

N-terminal Domain = MDVFMKGLSKAKEGVVAAAEKTKQGVAEAAAGKTKEGVLVYVGSKTKEGVVHGVATVAEKT
C-terminal Domain = KKDQLGKNEEGAPQEGILEDMPVDPDNEAVEMPSEEGYQDYPEA

Name	NT	Positions 1-60	Positions 61-95	Positions 96-140	CT
SEQ ID NO:1	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:2	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGF	C-terminal Domain	OH
SEQ ID NO:3	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATG	C-terminal Domain	OH
SEQ ID NO:4	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAT	C-terminal Domain	OH
SEQ ID NO:5	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAA	C-terminal Domain	OH
SEQ ID NO:6	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAA	C-terminal Domain	OH
SEQ ID NO:7	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIA	C-terminal Domain	OH
SEQ ID NO:8	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSI	C-terminal Domain	OH
SEQ ID NO:9	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGS	C-terminal Domain	OH
SEQ ID NO:10	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAG	C-terminal Domain	OH
SEQ ID NO:11	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGA	C-terminal Domain	OH
SEQ ID NO:12	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEG	C-terminal Domain	OH
SEQ ID NO:13	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVE	C-terminal Domain	OH
SEQ ID NO:14	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTV	C-terminal Domain	OH
SEQ ID NO:15	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKT	C-terminal Domain	OH
SEQ ID NO:16	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQK	C-terminal Domain	OH
SEQ ID NO:17	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQ	C-terminal Domain	OH
SEQ ID NO:18	H	N-terminal Domain	EQVTNVGGAVVTGVTAVA	C-terminal Domain	OH
SEQ ID NO:19	H	N-terminal Domain	EQVTNVGGAVVTGVTAV	C-terminal Domain	OH
SEQ ID NO:20	H	N-terminal Domain	EQVTNVGGAVVTGVT	C-terminal Domain	OH
SEQ ID NO:21	H	N-terminal Domain	EQVTNVGGAVVTGVT	C-terminal Domain	OH
SEQ ID NO:22	H	N-terminal Domain	EQVTNVGGAVVTGV	C-terminal Domain	OH
SEQ ID NO:23	H	N-terminal Domain	EQVTNVGGAVVTG	C-terminal Domain	OH
SEQ ID NO:24	H	N-terminal Domain	EQVTNVGGAVVT	C-terminal Domain	OH

FIG. 1A

SEQ ID NO:25	H	N-terminal Domain	EQVTNVGGAVV	C-terminal Domain	OH
SEQ ID NO:26	H	N-terminal Domain	EQVTNVGGAV	C-terminal Domain	OH
SEQ ID NO:27	H	N-terminal Domain	EQVTNVGGA	C-terminal Domain	OH
SEQ ID NO:28	H	N-terminal Domain	EQVTNVGG	C-terminal Domain	OH
SEQ ID NO:29	H	N-terminal Domain	EQVTNVG	C-terminal Domain	OH
SEQ ID NO:30	H	N-terminal Domain	EQVTNV	C-terminal Domain	OH
SEQ ID NO:31	H	N-terminal Domain	EQVTN	C-terminal Domain	OH
SEQ ID NO:32	H	N-terminal Domain	EQVT	C-terminal Domain	OH
SEQ ID NO:33	H	N-terminal Domain	EQV	C-terminal Domain	OH
SEQ ID NO:34	H	N-terminal Domain	EQ	C-terminal Domain	OH
SEQ ID NO:35	H	N-terminal Domain	E	C-terminal Domain	OH
SEQ ID NO:36	H	N-terminal Domain		C-terminal Domain	OH
SEQ ID NO:37	H	N-terminal Domain	PQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:38	H	N-terminal Domain	GQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:39	H	N-terminal Domain	KQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:40	H	N-terminal Domain	RQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:41	H	N-terminal Domain	HQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:42	H	N-terminal Domain	DQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:43	H	N-terminal Domain	SQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:44	H	N-terminal Domain	TQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:45	H	N-terminal Domain	NQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:46	H	N-terminal Domain	QQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:47	H	N-terminal Domain	CQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:48	H	N-terminal Domain	EPVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:49	H	N-terminal Domain	EGVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:50	H	N-terminal Domain	EKVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:51	H	N-terminal Domain	ERVTVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:52	H	N-terminal Domain	EHVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:53	H	N-terminal Domain	EEVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1B

SEQ ID NO:54	H	N-terminal Domain	EDVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:55	H	N-terminal Domain	ESVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:56	H	N-terminal Domain	ETVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:57	H	N-terminal Domain	ENVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:58	H	N-terminal Domain	ECVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:59	H	N-terminal Domain	EQPTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:60	H	N-terminal Domain	EQGTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:61	H	N-terminal Domain	EQKTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:62	H	N-terminal Domain	EQRTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:63	H	N-terminal Domain	EQHTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:64	H	N-terminal Domain	EQETNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:65	H	N-terminal Domain	EQDTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:66	H	N-terminal Domain	EQSTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:67	H	N-terminal Domain	EQITNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:68	H	N-terminal Domain	EQNTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:69	H	N-terminal Domain	EQQTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:70	H	N-terminal Domain	EQCTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:71	H	N-terminal Domain	EQVPNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:72	H	N-terminal Domain	EQVGNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:73	H	N-terminal Domain	EQVKNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:74	H	N-terminal Domain	EQVRNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:75	H	N-terminal Domain	EQVHNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:76	H	N-terminal Domain	EQVENVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:77	H	N-terminal Domain	EQVDNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:78	H	N-terminal Domain	EQVSNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:79	H	N-terminal Domain	EQVNNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:80	H	N-terminal Domain	EQVQNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:81	H	N-terminal Domain	EQVCNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:82	H	N-terminal Domain	EQVTPNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1C

SEQ ID NO:83	H	N-terminal Domain	EQVTGVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:84	H	N-terminal Domain	EQVTKVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:85	H	N-terminal Domain	EQVTRVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:86	H	N-terminal Domain	EQVTHVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:87	H	N-terminal Domain	EQVTEVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:88	H	N-terminal Domain	EQTVDVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:89	H	N-terminal Domain	EQVTSVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:90	H	N-terminal Domain	EQVTVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:91	H	N-terminal Domain	EQVTQVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:92	H	N-terminal Domain	EQVTCVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:93	H	N-terminal Domain	EQVTNPGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:94	H	N-terminal Domain	EQVTNGGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:95	H	N-terminal Domain	EQVTNKGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:96	H	N-terminal Domain	EQVTNRGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:97	H	N-terminal Domain	EQVTNHGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:98	H	N-terminal Domain	EQVTNEGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:99	H	N-terminal Domain	EQVTNDGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:100	H	N-terminal Domain	EQVTNSGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:101	H	N-terminal Domain	EQVTNTGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:102	H	N-terminal Domain	EQVTNNGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:103	H	N-terminal Domain	EQVTNQGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:104	H	N-terminal Domain	EQVTNCGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:105	H	N-terminal Domain	EQVTNVPGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:106	H	N-terminal Domain	EQVTNVKGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:107	H	N-terminal Domain	EQVTNVRGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:108	H	N-terminal Domain	EQVTNVHGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:109	H	N-terminal Domain	EQVTNVFAGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:110	H	N-terminal Domain	EQVTNVDGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:111	H	N-terminal Domain	EQVTNVSAGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1D

