

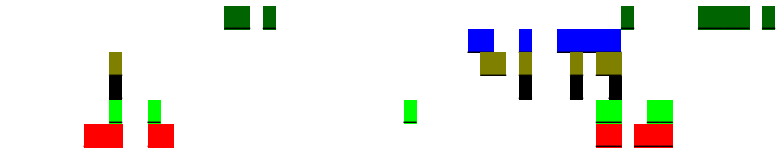
YP_009724390		TQSLIVNNATNVVIKVCEFQFCNDPFLGVYYHKNKSWMESEFRVYSSANNCTFEYVSQ	173
SP_P59594	SPIKE_CVHA	SQSVIIINNSTNVIRACNFELCDNPFFAVSKPMG----	166
TR_Q6UZF4	Q6UZF4_CVHA	SQSIIIVNNTNVIRACNFELCDNPFFAVSKPMG----	166
TR_Q6UFZ0	Q6UFZ0_CVHA	SQSVIIINNSTNVIRACNFELCDNPFFAVSKPMG----	166
TR_Q6JH46	Q6JH46_CVHA	SQSVIIINNSTNVIRACNFELCDNPFFAVSKPMG----	166
TR_Q69ZE4	Q69ZE4_CVHA	SQSIIIVNNTNVIRACNFELCDNPFFAVSKPMG----	166
SP_Q3LZX1	SPIKE_BCHK3	TQSAVINNSTHIIIRVCNFNLCKEPMYTFSR--G---	170
SP_Q3I5J5	SPIKE_BCRP3	TQSAVINNSTHIIIRVCNFNLCKEPMYTFSR--G---	170
SP_Q0Q475	SPIKE_BC279	TQSAIVNNSTHIIIRVCNFNLCKEPMYTFSK--G---	170
TR_R9QTAO	R9QTA0_CVHA	QSAAIVNNSTHILVKVCNVLCTEPMPTFSR--N---	168
TR_R9QTH3	R9QTH3_CVHA	TQSAIVNNSTHIIIRVCNFNLCKEPMYTFSR--G---	170
TR_A0A0K1Z074	A0A0K1Z074_CVHA	TQSAIVNNSTHIIIRVCYNFLCKDPMYTVA--G---	170
TR_A0A0U1WH16	A0A0U1WH16_CVHA	TQSAIVNNSTHIIIRVCYNFLCKDPMYTVA--G---	168
TR_A0A166ZL64	A0A166ZL64_9NIDO	TQSALLVNNGSAITIEVCYFQFCDNPAFIISG--G---	165
TR_A0A0U1UYX4	A0A0U1UYX4_CVHA	TQSALLVNNGSAITIEVCYFQFCDNPAFIIRD--G---	165

YP_009724390 PFLMDLEGK-QGNFKNLREFVFNKNDIDGYFKIYSKHTPINLVR----DLPQGFSALEPLVD 228
SP|P59594|SPIKE_CVHSA AFSLDVSEK-SGNFKHLREFVFNKNDGFLYVYKGYQPIDVVR----DLPSPGFNTLKPIFK 221
TR|Q6UZF4|Q6UZF4_CVHSA AFSLDVSEK-SGNFKHLREFVFNKNDGFLYVYKGYQPIDVVR----DLPSPGFNTLKPIFK 221
TR|Q6UZF0|Q6UZF0_CVHSA AFSLDVSEK-SGNFKHLREFVFNKNDGFLYVYKGYQPIDVVR----DLPSPGFNTLKPIFK 221
TR|Q6JH46|Q6JH46_CVHSA AFSLDVSEK-SGNFKHLREFVFNKNDGFLYVYKGYQPIDVVR----DLPSPGFNTLKPIFK 221
TR|Q692E4|Q692E4_CVHSA AFSLDVSEK-SGNFKHLREFVFNKNDGFLYVYKGYQPIDVVR----DLPSPGFNTLKPIFK 221
SP|Q3LZX1|SPIKE_BCHK3 SFQLDTPK-TGNFKDLREYVFNKRDGFLSVYQTYTAVNLPR----GLPTGFSVLKPILK 225
SP|Q3I5J5|SPIKE_BCRP3 SFQLDTAPK-TGNFKDLREYVFNKRDGFLSVYQTYTAVNLPR----GLPIGFSVLRPILK 225
SP|Q0Q475|SPIKE_BC279 SFQLDTAPK-TGNFKDLREYVFNKRDGFLSVYQTYTAVNLPR----GFPAGFSVLRPILK 225
TR|R9QTA0|R9QTA0_CVHSA SFQLDVSLKNNVNFQHLREFIFKNVDGFLKIYSSYEPINVVS----GIPSGFSVLKPVMS 224
TR|R9QTH3|R9QTH3_CVHSA SFQLDTAPK-TGNFKDLREYVFNKRDGFLSVYHSYTPVDIIR----GIPVGSVLKPILK 225
TR|A0A0K1Z074|A0A0K1Z074_CVHSA SFQLDTAPK-SGNFIALREFVFNKRDGFFTVYQDYPVNLRLR----GLPAGLSVLKPILK 225
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA SFQLDTPK-TGNFTDLREFVFNKRDGFFTVYQTYTPVNLRLR----GLPSGLSVLKPILK 223
TR|A0A166ZL64|A0A166ZL64_9NIDO DLPLSFED-VDGGFKHLREFVFNKSDGFLHIYGAYQPYDLAIGATAALPAQFLPLKPLWK 224
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA DLPLSFAB-VDGGFKHLREFVFNKSDGFLHIYGAYQPYDLAIGATAALPAQFLPLKPLWK 224
: : . * * * * : * * * : * : : : : * : * * : .

