

Table 2. Dataset of evolutionary, expression, miRNA-based regulation and structural information on gene families.

A. *A. thaliana*

Family Name	family size	expression correlation	miRNA target coincidence	packing deficiency
SBP-box family of putative plant transcription factors	15	0.670093838	0.7778	30

B. *C. elegans*

Ensembl ID	family size	expression correlation	miRNA-target coincidence	packing deficiency
>ENSF00000000175	9	0.394917064	0.080876436	33.265
>ENSF00000000885	3	0.735446116	0	36.9
>ENSF000000007563	23	0.9668502	0.022043336	32.15
>ENSF000000001177	36	0.492213246	0.048520558	28.99

C. *D. melanogaster*

Ensembl ID	family size	expression correlation	miRNA-target coincidence	packing deficiency
>ENSF000000000652	2	0.729974352	0.21821789	47.84754
>ENSF000000000161	4	0.593430565	0	42.321365
>ENSF000000001428	2	0.579167738	0.356348323	44.65471
>ENSF000000000564	5	0.499661107	0.061113233	39.8265
>ENSF000000000345	2	0.337556332	0	41.16972
>ENSF000000000383	6	0.333642664	0.075592895	43.2656
>ENSF000000015594	7	0.300086206	0.044194174	38.18477
>ENSF000000000294	16	0.267787407	0	32.06437
>ENSF000000000897	13	0.25390384	0.060096556	31.1949375
>ENSF000000002611	5	0.22191241	0	39.543475
>ENSF000000007512	13	0.210889887	0.016666667	33.9651

>ENSF000000000052	11	0.123668979	0.081117012	37.16785
>ENSF000000000017	9	0.067664985	0.152804015	28.96435
>ENSF000000000216	4	0.049428473	0.05143445	37.65
>ENSF000000002182	2	0.049056429	0	43.6518
>ENSF000000001248	4	0.030686422	0.045643546	40.18428
>ENSF000000001617	2	0.009955558	0	40.67584