SEQ ID NO:112	H	N-terminal Domain	EQVTNVTGA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:113	H	N-terminal Domain	EQVTNVNGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:114	H	N-terminal Domain	EQVTNVQGA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:115	H	N-terminal Domain	EQVTNVCGA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:116	H	N-terminal Domain	EQVTNVGPA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:117	H	N-terminal Domain	EQVTNVGKA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:118	H	N-terminal Domain	EQVTNVGRA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:119	H	N-terminal Domain	EQVTNVGHA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:120	H	N-terminal Domain	EQVTNVGEA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:121	H	N-terminal Domain	EQVTNVGDA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:122	H	N-terminal Domain	EQVTNVGSA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:123	H	N-terminal Domain	EQVTNVGTA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:124	H	N-terminal Domain	EQVTNVGNA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:125	H	N-terminal Domain	EQVTNVGQA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:126	H	N-terminal Domain	EQVTNVGCA VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:127	H	N-terminal Domain	EQVTNVGGP VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:128	H	N-terminal Domain	EQVTNVGGV VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:129	H	N-terminal Domain	EQVTNVGGK VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:130	H	N-terminal Domain	EQVTNVGGR VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:131	H	N-terminal Domain	EQVTNVGGH VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:132	H	N-terminal Domain	EQVTNVGGE VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:133	H	N-terminal Domain	EQVTNVGGD VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:134	H	N-terminal Domain	EQVTNVGGS VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:135	H	N-terminal Domain	EQVTNVGGT VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:136	H	N-terminal Domain	EQVTNVGGN VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:137	H	N-terminal Domain	EQVTNVGGQ VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:138	H	N-terminal Domain	EQVTNVGGC VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:139	H	N-terminal Domain	EQVTNVGGP VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:140	H	N-terminal Domain	EQVTNVGGG VVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1E

SEQ ID NO:141	H	N-terminal Domain	EQVTNVGGAKVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:142	H	N-terminal Domain	EQVTNVGGARVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:143	H	N-terminal Domain	EQVTNVGGAHVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:144	H	N-terminal Domain	EQVTNVGGAETGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:145	H	N-terminal Domain	EQVTNVGGADVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:146	H	N-terminal Domain	EQVTNVGGSVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:147	H	N-terminal Domain	EQVTNVGGATVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:148	H	N-terminal Domain	EQVTNVGGANVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:149	H	N-terminal Domain	EQVTNVGGAQVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:150	H	N-terminal Domain	EQVTNVGGACVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:151	H	N-terminal Domain	EQVTNVGGAVPTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:152	H	N-terminal Domain	EQVTNVGGAVGTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:153	H	N-terminal Domain	EQVTNVGGAVKTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:154	H	N-terminal Domain	EQVTNVGGAVRTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:155	H	N-terminal Domain	EQVTNVGGAVHTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:156	H	N-terminal Domain	EQVTNVGGAVETGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:157	H	N-terminal Domain	EQVTNVGGAVDTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:158	H	N-terminal Domain	EQVTNVGGAVSTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:159	H	N-terminal Domain	EQVTNVGGAVTTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:160	H	N-terminal Domain	EQVTNVGGAVNTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:161	H	N-terminal Domain	EQVTNVGGAVQTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:162	H	N-terminal Domain	EQVTNVGGAVCTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:163	H	N-terminal Domain	EQVTNVGGAVVPGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:164	H	N-terminal Domain	EQVTNVGGAVVGGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:165	H	N-terminal Domain	EQVTNVGGAVVKGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:166	H	N-terminal Domain	EQVTNVGGAVVRGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:167	H	N-terminal Domain	EQVTNVGGAVVHGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:168	H	N-terminal Domain	EQVTNVGGAVVEGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:169	H	N-terminal Domain	EQVTNVGGAVVDGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1F

SEQ ID NO:170	H	N-terminal Domain	EQVTNVGGAVVSGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:171	H	N-terminal Domain	EQVTNVGGAVVNGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:172	H	N-terminal Domain	EQVTNVGGAVVQGVGTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:173	H	N-terminal Domain	EQVTNVGGAVVCGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:174	H	N-terminal Domain	EQVTNVGGAVVTPVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:175	H	N-terminal Domain	EQVTNVGGAVVTKVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:176	H	N-terminal Domain	EQVTNVGGAVVTRVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:177	H	N-terminal Domain	EQVTNVGGAVVTHVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:178	H	N-terminal Domain	EQVTNVGGAVVTEVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:179	H	N-terminal Domain	EQVTNVGGAVVTDVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:180	H	N-terminal Domain	EQVTNVGGAVVTSVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:181	H	N-terminal Domain	EQVTNVGGAVVTTVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:182	H	N-terminal Domain	EQVTNVGGAVVTNVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:183	H	N-terminal Domain	EQVTNVGGAVVTQVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:184	H	N-terminal Domain	EQVTNVGGAVVTCVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:185	H	N-terminal Domain	EQVTNVGGAVVTGPTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:186	H	N-terminal Domain	EQVTNVGGAVVTGGTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:187	H	N-terminal Domain	EQVTNVGGAVVTGKTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:188	H	N-terminal Domain	EQVTNVGGAVVTGRTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:189	H	N-terminal Domain	EQVTNVGGAVVTGHTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:190	H	N-terminal Domain	EQVTNVGGAVVTGETAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:191	H	N-terminal Domain	EQVTNVGGAVVTGDTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:192	H	N-terminal Domain	EQVTNVGGAVVTGSTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:193	H	N-terminal Domain	EQVTNVGGAVVTGTTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:194	H	N-terminal Domain	EQVTNVGGAVVTGNTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:195	H	N-terminal Domain	EQVTNVGGAVVTGQTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:196	H	N-terminal Domain	EQVTNVGGAVVTGCTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:197	H	N-terminal Domain	EQVTNVGGAVVTGVPAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:198	H	N-terminal Domain	EQVTNVGGAVVTGVGAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1G