YP_009724390 LPLGINITRFTQTLALHRSYLTGPDSSSGWTAGAAAYVGYLQPRFTLLKYNENGTITDA 288
SP|P59594|SPIKE_CVHSA LPLGINITNFRAILTAFS-----PAQDIWGTSAAYFVGYLKPTTFMLKYDENGITITDA 275
TR|Q6UZF4|Q6UZF4_CVHSA LPLGINITNFRAILTAFS-----PAQDIWGTSAAYFVGYLKPTTFMLKYDENGITITDA 275
TR|Q6UZF0|Q6UZF0_CVHSA LPLGINITNFRAILTAFS-----PAQDIWGTSAAYFVGYLKPTTFMLKYDENGITITDA 275
TR|Q6JH46|Q6JH46_CVHSA LPLGINITNFRAILTAFS-----PAQDIWGTSAAYFVGYLKPTTFMLKYDENGITITDA 275
TR|Q692E4|Q692E4_CVHSA LPLGINITNFRAILTAFS-----PAQDTWGTSAAYFVGYLKPTTFMLKYDENGITITDA 275
SP|Q3LZX1|SPIKE_BCHK3 LPFGINITSYRVVMAMFS-----QTTSNFLPESAAYVGNLKYSTFMLRFNENGTITDA 279
SP|Q3I5J5|SPIKE_BCRP3 LPFGINITSYRVVMAMFS-----QTTSNFLPESAAYVGNLKYTTFMLSFNENGTITNA 279
SP|Q0Q475|SPIKE_BC279 LPFGINITSYRVVMAMFS-----QFNSNFLPESAAYVGNLKYTTFMLSFNENGTITDA 279
TR|R9QTA0|R9QTA0_CVHSA LPLGINITGMRVMTMFS-----NTQANFLTENAAYVGYLKPRTFMLQFNTNGTIVNA 278
TR|R9QTH3|R9QTH3_CVHSA LPLGINITSFVKVMTMYS-----QTTSNFLSESAAAYVGNLKYVTFMFQFNENGTITDA 279
TR|A0A0K1Z074|A0A0K1Z074_CVHSA LPFGINITSFVRVMMAMFS-----KTTSNYPESAAYVGNLQSTFMLSFNQNGTITDA 277
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA LPFGINITSFVRVMMAMFS-----KTTSNYPESAAYVGNLQSTFMLSFNQNGTIVDA 279
TR|A0A166ZL64|A0A166ZL64_9NIDO LPLGLNITNYKVVTTLKP-----TNQ----AFQAAAYVGNLKHMTTMLSFNENGTMSNA 274
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA LPLGLNITNYKVVTTLKP-----TNQ----AFQAAAYVGNLKHMTTMLSFNENGTMSNA 274
* *: * * * : : : : * * * * : * : : : * * * : *

