Table 4. A summary of RNAi knockdown of the top 20 gene candidates in worms expressing Q82::GFP + TOR-2 in body wall muscle cells

C. elegans gene ID of targeted gene	Average number $\pm$ SD of aggregates per worm*[†]
None (Q82::GFP + TOR-2)	35.3 $\pm$ 5.5
B0432.2 (*djr-1.1*)	38.6 $\pm$ 6.1
T05C3.5 (*dnj-19*)	34.5 $\pm$ 5.5
C35D10.2	35.8 $\pm$ 6.7
C54H2.5 (*sft-4*)	35.7 $\pm$ 4.9
EEED8.9 (*pink-1*)	37.3 $\pm$ 7.6
F11H8.1 (*rfl-1*)	35.9 $\pm$ 7.4
F16A11.2	39.2 $\pm$ 7.2
F26E4.11 (*hrdl-1*)	38.1 $\pm$ 5.3
F32A6.3 (*vps-41*)	37.8 $\pm$ 7.0
F48E3.7 (*acr-22*)	36.4 $\pm$ 8.7
F55A4.1	35.6 $\pm$ 6.2
F57B10.5	36.2 $\pm$ 6.2
F59F4.1	36.2 $\pm$ 5.8
K11G12.4 (*smf-1*)	37.4 $\pm$ 4.2
M7.5 (*atgr-7*)	38.5 $\pm$ 5.2
R05D11.6	36.4 $\pm$ 6.6
T07F12.4	36.1 $\pm$ 5.7
T08D2.4	37.9 $\pm$ 4.4
T13A10.2	36.1 $\pm$ 6.0
Y37A1B.13 (*tor-2*)	52.0 $\pm$ 9.9 ($P < 0.01$)[†]

*Two separate RNAi experiments were performed for each gene target (n = 20 for each RNAi round).

[†]Knockdown of *tor-2* resulted in a significant increase in aggregate number, whereas the depletion of other gene products did not enhance aggregation.