363988	0.000743159	FBgn0053817
GB54732	3.582623332	5.054497313	8.19435E-13	FBgn0030309
GB45955	3.558645202	9.282098341	2.7896E-16	FBgn0260746
GB40136	3.547358687	3.353781563	3.83514E-06	FBgn0038595
GB51383	3.479958282	2.619720611	0.000315426	FBgn0033302
GB44203	3.473817449	3.38273504	2.16862E-05	FBgn0037465
GB43716	3.465565706	5.308057825	7.99251E-14	FBgn0038037
GB44503	3.438312692	3.729974251	5.21423E-07	FBgn0085201
GB46640	3.429629864	3.954126163	1.52942E-07	FBgn0033628
GB54942	3.427617748	4.938248802	2.19301E-11	FBgn0051720
GB54941	3.418836615	5.952880729	1.46404E-16	FBgn0051720
GB50883	3.412791801	5.672687142	3.27828E-13	FBgn0032638
GB55212	3.402314018	4.583690771	5.92347E-07	FBgn0039896
GB44995	3.384738019	2.677806985	3.40356E-05	FBgn0051008
GB43362	3.365493394	5.84155463	9.08987E-15	FBgn0030421
GB55890	3.359974425	1.928917258	0.002782661	FBgn0034275
GB46013	3.357693875	6.430152481	2.82509E-16	FBgn0032010
GB42434	3.351597754	2.938403273	0.000655624	FBgn0034580
GB44634	3.326655868	5.214218178	4.56429E-13	FBgn0243512
GB53978	3.316742099	5.454582553	1.10761E-10	FBgn0023479
GB40573	3.315897469	2.913984084	6.76919E-05	FBgn0261834
GB50761	3.308444299	3.920689255	7.22434E-07	FBgn0038485
GB43711	3.298834832	2.081957316	0.003050198	FBgn0038037
GB43728	3.292408016	5.900124046	1.53839E-16	FBgn0038037
GB48905	3.283060103	7.751561085	9.25247E-12	FBgn0010226
GB44043	3.281043651	3.43061253	3.00729E-05	FBgn0028841
GB54983	3.2705082	3.144147035	4.41113E-05	FBgn0035537
GB49887	3.26728581	3.316842995	1.10361E-05	FBgn0033304
GB47505	3.265340609	2.88807366	0.00013742	FBgn0053870
GB49672	3.250389048	4.343644032	4.08618E-09	FBgn0038842
GB54233	3.23554729	4.693895699	3.22763E-09	FBgn0030964
GB50550	3.230861847	7.671943929	6.50322E-10	0
GB52360	3.22841053	7.62444488	1.91624E-12	FBgn0034886
GB52631	3.223649093	5.631205363	3.86263E-12	FBgn0003495
GB45696	3.196782716	6.691876971	6.49189E-13	FBgn0000567
GB52920	3.184190176	4.292621035	6.80255E-08	FBgn0036618
GB42829	3.179125407	8.404264717	5.12224E-13	FBgn0034405
GB45157	3.166537226	5.060101343	2.68837E-11	FBgn0013753
GB47407	3.156560924	3.068049287	2.5735E-05	FBgn0013981
GB42217	3.135604878	3.279168864	1.63597E-05	FBgn0039755
GB48687	3.131979843	6.351160333	1.46574E-14	FBgn0243514
GB40287	3.120434473	2.97459632	0.000183772	FBgn0033302
GB48129	3.118702903	1.891102847	0.004845844	FBgn0029880
GB41202	3.111647733	5.430286693	7.66648E-12	FBgn0027600
GB47142	3.080261435	8.838866639	2.72716E-12	FBgn0030608
GB49154	3.041473786	4.969100136	2.55513E-09	FBgn0040491
GB50906	3.041420324	5.720374349	7.07967E-11	FBgn0032421
GB41623	3.00669171	3.442303117	0.000333541	FBgn0035430
GB40967	2.985745163	5.43215594	1.60103E-09	FBgn0005626
GB47940	2.974195044	8.953548048	6.06087E-12	FBgn0034096

GB50290	2.936958601	6.446802267	1.57017E-13	FBgn0033033
GB46438	2.925049009	5.67508812	2.19301E-11	FBgn0027594
GB45495	2.917008714	10.18043918	1.61318E-09	FBgn0001233
GB54097	2.894879856	8.020188106	1.25752E-10	FBgn0011672
GB44004	2.870169532	4.932291827	9.9111E-09	FBgn0034490
GB55889	2.869928777	6.059073273	6.19553E-13	FBgn0035049
GB44744	2.857066175	3.749269055	4.96442E-05	FBgn0036101
GB47939	2.856806118	4.991338673	7.03264E-09	FBgn0040296
GB45701	2.851827767	6.032038602	2.06696E-12	FBgn0027930
GB53318	2.850988765	4.603661267	2.05528E-07	FBgn0001291
GB49147	2.843415515	3.131188159	0.000988885	FBgn0026565
GB48505	2.835204063	9.933678992	2.46924E-10	FBgn0026415
GB52829	2.824059616	10.88200321	3.99869E-10	FBgn0026415
GB51650	2.817625306	4.531553085	1.076E-07	FBgn0034392
GB52642	2.80952298	6.715202391	1.82742E-10	FBgn0030251
GB42981	2.80617376	7.416934196	1.07006E-10	FBgn0040323
GB51671	2.803269154	6.270001872	4.57929E-12	FBgn0030869
GB53865	2.79304581	6.306108981	3.7489E-12	FBgn0013984
GB50156	2.783530239	5.274694612	1.00977E-09	FBgn0039225
GB53353	2.773480895	2.984395661	0.000611533	FBgn0013984
GB42433	2.770112383	4.568963085	3.11941E-07	FBgn0261797
GB41806	2.75343728	7.045997663	9.56754E-06	FBgn0038088
GB54315	2.751728706	3.270979629	0.003393493	FBgn0034426
GB53209	2.737382423	3.084312619	0.001239318	FBgn0261565
GB55030	2.735025376	8.950551586	7.68046E-10	FBgn0046706
GB48194	2.719192491	4.568835643	5.72603E-07	FBgn0039755
GB48271	2.715282471	2.255212077	0.003508414	FBgn0000210
