

**Table S2****Genes preferentially expressed in wildtype wing and leg discs**

CG Number	Synonym	Median (log2)	p-value
<b>Wing</b>			
CG10197	kn	-5.50	1.84E-03
CG3830	vg	-5.34	5.23E-05
CG10619	tup	-4.03	2.65E-05
CG5966	CG5966	-3.91	3.85E-06
CG8376	ap	-3.44	1.14E-08
CG4382	CG4382	-3.17	3.02E-04
CG1897	msh, Dr	-3.01	2.39E-07
CG12843	Tsp42Ei	-2.99	3.31E-04
CG12287	pdm2	-2.74	7.38E-07
CG7160	CG7160	-2.60	1.17E-03
CG10570	CG10570	-2.58	9.35E-03
CG1803	regucalcin	-2.49	2.74E-03
CG9023	Drip	-2.49	4.01E-06
CG2663	CG2663	-2.45	1.84E-03
CG3132	Ect3	-2.42	4.68E-04
CG4914	CG4914	-2.36	9.54E-07
CG9554	eya	-2.35	5.96E-05
CG9427	CG9427	-2.31	1.03E-06
CG9623	if	-2.30	9.48E-08
CG10501	amd	-2.29	3.45E-03
CG1698	CG1698	-2.17	1.60E-03
CG8501	CG8501	-2.17	1.10E-03
CG7539	Edg91	-2.13	3.93E-02
CG7924	CG7924	-2.11	4.13E-05
CG9008	CG9008	-2.08	5.72E-09
CG4766	CG4766	-2.07	4.26E-05
CG9358	Phk-3	-2.05	1.78E-05
CG5397	CG5397	-1.99	1.95E-02
CG1058	rpk	-1.98	1.45E-05
CG5518	sda	-1.89	5.45E-04
CG9307	CG9307	-1.87	1.01E-04
CG5187	Doc2	-1.72	7.42E-06
CG8404	Sox15	-1.69	8.62E-07
CG10704	toe	-1.67	1.36E-04
CG5133	Doc1	-1.60	5.40E-04
CG1089	alpha-Est5	-1.59	3.61E-02

CG5093	Doc3	-1.48	1.10E-05
CG17348	drl	-1.43	1.08E-06
CG16885	CG16885	-1.35	4.52E-05
CG10962	CG10962	-1.31	3.73E-02
CG3385	navy	-1.29	3.36E-03
CG17044	yellow-e2	-1.29	2.32E-04
CG6044	CG6044	-1.26	3.11E-07
CG6680	CG6680	-1.25	5.45E-03
CG12023	GV1	-1.25	3.19E-05
CG9812	CG9812	-1.22	8.27E-05
CG15064	Him	-1.21	4.51E-03
CG8502	CG8502	-1.18	6.62E-05
CG4746	mab-2	-1.17	6.96E-04
CG18657	NetA	-1.15	2.77E-06
CG7052	TepII	-1.13	3.75E-05
CG30069	CG13017	-1.12	6.40E-03
CG2762	ush	-1.10	3.35E-05
CG11905	CG11905	-1.10	1.12E-04
CG7820	CAH1	-1.09	3.16E-05
CG4319	rpr	-1.07	2.52E-05
CG7811	b	-1.06	5.95E-03
CG5392	CG5392	-1.04	5.66E-04
CG11835	CG11835	-1.02	4.24E-04
CG16959	CG16959	-0.94	5.13E-06
CG17559	dnt	-0.94	9.93E-07
CG9552	rost	-0.94	2.39E-05
CG9266	CG9266	-0.88	6.57E-04
CG15093	CG15093	-0.88	8.04E-05
CG17941	ds	-0.88	2.33E-05
CG17032	CG17032	-0.86	1.66E-05
CG1794	Mmp2	-0.86	7.39E-04

## Leg

CG7807	AP-2	6.68	7.37E-05
CG5893	D	5.40	2.87E-05
CG11922	fd96Cb	4.68	3.33E-04
CG6269	unc-4	4.50	3.14E-06
CG6570	lbl	4.46	2.80E-08
CG10382	wrapper	4.41	1.97E-05
CG3388	gsb	4.22	2.34E-05
CG6414	CG6414	3.93	2.11E-04
CG11354	Lim1	3.71	5.33E-04
CG18111	Obp99a	3.61	1.84E-06

CG11921	fd96Ca	3.06	3.36E-04
CG4605	Acp32CD	2.91	1.47E-04
CG5888	CG5888	2.86	3.82E-03
CG4501	bgm	2.59	4.07E-06
CG6604	H15	2.16	1.79E-03
CG10440	CG10440	1.92	8.55E-07
CG2056	CG2056	1.90	3.73E-09
CG17131	SP71	1.89	8.01E-04
CG9747	CG9747	1.86	9.47E-04
CG1004	rho	1.81	5.24E-08
CG33207	pxb	1.77	5.96E-07
CG13023	CG13023	1.74	1.59E-05
CG14191	CG14191	1.73	1.40E-02
CG3479	osp	1.68	2.00E-08
CG17943	comm	1.54	1.06E-05
CG10546	Cralbp	1.47	6.34E-04
CG2360	Ccp84Aa	1.47	1.07E-02
CG10108	phyl	1.45	3.32E-03
CG9196	CG9196	1.44	8.56E-07
CG2341	Ccp84Ad	1.43	2.30E-03
CG10241	Cyp6a17	1.43	9.21E-05
CG4559	Idgf3	1.28	2.74E-02
CG8333	HLHmgamma	1.25	1.49E-05
CG3827	sc	1.23	3.35E-06
CG9801	CG9801	1.23	2.28E-02
CG3851	odd	1.21	5.33E-06
CG15085	edl	1.17	4.28E-05
CG7088	bnb	1.16	2.23E-06
CG31869	CG17130	1.13	3.43E-04
CG11121	so	1.07	7.51E-06
CG1916	Wnt2	1.07	7.19E-08
CG13082	CG13082	1.02	5.50E-05
CG3649	CG3649	1.02	1.63E-05
CG9336	CG9336	1.02	4.82E-04
CG7194	CG7194	1.02	1.13E-06
CG17211	CG17211	0.98	1.40E-03
CG6234	CG6234	0.97	2.56E-02
CG32150	CG12712	0.97	3.33E-02
CG4969	Wnt6	0.97	1.17E-05
CG8363	Paps	0.96	2.60E-05
CG10433	CG10433	0.95	2.09E-02
CG15757	CG15757	0.93	3.41E-04
CG7447	CG7447	0.92	1.25E-02
CG7231	CG7231	0.91	8.99E-06
CG7294	CG7294	0.90	2.06E-05

<b>CG2062</b>	<b>Cyp4e1</b>	<b>0.89</b>	<b>4.14E-04</b>
<b>CG3396</b>	<b>Ocho</b>	<b>0.89</b>	<b>1.62E-03</b>
<b>CG1342</b>	<b>CG1342</b>	<b>0.89</b>	<b>5.07E-07</b>
<b>CG9674</b>	<b>CG9674</b>	<b>0.88</b>	<b>8.64E-05</b>
<b>CG11797</b>	<b>Obp56a</b>	<b>0.88</b>	<b>5.77E-04</b>
<b>CG11136</b>	<b>CG11136</b>	<b>0.87</b>	<b>2.02E-02</b>
<b>CG3629</b>	<b>Dll</b>	<b>0.86</b>	<b>7.56E-05</b>