SEQ ID NO:199	H	N-terminal Domain	EQVTNVGGAVVTGVKAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:200	H	N-terminal Domain	EQVTNVGGAVVTGVRVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:201	H	N-terminal Domain	EQVTNVGGAVVTGVHAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:202	H	N-terminal Domain	EQVTNVGGAVVTGVEAVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:203	H	N-terminal Domain	EQVTNVGGAVVTGVDVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:204	H	N-terminal Domain	EQVTNVGGAVVTGVSVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:205	H	N-terminal Domain	EQVTNVGGAVVTGVNVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:206	H	N-terminal Domain	EQVTNVGGAVVTGVQVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:207	H	N-terminal Domain	EQVTNVGGAVVTGVCVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:208	H	N-terminal Domain	EQVTNVGGAVVTGVPVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:209	H	N-terminal Domain	EQVTNVGGAVVTGVTGVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:210	H	N-terminal Domain	EQVTNVGGAVVTGVTKVQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:211	H	N-terminal Domain	EQVTNVGGAVVTGVTRVQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:212	H	N-terminal Domain	EQVTNVGGAVVTGVTTHVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:213	H	N-terminal Domain	EQVTNVGGAVVTGVTETVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:214	H	N-terminal Domain	EQVTNVGGAVVTGVTDVQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:215	H	N-terminal Domain	EQVTNVGGAVVTGVTSAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:216	H	N-terminal Domain	EQVTNVGGAVVTGVTVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:217	H	N-terminal Domain	EQVTNVGGAVVTGVTNVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:218	H	N-terminal Domain	EQVTNVGGAVVTGVTQVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:219	H	N-terminal Domain	EQVTNVGGAVVTGVTCTVAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:220	H	N-terminal Domain	EQVTNVGGAVVTGVTAPQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:221	H	N-terminal Domain	EQVTNVGGAVVTGVTAGQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:222	H	N-terminal Domain	EQVTNVGGAVVTGVTAKQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:223	H	N-terminal Domain	EQVTNVGGAVVTGVTARAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:224	H	N-terminal Domain	EQVTNVGGAVVTGVTAHAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:225	H	N-terminal Domain	EQVTNVGGAVVTGVTAEQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:226	H	N-terminal Domain	EQVTNVGGAVVTGVTADAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:227	H	N-terminal Domain	EQVTNVGGAVVTGVTASQKTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1H

SEQ ID NO:228	H	N-terminal Domain	EQVTNVGGAVVTGVTATAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:229	H	N-terminal Domain	EQVTNVGGAVVTGVTANAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:230	H	N-terminal Domain	EQVTNVGGAVVTGVTAAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:231	H	N-terminal Domain	EQVTNVGGAVVTGVTACAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:232	H	N-terminal Domain	EQVTNVGGAVVTGVTAVPQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:233	H	N-terminal Domain	EQVTNVGGAVVTGVTAVGQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:234	H	N-terminal Domain	EQVTNVGGAVVTGVTAVKQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:235	H	N-terminal Domain	EQVTNVGGAVVTGVTAVRQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:236	H	N-terminal Domain	EQVTNVGGAVVTGVTAVHQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:237	H	N-terminal Domain	EQVTNVGGAVVTGVTAVEQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:238	H	N-terminal Domain	EQVTNVGGAVVTGVTAVDQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:239	H	N-terminal Domain	EQVTNVGGAVVTGVTAVSQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:240	H	N-terminal Domain	EQVTNVGGAVVTGVTAVTQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:241	H	N-terminal Domain	EQVTNVGGAVVTGVTAVNQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:242	H	N-terminal Domain	EQVTNVGGAVVTGVTAVQQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:243	H	N-terminal Domain	EQVTNVGGAVVTGVTAVCQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:244	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAPKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:245	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAGKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:246	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAKKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:247	H	N-terminal Domain	EQVTNVGGAVVTGVTAVARKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:248	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAHKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:249	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAEKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:250	H	N-terminal Domain	EQVTNVGGAVVTGVTAVADKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:251	H	N-terminal Domain	EQVTNVGGAVVTGVTAVASKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:252	H	N-terminal Domain	EQVTNVGGAVVTGVTAVATKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:253	H	N-terminal Domain	EQVTNVGGAVVTGVTAVANKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:254	H	N-terminal Domain	EQVTNVGGAVVTGVTAVACKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:255	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQPTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:256	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQGTVEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1I

SEQ ID NO:257	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQRTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:258	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQHTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:259	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQETVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:260	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQDTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:261	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQSTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:262	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQTTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:263	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQNTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:264	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQQTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:265	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQCTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:266	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKPEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:267	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:268	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:269	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKRVGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:270	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKHVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:271	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKEVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:272	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKDVGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:273	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKSVGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:274	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKNVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:275	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKQVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:276	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKCVGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:277	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTPEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:278	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTGEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:279	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTKEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:280	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTREGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:281	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTREGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:282	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTEEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:283	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTDEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:284	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTSEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:285	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTTEGAGSIAAATGFV	C-terminal Domain	OH

FIG. 1J

SEQ ID NO:286	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTNEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:287	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTQEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:288	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTCEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:289	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVPAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:290	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTGGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:291	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTKVGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:292	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVRGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:293	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVHGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:294	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVDGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:295	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVSGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:296	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVTGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:297	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVNGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:298	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVQGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:299	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQTVCGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:300	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEPAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:301	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEKAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:302	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVERAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:303	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEHAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:304	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEEAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:305	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEDAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:306	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVESAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:307	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTETAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:308	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVENAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:309	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEQAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:310	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEGAGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:311	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEGPGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:312	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEGGGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:313	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEGKGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:314	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQKTVEGRGSIAAATGFV	C-terminal Domain	OH

FIG. 1K

SEQ ID NO:315	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGHGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:316	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGEGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:317	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGDGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:318	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGSGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:319	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGTGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:320	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGNGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:321	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGQGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:322	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGCGSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:323	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAPSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:324	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAKSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:325	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGARSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:326	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAHSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:327	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAESIAAATGFV	C-terminal Domain	OH
SEQ ID NO:328	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGADSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:329	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGASSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:330	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGATSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:331	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGANSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:332	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAQSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:333	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGACSIAAATGFV	C-terminal Domain	OH
SEQ ID NO:334	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGPIAAATGFV	C-terminal Domain	OH
SEQ ID NO:335	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGGIAAATGFV	C-terminal Domain	OH
SEQ ID NO:336	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGKIAAATGFV	C-terminal Domain	OH
SEQ ID NO:337	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGRIAAATGFV	C-terminal Domain	OH
SEQ ID NO:338	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGHIAAATGFV	C-terminal Domain	OH
SEQ ID NO:339	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGEIAAATGFV	C-terminal Domain	OH
SEQ ID NO:340	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGDIAAATGFV	C-terminal Domain	OH
SEQ ID NO:341	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGTIAAATGFV	C-terminal Domain	OH
SEQ ID NO:342	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGNIAAATGFV	C-terminal Domain	OH
SEQ ID NO:343	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGQIAAATGFV	C-terminal Domain	OH