GB55590	2.703653974	8.369812174	2.48687E-09	FBgn0025814
GB45248	2.683962215	7.425041698	6.74725E-10	FBgn0032180
GB54946	2.661195975	3.363438116	0.000325178	FBgn0040299
GB53143	2.650947545	6.431812267	2.88881E-11	FBgn0016122
GB41301	2.650123472	9.436894087	6.2303E-09	FBgn0000083
GB47279	2.629644876	3.98792693	5.0286E-05	FBgn0033696
GB48841	2.627570078	4.350610065	1.03217E-05	FBgn0038819
GB43783	2.61574732	4.677734154	5.44646E-06	FBgn0032924
GB55301	2.590598321	7.770589241	4.2672E-09	FBgn0028926
GB54541	2.589426975	6.682011189	1.89127E-09	FBgn0031973
GB49885	2.583715996	7.07468414	1.13179E-06	FBgn0033304
GB40141	2.577328318	8.168262926	2.01417E-08	FBgn0038738
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GB42581	-10.44689763	4.782268213	1.18467E-10	FBgn0035873
GB46417	-10.50404493	4.65421034	1.87871E-06	FBgn0037662
GB50887	-10.51905168	4.803666443	1.97437E-10	FBgn0029961
GB50577	-10.59991805	4.807480617	1.01135E-07	FBgn0037427
GB47927	-10.72906377	4.933531409	1.36655E-09	0

Contrast 3				
High DWV alone vs. control				
Gene Label	logFC	logCPM	FDR	Flybase ortholog
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GB47822	1.923396465	5.627661861	0.009870622	FBgn0034726
GB52690	1.887696469	5.184948937	0.018431057	FBgn0033100
GB54882	1.876488975	4.943596619	0.031832385	FBgn0030611
GB40653	1.862193524	10.34275892	0.019369986	FBgn0032518
GB48780	1.860627521	5.52461989	0.009870622	FBgn0052022
GB45554	1.854606	5.40760147	0.018527416	FBgn0000173
GB50601	1.843917143	8.533089762	0.019369986	FBgn0038224
GB46222	1.841750325	9.680706742	0.046834472	FBgn0034470
GB48338	1.822932651	5.024331604	0.037028055	FBgn0030480
GB41806	1.814293129	5.553014369	0.029882617	FBgn0038088

GB41161	1.773367682	4.977949489	0.046834472	FBgn0086447
GB46785	1.768406753	5.787025573	0.010106983	FBgn0037378
GB54555	1.765057288	6.651431725	0.009870622	FBgn0039868
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GB40862	1.7621768	6.040998751	0.009870622	FBgn0033085
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GB42083	1.383044647	6.445788271	0.037028055	0
GB54655	1.381334371	6.142168525	0.035806998	FBgn0037567
GB51484	1.379677733	6.107263048	0.045383402	FBgn0002736
GB55932	1.378719361	6.48501583	0.041998413	FBgn0053002
GB46793	1.376213337	6.275557306	0.032179221	FBgn0050185
GB41905	1.372741162	5.968107229	0.043332436	FBgn0262467

GB47724	1.36805845	6.047424563	0.045951864	FBgn0260407
GB42667	1.364540378	5.828414014	0.037528353	FBgn0260861
GB53037	1.363534198	6.029731022	0.043332436	FBgn0038662
GB55427	1.361166132	6.173908765	0.034981623	FBgn0035088
GB43537	1.354848358	6.776005476	0.045383402	FBgn0033907
GB47176	1.352703637	6.146445214	0.046834472	FBgn0033480
GB51746	1.351781011	6.088175587	0.034981623	0
GB48874	1.351357489	6.424125035	0.044710336	FBgn0038166
GB55062	1.35077453	6.025409542	0.043460422	FBgn0039835
GB53270	1.350732444	6.416879887	0.03810028	FBgn0028919
GB49522	1.350039258	5.945363807	0.043460422	FBgn0024196
GB46896	1.349582871	6.165729838	0.04557923	FBgn0010531
GB48064	1.345947364	6.594566604	0.044390068	FBgn0026261
GB44434	1.345234765	5.737856665	0.0444491	FBgn0039690
GB47591	1.342417764	5.640343209	0.047322004	FBgn0034242
GB45549	1.342204914	6.199747293	0.03810028	FBgn0010438
GB54677	1.341957696	6.507958767	0.037528353	FBgn0034232
GB48707	1.339664259	6.327295635	0.034898287	FBgn0024222
GB51224	1.33730523	5.908131654	0.044710336	FBgn0027359
GB50130	1.333992602	6.086857766	0.043013384	FBgn0037489
GB52800	1.328336317	6.192352034	0.038394324	FBgn0023521
GB40686	1.328260817	5.714713399	0.047435062	FBgn0032033
GB44188	1.323678386	5.761468565	0.045997142	FBgn0031979
GB44891	1.323415277	6.702912224	0.046834472	FBgn0039212
GB53418	1.32190045	5.892947436	0.04972344	FBgn0031836
GB48424	1.321599187	5.846690234	0.048904665	FBgn0033195
GB46602	1.317442353	6.257973144	0.041784913	FBgn0261788
GB55944	1.31724419	5.910604131	0.048901681	FBgn0038323
GB41490	1.315327947	6.133338729	0.044710336	FBgn0036812
GB40955	1.313794825	6.214378383	0.043332436	FBgn0046114
GB44925	1.308658446	6.002521942	0.047795993	FBgn0028688
GB44417	1.308477022	6.255411926	0.046754923	FBgn0038808
GB48414	1.305272235	6.407324086	0.044390068	FBgn0260859
GB51081	1.300260904	6.169468969	0.037971201	FBgn0036922
