

A

630 : Type I



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rpt6 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVTGLPSGLDYTAE 60
rpt7 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVTGLPSGLDYTAE 60
rpt5 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVTGLPSGLDYTAE 60
rpt4 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVTGLPSGLDYTAE 60
rpt2 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVTGLPSGLDYTAE 60
rpt3 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGD IKANVEVTGLPSGLDYTAE 60
rpt9 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVIGLPSGLDYTAE 60
rpt8 GQLTFDATDKQIKMASGDKTVDPSSDDTYVLTTLTKGTAKDGDVKANVEVIGLPSGLDYTAE 60
rpt1 GQIKFSATDKQIKMASGDKTVDPSDNTYILKLTNGTVKGDVKANVKVAGLPSGLDYTAV 60
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rpt6 GDSSANTITITVSGTASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAPAI 120
rpt7 GDSSANTITITVSGTASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAPAI 120
rpt5 GDSSANTITITVSGTASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAPAI 120
rpt4 GDSSANTITITVSGTASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAPAI 120
rpt2 GDSSTNTITITVSR TASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAAPA 120
rpt3 GDSSANTITITVSGTASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAAPA 120
rpt9 GDSSANTITITVSGTASQAVQTDLDNISVLVKAGAVSETTATDSAANATFEVKKHASDPI 120
rpt8 GDSSANTITITVSGTASQAVQTDLDNVSVLVKAGAVSETTATDSAANATFEVKKYVAPAI 120
rpt1 GNRSANTITITVSGTASQSIQNDLNNVSVLVKAGAVSGTGATDSIANTTFEIKKYVAPAI 120
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B

R20352 : Type II



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rpt2 AVDKTALQDAVTAATALHAKATEGTAEGNYAVGSKATYKTAIDEAQAILDKSDATQKEVN 60
rpt3 AVDKTALQDAVTAATALHNGATEGTAEGNYAVGSKATYKTAIDEAQAILDKSDATQKEVN 60
rpt4 AVDKTALQDAVTAATALHNGATEGTAEGEYAVGSKATYKTAIDEAQAILDKSDATQKEVN 60
rpt6 -LNKTALQDAVTAATSLHAGATEGTAEGNYAVGSKATYKTAIDEAQAILDKTGATQKEID 59
rpt7 -LNKTALQDAVTAATSLHAGATEGTAEGNYAVGSKATYKTAIDEAQAILDKTGATQKEID 59
rpt8 -LNKTALQDAVTAATSLHAGATEGTAEGNYAVGSKATYKTAIDEAQAILDKADATQKEID 59
rpt5 AVDKTALQDAVTAATALHNGATEGTAEGNYAVGSKATYKTAIDEAQAILDKTGATQKEID 60
rpt1 KVDKVVLKNTIT AANKLYNEAIEGTNVGEYKVGSKAIYKTAIDKAQAILDKSGVTQKEVN 60
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rpt2 DALSALNTATETFEAGKV----- 79
rpt3 DALSALNTATETFEAGKV----- 79
rpt4 DALTALNTATETFEAGKV----- 79
rpt6 DALSALNTATDTFKAGKV----- 78
rpt7 DALSALNTATDTFKAGKV----- 78
rpt8 DAVTALNTATATFEAGKVP T TIALMLSRILGFMKLEA 96
rpt5 DALSALNTATDTFKAGKV----- 79
rpt1 DAVTALNTATDTFKAGKV----- 79
**.:***** **:* **

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C

CDKK167 : Type III



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rpt4 RTAIDTEQLAVQAEADKITSVTQPTQDATTLLTMP TVASGYTIKIKSSTNESVIAKDGTIV 60
rpt6 RTAIDTEQLAVQAEADKITSVTQPTQDATTLLTMP TVASGYTIKIKSSTNESVIAKDGTIV 60
rpt5 RTAIDTEQLAVQAEADKITSVTQPTQDATTLLTMP TVASGYTIKIKSSTNESVIAKDGTIV 60
rpt3 KSTDGEIQAEVQAEADKITSVTQPTQDATTLLTMP TVASGYTIKIKSSTNESVIAKDGTIV 60
rpt1 -----NQTSVNNEAAKITSVPTPAKDATRLTMP SVSSGYTIAIKTSSNESVIKKGDTII 54
rpt2 KSTDEELQAALDNEVAKITSVPAPAKDATKLTMP SVSSGYTIAIKTSSNKSVIKEDGTII 60
      *  :. *. *****. *.:*** *****:*.***** **:*.*:*** :****:

rpt4 PPDTETKVTLVFTVTHTS SGGKIADTGEIEVTVPA----- 94
rpt6 PPDTETKVTLVFTVTHTS SGGKTADTGEIEVTVPARTTVSLLGRIAVNIFNFKLEA 118
rpt5 PPDTETKVTLVFTVTHTS SGGKTADTGEIEVTVPA----- 94
rpt3 PPDTETKVTLVFTVTHTS SGGKTADTGEIEVTVPA----- 94
rpt1 PPNTATTVKLVFTVTHTS SGGKTADTKELSVTVPA----- 88
rpt2 PPNTEETVTLVFTVTHTS SGGKTADTGEIDVVVPA----- 94
      **:*. *.*****: ***** ** *:.*.***
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