FIG. 1L

SEQ ID NO:344	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGCIAAATGFV	C-terminal Domain	OH
SEQ ID NO:345	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSPAAATGFV	C-terminal Domain	OH
SEQ ID NO:346	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSGAAATGFV	C-terminal Domain	OH
SEQ ID NO:347	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSKAAATGFV	C-terminal Domain	OH
SEQ ID NO:348	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSRAAATGFV	C-terminal Domain	OH
SEQ ID NO:349	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSHAAATGFV	C-terminal Domain	OH
SEQ ID NO:350	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSEAAATGFV	C-terminal Domain	OH
SEQ ID NO:351	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSDAAATGFV	C-terminal Domain	OH
SEQ ID NO:352	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSSAAATGFV	C-terminal Domain	OH
SEQ ID NO:353	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSTAAATGFV	C-terminal Domain	OH
SEQ ID NO:354	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSNAATGFV	C-terminal Domain	OH
SEQ ID NO:355	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSQAAATGFV	C-terminal Domain	OH
SEQ ID NO:356	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSCAAATGFV	C-terminal Domain	OH
SEQ ID NO:357	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIPAATGFV	C-terminal Domain	OH
SEQ ID NO:358	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIGAATGFV	C-terminal Domain	OH
SEQ ID NO:359	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIKAATGFV	C-terminal Domain	OH
SEQ ID NO:360	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIRAATGFV	C-terminal Domain	OH
SEQ ID NO:361	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIHAATGFV	C-terminal Domain	OH
SEQ ID NO:362	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIEAATGFV	C-terminal Domain	OH
SEQ ID NO:363	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIDAATGFV	C-terminal Domain	OH
SEQ ID NO:364	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSISAATGFV	C-terminal Domain	OH
SEQ ID NO:365	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSITAATGFV	C-terminal Domain	OH
SEQ ID NO:366	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSINAATGFV	C-terminal Domain	OH
SEQ ID NO:367	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIQAATGFV	C-terminal Domain	OH
SEQ ID NO:368	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSICAATGFV	C-terminal Domain	OH
SEQ ID NO:369	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAPATGFV	C-terminal Domain	OH
SEQ ID NO:370	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAGATGFV	C-terminal Domain	OH
SEQ ID NO:371	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAKATGFV	C-terminal Domain	OH
SEQ ID NO:372	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIARATGFV	C-terminal Domain	OH

FIG. 1M

SEQ ID NO:373	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAHATGFV	C-terminal Domain	OH
SEQ ID NO:374	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAEATGFV	C-terminal Domain	OH
SEQ ID NO:375	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIADATGFV	C-terminal Domain	OH
SEQ ID NO:376	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIASATGFV	C-terminal Domain	OH
SEQ ID NO:377	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIATATGFV	C-terminal Domain	OH
SEQ ID NO:378	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIANATGFV	C-terminal Domain	OH
SEQ ID NO:379	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAQATGFV	C-terminal Domain	OH
SEQ ID NO:380	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIACATGFV	C-terminal Domain	OH
SEQ ID NO:381	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAPTGFV	C-terminal Domain	OH
SEQ ID NO:382	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAGTGFV	C-terminal Domain	OH
SEQ ID NO:383	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAKTGFV	C-terminal Domain	OH
SEQ ID NO:384	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAARTGFV	C-terminal Domain	OH
SEQ ID NO:385	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAHTGFV	C-terminal Domain	OH
SEQ ID NO:386	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAETGFV	C-terminal Domain	OH
SEQ ID NO:387	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAADTGFV	C-terminal Domain	OH
SEQ ID NO:388	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAASTGFV	C-terminal Domain	OH
SEQ ID NO:389	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAATTGFV	C-terminal Domain	OH
SEQ ID NO:390	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAANTGFV	C-terminal Domain	OH
SEQ ID NO:391	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAQTGFV	C-terminal Domain	OH
SEQ ID NO:392	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAACTGFV	C-terminal Domain	OH
SEQ ID NO:393	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAPGFV	C-terminal Domain	OH
SEQ ID NO:394	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAGGFV	C-terminal Domain	OH
SEQ ID NO:395	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAKGFV	C-terminal Domain	OH
SEQ ID NO:396	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAARGFV	C-terminal Domain	OH
SEQ ID NO:397	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAHGFV	C-terminal Domain	OH
SEQ ID NO:398	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAEGFV	C-terminal Domain	OH
SEQ ID NO:399	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAADGFV	C-terminal Domain	OH
SEQ ID NO:400	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAASGFV	C-terminal Domain	OH
SEQ ID NO:401	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAANGFV	C-terminal Domain	OH

FIG. 1N

SEQ ID NO:402	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAQGFV	C-terminal Domain	OH
SEQ ID NO:403	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAACGFV	C-terminal Domain	OH
SEQ ID NO:404	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATPFV	C-terminal Domain	OH
SEQ ID NO:405	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATKVF	C-terminal Domain	OH
SEQ ID NO:406	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATRFV	C-terminal Domain	OH
SEQ ID NO:407	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATHFV	C-terminal Domain	OH
SEQ ID NO:408	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATEFV	C-terminal Domain	OH
SEQ ID NO:409	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATDFV	C-terminal Domain	OH
SEQ ID NO:410	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATSFV	C-terminal Domain	OH
SEQ ID NO:411	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATTfV	C-terminal Domain	OH
SEQ ID NO:412	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATNFV	C-terminal Domain	OH
SEQ ID NO:413	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATQFV	C-terminal Domain	OH
SEQ ID NO:414	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATCFV	C-terminal Domain	OH
SEQ ID NO:415	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGPV	C-terminal Domain	OH
SEQ ID NO:416	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGGV	C-terminal Domain	OH
SEQ ID NO:417	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGKV	C-terminal Domain	OH
SEQ ID NO:418	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGRV	C-terminal Domain	OH
SEQ ID NO:419	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGHV	C-terminal Domain	OH
SEQ ID NO:420	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGEV	C-terminal Domain	OH
SEQ ID NO:421	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGDV	C-terminal Domain	OH
SEQ ID NO:422	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGSV	C-terminal Domain	OH
SEQ ID NO:423	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGTV	C-terminal Domain	OH
SEQ ID NO:424	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGNV	C-terminal Domain	OH
SEQ ID NO:425	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGQV	C-terminal Domain	OH
SEQ ID NO:426	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGCV	C-terminal Domain	OH
SEQ ID NO:427	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFP	C-terminal Domain	OH
SEQ ID NO:428	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFG	C-terminal Domain	OH
SEQ ID NO:429	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFK	C-terminal Domain	OH
SEQ ID NO:430	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFR	C-terminal Domain	OH