GB45739	1.297477016	6.218352811	0.046834472	FBgn0037709
GB45256	1.292699083	6.256663193	0.046834472	FBgn0033813
GB40349	1.283959215	6.405720167	0.046834472	FBgn0025336
GB54855	1.275544483	6.218304699	0.046834472	FBgn0032726
GB53192	1.268402911	6.200135236	0.046834472	FBgn0002526
GB54469	1.267968719	6.347556381	0.04557923	FBgn0035980
GB42039	1.259923291	6.369064173	0.047435062	FBgn0038235
GB54237	-1.552550515	5.667619847	0.047258032	FBgn0025640
GB55388	-1.826040799	7.243835441	0.038394324	FBgn0033763

Contrast 4				
High SBV+DWV vs. control				
Gene Label	logFC	logCPM	FDR	Flybase ortholog
GB48823	9.975963839	8.417408128	9.30709E-39	FBgn0004778
GB47618	9.827890531	6.362719241	2.35958E-28	FBgn0010385
GB50423	9.687174813	9.60167835	6.10994E-42	FBgn0052055
GB42310	9.533793853	3.365841499	3.88731E-08	FBgn0045827
GB43007	9.451446179	3.374417338	7.98401E-07	FBgn0030592
GB41428	9.328092198	8.624252521	1.27755E-31	FBgn0010385
GB50363	9.222319575	3.080676699	3.86486E-06	FBgn0038642

GB47520	8.655274915	4.253049259	3.50255E-13	FBgn0045827
GB41637	8.520853159	7.052127165	1.0992E-37	FBgn0030905
GB45912	8.469586208	10.59916742	6.10994E-42	FBgn0011296
GB51583	8.459516563	4.023620558	4.93732E-12	FBgn0036117
GB40298	8.366299716	2.211387043	0.001799407	FBgn0035132
GB51126	8.27348174	1.995096509	0.001197429	FBgn0036009
GB54001	8.27348174	2.016415861	0.001521608	FBgn0036481
GB43112	8.143481253	9.218087316	1.22271E-36	FBgn0028573
GB51223	8.05719313	11.01821985	5.59009E-37	FBgn0014002
GB48146	7.993392793	6.353596168	7.27656E-21	FBgn0038071
GB51306	7.974619547	6.286502708	9.95087E-33	0
GB47475	7.96831875	10.39741105	1.12207E-40	FBgn0011296
GB45584	7.952718772	1.611578215	0.005303794	FBgn0036481
GB55435	7.893551009	5.166972688	5.03355E-22	FBgn0020626
GB53798	7.81835809	9.295255704	9.27916E-24	FBgn0032132
GB44824	7.690848552	1.282696226	0.011936386	FBgn0036278
GB48149	7.539621061	1.14186126	0.025394515	FBgn0028579
GB41097	7.381732963	3.683106039	7.13235E-10	FBgn0051954
GB50121	7.245072656	9.048188585	4.01567E-35	FBgn0029167
GB54238	7.11720077	6.496912999	1.24643E-29	FBgn0053547
GB45954	7.065846041	6.334972115	9.02035E-20	FBgn0053196
GB42626	7.042181319	8.262359378	5.89229E-32	FBgn0005613
GB45910	6.95915614	11.81098282	1.75528E-34	FBgn0011296
GB42623	6.928497292	2.385927831	0.00016434	FBgn0026427
GB41361	6.850699395	2.308999492	0.000314394	FBgn0036575
GB55515	6.684262045	8.305748408	3.46768E-20	FBgn0036262
GB48833	6.683182146	7.884694975	3.34349E-19	FBgn0004778
GB45909	6.669953266	10.97736109	5.32259E-33	FBgn0011296
GB48134	6.640245978	9.90610792	2.78677E-19	FBgn0001258
GB50477	6.605059242	8.702711817	2.68747E-26	FBgn0263774
GB49219	6.601796479	4.135748581	2.03612E-11	FBgn0031905
GB49890	6.577252438	7.392343432	3.36435E-18	FBgn0033302
GB45906	6.458869763	10.70981552	9.97873E-31	FBgn0011296
GB51174	6.419326178	9.563229124	1.5538E-29	FBgn0033661
GB49888	6.384027752	4.969066396	2.47567E-22	FBgn0000473
GB46223	6.354099549	3.898467873	2.19951E-09	FBgn0034470
GB49385	6.172323183	2.395391404	0.000131975	FBgn0051201
GB54881	6.164393495	5.747745532	1.18394E-21	FBgn0036829
GB47318	6.142526381	8.933951971	4.62317E-18	FBgn0032835
GB54908	6.094525286	2.463523717	0.001031614	FBgn0263705
GB43924	6.084312345	9.797848933	6.83455E-27	FBgn0263072
GB42797	6.06963865	7.948741933	7.37787E-29	FBgn0037288
GB51196	6.005809075	1.455012827	0.017288065	FBgn0028847
GB42540	5.971309992	7.542585215	9.6575E-30	FBgn0037329
GB51419	5.967494676	6.219174285	7.96955E-23	FBgn0035439
GB41709	5.950683941	8.099583571	4.1927E-25	FBgn0030691
GB40137	5.939271002	5.704320675	1.53118E-22	FBgn0038595
GB45907	5.84626461	9.333251005	6.83455E-27	FBgn0011296
GB42425	5.752558188	2.457173301	4.81244E-05	FBgn0039640
GB41284	5.627548769	6.670613729	2.68747E-26	FBgn0050197
GB42621	5.563237542	9.632901977	7.96955E-23	FBgn0016075
GB52705	5.511505186	1.679432892	0.004911705	FBgn0085512
GB51833	5.494225217	0.646694889	0.044002455	FBgn0029762
GB41636	5.493197387	5.785091883	4.29544E-29	FBgn0013733
GB44871	5.488186037	6.88067849	1.47702E-28	FBgn0038074
GB41708	5.444500833	8.704285942	4.40495E-22	FBgn0036597

GB55203	5.436293714	6.175917193	1.11037E-24	FBgn0034856
GB47546	5.423008969	4.601256498	1.6752E-13	0
GB52100	5.4036091	11.37408553	8.24234E-21	FBgn0000299