YP_009724390 VDCALDPLSETKCTLKSFSTVEKGIYQTSNFRVQPTESIVRFPNITNLCPPFGEVFNATRFA 348
SP|P59594|SPIKE_CVHSA VDCSQNPLAELKCSVKSFEDKGIYQTSNFRVVPVSGDVVRFPNITNLCPPFGEVFNATKFP 335
TR|Q6UZF4|Q6UZF4_CVHSA VDCSQNPLAELKCSVKSFEDKGIYQTSNFRVVPVSGDVVRFPNITNLCPPFGEVFNATKFP 335
TR|Q6UZF0|Q6UZF0_CVHSA VDCSQNPLAELKCSVKSFEDKGIYQTSNFRVVPVSGDVVRFPNITNLCPPFGEVFNATKFP 335
TR|Q6JH46|Q6JH46_CVHSA VDCSQNPLAELKCSVKSFEDKGIYQTSNFRVVPVSGDVVRFPNITNLCPPFGEVFNATKFP 335
TR|Q692E4|Q692E4_CVHSA VDCSQNPLAELKCSVKSFEDKGIYQTSNFRVVPVSGDVVRFPNITNLCPPFGEVFNATKFP 335
SP|Q3LZX1|SPIKE_BCHK3 VDCSQNPLAELKCTIKNFNVDKGIYQTSNFRVSPSTQEVIRFPNITNRCPPFDKVFNATRFP 339
SP|Q3I5J5|SPIKE_BCRP3 IDCAQNPLAELKCTIKNFNVSKGIYQTSNFRVSPSTQEVIRFPNITNRCPPFDKVFNATRFP 339
SP|Q0Q475|SPIKE_BC279 VDCSQNPLAELKCTIKNFNVSKGIYQTSNFRVSPSTQEVIRFPNITNRCPPFDKVFNASRFP 339
TR|R9QTA0|R9QTA0_CVHSA VDCSQDPLAELKCTIKNFNITKGIYQTSNFRVSPSTQEVIRFPNITNRCPPFDKVFNATRFP 338
TR|R9QTH3|R9QTH3_CVHSA VDCSQNPLAELKCTLKNFNVSKGIYQTSNFRVSPSTQEVIRFPNITNRCPPFDKVFNASRFP 339
TR|A0A0K1Z074|A0A0K1Z074_CVHSA VDCSQNPLAELKCTTKSFNVSKGIYQTSNFRVAPVTEVVRFPNITNLCPPFDKVFNATRFP 339
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA VDCSQDPLAELKCTTKSFNVSKGIYQTSNFRVSPVTEVVRFPNITNLCPPFDKVFNATRFP 337
TR|A0A166ZL64|A0A166ZL64_9NIDO IDCSQDPLAELKCTLKQFDVGKGIYQTSNFRVQPTVDVARFPNITNRCPPFDKVFNATRFP 334
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA IDCSQDPLAELKCTLKQFDVGKGIYQTSNFRVQPTVDVARFPNITNRCPPFDKVFNATRFP 334
: * : : * : * * : * * : * * : * * : * * : * * : * * : * * : * * : * *

YP_009724390 SVYAWNRRKISNCVADYSVLYNSASFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEV 408
SP|P59594|SPIKE_CVHSA SVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDV 395
TR|Q6UZF4|Q6UZF4_CVHSA SVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDV 395
TR|Q6UZF0|Q6UZF0_CVHSA SVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDV 395
TR|Q6JH46|Q6JH46_CVHSA SVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDV 395
TR|Q692E4|Q692E4_CVHSA SVYAWERKKISNCVADYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDV 395
SP|Q3LZX1|SPIKE_BCHK3 NVYAWERTKISDCVADYTVLYNSTSFSTFKCYGVSPSKLIDLCTFSVYADTFLIRSEVR 399
SP|Q3I5J5|SPIKE_BCRP3 NVYAWERTKISDCVADYTVLYNSTSFSTFKCYGVSPSKLIDLCTFSVYADTFLIRSEVR 399
SP|Q0Q475|SPIKE_BC279 NVYAWERTKISDCVADYTVLYNSTSFSTFKCYGVSPSKLIDLCTFSVYADTFLIRSEVR 399
TR|R9QTA0|R9QTA0_CVHSA SVYAWERTKISDCVADYTVLYNSTSFSTFKCYGVSPSKLIDLCTFSVYADTFLIRSEVR 398
TR|R9QTH3|R9QTH3_CVHSA SVYAWERTKISDCVADYTVLYNSTSFSTFKCYGVSPSKLIDLCTFSVYADTFLIRSEVR 399
TR|A0A0K1Z074|A0A0K1Z074_CVHSA SVYAWERTKISDCVADYTVFYNSTSFSTFNVCYGVSPSKLIDLCTFSVYADTFLIRFSEVR 399
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA SVYAWERTKISDCVADYTVFYNSTSFSTFNVCYGVSPSKLIDLCTFSVYADTFLIRFSEVR 397
TR|A0A166ZL64|A0A166ZL64_9NIDO SVYAWERTKISDCVADYTVFYNSTSFSTFNVCYGVSPSKLIDLCTFSVYADTFLIRFSEVR 394
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA SVYAWERTKISDCVADYTVFYNSTSFSTFNVCYGVSPSKLIDLCTFSVYADTFLIRFSEVR 394
* * * * : * : * * * : * * * : * * * * : * * * * : * * * : * * * : *



