

A2 MPFVNQFNYKDPVNGVDIAYIKIPNAGQMOPVKAFKIHNKIWIWIPERDTFTNPEEGDLN 60
A1 MPFVNQFNYKDPVNGVDIAYIKIPNAGQMOPVKAFKIHNKIWIWIPERDTFTNPEEGDLN 60
A6 MPFVNQFNYKDPVNGVDIAYIKIPNAGQMOPVKAFKIHNKIWIWIPERDTFTNPEEGDLN 60

A2 PPPEAKQVPVSYYDSTYLSTDNEKDNYLKGVTKLFERIYSTDILGRMLLTSIVRGIPFWGG 120
A1 PPPEAKQVPVSYYDSTYLSTDNEKDNYLKGVTKLFERIYSTDILGRMLLTSIVRGIPFWGG 120
A6 PPPEAKQVPVSYYDSTYLSTDNEKDNYLKGVTKLFERIYSTDILGRMLLTSIVRGIPFWGG 120

A2 STIDTELKVIDTNCINVIQPDGSYRSEELNLVIIGPSADIIQFECKSGHDVLNLTRNGY 180
A1 STIDTELKVIDTNCINVIQPDGSYRSEELNLVIIGPSADIIQFECKSGHEVLNLTRNGY 180
A6 STIDTELKVIDTNCINVIQPDGSYRSEELNLVIIGPSADIIQFECKSGHEVLNLTRNGY 180
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A2 GSTQYIRFSPDFTFGFEESLEVDTNPLLGAGKFATDAVTLAHELIHAEHRLYGIAINPN 240
A1 GSTQYIRFSPDFTFGFEESLEVDTNPLLGAGKFATDAVTLAHELIHAGRRLYGIAINPN 240
A6 GSTQYIRFSPDFTFGFEESLEVDTNPLLGAGKFATDAVTLAHELIHAGRRLYGIAINPN 240

A2 RVFKVNTNAYYEMSGLEVSFEELRTFGGHDAKFIDSQENEFRLYYNKFKDVASTLNKA 300
A1 RVFKVNTNAYYEMSGLEVSFEELRTFGGHDAKFIDSQENEFRLYYNKFKDIASTLNKA 300
A6 RVFKVNTNAYYEMSGLEVSFEELRTFGGHDAKFIDSQENEFRLYYNKFKDIASTLNKA 300
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A2 KSIIGTTASLQYMKNVKEKYLLSEDTSGKFSVDKLFDKLYKMLTEIYTEDNFVNFFKV 360
A1 KSIVGTTASLQYMKNVKEKYLLSEDTSGKFSVDKLFDKLYKMLTEIYTEDNFVKKFFKV 360
A6 KSIVGTTASLQYMKNVKEKYLLSEDTSGKFSVDKLFDKLYKMLTEIYTEDNFVKKFFKV 360
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A2 INRKTYLNFDKAVFRINIVPDENYTIKDGFLKGANLSTNFNGQNTINSRNFTLKNT 420
A1 LNRKTYLNFDKAVFKINIVPKVNYTIYDGFNLRNTLAAANFNGQNTINNMNFTKLKNFT 420
A6 LNRKTYLNFDKAVFKINIVPKVNYTIYDGFNLRNTLAAANFNGQNTINNMNFAKLKNFT 420
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A2 GLFEFYKLLCVRGIIPFKTKSLDEGYNKALNDLCKIVVNNWDLFFSPEDNFTNDLDKVEE 480
A1 GLFEFYKLLCVRGIITSKTKSLDKGYNKALNDLCKIVVNNWDLFFSPEDNFTNDLNKGEE 480
A6 GLFEFYKLLCVRGIITSKTKSLDKGYNKALNDLCKIVVNNWDLFFSPEDNFTNDLNKGEE 480
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A2 ITADTNIEAAEENISLDLIQQYLTDFDNEPENISIENLSSDIIGQLEPMPIERFPNG 540
A1 ITSDTNIEAAEENISLDLIQQYLTDFDNEPENISIENLSSDIIGQLEMPNIERFPNG 540
A6 ITSDTNIEAAEENISLDLIQQYLTDFDNEPENISIENLSSDIIGQLEMPNIERFPNG 540
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A2 KKYLEDKYTMFHYLRAQEFEHGDSRIILTNSAEALLKPNVAYTFFSSKYVKKINKAVEA 600
A1 KKYLEDKYTMFHYLRAQEFEHGKSRIALTNSVNEALLNPSRVYTFSSDYVKKVNKATEA 600
A6 KKYLEDKYTMFHYLSAQEFEHGKSRIDLTNSVNEALLNPSHVYTFSSDYVKKVNKATEA 600

