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OsDL  ----MDLVSPSEHLCYVRCTYCNTVLA--VGVPCCKRLMDTVTVKCGHCNNLSFLSPRPP-MVQPLSPTD--
BdDL  MQQSSMDLVSPSEHLCYVRCTYCNTVLA--VGVPCCKRLMDTVTVKCGHCNNLSFLSPRPPPMVQPLSPNDHH
TaeDL-B  MQ--SMDLVSPSEHLCYVRCTYCNTVLA--VGVPCCKRLMDTVTVKCGHCNNLSFLSPRPPPMVQPLSPNDHH
TaeDL-A  MQ--SMDLVSPSEHLCYVRCTYCNTVLA--VGVPCCKRLMDTVTVKCGHCNNLSFLSPRPPPMVQPLSPNDHH
TaeDL-D  MQ--SMDLVSPSEHLCYVRCTYCNTVLA--VGVPCCKRLMDTVTVKCGHCNNLSFLSPRPPPMVQPLSPNDHH
HvDL  MQ--SMDLVSPSEHLCYVRCTYCNTVLA--VGVPCCKRLMDTVTVKCGHCNNLSFLSPRPPPMVQPLSPNDHH
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OsDL  HPLGPFQGPCTDCRRNQPLP-LVSPTSNEGSPRAPFVVKPPEKKHRLPSAYNRFMREEIQRIKAAKPDIPHR
BdDL  HPMGPFQG-CTDCRRNQPLPPLASPTSSDASPRAPFVVKPPEKKHRLPSAYNRFMREEIQRIKAAKPDIPHR
TaeDL-B  HPMGPFQG-CTDCRRNQPLPPLASPTSSDASPRAPFVVKPPEKKHRLPSAYNRFMREEIQRIKAAKPDIPHR
TaeDL-A  HPMGPFQG-CTDCRRNQPLPPLASPTSSDASPRAPFVVKPPEKKHRLPSAYNRFMREEIQRIKAAKPDIPHR
TaeDL-D  HPMGPFQG-CTDCRRNQPLPPLASPTSSDASPRAPFVVKPPEKKHRLPSAYNRFMREEIQRIKAAKPDIPHR
HvDL  HPMGPFQG-CTDCRRNQPLPPLASPTSSDASPRAPFVVKPPEKKHRLPSAYNRFMREEIQRIKAAKPDIPHR
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OsDL  EAFSMAAKNWAKCDPRCSSTVSTSNSEPR-VVAAPIPHQERANEQVVESFDIFKQMERST
BdDL  EAFSMAAKNWAKCDPRCSSTVSTSNSEPR-VVAAPIPHQERANEQVVESFDIFKQMERST
TaeDL-B  EAFSMAAKNWAKCDPRCSSTVSTSNSEPR-IVVPGPQLQERATEQVVESFDIFKQMERST
TaeDL-A  EAFSMAAKNWAKCDPRCSSTVSTSNSEPR-IVVPGPQLQERATEQVVESFDIFKQMERST
TaeDL-D  EAFSMAAKNWAKCDPRCSSTVSTSNSEPR-IVVPGPQLQERATEQVVESFDIFKQMERST
HvDL  EAFSMAAKNWAKCDPRCSSTVSTSNSEPR-IVVPGP--QERATEQVVESFDIFKQMERST
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S2 Fig. Alignment of DL and related protein sequences. Orthologs of rice DL (accession: Q76EJ0, OsDL) in *Brachypodium distachyon* (XP_010228969.1, BdDL), barley (BAK04901.1, HvDL), and the A-genome (306676_AA1011910.1, TaDL-A), B-genome (321049_AA1054410.1, TaDL-B) and D-genome of wheat (343031_AA1127860.1, TaDL-D) were aligned. Conserved amino acid residues are indicated by asterisks and the YABBY domain by the orange bar.