

Table S3 Differentially expressed genes following activation of *snail*, *twist*, and *snail + twist* (p-value cutoff = 0.05).

dCas9-activated TF	Differentially Expressed Gene	Flybase ID	CG number	Fold Change (Log2)	ChiP Peak
<i>snail</i>	sna	FBgn0003448	CG3956	10.06567708	Yes
<i>snail</i>	l(2)05510	FBgn0028622	CG13432	6.019522795	
<i>snail</i>	esg	FBgn0001981	CG3758	5.438088815	Yes
<i>snail</i>	pyr	FBgn0033649	CG13194	4.320828812	Yes
<i>snail</i>	ldgf4	FBgn0026415	CG1780	3.772949815	
<i>snail</i>	CG31808	FBgn0062978	CG31808	3.481828608	
<i>snail</i>	htl	FBgn0010389	CG7223	2.706344789	Yes
<i>snail</i>	Ggamma30A	FBgn0267252	CG3694	1.88490427	
<i>snail</i>	if	FBgn0001250	CG9623	1.361821658	
<i>snail</i>	CG31516	FBgn0051516	CG31516	1.332014094	Yes
<i>snail</i>	Ama	FBgn0000071	CG2198	1.282418899	Yes
<i>snail</i>	CG13928	FBgn0035246	CG13928	0.945532592	Yes
<i>snail</i>	tok	FBgn0004885	CG6863	0.785310731	Yes
<i>snail</i>	dally	FBgn0263930	CG4974	0.761523509	Yes
<i>snail</i>	CG3624	FBgn0034724	CG3624	0.710650399	
<i>snail</i>	CG5455	FBgn0039430	CG5455	0.701973435	
<i>snail</i>	hoe1	FBgn0041150	CG12787	0.683715599	
<i>snail</i>	CG5895	FBgn0036560	CG5895	0.535425178	
<i>snail</i>	CG3800	FBgn0034802	CG3800	-0.419648113	
<i>snail</i>	CG12099	FBgn0035232	CG12099	-0.428194298	
<i>snail</i>	CG5118	FBgn0031317	CG5118	-0.463998841	
<i>snail</i>	CG3860	FBgn0034951	CG3860	-0.562885083	Yes
<i>snail</i>	tmod	FBgn0082582	CG1539	-0.58824945	Yes
<i>snail</i>	Cap-H2	FBgn0037831	CG14685	-0.629304699	
<i>snail</i>	CG33926	FBgn0053926	CG33926	-0.634353699	
<i>snail</i>	CG8547	FBgn0033919	CG8547	-0.640350549	
<i>snail</i>	Paip2	FBgn0038100	CG12358	-0.722847538	
<i>snail</i>	CG3376	FBgn0034997	CG3376	-0.801759241	Yes
<i>twist</i>	CG15611	FBgn0034194	CG15611	Inf	
<i>twist</i>	CG15658	FBgn0034602	CG15658	Inf	Yes
<i>twist</i>	CG17270	FBgn0038828	CG17270	Inf	
<i>twist</i>	acj6	FBgn0000028	CG9151	Inf	
<i>twist</i>	alphaTub85E	FBgn0003886	CG9476	Inf	
<i>twist</i>	ect	FBgn0000451	CG6611	Inf	
<i>twist</i>	twi	FBgn0003900	CG2956	Inf	Yes
<i>twist</i>	lmd	FBgn0039039	CG4677	Inf	Yes
<i>twist</i>	dei	FBgn0263118	CG5441	6.248589419	Yes
<i>twist</i>	PGRP-LB	FBgn0037906	CG14704	6.13543379	
<i>twist</i>	CCKLR-17D3	FBgn0030954	CG32540	4.434007846	Yes
<i>twist</i>	htl	FBgn0010389	CG7223	3.936688181	Yes

<i>twist</i>	navy	FBgn0005636	CG3385	3.64454539	Yes
<i>twist</i>	e	FBgn0000527	CG3331	3.638143579	
<i>twist</i>	alpha-Est1	FBgn0015568	CG1031	3.505377756	Yes
<i>twist</i>	btn	FBgn0014949	CG5264	3.409022052	Yes
<i>twist</i>	CG3376	FBgn0034997	CG3376	3.017699542	Yes
<i>twist</i>	CG13707	FBgn0035578	CG13707	2.995481719	Yes
<i>twist</i>	CG6231	FBgn0038720	CG6231	2.984047614	Yes
<i>twist</i>	Pu	FBgn0003162	CG9441	2.887683306	
<i>twist</i>	CG17032	FBgn0036547	CG17032	2.829535333	
<i>twist</i>	sano	FBgn0034408	CG12758	2.805911606	Yes
<i>twist</i>	CG9150	FBgn0031775	CG9150	2.792648879	
<i>twist</i>	Bili	FBgn0039282	CG11848	2.424495665	Yes
