

**Identification of genes interacting with *rnt-1* through large-scale RNAi screening in *Caenorhabditis elegans***

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**Table S1** The list of genes that were selected with the keyword of ‘exploded through vulva’ and have putative *rnt-1* binding sequences in their promoter regions.

Gene Name	RNT-1 binding sites from ATG	Description
<i>spd-1</i>	-1695	Protein regulator of cytokinesis 1 isoform 3
<i>mek-2</i>	-469, -599	Dual specificity mitogen-activated protein kinase kinase 2
<i>cogc-1</i>	-538	Conserved oligomeric Golgi complex subunit 1
Y47G6A.9	-282, -798	DNA-directed RNA polymerase III subunit RPC7
<i>inx-12</i>	-1362	Innexin
R12E2.2	-214	Chromosome 1 open reading frame 9, isoform CRA_b
Y110A7A.8	-1266, -1932	Isoform 1 of U4/U6 small nuclear ribonucleoprotein Prp31
F48C1.4	-526	
T08B2.8	-286, -1495	39S ribosomal protein L23, mitochondrial
<i>san-1</i>	-1352	Mitotic checkpoint serine/threonine-protein kinase BUB1
<i>rab-10</i>	-1033	Ras-related protein Rab-10
<i>unc-37</i>	-1541, -1634	Transducin-like enhancer protein 1
<i>teg-4</i>	-198	Isoform 1 of Splicing factor 3B subunit 3
H27M09.1	-235	DEAD-box protein abstract variant (Fragment)
C30F12.1	-11	Ribonuclease Zc3h12a-like
<i>unc-120</i>	-1716	Serum response factor
<i>hsr-9</i>	-183	Isoform 1 of Tumor suppressor p53-binding protein 1
<i>ned-8</i>	-1027	NEDD8
<i>ubc-25</i>	-726, -1812	Isoform 1 of Ubiquitin-conjugating enzyme E2 Q2
<i>wve-1</i>	-1656	Wiskott-Aldrich syndrome protein family member 3
F33H2.5	-374, -505, -1697	DNA polymerase epsilon catalytic subunit A
F09D1.1	-928	U4/U6.U5 tri-snRNP-associated protein 2
Y49F6B.2	-429	Deoxynucleotidyltransferase terminal-interacting protein 2
<i>cyh-1</i>	-616	Cyclin-H
<i>fkf-6</i>	-831	Isoform 1 of Forkhead box protein I1
<i>dsh-2</i>	-245, -1811	Segment polarity protein dishevelled homolog DVL-2
<i>dmd-5</i>	-1411	Doublesex- and mab-3-related transcription factor A1
<i>fbf-2</i>	-471, -1185	Isoform 1 of Pumilio homolog 1
<i>wrn-1</i>	-572	Werner syndrome ATP-dependent helicase
<i>cul-4</i>	-1091, -1284, -1713	Isoform 2 of Cullin-4A
F37B12.1	-1453	
<i>pax-3</i>	-1761	Isoform 3 of Paired box protein Pax-4
Y19D2B.1	-908	Tubulin alpha-1C chain
<i>npp-3</i>	-514, -640	Nuclear pore complex protein Nup205
<i>arp-1</i>	-1650	Alpha-centractin
Y53G8AR.9	-1112, -1203	Zinc finger CCCH domain-containing protein 10
<i>cri-3</i>	-1725	Complement component 1 Q subcomponent-binding protein,
T02C12.2	-1926	snRNA-activating protein complex subunit 3
<i>rnr-2</i>	-1297	Isoform 1 of Ribonucleoside-diphosphate reductase subunit
R144.11	-644	
<i>paa-1</i>	-648	Serine/threonine-protein phosphatase 2A 65 kDa regulatory
<i>abi-1</i>	-1368	Isoform 1 of Abl interactor 1
<i>dlc-1</i>	-1833	Dynein light chain 2, cytoplasmic
<i>let-765</i>	-734	Strawberry notch homolog 1
<i>isw-1</i>	-955, -1555	Isoform 2 of Probable global transcription activator SNF2L1
<i>acs-4</i>	-1499	Isoform Long of Long-chain-fatty-acid--CoA ligase 4
<i>mdt-30</i>	-1316	Replication factor C subunit 5 isoform 3
<i>sas-4</i>	-105, -459	Isoform 3 of Filamin-A-interacting protein 1
R08D7.1	-484	Isoform 2 of BUD13 homolog
<i>cls-2</i>	-1641	Isoform 1 of CLIP-associating protein 1
<i>ina-1</i>	-1604	Isoform Alpha-6X1A of Integrin alpha-6
ZK1128.3	-520, -729	
D2045.9	-697	Procollagen galactosyltransferase 2
<i>col-92</i>	-1269, -1619, -1802	Collagen alpha-1(I) chain
<i>pqn-84</i>	-334	Isoform 7 of Dermokine
M57.2	-818	Geranylgeranyl transferase type-2 subunit alpha
<i>arp-11</i>	-62	
D2096.8	-1655	Nucleosome assembly protein 1-like 1
D1046.2	-1134	
<i>dcaf-1</i>	-1098	Isoform 1 of Protein VPRBP

<i>mtr-4</i>	-1082	Superkiller viralicidic activity 2-like 2
T11G6.8	-459	Isoform 1 of Pre-mRNA-splicing factor RBM22
<i>mep-1</i>	-771	Zinc finger, C2H2-type
<i>ent-1</i>	-1675	Isoform 1 of Equilibrative nucleoside transporter 3
<i>col-133</i>	-397	Collagen alpha-1(I) chain
<i>sfa-1</i>	-917	Isoform 1 of Splicing factor 1
ZK550.4	-1166	General transcription factor IIE subunit 1
<i>dnj-22</i>	-431, -1202	DnaJ homolog subfamily C member 17
<i>ehbp-1</i>	-770	Isoform 2 of EH domain-binding protein 1
<i>cash-1</i>	-1646	Isoform Beta of Striatin-3
<i>syx-5</i>	-179, -596, -629, -1057	Isoform 1 of Syntaxin-5
F43D2.1	-518	Isoform 1 of Cyclin-K
<i>prmt-1</i>	-270	protein arginine N-methyltransferase 1 isoform 1
<i>sft-4</i>	-1358	Surfeit 4
<i>dpy-22</i>	-1980	Mediator of RNA polymerase II transcription subunit 12
F41E7.1	-1055	Isoform 1 of Sodium/hydrogen exchanger-like domain-
<i>ain-1</i>	-1008, -1920	Isoform 7 of Dermokine
<i>osm-11</i>	-372, -869	
<i>hlh-28</i>	-310, -1362	Helix-loop-helix DNA-binding domain, bHLH)

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