GB54139	5.352604118	5.163817006	2.1002E-18	FBgn0000299
GB41222	5.260971249	3.537554868	4.12275E-08	FBgn0035132
GB40227	5.249862308	3.959180069	2.32124E-10	FBgn0036316
GB53860	5.244356987	8.970756912	7.4758E-21	FBgn0026575
GB51200	5.239484073	2.030418926	0.002704488	FBgn0005658
GB43739	5.223543827	3.488392039	4.11693E-08	FBgn0035779
GB55029	5.19400533	5.310218076	9.27766E-21	FBgn0031176
GB50880	5.192202908	3.891159108	2.75365E-10	FBgn0263968
GB43027	5.185119517	3.53256746	4.94789E-07	0
GB44633	5.171349194	2.868746884	4.05874E-05	0
GB41722	5.163085651	9.801415936	3.08826E-17	FBgn0033246
GB45713	5.115874509	3.57554981	6.95305E-08	FBgn0031975
GB43775	5.098407475	1.13412521	0.013508927	FBgn0052683
GB42554	5.062613642	5.053685002	1.53422E-18	FBgn0036191
GB40288	5.032085155	4.470607992	3.04766E-08	FBgn0033302
GB49886	5.02148742	6.659986126	9.3425E-21	FBgn0033302
GB48148	4.982300872	7.260592941	1.73232E-24	FBgn0034140
GB53930	4.929451391	0.958310946	0.025816214	FBgn0030003
GB42099	4.918199343	3.337071906	3.1647E-07	FBgn0027600
GB41717	4.892922198	1.498034732	0.004881958	FBgn0036871
GB49825	4.872403514	1.918927485	0.001134963	FBgn0024150
GB48820	4.867237402	10.56197049	9.52545E-21	FBgn0028985
GB50481	4.85457148	3.797548036	3.04454E-08	FBgn0023479
GB49442	4.834169478	3.143004307	1.19463E-05	FBgn0036237
GB52428	4.817533139	6.15890429	1.12512E-28	FBgn0037126
GB50116	4.816326234	4.185880851	8.22273E-11	FBgn0036495
GB45708	4.758042968	3.820691395	1.07009E-07	FBgn0031975
GB41369	4.756053569	1.373314989	0.008317797	FBgn0019972
GB50124	4.747934531	3.457090551	1.20688E-06	0
GB55209	4.738051108	0.746735807	0.047976525	FBgn0030647
GB51218	4.696977306	5.160933109	1.53522E-18	0
GB52919	4.679661839	7.572477237	1.17385E-18	FBgn0036617
GB44168	4.661743549	4.731122135	4.71501E-13	FBgn0000490
GB43713	4.628461871	6.490436593	2.91117E-25	FBgn0038037
GB42514	4.6141124	3.812345277	1.89458E-08	FBgn0037297
GB47127	4.6141124	3.850784416	4.66417E-08	FBgn0261832
GB40218	4.604826078	1.343097472	0.024417547	FBgn0021760
GB49552	4.60081581	5.816128621	3.49206E-14	FBgn0035501
GB48079	4.578252801	3.292208072	8.04962E-06	FBgn0051954
GB41706	4.569971291	4.756519725	6.19716E-12	FBgn0028533
GB44996	4.568998713	10.06578285	3.7612E-14	FBgn0002564
GB48391	4.554138203	3.475409395	4.80614E-05	FBgn0038135
GB51861	4.52584164	1.642645394	0.033370526	FBgn0264078
GB54404	4.525256213	6.121473284	5.49161E-26	FBgn0051522
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GB49993	4.487443702	7.448783024	5.26474E-14	FBgn0035787
GB52598	4.485618548	9.463627067	3.44998E-19	FBgn0032213
GB48130	4.435869993	0.992608776	0.023674369	FBgn0061197
GB40708	4.431139511	8.770612777	3.62844E-18	FBgn0029507
GB42985	4.427612664	6.31078854	2.78676E-12	0
GB49848	4.408373156	2.296876711	0.001375199	FBgn0038095
GB52525	4.386724966	2.490088201	0.000557293	FBgn0032248
GB54289	4.375845059	6.162550309	7.96955E-23	FBgn0085407

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GB47270	4.338798692	3.611306592	8.71009E-06	FBgn0015032
GB50609	4.312801166	11.42003131	2.09335E-16	FBgn0001219
GB52721	4.309893087	5.417099922	3.32546E-15	FBgn0002576
GB46230	4.291291677	2.821553607	0.002701727	FBgn0034470
GB43208	4.260919614	8.835178394	8.53189E-18	FBgn0036985
GB41283	4.255535706	6.715810621	4.65698E-21	FBgn0003137
GB45748	4.244469711	0.774011431	0.034381033	FBgn0015714
GB47398	4.237745519	1.240358494	0.046767901	FBgn0035060
GB45911	4.234400725	5.67152759	3.62627E-21	FBgn0011296
GB55206	4.230515996	1.89091984	0.009877679	FBgn0034856
GB44552	4.222721851	3.055454823	0.004084849	FBgn0005633
GB48020	4.21919196	3.773353159	2.04649E-06	FBgn0034294
GB45913	4.218993123	11.89248093	2.22149E-17	FBgn0011296
GB55204	4.201251447	5.014175878	6.25586E-10	FBgn0039896
GB42900	4.157394828	10.78508222	2.23952E-14	FBgn0261564
GB50608	4.154481829	4.959357077	7.41958E-10	FBgn0033495
GB40148	4.150354383	4.878796812	1.31826E-08	FBgn0032810
GB55208	4.147588776	2.421489874	0.002602132	FBgn0041712
GB56028	4.142724552	7.035446284	3.80592E-18	FBgn0036665
GB49441	4.133958846	7.995475552	4.83092E-16	FBgn0003450
GB50526	4.132490769	5.970333973	2.47849E-22	FBgn0038652
GB55205	4.084584352	6.224717414	2.34731E-18	FBgn0039896
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GB51467	4.046669938	2.113447333	0.002611818	FBgn0034140