<i>twist</i>	CG12402	FBgn0038202	CG12402	2.287528386	Yes
<i>twist</i>	pyd3	FBgn0037513	CG3027	1.849919318	Yes
<i>twist</i>	trol	FBgn0267911	CG33950	1.813775804	Yes
<i>twist</i>	kon	FBgn0032683	CG10275	1.792138095	Yes
<i>twist</i>	Fuca	FBgn0036169	CG6128	1.759441705	
<i>twist</i>	SerT	FBgn0010414	CG4545	1.68233002	
<i>twist</i>	CG17181	FBgn0035144	CG17181	1.441725877	Yes
<i>twist</i>	CG7149	FBgn0031948	CG7149	1.440411931	
<i>twist</i>	if	FBgn0001250	CG9623	1.396773256	Yes
<i>twist</i>	CG18557	FBgn0031470	CG18557	1.328767553	
<i>twist</i>	Mmp1	FBgn0035049	CG4859	1.236089352	
<i>twist</i>	CG13506	FBgn0034723	CG13506	1.229569672	Yes
<i>twist</i>	rut	FBgn0003301	CG9533	1.228660489	Yes
<i>twist</i>	CG30089	FBgn0050089	CG30089	1.152076771	Yes
<i>twist</i>	nkd	FBgn0002945	CG11614	1.150717399	Yes
<i>twist</i>	CG6406	FBgn0034269	CG6406	1.067665782	
<i>twist</i>	RhoL	FBgn0014380	CG9366	1.04021967	Yes
<i>twist</i>	CG14741	FBgn0037989	CG14741	0.997668804	
<i>twist</i>	CG32813	FBgn0052813	CG32813	0.994802235	
<i>twist</i>	CG8451	FBgn0031998	CG8451	0.963138737	
<i>twist</i>	zormin	FBgn0052311	CG33484	0.903534883	Yes
<i>twist</i>	CG5916	FBgn0038401	CG5916	0.898968909	
<i>twist</i>	CG10962	FBgn0030073	CG10962	0.880539393	
<i>twist</i>	CG33116	FBgn0053116	CG33116	0.864437342	Yes
<i>twist</i>	Sans	FBgn0033785	CG13320	0.853707309	
<i>twist</i>	sick	FBgn0263873	CG43720	0.786380378	Yes
<i>twist</i>	CG42806	FBgn0261975	CG42806	0.743647143	
<i>twist</i>	ash2	FBgn0000139	CG6677	0.713986802	Yes
<i>twist</i>	CG7872	FBgn0030658	CG7872	0.680440718	Yes
<i>twist</i>	Pax	FBgn0041789	CG31794	0.660397209	Yes
<i>twist</i>	CG4802	FBgn0034215	CG4802	0.57850087	
<i>twist</i>	miple2	FBgn0029002	CG18321	0.560957173	Yes
<i>twist</i>	SP1173	FBgn0035710	CG10121	0.558605324	Yes
<i>twist</i>	argos	FBgn0062279	CG4531	0.552945125	Yes
<i>twist</i>	CG6522	FBgn0034223	CG6522	0.544987319	
<i>twist</i>	Fit2	FBgn0036688	CG7729	0.50990303	Yes

<i>twist</i>	Rac2	FBgn0014011	CG8556	0.442453783	Yes
<i>twist</i>	CG32772	FBgn0052772	CG32772	0.437854963	Yes
<i>twist</i>	lig3	FBgn0038035	CG17227	-0.451475123	Yes
<i>twist</i>	dnr1	FBgn0260866	CG12489	-0.498567259	Yes
<i>twist</i>	Cp1	FBgn0013770	CG6692	-0.753112048	Yes
<i>twist</i>	CG6206	FBgn0027611	CG6206	-0.885978932	Yes
<i>twist</i>	eag	FBgn0000535	CG10952	-1.207357152	Yes
<i>snail + twist</i>	CG42741	FBgn0261705	CG42741	Inf	
<i>snail + twist</i>	acj6	FBgn0000028	CG9151	Inf	
<i>snail + twist</i>	ect	FBgn0000451	CG6611	Inf	
<i>snail + twist</i>	twi	FBgn0003900	CG2956	Inf	Yes
<i>snail + twist</i>	CG17270	FBgn0038828	CG17270	Inf	
<i>snail + twist</i>	sna	FBgn0003448	CG3956	10.37275099	Yes
<i>snail + twist</i>	esg	FBgn0001981	CG3758	6.140652322	Yes
<i>snail + twist</i>	l(2)05510	FBgn0028622	CG13432	5.543924262	
<i>snail + twist</i>	dei	FBgn0263118	CG5441	5.457144722	
<i>snail + twist</i>	PGRP-LB	FBgn0037906	CG14704	5.243935125	
<i>snail + twist</i>	CCKLR-17D3	FBgn0030954	CG32540	4.025529417	