FIG. 10

SEQ ID NO:431	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFH	C-terminal Domain	OH
SEQ ID NO:432	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFE	C-terminal Domain	OH
SEQ ID NO:433	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFD	C-terminal Domain	OH
SEQ ID NO:434	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFS	C-terminal Domain	OH
SEQ ID NO:435	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFT	C-terminal Domain	OH
SEQ ID NO:436	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFN	C-terminal Domain	OH
SEQ ID NO:437	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFQ	C-terminal Domain	OH
SEQ ID NO:438	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFC	C-terminal Domain	OH
SEQ ID NO:439	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:440	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGF	C-terminal Domain	NH2
SEQ ID NO:441	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATG	C-terminal Domain	NH2
SEQ ID NO:442	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAT	C-terminal Domain	NH2
SEQ ID NO:443	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAA	C-terminal Domain	NH2
SEQ ID NO:444	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAA	C-terminal Domain	NH2
SEQ ID NO:445	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIA	C-terminal Domain	NH2
SEQ ID NO:446	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSI	C-terminal Domain	NH2
SEQ ID NO:447	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGS	C-terminal Domain	NH2
SEQ ID NO:448	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAG	C-terminal Domain	NH2
SEQ ID NO:449	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGA	C-terminal Domain	NH2
SEQ ID NO:450	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEG	C-terminal Domain	NH2
SEQ ID NO:451	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVE	C-terminal Domain	NH2
SEQ ID NO:452	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTV	C-terminal Domain	NH2
SEQ ID NO:453	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKT	C-terminal Domain	NH2
SEQ ID NO:454	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQK	C-terminal Domain	NH2
SEQ ID NO:455	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQ	C-terminal Domain	NH2
SEQ ID NO:456	H	N-terminal Domain	EQVTNVGGAVVTGVTAVA	C-terminal Domain	NH2
SEQ ID NO:457	H	N-terminal Domain	EQVTNVGGAVVTGVTAV	C-terminal Domain	NH2
SEQ ID NO:458	H	N-terminal Domain	EQVTNVGGAVVTGTA	C-terminal Domain	NH2
SEQ ID NO:459	H	N-terminal Domain	EQVTNVGGAVVTGVT	C-terminal Domain	NH2

FIG. 1P

SEQ ID NO:460	H	N-terminal Domain	EQVTNVGGAVVTGV	C-terminal Domain	NH2
SEQ ID NO:461	H	N-terminal Domain	EQVTNVGGAVVTG	C-terminal Domain	NH2
SEQ ID NO:462	H	N-terminal Domain	EQVTNVGGAVVT	C-terminal Domain	NH2
SEQ ID NO:463	H	N-terminal Domain	EQVTNVGGAVV	C-terminal Domain	NH2
SEQ ID NO:464	H	N-terminal Domain	EQVTNVGGAV	C-terminal Domain	NH2
SEQ ID NO:465	H	N-terminal Domain	EQVTNVGGA	C-terminal Domain	NH2
SEQ ID NO:466	H	N-terminal Domain	EQVTNVGG	C-terminal Domain	NH2
SEQ ID NO:467	H	N-terminal Domain	EQVTNVG	C-terminal Domain	NH2
SEQ ID NO:468	H	N-terminal Domain	EQVTNV	C-terminal Domain	NH2
SEQ ID NO:469	H	N-terminal Domain	EQVTN	C-terminal Domain	NH2
SEQ ID NO:470	H	N-terminal Domain	EQVT	C-terminal Domain	NH2
SEQ ID NO:471	H	N-terminal Domain	EQV	C-terminal Domain	NH2
SEQ ID NO:472	H	N-terminal Domain	EQ	C-terminal Domain	NH2
SEQ ID NO:473	H	N-terminal Domain	E	C-terminal Domain	NH2
SEQ ID NO:474	H	N-terminal Domain		C-terminal Domain	NH2
SEQ ID NO:475	H	N-terminal Domain	PQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:476	H	N-terminal Domain	GQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:477	H	N-terminal Domain	KQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:478	H	N-terminal Domain	RQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:479	H	N-terminal Domain	HQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:480	H	N-terminal Domain	DQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:481	H	N-terminal Domain	SQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:482	H	N-terminal Domain	TQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:483	H	N-terminal Domain	NQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:484	H	N-terminal Domain	QQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:485	H	N-terminal Domain	CQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:486	H	N-terminal Domain	EPVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:487	H	N-terminal Domain	EGVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:488	H	N-terminal Domain	EKVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1Q

SEQ ID NO:489	H	N-terminal Domain	ERTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:490	H	N-terminal Domain	EHVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:491	H	N-terminal Domain	EEVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:492	H	N-terminal Domain	EDVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:493	H	N-terminal Domain	ESVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:494	H	N-terminal Domain	ETVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:495	H	N-terminal Domain	ENVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:496	H	N-terminal Domain	ECVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:497	H	N-terminal Domain	EQPTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:498	H	N-terminal Domain	EQGTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:499	H	N-terminal Domain	EQKTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:500	H	N-terminal Domain	EQRTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:501	H	N-terminal Domain	EQHTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:502	H	N-terminal Domain	EQETNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:503	H	N-terminal Domain	EQDTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:504	H	N-terminal Domain	EQSTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:505	H	N-terminal Domain	EQJTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:506	H	N-terminal Domain	EQNTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:507	H	N-terminal Domain	EQQTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:508	H	N-terminal Domain	EQCTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:509	H	N-terminal Domain	EQVPNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:510	H	N-terminal Domain	EQVGNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:511	H	N-terminal Domain	EQVKNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:512	H	N-terminal Domain	EQVRNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:513	H	N-terminal Domain	EQVHNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:514	H	N-terminal Domain	EQVENVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:515	H	N-terminal Domain	EQVDNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:516	H	N-terminal Domain	EQVSNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:517	H	N-terminal Domain	EQVNNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1R

SEQ ID NO:518	H	N-terminal Domain	EQVQNVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:519	H	N-terminal Domain	EQVCNVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:520	H	N-terminal Domain	EQVTPVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:521	H	N-terminal Domain	EQVTGVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:522	H	N-terminal Domain	EQVTKVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:523	H	N-terminal Domain	EQVTRVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:524	H	N-terminal Domain	EQVTHVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:525	H	N-terminal Domain	EQVTEVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:526	H	N-terminal Domain	EQVTDVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:527	H	N-terminal Domain	EQVTSVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:528	H	N-terminal Domain	EQVTTVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:529	H	N-terminal Domain	EQVTQVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:530	H	N-terminal Domain	EQVTCVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:531	H	N-terminal Domain	EQVTNPVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:532	H	N-terminal Domain	EQVTNNGVGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:533	H	N-terminal Domain	EQVTNKGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:534	H	N-terminal Domain	EQVTNRGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:535	H	N-terminal Domain	EQVTNHGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:536	H	N-terminal Domain	EQVTNEGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:537	H	N-terminal Domain	EQVTNDGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:538	H	N-terminal Domain	EQVTNSGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:539	H	N-terminal Domain	EQVTNTGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:540	H	N-terminal Domain	EQVTNNGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:541	H	N-terminal Domain	EQVTNQGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:542	H	N-terminal Domain	EQVTNCGGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:543	H	N-terminal Domain	EQVTNPGAVVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:544	H	N-terminal Domain	EQVTNVKGA VVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:545	H	N-terminal Domain	EQVTNVRGA VVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:546	H	N-terminal Domain	EQVTNVHGA VVTGVTAVAAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2