GB47248	4.041357704	5.617043237	1.51147E-19	FBgn0031146
GB54219	4.024356569	9.739541645	1.54451E-14	FBgn0086708
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GB49440	4.008289933	6.212340223	5.1429E-22	FBgn0039630
GB46587	4.000656174	8.765332652	4.63344E-14	FBgn0053998
GB42053	3.989385319	4.867934819	4.78171E-11	FBgn0031381
GB46142	3.984553035	4.870130278	1.36367E-09	FBgn0026144
GB42146	3.954449082	7.863642439	1.16464E-10	FBgn0085446
GB42410	3.947060772	5.497416218	1.47704E-10	FBgn0034638
GB44146	3.942675169	4.345665864	1.61486E-08	FBgn0034709
GB52318	3.922582709	3.523837418	9.01187E-05	FBgn0031907
GB47805	3.90734622	5.211704137	5.02005E-13	FBgn0043575
GB49544	3.90149385	2.566429997	0.000563491	FBgn0051150
GB42135	3.883526112	4.645827292	1.20048E-10	FBgn0038201
GB54231	3.868303974	3.710862018	1.48333E-05	FBgn0024352
GB50005	3.866013539	8.528113832	3.25413E-12	FBgn0063923
GB47580	3.863875153	5.480476569	3.26204E-17	FBgn0032817
GB55068	3.841939933	3.906304886	4.46687E-07	FBgn0085351
GB47771	3.840936173	1.944451718	0.020870977	FBgn0034745
GB41418	3.820915455	4.953572289	4.65526E-11	FBgn0002526
GB42244	3.816240325	8.224996058	1.31135E-15	FBgn0043903
GB45797	3.80902794	4.244695515	1.22869E-05	FBgn0039896
GB53115	3.782584972	1.553539354	0.010832449	FBgn0036608
GB45796	3.776223883	3.656894199	2.49045E-05	FBgn0004034
GB47579	3.762041542	2.921398984	0.000881417	FBgn0016684
GB52348	3.740325191	4.051602013	5.68224E-07	FBgn0003162
GB41642	3.732489338	5.787057101	6.23524E-18	0
GB55211	3.722688172	3.711397724	0.000106108	FBgn0032601
GB48903	3.69654056	4.780609553	1.16464E-10	FBgn0038139
GB46774	3.684105765	9.572437896	5.73761E-12	FBgn0031322
GB51383	3.676908959	2.931073836	0.000832151	FBgn0033302

GB42434	3.670027302	3.172062328	0.00056252	FBgn0034580
GB55452	3.664136563	9.28669327	1.24396E-08	FBgn0052626
GB56013	3.645716342	1.467636045	0.021412554	FBgn0035849
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GB40136	3.621231566	3.668072265	2.21625E-05	FBgn0038595
GB50550	3.607729335	7.860666893	2.03532E-13	0
GB44203	3.583804144	3.691037322	0.000185038	FBgn0037465
GB55451	3.583347288	9.85017612	5.86448E-13	FBgn0002526
GB47381	3.580440394	2.230932925	0.007047794	FBgn0053817
GB54732	3.542257094	5.330627719	5.24873E-12	FBgn0030309
GB53028	3.540302413	6.592565188	4.2113E-17	FBgn0032116
GB45955	3.496577622	9.56085769	1.55015E-12	FBgn0260746
GB43362	3.481244241	6.060507373	1.93286E-16	FBgn0030421
GB55212	3.461323206	4.85905624	4.75014E-06	FBgn0039896
GB53978	3.440300342	5.680252985	1.92349E-11	FBgn0023479
GB46013	3.423557163	6.679846567	4.74407E-16	FBgn0032010
GB54983	3.38055012	3.437281979	0.000219142	FBgn0035537
GB41806	3.376257869	7.129965632	3.55751E-12	FBgn0038088
GB44043	3.353724907	3.718679835	0.00017705	FBgn0028841
GB48905	3.353066505	8.002920667	5.80005E-10	FBgn0010226
GB40573	3.349422112	3.242217054	0.00056569	FBgn0261834
GB50883	3.345391432	5.947647934	4.04394E-12	FBgn0032638
GB54941	3.344407794	6.214095738	2.68615E-16	FBgn0051720
GB43716	3.343830347	5.576841828	3.06265E-13	FBgn0038037
GB44634	3.328547019	5.453029163	3.49816E-13	FBgn0243512
GB54233	3.326655816	4.920975872	1.73649E-09	FBgn0030964
GB44503	3.324183365	4.064061312	1.42153E-05	FBgn0085201
GB52631	3.28445539	5.865409563	2.34322E-12	FBgn0003495
GB40110	3.281888653	1.962609055	0.028105464	FBgn0061200
GB54942	3.278231842	5.2066546	8.01629E-11	FBgn0051720
GB45696	3.263977743	6.939947452	7.77778E-12	FBgn0000567
GB50761	3.257571878	4.232312014	1.21401E-05	FBgn0038485
GB43728	3.211333498	6.153763169	2.12879E-16	FBgn0038037
GB46640	3.203964792	4.285154837	7.91371E-06	FBgn0033628
GB42829	3.203393446	8.656743436	1.05389E-10	FBgn0034405
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GB43711	3.180610135	2.475333302	0.027143461	FBgn0038037
GB55890	3.178537068	2.343760694	0.017940017	FBgn0034275
GB49672	3.166966842	4.630768683	5.96831E-08	FBgn0038842
GB55707	3.16264217	1.671755254	0.045649062	FBgn0037063
GB45157	3.158691595	5.296840875	2.70034E-11	FBgn0013753
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GB49887	3.123639142	3.666277002	0.000288346	FBgn0033304
GB41623	3.123639142	3.695902953	0.000997655	FBgn0035430
GB47407	3.068715684	3.407748549	0.000311202	FBgn0013981
GB52360	3.046777266	7.914467028	2.35717E-10	FBgn0034886