<i>snail + twist</i>	htl	FBgn0010389	CG7223	3.884987587	Yes
<i>snail + twist</i>	pyr	FBgn0033649	CG13194	3.618856076	Yes
<i>snail + twist</i>	CG17032	FBgn0036547	CG17032	2.718094087	
<i>snail + twist</i>	kon	FBgn0032683	CG10275	2.374588248	
<i>snail + twist</i>	sano	FBgn0034408	CG12758	2.307298725	Yes
<i>snail + twist</i>	Ggamma30A	FBgn0267252	CG3694	2.120862762	
<i>snail + twist</i>	CG9150	FBgn0031775	CG9150	2.001881127	
<i>snail + twist</i>	nvy	FBgn0005636	CG3385	2.00178281	Yes
<i>snail + twist</i>	CG9896	FBgn0034808	CG9896	1.904522714	
<i>snail + twist</i>	Pu	FBgn0003162	CG9441	1.838598354	
<i>snail + twist</i>	ldgf4	FBgn0026415	CG1780	1.806214988	
<i>snail + twist</i>	CG4793	FBgn0028514	CG4793	1.76408991	
<i>snail + twist</i>	CG8834	FBgn0033733	CG8834	1.705449418	
<i>snail + twist</i>	trol	FBgn0267911	CG33950	1.703599489	
<i>snail + twist</i>	CG31516	FBgn0051516	CG31516	1.655366594	Yes
<i>snail + twist</i>	CG4301	FBgn0030747	CG4301	1.552425865	
<i>snail + twist</i>	CG3376	FBgn0034997	CG3376	1.544037935	Yes
<i>snail + twist</i>	btn	FBgn0014949	CG5264	1.491184766	
<i>snail + twist</i>	SerT	FBgn0010414	CG4545	1.482499914	
<i>snail + twist</i>	v	FBgn0003965	CG2155	1.410454787	Yes
<i>snail + twist</i>	if	FBgn0001250	CG9623	1.408778131	
<i>snail + twist</i>	CG17321	FBgn0032719	CG17321	1.246291866	
<i>snail + twist</i>	CG6639	FBgn0032638	CG6639	1.213727183	
<i>snail + twist</i>	CG13928	FBgn0035246	CG13928	1.199289325	Yes
<i>snail + twist</i>	Aph-4	FBgn0016123	CG1462	1.185869675	
<i>snail + twist</i>	CG32813	FBgn0052813	CG32813	1.170251895	
<i>snail + twist</i>	SKIP	FBgn0051163	CG31163	1.169680202	Yes
<i>snail + twist</i>	Pka-C3	FBgn0000489	CG6117	1.127181861	Yes
<i>snail + twist</i>	Ama	FBgn0000071	CG2198	1.125932052	Yes

<i>snail + twist</i>	CG6330	FBgn0039464	CG6330	1.112434146	
<i>snail + twist</i>	nemy	FBgn0261673	CG8776	1.107010595	
<i>snail + twist</i>	CG3624	FBgn0034724	CG3624	1.105505605	
<i>snail + twist</i>	CG10962	FBgn0030073	CG10962	1.036090559	
<i>snail + twist</i>	CG2528	FBgn0032969	CG2528	1.025803311	
<i>snail + twist</i>	CG7149	FBgn0031948	CG7149	1.022627635	
<i>snail + twist</i>	fra	FBgn0011592	CG8581	1.01197296	Yes
<i>snail + twist</i>	mGluRA	FBgn0019985	CG11144	1	Yes
<i>snail + twist</i>	CG18557	FBgn0031470	CG18557	0.992334684	
<i>snail + twist</i>	tok	FBgn0004885	CG6863	0.977649328	Yes
<i>snail + twist</i>	CG17181	FBgn0035144	CG17181	0.90838252	Yes
<i>snail + twist</i>	CG15097	FBgn0034396	CG15097	0.883776856	
<i>snail + twist</i>	skpB	FBgn0026176	CG8881	0.857066758	
<i>snail + twist</i>	SP1173	FBgn0035710	CG10121	0.832775786	
<i>snail + twist</i>	CG3655	FBgn0040397	CG3655	0.791475081	Yes
<i>snail + twist</i>	dally	FBgn0263930	CG4974	0.76164443	Yes
<i>snail + twist</i>	CG10063	FBgn0035727	CG10063	0.74594449	
<i>snail + twist</i>	pirk	FBgn0034647	CG15678	0.72244173	
<i>snail + twist</i>	Mmp1	FBgn0035049	CG4859	0.683808515	
<i>snail + twist</i>	CG30089	FBgn0050089	CG30089	0.663719984	Yes
