

Human ZNF548 isoform 1 (NM_001172773.2/NP_001166244.1)
Annotated Conceptual Translation

gggacttccgcccgtcctcctggtggtggtcggttttgggttctgtgtggtggtttcaccact 60
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ctcggttcccaccacggagagggcgggagtgagtcaactgacaagcgtggggacagtggc 180
gtccttgtccttgcctttgtcgctcccgcctcctcctggctgggctggcgaggcc 240
ttgctgatgaacctgactgaggggtcccctggcgatggcagaaatggaccctacacagggc 300 ex1|ex2 ex2|ex3
M N L T E G P L A M A E M D P T Q G 18 aa missing in isoform 2

cgtgtggtcctttgaggacgtggccatatatctcccaggaggagtgggggcaccttgat 360
R V V F E D V A I Y F S Q E E W G H L D 38 KRAB domain

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E A Q R L L Y R D V M L E N L A L L S S 58

ctaggttcttggcatggagctgaggatgaggaggcaccttcacagcaagggtttttctgta 480 ex3|ex4
L G S W H G A E D E E A P S Q Q G F S V 78

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G V S E V T A S K P C L S S Q K V H P S 98

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E T C G P P L K D I L C L V E H N G I H 118

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P E Q H I Y I C E A E L F Q H P K Q Q I 138

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H M A E E I F T C M E G W K D L P A T S 178

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C L L Q H Q G P Q S E W K P Y R D T E D 198

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 R Y} I S T {L I R H Q R I H] T G E R P Y E 378 Putative nucleic acid binding site

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 [C S V C G E L F R Y} N S {S L V K H W R N 398 ZNF7 ZNBS7 [IR7]

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 G K F F R Y} N S {N L I K H W R N H] T G E 458 Putative nucleic acid binding site

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 T M E K V Y H * 545

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tatggca[poly-A tail added here] 5040 poly-A site

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Key:

- []:** Internal repeat (IR)
- { }:** Zinc finger double domain (ZFDD)
- : C2H2 Zn finger (ZNF)
- C/H:** Zn binding site (ZNBS)