GB45495	3.028548961	10.39956753	1.79242E-08	FBgn0001233
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GB41202	3.009122368	5.67523618	9.11681E-12	FBgn0027600
GB48687	2.991603375	6.623541563	1.94255E-13	FBgn0243514
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GB40287	2.968203166	3.332207694	0.001901531	FBgn0033302
GB47505	2.960159413	3.251862212	0.001952641	FBgn0053870
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GB46984	2.897579484	6.606214096	7.81955E-11	FBgn0086691
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GB54097	2.873066734	8.268394461	1.61811E-08	FBgn0011672
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GB53516	-4.692738241	8.414489587	1.41516E-17	FBgn0043792
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GB55611	-4.711751657	5.188350976	4.16404E-09	FBgn0010399
GB42852	-4.729615713	4.685471151	4.70181E-08	FBgn0085472
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GB51407	-4.752951863	6.633454006	2.7075E-13	FBgn0050069
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GB42901	-4.852877411	6.302846388	1.6544E-06	FBgn0030539
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GB42596	-4.879066174	7.765935055	1.44483E-12	FBgn0021742
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GB48967	-4.929588106	4.867347663	1.87104E-09	FBgn0260006
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GB50636	-4.963164009	9.196844097	4.67465E-20	FBgn0031097
GB49270	-4.967264033	3.974971812	8.19462E-06	FBgn0032402
GB49802	-4.979491775	5.840499613	3.35978E-14	FBgn0086906
GB48979	-5.000042478	4.957946378	2.28613E-10	FBgn0037323
GB48474	-5.003769054	9.951906886	2.71662E-21	FBgn0035398
GB49795	-5.022669546	7.469707682	2.79262E-12	FBgn0029681
GB52105	-5.050533717	6.322343394	5.65212E-11	FBgn0051807
GB53119	-5.059572344	10.27461094	3.74174E-12	0
GB50574	-5.063927966	5.347371478	2.26061E-06	FBgn0051561
GB40240	-5.07906629	10.60085808	8.67376E-19	FBgn0002773
GB53517	-5.0903041	6.453748069	2.21579E-16	FBgn0035935
GB42909	-5.123520862	6.133214261	3.05489E-10	FBgn0039027
GB54767	-5.128500968	4.106690252	2.36331E-06	FBgn0030947

GB40837	-5.131977626	9.946964316	9.27766E-21	FBgn0037323
GB50612	-5.150752422	4.862733946	5.50144E-05	FBgn0050101
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GB52184	-5.20133813	6.566573206	5.42856E-20	0
GB40771	-5.209001121	6.584630874	8.68534E-21	FBgn0033763
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GB50828	-5.227328837	7.733309261	1.13311E-20	FBgn0261836
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GB42908	-5.308979012	6.525762316	3.20014E-08	FBgn0039027
GB48066	-5.312705556	6.147827156	8.45065E-19	FBgn0020389
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GB48860	-5.468234985	6.272513028	2.10193E-16	FBgn0038819
GB50827	-5.515666778	8.34261141	4.27784E-21	FBgn0051205
GB54489	-5.533143841	5.460062199	2.09285E-15	FBgn0052829
GB51652	-5.54118547	8.856351513	1.42371E-19	FBgn0264695
GB42702	-5.553517274	9.856758185	1.9642E-24	FBgn0037288
GB42763	-5.626882386	7.991567755	1.36579E-21	FBgn0023388
GB45764	-5.628085043	8.11348145	1.53118E-22	FBgn0004117
GB44561	-5.638680894	6.7162285	7.37718E-19	FBgn0039075
GB51441	-5.659804983	11.71782084	3.704E-26	FBgn0019960
GB43181	-5.669761698	8.073281109	8.92631E-12	FBgn0037992
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GB42911	-5.686775429	5.921264102	1.70245E-07	FBgn0053299
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GB47118	-5.72962484	8.948216195	1.77079E-23	FBgn0038439
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GB48861	-5.811916254	7.514993833	1.62522E-20	FBgn0038819
GB55614	-5.832397539	7.499334266	1.22106E-20	FBgn0011225
GB52634	-5.837307846	4.809996582	1.0221E-10	FBgn0040087
GB53120	-5.860395155	7.170134786	5.55599E-20	FBgn0013733
GB40447	-5.882934827	8.651582743	8.6541E-17	FBgn0033869
GB50563	-5.883237002	4.614939424	7.95893E-05	FBgn0037413
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GB54791	-5.900710771	4.872948606	2.70353E-11	FBgn0003089
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GB48174	-5.927315155	9.705478366	5.22463E-22	FBgn0033158
GB53110	-5.942960909	14.12357249	6.8628E-27	FBgn0034289
GB47550	-5.948815592	5.761671763	1.16654E-15	FBgn0052537
GB50613	-5.958593634	11.53710397	1.58924E-21	FBgn0050101