<i>snail + twist</i>	Tret1-2	FBgn0033644	CG8234	0.633645809	
<i>snail + twist</i>	CG6406	FBgn0034269	CG6406	0.629092946	
<i>snail + twist</i>	Nrg	FBgn0264975	CG1634	0.621009959	
<i>snail + twist</i>	MtnA	FBgn0002868	CG9470	0.603007772	
<i>snail + twist</i>	CG6424	FBgn0028494	CG6424	0.547328703	Yes
<i>snail + twist</i>	fan	FBgn0028379	CG7919	0.540930068	
<i>snail + twist</i>	CG33116	FBgn0053116	CG33116	0.538053255	
<i>snail + twist</i>	Socs36E	FBgn0041184	CG15154	0.529432354	
<i>snail + twist</i>	CG42806	FBgn0261975	CG42806	0.518779062	
<i>snail + twist</i>	Thor	FBgn0261560	CG8846	0.510243144	Yes
<i>snail + twist</i>	CG10383	FBgn0032699	CG10383	0.499216614	
<i>snail + twist</i>	cv-c	FBgn0086901	CG34389	0.462986411	Yes
<i>snail + twist</i>	Lk6	FBgn0017581	CG17342	0.455326652	
<i>snail + twist</i>	vri	FBgn0016076	CG14029	0.450187221	Yes
<i>snail + twist</i>	CG6199	FBgn0036147	CG6199	0.444258864	
<i>snail + twist</i>	Pax	FBgn0041789	CG31794	0.434728698	Yes
<i>snail + twist</i>	Treh	FBgn0003748	CG9364	0.43307025	
<i>snail + twist</i>	Rcd5	FBgn0263832	CG1135	0.412392851	
<i>snail + twist</i>	Hsc70-3	FBgn0001218	CG4147	0.364419757	
<i>snail + twist</i>	Cct1	FBgn0041342	CG1049	0.352345712	Yes
<i>snail + twist</i>	CG8801	FBgn0028473	CG8801	0.346977902	
<i>snail + twist</i>	CG12030	FBgn0035147	CG12030	-0.337722248	
<i>snail + twist</i>	CG42668	FBgn0261550	CG42668	-0.371017471	
<i>snail + twist</i>	SelD	FBgn0261270	CG8553	-0.388574036	
<i>snail + twist</i>	CG32425	FBgn0052425	CG32425	-0.41109005	
<i>snail + twist</i>	CG10859	FBgn0032520	CG10859	-0.448912683	
<i>snail + twist</i>	Hexo2	FBgn0041629	CG1787	-0.451942388	
<i>snail + twist</i>	CG11655	FBgn0030638	CG11655	-0.484949774	Yes

<i>snail + twist</i>	Act42A	FBgn0000043	CG12051	-0.487886336	
<i>snail + twist</i>	bys	FBgn0010292	CG1430	-0.489682006	
<i>snail + twist</i>	Lac	FBgn0010238	CG12369	-0.499941833	Yes
<i>snail + twist</i>	CG11255	FBgn0036337	CG11255	-0.50131699	
<i>snail + twist</i>	CG8547	FBgn0033919	CG8547	-0.56360757	
<i>snail + twist</i>	CG31075	FBgn0051075	CG31075	-0.566316576	
<i>snail + twist</i>	Mec2	FBgn0030993	CG7635	-0.597205703	
<i>snail + twist</i>	CG6126	FBgn0038407	CG6126	-0.602223793	
<i>snail + twist</i>	CG14629	FBgn0040398	CG14629	-0.631561894	
<i>snail + twist</i>	CG14523	FBgn0039612	CG14523	-0.639535295	
<i>snail + twist</i>	CG33926	FBgn0053926	CG33926	-0.645770184	
<i>snail + twist</i>	Cp1	FBgn0013770	CG6692	-0.726536661	
<i>snail + twist</i>	aru	FBgn0029095	CG4276	-0.85067735	Yes
<i>snail + twist</i>	CG6805	FBgn0034179	CG6805	-0.859840601	
<i>snail + twist</i>	CG3091	FBgn0029608	CG3091	-0.935473524	
<i>snail + twist</i>	BM-40-SPARC	FBgn0026562	CG6378	-0.954289606	
<i>snail + twist</i>	Ugt35a	FBgn0026315	CG6644	-0.954880883	
<i>snail + twist</i>	CG6206	FBgn0027611	CG6206	-1.137715698	
<i>snail + twist</i>	CG16758	FBgn0035348	CG16758	-Inf	
<i>snail + twist</i>	CG40472	FBgn0085736	CG40472	-Inf	