FIG. 1S

SEQ ID NO:547	H	N-terminal Domain	EQVTNVEGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:548	H	N-terminal Domain	EQVTNVDGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:549	H	N-terminal Domain	EQVTNVSgAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:550	H	N-terminal Domain	EQVTNVTGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:551	H	N-terminal Domain	EQVTNVNGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:552	H	N-terminal Domain	EQVTNVQqAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:553	H	N-terminal Domain	EQVTNVCgAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:554	H	N-terminal Domain	EQVTNVGPAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:555	H	N-terminal Domain	EQVTNVGKAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:556	H	N-terminal Domain	EQVTNVGRAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:557	H	N-terminal Domain	EQVTNVGHAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:558	H	N-terminal Domain	EQVTNVGEAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:559	H	N-terminal Domain	EQVTNVGDAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:560	H	N-terminal Domain	EQVTNVGSaVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:561	H	N-terminal Domain	EQVTNVGTAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:562	H	N-terminal Domain	EQVTNVGNAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:563	H	N-terminal Domain	EQVTNVGQAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:564	H	N-terminal Domain	EQVTNVGCAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:565	H	N-terminal Domain	EQVTNVGGPVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:566	H	N-terminal Domain	EQVTNVGGGVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:567	H	N-terminal Domain	EQVTNVGGKVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:568	H	N-terminal Domain	EQVTNVGGRVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:569	H	N-terminal Domain	EQVTNVGGHVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:570	H	N-terminal Domain	EQVTNVGGEVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:571	H	N-terminal Domain	EQVTNVGGDVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:572	H	N-terminal Domain	EQVTNVGGSVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:573	H	N-terminal Domain	EQVTNVGGTVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:574	H	N-terminal Domain	EQVTNVGGNVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:575	H	N-terminal Domain	EQVTNVGGQVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1T

SEQ ID NO:576	H	N-terminal Domain	EQVTNVGGCVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:577	H	N-terminal Domain	EQVTNVGGAPVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:578	H	N-terminal Domain	EQVTNVGGAGVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:579	H	N-terminal Domain	EQVTNVGGAKVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:580	H	N-terminal Domain	EQVTNVGGARVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:581	H	N-terminal Domain	EQVTNVGGAHVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:582	H	N-terminal Domain	EQVTNVGGAETGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:583	H	N-terminal Domain	EQVTNVGGADVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:584	H	N-terminal Domain	EQVTNVGGASVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:585	H	N-terminal Domain	EQVTNVGGATVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:586	H	N-terminal Domain	EQVTNVGGANVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:587	H	N-terminal Domain	EQVTNVGGAQVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:588	H	N-terminal Domain	EQVTNVGGACVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:589	H	N-terminal Domain	EQVTNVGGAVPTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:590	H	N-terminal Domain	EQVTNVGGAVGTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:591	H	N-terminal Domain	EQVTNVGGAVKGTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:592	H	N-terminal Domain	EQVTNVGGAVRTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:593	H	N-terminal Domain	EQVTNVGGAVHTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:594	H	N-terminal Domain	EQVTNVGGAVETGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:595	H	N-terminal Domain	EQVTNVGGAVDGTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:596	H	N-terminal Domain	EQVTNVGGAVSTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:597	H	N-terminal Domain	EQVTNVGGAVTTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:598	H	N-terminal Domain	EQVTNVGGAVNTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:599	H	N-terminal Domain	EQVTNVGGAVQTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:600	H	N-terminal Domain	EQVTNVGGAVCTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:601	H	N-terminal Domain	EQVTNVGGAVPGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:602	H	N-terminal Domain	EQVTNVGGAVVGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:603	H	N-terminal Domain	EQVTNVGGAVVKGTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:604	H	N-terminal Domain	EQVTNVGGAVVRGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1U

SEQ ID NO:605	H	N-terminal Domain	EQVTNVGAVVHGVTAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:606	H	N-terminal Domain	EQVTNVGAVVEGVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:607	H	N-terminal Domain	EQVTNVGAVVDGVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:608	H	N-terminal Domain	EQVTNVGAVVSGVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:609	H	N-terminal Domain	EQVTNVGAVVNGVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:610	H	N-terminal Domain	EQVTNVGAVVQGVTAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:611	H	N-terminal Domain	EQVTNVGAVVCGVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:612	H	N-terminal Domain	EQVTNVGAVVTPVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:613	H	N-terminal Domain	EQVTNVGAVVTKVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:614	H	N-terminal Domain	EQVTNVGAVVTRVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:615	H	N-terminal Domain	EQVTNVGAVVTHVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:616	H	N-terminal Domain	EQVTNVGAVVTEVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:617	H	N-terminal Domain	EQVTNVGAVVTDVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:618	H	N-terminal Domain	EQVTNVGAVVTSVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:619	H	N-terminal Domain	EQVTNVGAVVTTVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:620	H	N-terminal Domain	EQVTNVGAVVTNVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:621	H	N-terminal Domain	EQVTNVGAVVTQVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:622	H	N-terminal Domain	EQVTNVGAVVTCVTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:623	H	N-terminal Domain	EQVTNVGAVVTGPTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:624	H	N-terminal Domain	EQVTNVGAVVTGGTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:625	H	N-terminal Domain	EQVTNVGAVVTGKTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:626	H	N-terminal Domain	EQVTNVGAVVTGRTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:627	H	N-terminal Domain	EQVTNVGAVVTGHTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:628	H	N-terminal Domain	EQVTNVGAVVTGETAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:629	H	N-terminal Domain	EQVTNVGAVVTGDTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:630	H	N-terminal Domain	EQVTNVGAVVTGSTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:631	H	N-terminal Domain	EQVTNVGAVVTGTTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:632	H	N-terminal Domain	EQVTNVGAVVTGNTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2
SEQ ID NO:633	H	N-terminal Domain	EQVTNVGAVVTGQTAVAQAQKTVEGAGSIAAAATGFV	C-terminal Domain	NH2