GB46518	-5.985827536	8.953630884	9.88118E-12	0
GB52052	-6.017306843	8.498174344	2.51944E-20	FBgn0029690
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GB42597	-6.13397977	13.03752651	1.86784E-29	FBgn0032538
GB40624	-6.136362757	8.944943441	2.54615E-26	FBgn0259247
GB50875	-6.147274236	7.949667458	1.22351E-20	FBgn0053126
GB46585	-6.151727588	12.7367896	2.23647E-27	FBgn0032538
GB46591	-6.203496162	12.43374947	1.12512E-28	FBgn0032538
GB50442	-6.20580769	6.075424801	1.08959E-21	FBgn0039480
GB50449	-6.250275011	7.888936183	9.5565E-22	0
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GB50451	-6.315005955	11.71534458	1.22376E-25	FBgn0053196
GB55612	-6.334357845	8.446978476	1.22376E-25	FBgn0263216
GB43769	-6.345322502	7.508605589	6.11743E-08	FBgn0037411
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GB45957	-6.469093576	8.59068493	3.34109E-25	FBgn0034157
GB53525	-6.666614307	6.947096958	3.62627E-21	FBgn0035641
GB55599	-6.673623889	6.99200816	9.5983E-22	FBgn0052656
GB45763	-6.68566318	7.703670621	7.3201E-22	FBgn0004117
GB53113	-6.75553388	8.998949457	3.34109E-25	FBgn0040496
GB46414	-6.775798514	5.490457143	1.47678E-08	0
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GB52104	-6.832826765	5.675314861	3.02205E-16	FBgn0039479
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GB46399	-7.257683071	8.913178316	3.89876E-26	FBgn0032256
GB50876	-7.357848942	6.078127027	1.19691E-13	FBgn0053126
GB49981	-7.840435983	2.497368882	0.003059751	FBgn0030056
GB43805	-7.840435983	2.505384318	0.005729616	FBgn0029843
GB42923	-7.854314648	2.508635403	0.003217833	FBgn0015562
GB47536	-8.035778123	2.688680349	0.002286752	FBgn0038181
GB46403	-8.071862003	2.734406378	0.001185691	FBgn0036299
GB48044	-8.118611466	2.755880972	0.001584801	FBgn0005666
GB47129	-8.207797358	2.824937088	0.002196346	FBgn0041711
GB53313	-8.271245351	2.830567209	0.002104741	0
GB42635	-8.28155394	2.823128043	0.002920167	FBgn0085458
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GB48796	-8.399832361	3.037085578	0.000176534	FBgn0012344
GB48489	-8.399832361	3.013259907	0.000482801	FBgn0031835
GB50611	-8.666880929	3.100639235	0.000996708	FBgn0050101
GB49962	-8.674723755	3.169430899	0.000464735	FBgn0004511
GB49295	-8.938473177	3.529689897	1.01333E-05	FBgn0014859
GB53689	-8.944973238	3.510224825	1.36985E-05	FBgn0032707
GB42641	-8.957886157	3.426289291	0.000105351	FBgn0039200
GB44199	-9.150168536	3.732171326	2.83119E-06	FBgn0052635
GB54457	-9.161376107	3.739067584	1.59643E-06	FBgn0052829
GB43367	-9.242767548	3.633996971	0.00020064	FBgn0053003
GB47120	-9.319811375	3.880090172	4.24908E-07	FBgn0038880
GB54904	-9.407141415	3.978870415	9.61901E-08	FBgn0032402
GB53285	-9.511548787	4.003998832	6.37447E-07	FBgn0002709

GB52017	-9.637279865	4.187954151	3.77301E-08	FBgn0037552
GB51819	-9.66510502	4.211463133	9.08161E-09	FBgn0030590
GB42581	-10.16569194	4.693007026	1.05534E-11	FBgn0035873
GB50887	-10.31617728	4.830383946	3.18149E-12	FBgn0029961
GB46417	-10.32617086	4.640635227	8.05254E-07	FBgn0037662
GB50577	-10.35818001	4.703918873	2.48321E-08	FBgn0037427
GB47927	-10.54091321	4.936161678	5.95629E-11	0

Contrast 5				
High SBV+DWV vs. high DWV alone				
Gene Label	logFC	logCPM	FDR	Flybase ortholog
GB50423	11.1294679	10.02259936	2.63866E-20	FBgn0052055
GB47618	10.73008124	6.846675562	6.29063E-12	FBgn0010385
GB51306	10.66243523	6.788443299	9.97726E-14	0
GB47318	10.45491324	9.337038613	6.40191E-14	FBgn0032835
GB41637	9.44816399	7.518765168	4.4782E-16	FBgn0030905
GB48823	9.059994519	8.849007475	5.87727E-17	FBgn0004778
GB47520	8.80285493	4.855140229	2.86879E-05	FBgn0045827
GB41428	8.737737519	9.050191849	6.40191E-14	FBgn0010385
GB43112	8.612284858	9.639760112	4.76932E-19	FBgn0028573
GB49890	8.399584379	7.817103953	1.58854E-10	FBgn0033302
GB41097	8.28640088	4.310261249	0.000633874	FBgn0051954
GB45912	8.285742369	11.01649526	2.6302E-20	FBgn0011296
GB48833	8.209042737	8.304320765	9.85224E-12	FBgn0004778
GB54238	8.133610133	6.972836359	4.48161E-13	FBgn0053547
GB53798	8.123963084	9.712437427	3.71765E-12	FBgn0032132
GB50121	8.067856435	9.468565805	2.36924E-19	FBgn0029167
GB42310	7.997920747	4.016861727	0.002901491	FBgn0045827
GB45954	7.906737128	6.792605007	4.1665E-09	FBgn0053196
GB47475	7.811441399	10.81471708	7.02186E-20	FBgn0011296
