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FLESTEGAYPSEEXKLEMLRSDALRYLAVPYGSESEVEVYVSDPRKRREYRRLNRPXSHMLXEPBRYEELAES

 FLPNPSGFHPGEEVLGSMRLRADALRLLAVPVDETEQGVTVLTS DPRKRDPIDALIGRPVQLMLTRPRDIERLIEQ
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.....MTSSSSSSKKSRAVALRNYFSPFGNKL VAGCHVDAEQIRQAIVQVKKTGRSLPEELKAV
 FYPQGRGLGEEVLVQEGTLSRDQLREATQVQAREGKVKPLGEVITELGFASPDVDSALQKQNVGGGRLEDTLVQ.
 AYPQKNRLGEEVLVQEGKLSREALKEALEVQKGLPKAKPLGETLVELGLARPEDVEEALQKQRGGGRLEDTLVQ.
MLINLVAILRQAEILISATQEQAVVTQVSASGTSVPEALLE.
MHSNLSLIRQKGLLTFSEESLLEQVKASGISMPEALLS.
MLINLSTVLRQAGILTFSQEESSLLEQVKASGISMPEALLS.
MSVGLLRLLVQNQVVITVEQAEHYYNESQACKEVLPMLFS.
MALATEEYRLQGLGQLVLEKLLDKTKAIELHLKAAAEKISLLQYIVK.
MSAFTTPPKFSGFIRRLVEEGYVNAQNMQALEKAKKFKQDIVPYLID.
MSGLHTSPKFSGFIRRLVEDGHMSASTMQTATDTAKKTQQDIVGYLIE.
MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIE.

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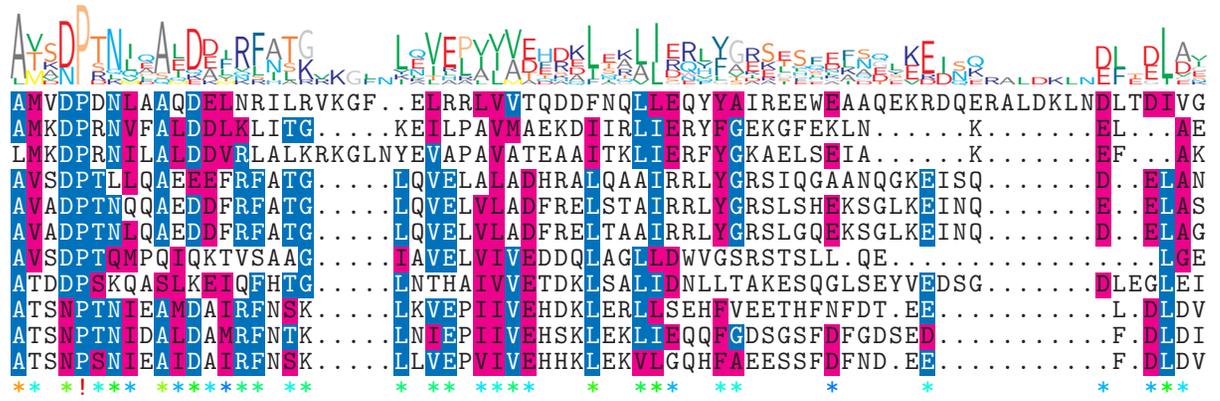
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 .SGKLRPEALAGA.....VATQLGYFYVDPEEDPPD....PGAPLTPEDLCRRYGFPHRLEG...NRLVL
 .LSIFHAQELTEQ.....LSHFGLPETDLSRYDYA....NLCCQLGLRELITRYDAPLAKQG...NL LLL
 .SGFFLSSELAEH.....LSSIFGLSQPELSQVEYA....SLCQQLGLRELITRHNAIPLHRTP...STLL
 .SGFFQSHELTEH.....LSSVFLSCTSLNQVEYA....SLCQTLGLRDLITRHNAIPLNRTS...STLL
 .DGVLSPKSLAAL.....IARVFSYSIIDLRYVPRH....RVLMGVLTETQMVETHCVPVFRRG...DKVFF
 .NKILSAEQIALT.....AAQNFQVPMLDINCIIVG....TIPVNLVNEKLIKRHAMVPLFSRG...TNLYL
 .NFSLSPLTAEI.....LSLEFGEPPLDILGVFDPA....LFLKDKIDKELIQKRYRIMPLVHRG...HVLVY
 .HHRLSQLTAEI.....LSAEFGEPIFDLAVFDTA....LLPRELADSKLIKHRVAPLIQRG...QILVY
 .EVHLSPSLLAET.....LSAEFAEPIYFDLDVYDTS....QIPKDLVDQKLLKHRITLPIQRG...QILVY