FIG. 1V

SEQ ID NO:634	H	N-terminal Domain	EQVTNVGGAVVTGCTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:635	H	N-terminal Domain	EQVTNVGGAVVTGVPVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:636	H	N-terminal Domain	EQVTNVGGAVVTGAVGAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:637	H	N-terminal Domain	EQVTNVGGAVVTGVKAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:638	H	N-terminal Domain	EQVTNVGGAVVTGVRVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:639	H	N-terminal Domain	EQVTNVGGAVVTGVHAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:640	H	N-terminal Domain	EQVTNVGGAVVTGVEAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:641	H	N-terminal Domain	EQVTNVGGAVVTGVDVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:642	H	N-terminal Domain	EQVTNVGGAVVTGVSVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:643	H	N-terminal Domain	EQVTNVGGAVVTGVNAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:644	H	N-terminal Domain	EQVTNVGGAVVTGVQVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:645	H	N-terminal Domain	EQVTNVGGAVVTGVCVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:646	H	N-terminal Domain	EQVTNVGGAVVTGTPVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:647	H	N-terminal Domain	EQVTNVGGAVVTGTVGAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:648	H	N-terminal Domain	EQVTNVGGAVVTGTVKVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:649	H	N-terminal Domain	EQVTNVGGAVVTGTVRVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:650	H	N-terminal Domain	EQVTNVGGAVVTGTVHVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:651	H	N-terminal Domain	EQVTNVGGAVVTGTVQVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:652	H	N-terminal Domain	EQVTNVGGAVVTGTVDVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:653	H	N-terminal Domain	EQVTNVGGAVVTGTVSVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:654	H	N-terminal Domain	EQVTNVGGAVVTGTVTVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:655	H	N-terminal Domain	EQVTNVGGAVVTGTVNVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:656	H	N-terminal Domain	EQVTNVGGAVVTGTVQVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:657	H	N-terminal Domain	EQVTNVGGAVVTGTVCAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:658	H	N-terminal Domain	EQVTNVGGAVVTGTVTAPAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:659	H	N-terminal Domain	EQVTNVGGAVVTGTVTAGAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:660	H	N-terminal Domain	EQVTNVGGAVVTGTVTAKAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:661	H	N-terminal Domain	EQVTNVGGAVVTGTVTARAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:662	H	N-terminal Domain	EQVTNVGGAVVTGTVTAHAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1W

SEQ ID NO:663	H	N-terminal Domain	EQVTNVGGAVVTGVTAEAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:664	H	N-terminal Domain	EQVTNVGGAVVTGVTADAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:665	H	N-terminal Domain	EQVTNVGGAVVTGVTASAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:666	H	N-terminal Domain	EQVTNVGGAVVTGVTATAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:667	H	N-terminal Domain	EQVTNVGGAVVTGVTANAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:668	H	N-terminal Domain	EQVTNVGGAVVTGVTAAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:669	H	N-terminal Domain	EQVTNVGGAVVTGVTACAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:670	H	N-terminal Domain	EQVTNVGGAVVTGVTAVPQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:671	H	N-terminal Domain	EQVTNVGGAVVTGVTAVGQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:672	H	N-terminal Domain	EQVTNVGGAVVTGVTAVKQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:673	H	N-terminal Domain	EQVTNVGGAVVTGVTAVRQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:674	H	N-terminal Domain	EQVTNVGGAVVTGVTAVHQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:675	H	N-terminal Domain	EQVTNVGGAVVTGVTAVEQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:676	H	N-terminal Domain	EQVTNVGGAVVTGVTAVDQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:677	H	N-terminal Domain	EQVTNVGGAVVTGVTAVSQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:678	H	N-terminal Domain	EQVTNVGGAVVTGVTAVTKQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:679	H	N-terminal Domain	EQVTNVGGAVVTGVTAVNQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:680	H	N-terminal Domain	EQVTNVGGAVVTGVTAVQQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:681	H	N-terminal Domain	EQVTNVGGAVVTGVTAVCQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:682	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAPKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:683	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAGKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:684	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAKKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:685	H	N-terminal Domain	EQVTNVGGAVVTGVTAVARKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:686	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAHKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:687	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAEKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:688	H	N-terminal Domain	EQVTNVGGAVVTGVTAVADKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:689	H	N-terminal Domain	EQVTNVGGAVVTGVTAVASKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:690	H	N-terminal Domain	EQVTNVGGAVVTGVTAVATKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:691	H	N-terminal Domain	EQVTNVGGAVVTGVTAVANKTVEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1X

SEQ ID NO:692	H	N-terminal Domain	EQVTNVGGAVVTGVTAVACKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:693	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQPTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:694	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQAQGTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:695	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQRTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:696	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQHTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:697	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQETVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:698	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQDTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:699	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQSTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:700	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQTTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:701	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQNTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:702	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQQTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:703	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQCTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:704	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKPEVGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:705	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKQVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:706	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKKVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:707	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKRVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:708	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKHVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:709	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKEVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:710	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKQVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:711	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKQVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:712	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKNVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:713	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKQVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:714	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKQVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:715	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTPEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:716	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTGEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:717	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTKEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:718	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTREGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:719	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTHEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:720	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTEEGAGSIAAATGFV	C-terminal Domain	NH2

FIG. 1Y

SEQ ID NO:721	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTDEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:722	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTSEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:723	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTTEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:724	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTNEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:725	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTQEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:726	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTCEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:727	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVPGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:728	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVGGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:729	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVKGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:730	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVRGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:731	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVHGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:732	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVDGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:733	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTMSGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:734	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVTGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:735	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVMGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:736	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVMGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:737	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVMGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:738	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEPAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:739	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEKAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:740	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVERAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:741	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEHAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:742	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEEAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:743	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEDAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:744	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVESAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:745	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:746	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVENAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:747	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEQAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:748	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:749	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGPGSIAAATGFV	C-terminal Domain	NH2

FIG. 1Z

SEQ ID NO:750	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGGGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:751	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGKGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:752	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGRGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:753	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGHGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:754	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGEGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:755	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGDGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:756	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGSGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:757	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGTGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:758	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGNGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:759	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGQGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:760	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGCGSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:761	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAPSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:762	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAKSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:763	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGARSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:764	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAHSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:765	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAESIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:766	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGADSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:767	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGASSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:768	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGATSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:769	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGANSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:770	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAQSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:771	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGACSIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:772	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGPIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:773	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGGIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:774	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGKIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:775	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGRIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:776	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGHIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:777	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGEIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:778	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGDIAAATGFV	C-terminal Domain	NH2