GB55435	7.735402372	5.736645493	5.19261E-09	FBgn0020626
GB54139	7.70989919	5.692771841	5.33886E-09	FBgn0000299
GB50363	7.68733836	3.708040187	0.017391675	FBgn0038642
GB42626	7.667318782	8.690130254	6.18207E-17	FBgn0005613
GB48148	7.62539667	7.678255802	2.12554E-17	FBgn0034140
GB48134	7.557757705	10.31468734	2.95337E-11	FBgn0001258
GB48146	7.453857028	6.813468517	9.62766E-09	FBgn0038071
GB51223	7.410290925	11.43488687	9.33872E-17	FBgn0014002
GB51174	7.161873481	9.974727698	9.33872E-17	FBgn0033661
GB50477	7.037438926	9.121530994	5.25023E-14	FBgn0263774
GB45910	7.033663626	12.22179445	1.00758E-17	FBgn0011296
GB55203	6.947876435	6.655438377	2.28278E-13	FBgn0034856
GB55515	6.932888132	8.725130529	1.2836E-10	FBgn0036262
GB42554	6.834766269	5.600380669	2.20095E-09	FBgn0036191
GB42540	6.83190309	7.978471707	7.69901E-17	FBgn0037329
GB42797	6.788055969	8.37528956	8.75404E-16	FBgn0037288
GB49219	6.737188256	4.712163821	0.00015029	FBgn0031905
GB44871	6.650904194	7.335061496	8.46375E-17	FBgn0038074
GB45909	6.627495586	11.38868179	1.00129E-16	FBgn0011296
GB40227	6.577143471	4.531621804	0.000164117	FBgn0036316
GB41722	6.447827503	10.19077215	1.06473E-11	FBgn0033246
GB45708	6.397102907	4.365162204	0.000553601	FBgn0031975
GB53860	6.305850813	9.367883266	2.09477E-13	FBgn0026575
GB41709	6.260343936	8.522190073	3.65266E-13	FBgn0030691
GB54881	6.226075161	6.254751387	3.07551E-10	FBgn0036829

GB45713	6.191347009	4.150863096	0.001671168	FBgn0031975
GB41636	6.101601962	6.329582157	3.46494E-14	FBgn0013733
GB43924	6.076098185	10.20877693	1.07679E-13	FBgn0263072
GB45906	6.068702278	11.12313033	1.87517E-14	FBgn0011296
GB43007	5.994173766	3.98774223	0.008845594	FBgn0030592
GB47805	5.989048573	5.666078553	2.7424E-09	FBgn0043575
GB42621	5.907641241	10.03641208	1.31023E-12	FBgn0016075
GB47505	5.715345478	3.623138046	0.006272339	FBgn0053870
GB51419	5.698987784	6.703772561	9.14619E-11	FBgn0035439
GB46223	5.694128476	4.473993142	0.000893744	FBgn0034470
GB45907	5.654590275	9.747264003	4.24378E-13	FBgn0011296
GB47127	5.632912132	4.400055677	0.000371029	FBgn0261832
GB52100	5.596284069	11.7717312	2.38575E-11	FBgn0000299
GB44633	5.552716247	3.484463769	0.019754841	0
GB49886	5.521563303	7.105955777	2.89026E-11	FBgn0033302
GB41222	5.395545605	4.144735037	0.0012432	FBgn0035132
GB51583	5.380060614	4.667098109	8.0076E-05	FBgn0036117
GB47270	5.358208027	4.131931043	0.00237264	FBgn0015032
GB44168	5.298498848	5.26404005	3.9326E-07	FBgn0000490
GB44996	5.25335743	10.44355556	4.96308E-09	FBgn0002564
GB40137	5.247545268	6.229461256	1.21462E-09	FBgn0038595
GB40288	5.244496579	4.97437399	0.000192078	FBgn0033302
GB42099	5.198372362	3.944261599	0.002823827	FBgn0027600
GB41708	5.191619434	9.119020515	1.24153E-10	FBgn0036597
GB44146	5.176476577	4.835076433	1.36054E-05	FBgn0034709
GB41284	5.175909775	7.145372657	5.73346E-12	FBgn0050197
GB42146	5.170313335	8.222071295	3.76735E-08	FBgn0085446
GB45714	5.159347267	3.054772915	0.046190762	FBgn0031975
GB42900	5.102074913	11.14627648	4.30045E-10	FBgn0261564
GB55451	5.096673349	10.17475596	1.59205E-11	FBgn0002526
GB40148	5.085940409	5.33318858	4.39313E-05	FBgn0032810
GB46587	4.927616862	9.127435911	7.28891E-10	FBgn0053998
GB47546	4.924760654	5.168641208	2.16899E-05	0
GB52348	4.895413392	4.540899352	7.95272E-05	FBgn0003162
GB55452	4.840728458	9.620107041	5.87037E-07	FBgn0052626
GB52598	4.820914594	9.84912665	3.98306E-11	FBgn0032213
GB43027	4.809952672	4.114970606	0.003512583	0
GB43208	4.746808998	9.215952778	8.92134E-11	FBgn0036985
GB41642	4.734071927	6.245593612	6.22006E-12	0
GB46640	4.731996688	4.688932696	3.86225E-05	FBgn0033628
GB42985	4.724179768	6.736660965	7.98055E-07	0
GB40708	4.64261627	9.161252959	3.59607E-10	FBgn0029507
GB52428	4.602525934	6.681691605	2.67718E-13	FBgn0037126
GB56028	4.575404306	7.44731739	1.44905E-10	FBgn0036665
GB55029	4.559006628	5.875961442	1.22246E-08	FBgn0031176
GB52919	4.547502276	7.993066475	3.37378E-09	FBgn0036617
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GB42410	4.489310066	5.936982565	3.09258E-06	FBgn0034638
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GB49552	4.373032294	6.290686246	2.23257E-06	FBgn0035501
GB49441	4.365457036	8.385729962	5.04421E-09	FBgn0003450
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