YP_009724390
 SP|P59594|SPIKE_CVHSA
 TR|Q6UZF4|Q6UZF4_CVHSA
 TR|Q6UZF0|Q6UZF0_CVHSA
 TR|Q6JH46|Q6JH46_CVHSA
 TR|Q692E4|Q692E4_CVHSA
 SP|Q3LZX1|SPIKE_BCHK3
 SP|Q3I5J5|SPIKE_BCRP3
 SP|Q0Q475|SPIKE_BC279
 TR|R9QTA0|R9QTA0_CVHSA
 TR|R9QTH3|R9QTH3_CVHSA
 TR|A0A0K1Z074|A0A0K1Z074_CVHSA
 TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
 TR|A0A166ZL64|A0A166ZL64_9NIDO
 TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA

QIAPGQGTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGNGNYLYRLFRKSNLKPFFERDI 468
 QIAPGQGTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGNYNYKYRYLRHGKLRPFFERDI 455
 QIAPGQGTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGNYNYKYRYLRHGKLRPFFERDI 455
 QIAPGQGTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGNYNYKYRYLRHGKLRPFFERDI 455
 QIAPGQGTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGNYNYKYRYLRHGKLRPFFERDI 455
 QIAPGQGTGVIADYNYKLPDDFMGCVLAWNTRNIDATSTGNYNYKYRYLRHGKLRPFFERDI 455
 QVAPGETGVIADYNYKLPDDFTGCVIAWNTAKHDTG-----NYYRSHRKTCLKPFFERDL 454
 QVAPGETGVIADYNYKLPDDFTGCVIAWNTAKQDQG-----QYYRSHRKTCLKPFFERDL 454
 QVAPGETGVIADYNYKLPDDFTGCVIAWNTAKQDQG-----QYYRSYRKEKLPFFERDL 454
 QVAPGETGVIADYNYKLPDDFTGCVIAWNTAKQDQG-----QYYRSHRKTCLKPFFERDL 454
 QVAPGETGVIADYNYKLPDDFTGCVIAWNTAKQDQG-----QYYRSHRKTCLKPFFERDL 453
 QIAPGETGVIADYNYKLPDEFTGCVIAWNTAKQDRG-----QYYRSHRKTCLKPFFERDL 454
 QVAPGQGTGVIADYNYKLPDDFTGCVIAWNTAKYDVG-----SYFYRSHRSSLKLPFFERDL 454
 QVAPGQGTGVIADYNYKLPDDFTGCVIAWNTAKQDVG-----SYFYRSHRSSLKLPFFERDL 452
 QVAPGQGTGVIADYNYKLPDDFTGCVIAWNTAKQDVG-----SYFYRSHRSSLKLPFFERDL 449
 QVAPGQGTGVIADYNYKLPDDFTGCVIAWNTAKQDVG-----SYFYRSHRSSLKLPFFERDL 449


*:***:* *****:* ***:**: : * .* ** * :*:*****:



YP_009724390
 SP|P59594|SPIKE_CVHSA
 TR|Q6UZF4|Q6UZF4_CVHSA
 TR|Q6UZF0|Q6UZF0_CVHSA
 TR|Q6JH46|Q6JH46_CVHSA
 TR|Q692E4|Q692E4_CVHSA
 SP|Q3LZX1|SPIKE_BCHK3
 SP|Q3I5J5|SPIKE_BCRP3
 SP|Q0Q475|SPIKE_BC279
 TR|R9QTA0|R9QTA0_CVHSA
 TR|R9QTH3|R9QTH3_CVHSA
 TR|A0A0K1Z074|A0A0K1Z074_CVHSA
 TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
 TR|A0A166ZL64|A0A166ZL64_9NIDO
 TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA

STEIYQAGSTPCNGVEGFNCYFPLQSYGFPQTNGVGYPYRVVLSFELLHAPATVCGPK 528
 SNVPFSPDGKPCPTP-ALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPK 514
 SNVPFSPDGKPCPTP-ALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPK 514
 SNVPFSPDGKPCPTP-ALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPK 514
 SNVPFSPDGKPCPTP-ALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPK 514
 SNVPFSPDGKPCPTP-ALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPK 514
 SSDD-----GNGVYTLSTYDFNPNVPVAYQATRVVLSFELLNAPATVCGPK 501
 SSD-----ENGVRTLSTYDFYPSVPVAYQATRVVLSFELLNAPATVCGPK 500
 SSD-----ENGVRTLSTYDFYPSIPVEYQATRVVLSFELLNAPATVCGPK 500
 SSD-----GNGVYTLSTYDFYPSVPLDYQATRVVLSFELLNAPATVCGPK 499
 SSD-----ENGVRTLSTYDFYPSVPLEYQATRVVLSFELLNAPATVCGPK 500
 SSE-----ENGARTLSTYDFNQNPVLEYQATRVVLSFELLNAPATVCGPK 500
 SSE-----ENGVRTLSTYDFNQVPLEYQATRVVLSFELLNAPATVCGPK 498
 SSE-----ENGVRTLSTYDFNQNPVLEYQATRVVLSFELLNAPATVCGPK 495
 SSE-----ENGVRTLSTYDFNQNPVLEYQATRVVLSFELLNAPATVCGPK 495

*. * .*. * : ** *****:*****



YP_009724390
 SP|P59594|SPIKE_CVHSA
 TR|Q6UZF4|Q6UZF4_CVHSA
 TR|Q6UZF0|Q6UZF0_CVHSA
 TR|Q6JH46|Q6JH46_CVHSA
 TR|Q692E4|Q692E4_CVHSA
 SP|Q3LZX1|SPIKE_BCHK3
 SP|Q3I5J5|SPIKE_BCRP3
 SP|Q0Q475|SPIKE_BC279
 TR|R9QTA0|R9QTA0_CVHSA
 TR|R9QTH3|R9QTH3_CVHSA
 TR|A0A0K1Z074|A0A0K1Z074_CVHSA
 TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
 TR|A0A166ZL64|A0A166ZL64_9NIDO
 TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA

KSTNLVKNKCVNFNFNGLTGTGVLTPSSKRFQPFQQFGRDIDATTTDAVRDPQTLEILDIT 588
 LSTDLIKNQCVNFNFNGLTGTGVLTPSSKRFQPFQQFGRDVSDFTDSDVRDPKTSEILDIS 574
 LSTDLIKNQCVNFNFNGLTGTGVLTPSSKRFQPFQQFGRDVSDFTDSDVRDPKTSEILDIS 574
 LSTDLIKNQCVNFNFNGLTGTGVLTPSSKRFQPFQQFGRDVSDFTDSDVRDPKTSEILDIS 574
 LSTDLIKNQCVNFNFNGLTGTGVLTPSSKRFQPFQQFGRDVSDFTDSDVRDPKTSEILDIS 574
 LSTDLIKNQCVNFNFNGLTGTGVLTPSSKRFQPFQQFGRDVSDFTDSDVRDPKTSEILDIS 574
 LSTELVKNQCVNFNFNGLKGTGVLTPSSKRFQSFQQFGRDTSDFTDSDVRDPQTLEILDIS 561
 LSTQLVKNQCVNFNFNGLKGTGVLTPSSKRFQSFQQFGRDTSDFTDSDVRDPQTLEILDIS 560
 LSTQLVKNQCVNFNFNGLRGTGVLTPSSKRFQSFQQFGRDTSDFTDSDVRDPQTLEILDIS 560
 LSTTLVKNQCVNFNFNGLKGTGVLTPSSKRFQSFQQFGRDASDFTDSDVRDPQTLEILDIS 559
 LSTSLIKNQCVNFNFNGLKGTGVLTPSSKRFQSFQQFGRDASDFTDSDVRDPQTLEILDIS 560
 LSTSLVKNQCVNFNFNGFKGTGVLTPSSKRFQSFQQFGRDASDFTDSDVRDPKTLEILDIS 560
 LSTSLVKNQCVNFNFNGFKGTGVLTPSSKRFQSFQQFGRDASDFTDSDVRDPKTLEILDIS 558
 LSTPLVKNQCVNFNFNGLKGTGVLTPSSKRFQSFQQFGRDASDFTDSDVRDPQTLEILDIS 555
 LSTPLVKNQCVNFNFNGLKGTGVLTPSSKRFQSFQQFGRDASDFTDSDVRDPQTLEILDIS 555