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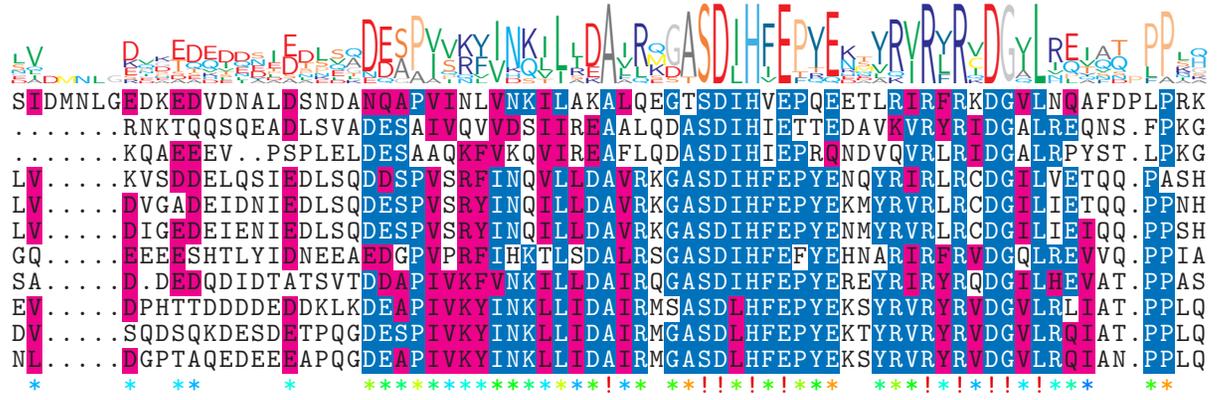
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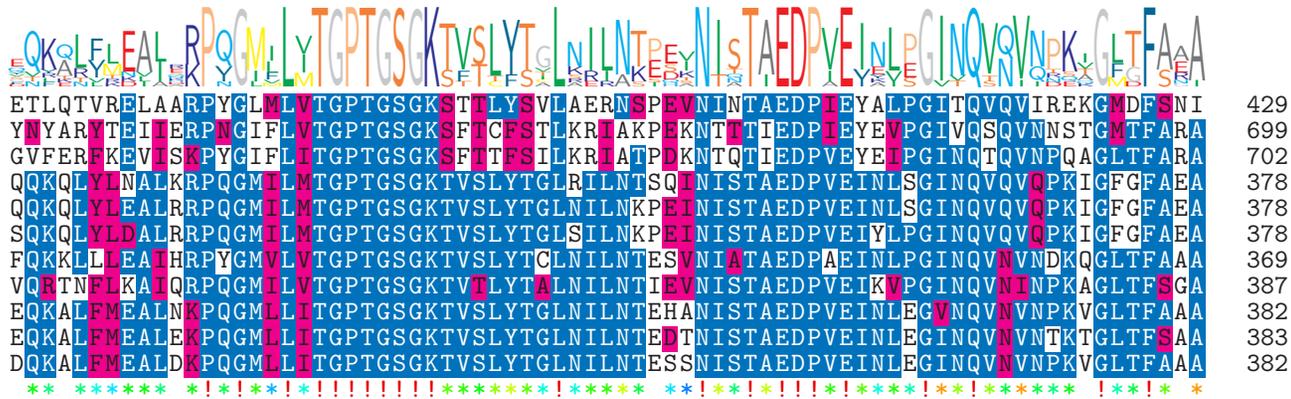
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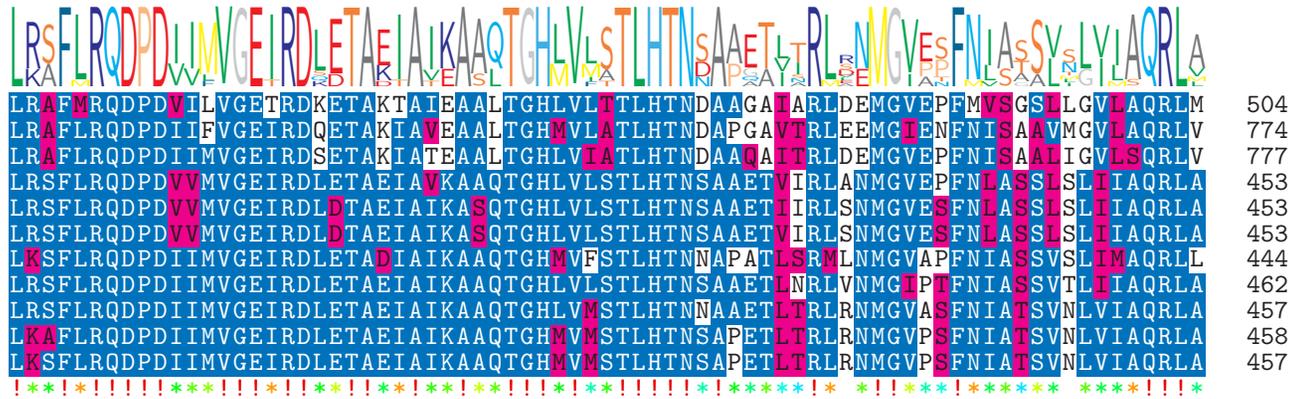
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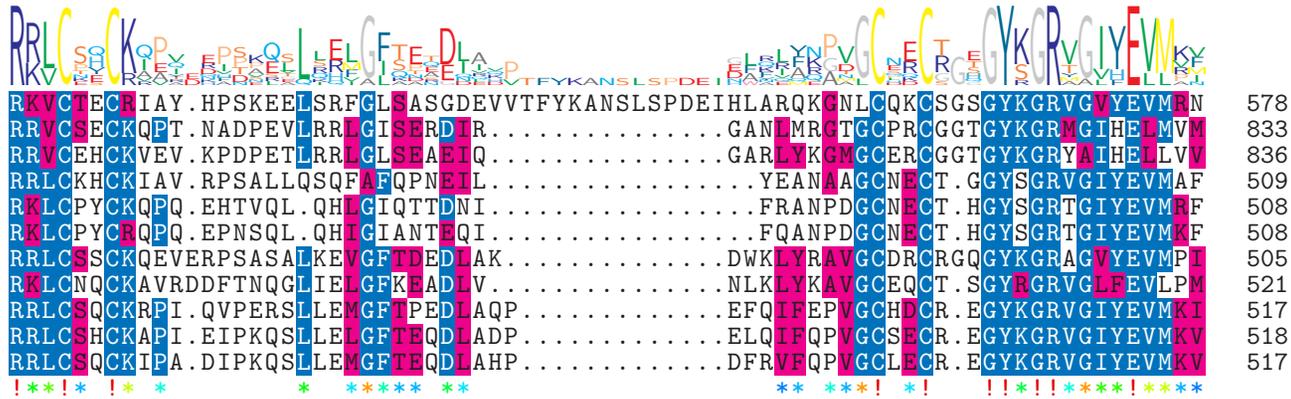
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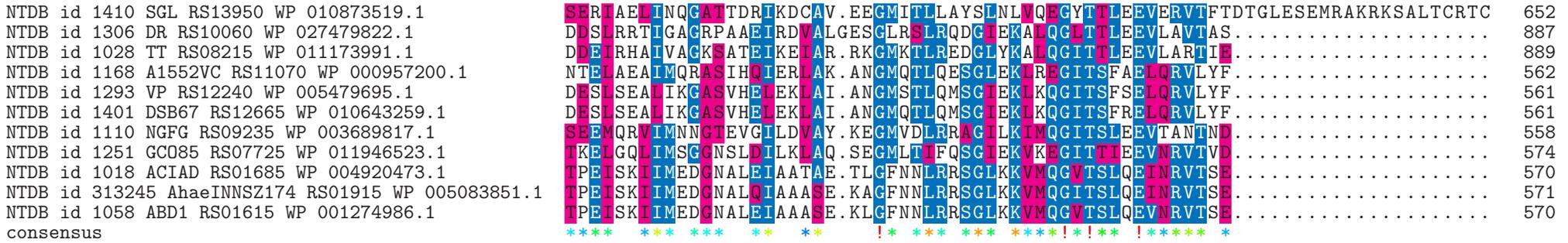


