Up in Smurfs

				RU0	RU10			RU50			RU100			RU200		
gene	line	stock	temporal control	ML	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval
dmrt93B KD	27657	Bloomington	adulthood	76.90	79.92	3.93	9.3e-01	78.12	1.58	4.6e-01	75.85	-1.38	8.1e-02	76.78	-0.16	2.3e-01
dmrt93B KD	27657	Bloomington	development & adulthood	78.99	78.48	-0.65	8.7e-01	76.12	-3.64	1.5e-01	77.61	-1.74	3.8e-01	77.55	-1.83	6.4e-01
dmrt93B OX	F000445	FlyORF	adulthood	81.05	77.50	-4.38	7.1e-05	70.67	-12.80	1.6e-17	64.79	-20.06	2.6e-30	63.20	-22.02	4.8e-34
dmrt93B OX	F000445	FlyORF	adulthood & development	90.90	83.57	-8.06	7.1e-10	67.34	-25.91	2.9e-47	NA	NA	NA	NA	NA	NA
Ets21c KD	39069	Bloomington	adulthood	86.22	61.97	-28.13	1.9e-57	46.36	-46.23	2.1e-66	54.85	-36.39	1.9e-53	47.76	-44.61	3.2e-69
Ets21c KD	39069	Bloomington	development & adulthood	84.23	38.85	-53.87	5.2e-69	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ets21C OX	F000624	FlyORF	adulthood	87.44	46.16	-47.21	2.6e-71	43.93	-49.76	6.7e-72	41.29	-52.78	1.7e-72	41.05	-53.05	1.1e-71
Ets21C OX	F000624	FlyORF	adulthood & development	89.39	46.55	-47.93	1.7e-69	40.19	-55.04	5.5e-71	41.54	-53.52	2.4e-70	41.97	-53.05	8.0e-71
Hey KD	41650	Bloomington	adulthood	86.17	84.78	-1.62	6.4e-01	82.70	-4.04	9.4e-04	85.68	-0.57	3.4e-01	83.08	-3.59	8.9e-02
Hey KD	41650	Bloomington	development & adulthood	77.76	80.72	3.81	4.9e-01	83.39	7.24	6.8e-03	80.99	4.15	1.5e-02	79.11	1.74	2.8e-01
kay KD	27722	Bloomington	adulthood	83.94	64.21	-23.51	1.9e-31	36.96	-55.97	9.4e-58	39.84	-52.53	4.7e-39	34.52	-58.87	9.4e-54
kay KD	27722	Bloomington	development & adulthood	74.74	60.74	-18.73	5.5e-12	46.46	-37.84	4.8e-23	55.78	-25.37	5.9e-04	25.53	-65.84	2.3e-18
Mef2 KD	28699	Bloomington	adulthood	83.57	77.05	-7.80	5.3e-02	63.66	-23.82	1.3e-08	59.73	-28.53	1.1e-09	47.74	-42.87	6.7e-16
Mef2 KD	28699	Bloomington	development & adulthood	85.70	83.98	-2.01	1.3e-01	70.99	-17.17	1.7e-03	67.45	-21.30	9.0e-09	56.81	-33.71	4.3e-18
rib KD	50682	Bloomington	adulthood	84.91	84.24	-0.79	7.1e-03	74.19	-12.63	2.1e-17	72.46	-14.66	3.6e-32	71.51	-15.78	5.1e-38
rib KD	50682	Bloomington	development & adulthood	77.70	82.11	5.68	8.0e-02	72.39	-6.83	3.2e-07	73.55	-5.34	4.3e-10	71.06	-8.54	7.5e-17

Down in Smurfs

				RU0	RU10			RU50			RU100			RU200		
gene	line	stock	temporal control	ML	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval
Ets96B KD	31935	Bloomington	adulthood	78.71	74.87	-4.87	1.4e-03	76.10	-3.31	1.5e-01	77.63	-1.37	8.5e-01	83.90	6.61	6.4e-15
Ets96B KD	31935	Bloomington	adulthood & development	79.70	78.59	-1.39	8.6e-02	73.22	-8.14	8.9e-04	71.02	-10.89	5.2e-03	84.03	5.44	1.3e-05
Ets96B OX	F000142	FlyORF	adulthood	88.50	86.82	-1.90	3.9e-05	86.20	-2.60	2.0e-03	87.33	-1.33	3.7e-03	89.36	0.98	5.2e-01
Ets96B OX	F000142	FlyORF	adulthood & development	86.35	79.11	-8.39	3.9e-08	74.65	-13.55	2.6e-12	80.56	-6.71	7.5e-06	84.64	-1.98	7.7e-03

Regulating genes up in Smurfs

				RU0	RU10			RU50			RU100			RU200		
gene	line	stock	temporal control	ML	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval
Adf1 KD	4278	VDRC	adulthood	70.50	75.80	7.57	4.3e-02	72.80	3.25	7.3e-01	71.80	1.81	9.7e-01	72.90	3.39	6.0e-02
Adf1 KD	4278	VDRC	development&adulthood	74.90	80.60	7.52	5.1e-05	74.30	-0.85	4.4e-01	67.30	-10.17	3.5e-03	65.40	-12.75	1.6e-02
Aef1 KD	80390	Bloomington	adulthood	89.64	84.20	-6.07	7.6e-09	80.61	-10.07	9.8e-31	79.41	-11.41	7.0e-33	75.33	-15.97	2.8e-44
Aef1 KD	80390	Bloomington	development & adulthood	82.93	80.87	-2.49	5.1e-03	79.33	-4.35	4.3e-07	75.70	-8.72	1.9e-20	76.87	-7.31	4.2e-17
CG4360 KD	51813	Bloomington	adulthood	75.69	81.20	7.28	4.0e-03	76.16	0.63	3.7e-01	81.16	7.22	6.6e-01	76.27	0.77	3.6e-03
CG4360 KD	51813	Bloomington	adulthood & development	84.82	86.61	2.11	3.2e-01	84.67	-0.18	1.5e-02	87.47	3.12	1.7e-02	84.71	-0.13	2.4e-04
CG4360 OX	F00063	FlyORF	adulthood	81.87	87.03	6.29	3.4e-08	81.78	-0.11	3.0e-03	84.87	3.66	9.4e-09	84.62	3.35	4.9e-07
CG4360 OX	F00063	FlyORF	adulthood & development	83.30	82.24	-1.27	6.8e-01	80.86	-2.92	1.3e-01	58.51	-29.76	8.3e-07	76.19	-8.53	2.8e-01
FoxP KD	26774	Bloomington	adulthood	84.00	77.03	-8.29	5.9e-06	77.97	-7.18	6.1e-07	79.45	-5.42	4.3e-03	80.02	-4.74	9.3e-06
FoxP KD	26774	Bloomington	adulthood & development	78.68	75.94	-3.48	1.0e-02	82.81	5.26	2.7e-01	80.53	2.35	7.3e-01	83.02	5.52	4.4e-02
Hsf KD	41581	Bloomington	adulthood	68.20	62.00	-9.03	6.1e-04	72.70	6.53	2.3e-01	72.50	6.35	6.0e-01	71.10	4.26	9.2e-01
Hsf KD	41581	Bloomington	development&adulthood	65.30	59.60	-8.72	1.1e-02	62.70	-4.06	8.5e-01	57.80	-11.51	1.2e-01	56.00	-14.24	3.4e-05
Hsf OX	F000699	FlyORF	adulthood	86.31	81.64	-5.41	2.6e-06	83.53	-3.21	1.8e-01	83.47	-3.29	3.6e-01	83.66	-3.07	1.1e-03
Hsf OX	F000699	FlyORF	adulthood & development	76.68	76.25	-0.57	8.2e-01	84.61	10.33	1.6e-09	82.57	7.68	7.0e-06	78.95	2.96	1.6e-01
Trl KD	41852	Bloomington	adulthood	78.07	79.75	2.16	2.1e-01	81.90	4.91	7.8e-03	85.51	9.53	8.4e-09	82.38	5.53	8.4e-07
Trl KD	41852	Bloomington	adulthood & development	78.11	73.33	-6.12	8.6e-03	74.95	-4.05	1.3e-01	77.38	-0.93	5.0e-01	77.66	-0.57	8.0e-01

Regulating TFs down in Smurfs

				RU0	RU10			RU50			RU100			RU200		
gene	line	stock	temporal control	ML	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval	ML	% effect	pval
GATAd KD	34625	Bloomington	adulthood	75.84	79.72	5.11	2.4e-01	69.53	-8.33	3.3e-12	71.54	-5.67	1.2e-10	70.95	-6.45	1.7e-06
GATAd KD	F000714	FlyORF	adulthood	85.84	75.95	-11.52	3.8e-17	75.45	-12.10	1.6e-22	68.40	-20.32	3.1e-36	56.62	-34.04	1.2e-59
GATAd KD	34625	Bloomington	adulthood & development	73.26	73.35	0.12	3.3e-02	59.41	-18.90	2.4e-24	65.21	-10.98	8.8e-15	61.22	-16.44	1.8e-22
GATAd KD	F000714	FlyORF	adulthood & development	85.43	59.73	-30.08	1.7e-20	47.07	-44.90	7.8e-64	51.62	-39.57	5.2e-64	54.58	-36.11	1.1e-64
GATAe KD	33748	Bloomington	adulthood	82.43	50.08	-39.25	2.3e-54	46.04	-44.15	6.2e-56	48.30	-41.40	1.0e-49	48.97	-40.60	4.2e-60
GATAe KD	33748	Bloomington	adulthood & development	76.34	46.33	-39.31	7.6e-41	34.48	-54.83	9.1e-53	35.75	-53.17	6.5e-58	33.83	-55.68	7.0e-54
NFyB OX	F001895	FlyORF	adulthood	84.91	84.36	-0.64	2.1e-03	87.36	2.89	5.3e-01	86.12	1.43	3.9e-01	76.09	-10.39	8.4e-18
NFyB OX	F001895	FlyORF	adulthood & development	84.58	77.91	-7.88	4.1e-02	66.81	-21.01	2.0e-30	80.21	-5.16	1.3e-01	76.77	-9.23	4.1e-04
srp KD	28606	Bloomington	adulthood	83.03	82.19	-1.02	2.3e-01	83.89	1.03	3.5e-02	78.39	-5.59	6.9e-03	83.95	1.11	7.7e-01
srp KD	28606	Bloomington	adulthood & development	77.71	74.79	-3.76	1.1e-01	74.98	-3.52	6.8e-01	72.81	-6.31	1.7e-03	77.25	-0.60	2.4e-01
srp OX	F000720	FlyORF	adulthood	77.37	68.84	-11.03	2.0e-21	54.09	-30.09	5.7e-50	44.62	-42.33	9.9e-53	33.56	-56.62	2.0e-58
srp OX	F000720	FlyORF	adulthood & development	71.55	60.85	-14.96	8.7e-10	4.08	-94.29	6.9e-32	9.33	-86.96	9.0e-35	6.18	-91.36	1.8e-32