** *:***:*****: ***** *. * ***** :* **:****:* .****:

YP_009724390
SP|P59594|SPIKE_CVHSA
TR|Q6UZF4|Q6UZF4_CVHSA
TR|Q6UZF0|Q6UZF0_CVHSA
TR|Q6JH46|Q6JH46_CVHSA
TR|Q692E4|Q692E4_CVHSA
SP|Q3LZX1|SPIKE_BCHK3
SP|Q3I5J5|SPIKE_BCRP3
SP|Q0Q475|SPIKE_BC279
TR|R9QTA0|R9QTA0_CVHSA
TR|R9QTH3|R9QTH3_CVHSA
TR|A0A0K1Z074|A0A0K1Z074_CVHSA
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
TR|A0A166ZL64|A0A166ZL64_9NIDO
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA
PCSFGGVSVITPGTNTSNQVAVLYQDVNCTEVPVAIHADQLTPTWRVYSTGNSNVFQTQAG 648
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAG 634
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAG 634
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAG 634
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAG 634
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVPTAIRADQLTPAWRVYSTGNNVFQTQAG 621
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVPAAIHADQLTPAWRVYSTGNNVFQTQAG 620
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVPTSIHADQLTPAWRVYSTGNNVFQTQAG 620
PCSFGGVSVITPGTNASTEAVLYQDVNCTDVPTAINADQLTPAWRVYSTGNNVFQTQAG 619
PCSFGGVSVITPGTNASSEVAVLYQDVNCTDVPTAIRADQLTPAWRVYSTGNNVFQTQAG 620
PCSFGGVSVITPGTNTSSAVAVLYQDVNCTDVPKTIHADQLAPSWRVYSTGPFVFQTQAG 620
PCSFGGVSVITPGTNTSSAVAVLYQDVNCTDVPTTLHADQLAPSWRVYSTGPFVFQTQAG 618
PCSFGGVSVITPGTNTSSAVAVLYQDVNCTDVPTTIHADHLTHSWRVYSTGPFVFQTQAG 615
PCSFGGVSVITPGTNTSSAVAVLYQDVNCTDVPTTIHADHLTHSWRVYSTGPFVFQTQAG 615
*****:*. *****:*. :.***: :*:*: *****:

YP_009724390
SP|P59594|SPIKE_CVHSA
TR|Q6UZF4|Q6UZF4_CVHSA
TR|Q6UZF0|Q6UZF0_CVHSA
TR|Q6JH46|Q6JH46_CVHSA
TR|Q692E4|Q692E4_CVHSA
SP|Q3LZX1|SPIKE_BCHK3
SP|Q3I5J5|SPIKE_BCRP3
SP|Q0Q475|SPIKE_BC279
TR|R9QTA0|R9QTA0_CVHSA
TR|R9QTH3|R9QTH3_CVHSA
TR|A0A0K1Z074|A0A0K1Z074_CVHSA
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
TR|A0A166ZL64|A0A166ZL64_9NIDO
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA
CLIGAEHVNNSEYCDIPIGAGICASYQTQTNSPRRARSVASQSIAYTMSLGAENSVAYS 708
CLIGAEHVDTSYECDIPIGAGICASYHTVS----LLRSTSQKSIVAYTMSLGADSSIAYS 690
CLIGAEHVDTSYECDIPIGAGICASYHTVS----LLRSTSQKSIVAYTMSLGADSSIAYS 690
CLIGAEHVDTSYECDIPIGAGICASYHTVS----LLRSTSQKSIVAYTMSLGADSSIAYS 690
CLIGAEHVDTSYECDIPIGAGICASYHTVS----LLRSTSQKSIVAYTMSLGADSSIAYS 690
CLIGAEHVDTSYECDIPIGAGICASYHTVS----LLRSTSQKSIVAYTMSLGADSSIAYS 690
CLIGAEHVNASYECDIPIGAGICASYHTAS----VLRSTGQKSIVAYTMSLGAENSIAYA 677
CLIGAEHVNASYECDIPIGAGICASYHTAS----TLRSVGQKSIVAYTMSLGAENSIAYA 676
CLIGAEHVNASYECDIPIGAGICASYHTAS----VLRSTGQKSIVAYTMSLGAENSIAYA 676
CLIGAEHVNASYECDIPIGAGICASYHTAS----VLRSTGQKSIVAYTMSLGAENSIAYA 675
CLIGAEHVNASYECDIPIGAGICASYHTAS----LLRNTGQKSIVAYTMSLGAENSIAYA 676
CLIGAEHVNNSEYCDIPIGAGICASYHTAS----VLRSTGQKSIVAYTMSLGAENSVAYA 676
CLIGAEHVNASYQCDIPIGAGICASYHTAS----LLRSTGQKSIVAYTMSLGAENSVAYA 674
CLIGAEHVNASYQCDIPIGAGICASYHTAS----LLRSTGQKSIVAYTMSLGAENSVAYA 671
CLIGAEHVNASYQCDIPIGAGICASYHTAS----LLRSTGQKSIVAYTMSLGAENSVAYA 671
*****:*. *****:*. :.***: :*:*: *****:

