

Table S5: Chromosome distribution of Up in Deficient DEGs

			Expected	Chi ²	p-value
1	1439	24	29.95	1.264	0.2609
2	1630	40	33.93	1.172	0.279
3	1178	14	24.52	4.766	0.029
4	1290	30	26.85	0.392	0.5311
5	1499	38	31.20	1.589	0.2074
6	1145	18	23.83	1.504	0.2201
7	1750	40	36.43	0.381	0.5372
8	1116	21	23.23	0.225	0.6351
9	1281	28	26.66	0.071	0.7898
10	1039	18	21.63	0.638	0.4245
11	1592	48	33.14	7.181	0.0074
12	901	24	18.75	1.529	0.2162
13	940	31	19.57	6.977	0.0083
14	764	10	15.90	2.269	0.132
15	825	14	17.17	0.609	0.4353
16	655	9	13.63	1.623	0.2027
17	1056	19	21.98	0.424	0.5148
18	571	12	11.89	0.001	0.9731
19	673	16	14.01	0.292	0.5889
X	900	9	18.73	5.268	0.0217