FIG. 1AA

SEQ ID NO:779	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGTIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:780	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGNIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:781	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGQIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:782	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGCIAAATGFV	C-terminal Domain	NH2
SEQ ID NO:783	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSPAAATGFV	C-terminal Domain	NH2
SEQ ID NO:784	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSGAAATGFV	C-terminal Domain	NH2
SEQ ID NO:785	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSKAAATGFV	C-terminal Domain	NH2
SEQ ID NO:786	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSRAAATGFV	C-terminal Domain	NH2
SEQ ID NO:787	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSHAAATGFV	C-terminal Domain	NH2
SEQ ID NO:788	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSEAAATGFV	C-terminal Domain	NH2
SEQ ID NO:789	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSDAAATGFV	C-terminal Domain	NH2
SEQ ID NO:790	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSAAATGFV	C-terminal Domain	NH2
SEQ ID NO:791	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSTAAATGFV	C-terminal Domain	NH2
SEQ ID NO:792	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSNAATGFV	C-terminal Domain	NH2
SEQ ID NO:793	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSQAAATGFV	C-terminal Domain	NH2
SEQ ID NO:794	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSCAAATGFV	C-terminal Domain	NH2
SEQ ID NO:795	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIPAATGFV	C-terminal Domain	NH2
SEQ ID NO:796	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIGAATGFV	C-terminal Domain	NH2
SEQ ID NO:797	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIKAATGFV	C-terminal Domain	NH2
SEQ ID NO:798	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIRAATGFV	C-terminal Domain	NH2
SEQ ID NO:799	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIHAATGFV	C-terminal Domain	NH2
SEQ ID NO:800	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIEAATGFV	C-terminal Domain	NH2
SEQ ID NO:801	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIDAATGFV	C-terminal Domain	NH2
SEQ ID NO:802	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSISAATGFV	C-terminal Domain	NH2
SEQ ID NO:803	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSITAATGFV	C-terminal Domain	NH2
SEQ ID NO:804	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSINAATGFV	C-terminal Domain	NH2
SEQ ID NO:805	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIQAATGFV	C-terminal Domain	NH2
SEQ ID NO:806	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSICAATGFV	C-terminal Domain	NH2
SEQ ID NO:807	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAPATGFV	C-terminal Domain	NH2

FIG. 1BB

SEQ ID NO:808	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAGATGFV	C-terminal Domain	NH2
SEQ ID NO:809	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAKATGFV	C-terminal Domain	NH2
SEQ ID NO:810	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIARATGFV	C-terminal Domain	NH2
SEQ ID NO:811	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAHATGFV	C-terminal Domain	NH2
SEQ ID NO:812	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAEATGFV	C-terminal Domain	NH2
SEQ ID NO:813	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIADATGFV	C-terminal Domain	NH2
SEQ ID NO:814	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIASATGFV	C-terminal Domain	NH2
SEQ ID NO:815	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIATATGFV	C-terminal Domain	NH2
SEQ ID NO:816	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIANATGFV	C-terminal Domain	NH2
SEQ ID NO:817	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAQATGFV	C-terminal Domain	NH2
SEQ ID NO:818	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIACATGFV	C-terminal Domain	NH2
SEQ ID NO:819	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAPTGFV	C-terminal Domain	NH2
SEQ ID NO:820	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAGTGFV	C-terminal Domain	NH2
SEQ ID NO:821	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAKTGFV	C-terminal Domain	NH2
SEQ ID NO:822	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAARTGFV	C-terminal Domain	NH2
SEQ ID NO:823	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAHTGFV	C-terminal Domain	NH2
SEQ ID NO:824	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAETGFV	C-terminal Domain	NH2
SEQ ID NO:825	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAADTGFV	C-terminal Domain	NH2
SEQ ID NO:826	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAASTGFV	C-terminal Domain	NH2
SEQ ID NO:827	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAATTGFV	C-terminal Domain	NH2
SEQ ID NO:828	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAANTGFV	C-terminal Domain	NH2
SEQ ID NO:829	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAQTGFV	C-terminal Domain	NH2
SEQ ID NO:830	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAACTGFV	C-terminal Domain	NH2
SEQ ID NO:831	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAPGFV	C-terminal Domain	NH2
SEQ ID NO:832	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAGGFV	C-terminal Domain	NH2
SEQ ID NO:833	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAKGFV	C-terminal Domain	NH2
SEQ ID NO:834	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAARGFV	C-terminal Domain	NH2
SEQ ID NO:835	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAHGFV	C-terminal Domain	NH2
SEQ ID NO:836	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAEGFV	C-terminal Domain	NH2

FIG. 1CC

SEQ ID NO:837	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAADGFV	C-terminal Domain	NH2
SEQ ID NO:838	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAASGFV	C-terminal Domain	NH2
SEQ ID NO:839	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAANGFV	C-terminal Domain	NH2
SEQ ID NO:840	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAQGFV	C-terminal Domain	NH2
SEQ ID NO:841	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAACGFV	C-terminal Domain	NH2
SEQ ID NO:842	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATPFV	C-terminal Domain	NH2
SEQ ID NO:843	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATKFV	C-terminal Domain	NH2
SEQ ID NO:844	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATRFV	C-terminal Domain	NH2
SEQ ID NO:845	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATHFV	C-terminal Domain	NH2
SEQ ID NO:846	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATEFV	C-terminal Domain	NH2
SEQ ID NO:847	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATDFV	C-terminal Domain	NH2
SEQ ID NO:848	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATSFV	C-terminal Domain	NH2
SEQ ID NO:849	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATTfV	C-terminal Domain	NH2
SEQ ID NO:850	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATNFV	C-terminal Domain	NH2
SEQ ID NO:851	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATQFV	C-terminal Domain	NH2
SEQ ID NO:852	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATCFV	C-terminal Domain	NH2
SEQ ID NO:853	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGPV	C-terminal Domain	NH2
SEQ ID NO:854	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGGV	C-terminal Domain	NH2
SEQ ID NO:855	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGKV	C-terminal Domain	NH2
SEQ ID NO:856	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGRV	C-terminal Domain	NH2
SEQ ID NO:857	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGHV	C-terminal Domain	NH2
SEQ ID NO:858	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGEV	C-terminal Domain	NH2
SEQ ID NO:859	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGDV	C-terminal Domain	NH2
SEQ ID NO:860	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGSV	C-terminal Domain	NH2
SEQ ID NO:861	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGTV	C-terminal Domain	NH2
SEQ ID NO:862	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGNV	C-terminal Domain	NH2
SEQ ID NO:863	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGQV	C-terminal Domain	NH2
SEQ ID NO:864	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGCV	C-terminal Domain	NH2
SEQ ID NO:865	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAATGFP	C-terminal Domain	NH2

FIG. 1DD

SEQ ID NO:866	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFG	C-terminal Domain	NH2
SEQ ID NO:867	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFK	C-terminal Domain	NH2
SEQ ID NO:868	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFR	C-terminal Domain	NH2
SEQ ID NO:869	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFH	C-terminal Domain	NH2
SEQ ID NO:870	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFE	C-terminal Domain	NH2
SEQ ID NO:871	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFD	C-terminal Domain	NH2
SEQ ID NO:872	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFS	C-terminal Domain	NH2
SEQ ID NO:873	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFT	C-terminal Domain	NH2
SEQ ID NO:874	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFN	C-terminal Domain	NH2
SEQ ID NO:875	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFQ	C-terminal Domain	NH2
SEQ ID NO:876	H	N-terminal Domain	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAATGFC	C-terminal Domain	NH2

FIG. 1EE