YP_009724390
SP|P59594|SPIKE_CVHSA
TR|Q6UZF4|Q6UZF4_CVHSA
TR|Q6UZF0|Q6UZF0_CVHSA
TR|Q6JH46|Q6JH46_CVHSA
TR|Q692E4|Q692E4_CVHSA
SP|Q3LZX1|SPIKE_BCHK3
SP|Q3I5J5|SPIKE_BCRP3
SP|Q0Q475|SPIKE_BC279
TR|R9QTA0|R9QTA0_CVHSA
TR|R9QTH3|R9QTH3_CVHSA
TR|A0A0K1Z074|A0A0K1Z074_CVHSA
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
TR|A0A166ZL64|A0A166ZL64_9NIDO
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA
NNSIAIPTNFTISVTTTEILPVSMKTKTSVDCTMYICGDSLECSNLLLQYGSFCTQLNRALT 768
NNTIAIPTNFSISITTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 750
NNTIAIPTNFSISITTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 750
NNTIAIPTNFSISITTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 750
NNTIAIPTNFSISITTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 750
NNTIAIPTNFSISITTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALT 737
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 736
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALT 736
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALT 735
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 736
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 734
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 731
NNSIAIPTNFSISVTTTEVMPVSMKTSVDCNMYICGDSLECSNLLLQYGSFCTQLNRALS 731
:*:***:*. *****:*. *****:*****:*****:*****:*****:*****:

YP_009724390
SP|P59594|SPIKE_CVHSA
TR|Q6UZF4|Q6UZF4_CVHSA
TR|Q6UZF0|Q6UZF0_CVHSA
TR|Q6JH46|Q6JH46_CVHSA
TR|Q692E4|Q692E4_CVHSA
SP|Q3LZX1|SPIKE_BCHK3
SP|Q3I5J5|SPIKE_BCRP3
SP|Q0Q475|SPIKE_BC279
TR|R9QTA0|R9QTA0_CVHSA
TR|R9QTH3|R9QTH3_CVHSA
TR|A0A0K1Z074|A0A0K1Z074_CVHSA
TR|A0A0U1WHI6|A0A0U1WHI6_CVHSA
TR|A0A166ZL64|A0A166ZL64_9NIDO
TR|A0A0U1UYX4|A0A0U1UYX4_CVHSA
GIAVEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPSKPSKRSFIEDLLFNKVTL 828
GIAAEQDRNTREVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 810
GIAAEQDRNTREVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 810
GIAAEQDRNTREVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 810
GIAAEQDRNTREVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 810
GIAAEQDRNTREVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 810
GIAIEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPSKPTKRSFIEDLLFNKVTL 797
GIAIEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPSKPTKRSFIEDLLFNKVTL 796
GIAIEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPSKPTKRSFIEDLLFNKVTL 796
GIAIEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPSKPTKRSFIEDLLFNKVTL 795
GIAIEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPSKPTKRSFIEDLLFNKVTL 796
GIAVEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 796
GIAVEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 794
GIAVEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 791
GIAVEQDKNTQEVFAQVKQMYKTPTLKYFGGFNFSQILPDPLKPTKRSFIEDLLFNKVTL 791
*** **:*:*****:*****:*****:*****:*****:*****:*****:*****:

