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      . . . . : * . . . . : : : . *
At5g47040 VVDETMLEKILGPPRFDDSEAADRVASAGVSVGLVWTTFGGEVQFVEATSMVG--KGEMLHTGQLGDVIKESAQLALTW
Os09g36300 IVDEAMLEKVLGPPRFDDSEAADRVASPGVSVGLVWTSFGGEVQFVEATAMVG--KGDHLHTGQLGDVIKESAQLALTW
At3g05780 MIDESNLADYVGKPVFQEEKIYEQTP-VGVVMGLAWTSMGGSTLYIETTFVEEGLGKGGHLITGQLGDMKESAQIAHTV
At3g05790 MIDESNLSDYVGKPVFQEEKIYEQTP-VGVVMGLAWTSMGGSTLYIETTFVEEGEGKGGHLITGRLGDMKESAQIAHTV
At5g26860 MIDESNLADYVGKPVFHAEKLYEQTP-VGVVMGLAWTSMGGSTLYIETTFVEEGEGKGGHLITGQLGDMKESAQIAHTV
Os03g19350 VVDASNLDNFVGKAVFQPERIYDQTP-VGVVMGLAWNAMGGSTLYIETAKVEDGEKKGALVVTGQLGDMKESAQIAHTI
Os07g48960 VIDSSNLGDYVGKPVFQAEKRIYEQTP-VGVVMGLAWTAMGGSTLYIETTKVEEGDGKGLVMTGQLGDMKESAQIAHTV
Os06g05820 VSGSPRNGEVVGIIPNR-----ADIIISVLMKQAG-----

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At5g47040 VRARASDFKLALAGDMNVLDGRDIHIHFPAGAVPKDGP[SAGVTLVLTALVSLFSQKRVRADTAMTGEMTLRGLVLPVGGIK
Os09g36300 VRARAADLNLSPTSDINLLESRDIIHIHFPAGAVPKDGP[SAGVTLVLTSLVSLFSHRKVRADTAMTGEMTLRGLVLPVGGVK
At3g05780 ARR----IMFEKEPENLFFANSKLHLHVPAGATPKDGP[SAGCTMITSFLSLAMKKLVKDLAMTGEVTLTGRILPIGGVK
At3g05790 ARR----IMLEKEPENKLFANSKLHLHVPAGATPKDGP[SAGCTMITSLLSLALKKPVKDLAMTGEVTLTGRILAIGGVK
At5g26860 ARK----IMLEKEPENQFFANSKLHLHVPAGATPKDGP[SAGCTMITSLLSLATKKPVKDLAMTGEVTLTGRILPIGGVK
Os03g19350 CRS----ILHEKEPNNTFFTKSKLHLHVPAGATPKDGP[SAGCTMVTSMLSLAMGKLVKDLAMTGEVTLTGRILPIGGVK
Os07g48960 GRA----ILLDKEPENLFFANSKVHLHVPAGSTPKDGP[SAGCTMITSMLSAMGKPVKDLAMTGEVTLTGRILPIGGVK
Os06g05820 -----LKLQDNAVFLNVVSGFMLTETAG-----[-DLAIAASICSSFLEYPIPNLIAFIGEVGLGGELRTVPRMD

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At5g47040 DKILAAHRYGIKRVILPQRNSKDLVEVPAAVLSSLEVILAKRMEDVLENAFEG
Os09g36300 DKVLAAHRYGIKRVILPERNMKDLAEVPAPILSGLEILLVKRIEEVLDHAFEG
At3g05780 EKTIAARRSQIKTIIFPEANRRDFEELAE NMKEGLDVHFVDEYEKIFDLAFNY
At3g05790 EKTIAARRSQVKVIIFPEANRRDFDELARNVKEGLEVHFVDEYEQIFELAFGY
At5g26860 EKTIAARRSQIKTIIFPEANRRDFDELAENVKEGLNVHFVDDYDKIFELAFGY
Os03g19350 EKTIAARRSGIKTIIFPAANRRDFDELAPNVKEGLEVHFVDKYSEIYDLAFPS
Os07g48960 EKTIAARRSAVKTIIVFAANKRDFDELAPNVKEGLEVHFVDYNEIFDIAFQS
Os06g05820 KRVLAIAKLGYYKCKVVPKTS-----EKLLRPLNLELEILPCSNLKEVINIVFRP

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