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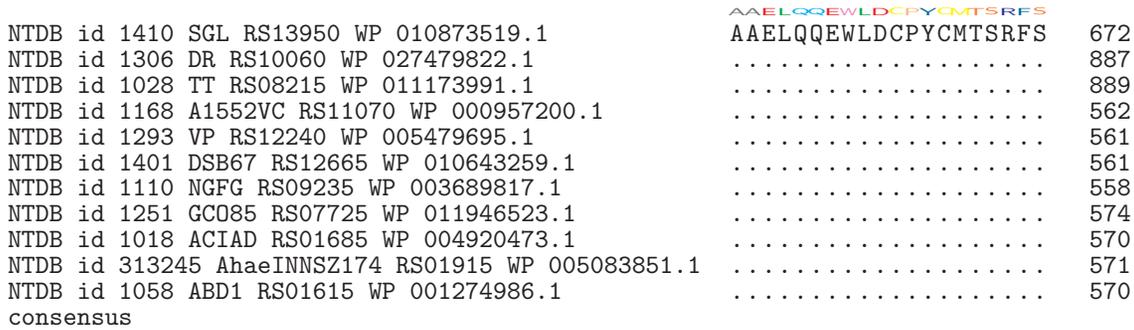
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 consensus



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X non conserved
X similar
X ≥ 50% conserved