A2 FMFLNWAEELVYDFTDETNEVTTMDKIADITIIVPYIGPALNIGNMLSKGEFVEAIIFTG 660
A1 AMFLGWVEQLVYDFTDETSEVSTTDKIADITIIIPYIGPALNIGNMLYKDDFVGALIFSG 660
A6 AMFLGWVEQLVYDFTDETSEVSTTDKIADITIIIPYIGPALNIGNMLYKDDFVGALIFSG 660
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A2 VVAMLEFIPEYALPVFGTFAIVSYIANVKLTQTIINNALSKRNEKWDEVYKYIVTNWLAK 720
A1 AVILLEFIPIAIAPVLGTFALVSYIANVKLTQTIIDNALSKRNEKWDEVYKYIVTNWLAK 720

A6 AVILLEFIPEIAIPVLGTFAIWSYIANKVLTQVTINNALSKRNEKWDEVYKVTWNWLAK 720
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A2 VNTQIDLIREKMKKALENQAEATKAIINYQYNQYTEEKNINFNIDDLSSKLNESINSA 780
A1 VNTQIDLIRKKMKEALENQAEATKAIINYQYNQYTEEKNINFNIDDLSSKLNESINKA 780
A6 VNTQIDLIREKMKKALENQAEATKAIINYQYNQYTEEKNINFNIDDLSSKLNESINSA 780
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A2 MININKFLDQCSVSYLMNSMIPAVKRLKDFDASVRDVLLKYIYDNRGTLVLQVDRLKDE 840
A1 MININKFLNQCSVSYLMNSMIPYGVKRLEDFDASLKALLKYIYDNRGTLIGQVDRLKDK 840
A6 MININKFLDQCSVSYLMNSMIPAVKRLKDFDASVRDVLLKYIYDNRGTLIGQVDRLKDK 840
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A2 VNNTLSADIPFQLSKYVDNKLLSTFTEYIKNIVNTSILSIVYKKDDLIDLRSRYGAKINI 900
A1 VNNTLSTDIPFQLSKYVDNQRLSTFTEYIKNIINTSILNLRYESNLHIDLRSRYASKINI 900
A6 VNNTLSTDIPFQLSKYVDNQRLSTFTEYIKNIINTSILSLRYENNHLIDLRSRYASKINI 900
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A2 GDRVYYDSIDKNQIKLINLESSTIEVILKNAIVYNSMYENFSTSFWIKIPKYFSKINLNN 960
A1 GSKVNFDPIDKNQIQLFNLESSKIEVILKNAIVYNSMYENFSTSFWIRIPKYFNSISLNN 960
A6 GSRVNFDPIDKNQIQLFNLESSKIEVILKNAIVYNSMYENFSTSFWIKIPKYFSEISLNN 960
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A2 EYTIINCENNNSGWKVSINYGEIIWTLQDNKQNIQRVVFKYSQMVNISDYINRWIFVTIT 1020
A1 EYTIINCENNNSGWKVSINYGEIIWTLQDTQEIKQRVVFKYSQMINISDYINRWIFVTIT 1020
A6 EYTIINCENNNSGWKVSINYGEIIWTLQDNKQNIQRVVFKYSQMAISDYINRWIFITIT 1020
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A2 NNRLTKSKIYIYINGRLIDQKPISNLGNIHASNKIMFKLDGCRDPRRYIMIKYFNLFDKELN 1080
A1 NNRLNNNSKIYIYINGRLIDQKPISNLGNIHASNNIMFKLDGCRDTHRYIWIKYFNLFDKELN 1080
A6 NNRLTKSKIYIYINGRLIDQKPISNLGNIHASNKIMFKLDGCRDPRRYIMIKYFNLFDKELN 1080
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A2 EKEIKDLYDSQSNSGILKDFWGNYLQYDKPYYMLNLDPNKYVDVNNIGIRGYMLKGPR 1140
A1 EKEIKDLYDNQSNSGILKDFWGDYLQYDKPYYMLNLDPNKYVDVNNVGIRGYMLKGPR 1140
A6 EKEIKDLYDSQSNSGILKDFWGNYLQYDKPYYMLNLDPNKYVDVNNVGIRGYMLKGSR 1140
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A2 GSVVTTNIYLNSTLYEGTKFIKKYASGNEDNIVRNNDRVYINVVKNKEYRLATNASQA 1200
A1 GSVMTTNIYLNSSLRYRGTKFIKKYASGNKDNIVRNNDRVYINVVKNKEYRLATNASQA 1200
A6 STLLTTNIYLNNSGLYMGTKFIKKYASGNKDNIVRNNDRVYINVVKNKEYRLATNASQA 1200
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A2 GVEKILSALEIPDVGNLSQVVVMKSQDDQGIRNKCKMNLQDNNNGNDIGFIGFHLYDNIK 1260
A1 GVEKILSALEIPDVGNLSQVVVMKSQNDQGITNKCKMNLQDNNNGNDIGFIGFHQFNNIAK 1260
A6 GVEKILSALEIPDIGNLSQVVVMKSQNDQGIRNKCKMNLQDNNNGNDIGFIGFHKFNDIYK 1260
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A2 LVASNWYNRQVGKASRTFGCSWEFIPVDDGWESSL 1296
A1 LVASNWYNRQIERSRTLGCSWEFIPVDDGWERPL 1296
A6 LVASNWYNRQIEISSRTFGCSWEFIPVDDGWEKPL 1296
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