

FIGURE 1A

DESIGNATION	SEQUENCE	SEQ ID NO
Z12964	VDKYYAKEAEDATMEIYNLPNLTTRRQYVAFI IKLLDDPSQSSELLSEAKKLND SQAPK	1
Z12933	VDKYYAKEAKTAQIEIYDLPNLTTRRQYVAFIRKLLDDPSQSSELLSEAKKLND SQAPK	2
Z12922	VDKYYAKEDEQAQLEIFNLPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	3
Z12941	VDKYYAKEVLYAYWEIFALPNLTTRKQYTA FIRKLLMDPSQSSELLSEAKKLND SQAPK	4
Z12915	VDKYYAKEVKWAHHEIFQLPNLTTRKQYTA FIRKLLFDDPSQSSELLSEAKKLND SQAPK	5
Z12975	VDKYYAKEAHNAQQEIRLPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	6
Z12905	VDKYYAKEARAAQQEIVALPNLTTRRQYTA FIMKLLDDPSQSSELLSEAKKLND SQAPK	7
Z12974	VDKYYAKEADHAQQEIFALPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	8
Z12967	VDKYYAKEAHRAQMEIFALPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	9
Z12912	VDKYYAKEALLAQQEIFALPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	10
Z12910	VDKYYAKEALSAQQEIFALPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	11
Z12895	VDKYYAKEALSAQQEIFALPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	12
Z12884	VDKYYAKEASLAQHEIFALPNLTTRKQYTA FIRKLLFDDPSQSSELLSEAKKLND SQAPK	13
Z12920	VDKYYAKEAVYARDEIYLLPNLTTRKQYTA FIRKLLFDDPSQSSELLSEAKKLND SQAPK	14
Z12917	VDKYYAKEARQAYAEIYLLPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	15
Z12961	VDKYYAKEARSAYAEIYGLPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	16
Z12929	VDKYYAKEQADAYAEIYSLPNLTTRKQYVAFIRKLLDDPSQSSELLSEAKKLND SQAPK	17
Z12911	VDKYYAKEHEKAI LEIFHLPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	18
Z12891	VDKYYAKEQSQAYHEIFKLPNLTTRRQYTA FIMKLLDDPSQSSELLSEAKKLND SQAPK	19
Z15810	VDKYYAKEVTDAQLEIFALPNLTTRKQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	20
Z15811	VDKYYAKEVEEAQMEIFELPNLTTRKQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	21
Z15812	VDKYYAKEVESAQMEIFYLPNLTTRKQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	22
Z15813	VDKYYAKEVDEAYMEIYRLPNLTTRKQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	23
Z15814	VDKYYAKELENAYMEIYLLPNLTTRKQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	24
Z15815	VDKYYAKELESAYMEIFNLPNLTTRKQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	25
Z15816	VDKYYAKEVEEAQMEIFGLPNLTTRRQYTA FIRKLLDDPSQSSELLSEAKKLND SQAPK	26
Z15817	VDKYYAKE TEDAQMEIFALPNLTTRKQYTA FIRKLLFDDPSQSSELLSEAKKLND SQAPK	27
Z15818	VDKYYAKEVEQAQMEIYNLPNLTTRKQYTA FIRKLLFDDPSQSSELLSEAKKLND SQAPK	28

FIGURE 1B

Z15819	VDKYYAKEAYVAQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	29
Z15820	VDKYYAKEAYNAQMEIFGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	30
Z15821	VDKYYAKELEEAQMEIFYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	31
Z15822	VDKYYAKEIEAAQMEIFTLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	32
Z15823	VDKYYAKEVEQAQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	33
Z15824	VDKYYAKEIEEAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	34
Z15825	VDKYYAKETYNAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	35
Z15826	VDKYYAKEVERAQMEIFDLPNLTRRQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	36
Z15827	VDKYYAKEIESAQMEIYYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	37
Z15828	VDKYYAKEVHAAQMEIFYLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	38
Z15829	VDKYYAKETYEAQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	39
Z15830	VDKYYAKEIEDAYMEIYGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	40
Z15831	VDKYYAKEAERAQMEIFDLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	41
Z15832	VDKYYAKEVEIAQMEIFYLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	42
Z15833	VDKYYAKEVEFAQMEIFKLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	43
Z15834	VDKYYAKEVITAQMEIFYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	44
Z15835	VDKYYAKEIEEAQMEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	45
Z15836	VDKYYAKETEAAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	46
Z15837	VDKYYAKEIENAQMEIYYLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	47
Z15839	VDKYYAKETVEAYEEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	48
Z15840	VDKYYAKEVEVAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	49
Z15841	VDKYYAKEVEDAYMEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	50
Z15842	VDKYYAKEIEVAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	51
Z15843	VDKYYAKEVEQAQMEIYGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	52
Z15844	VDKYYAKEVDQAYMEIYRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	53
Z15845	VDKYYAKEVEDAQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	54
Z15846	VDKYYAKEIEEAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	55
Z15847	VDKYYAKEVYVAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	56
Z15848	VDKYYAKEIEEAQMEIFRLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	57

FIGURE 1C

Z15849	VDKYAKEVEHAQMEIFYLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	58
Z15850	VDKYAKEIEIAQMEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	59
Z15851	VDKYAKEVVEAYQEIFQLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	60
Z15852	VDKYAKEAEFAQMEIFEPLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	61
Z15853	VDKYAKEVELAQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	62
Z15854	VDKYAKEVEVAQMEIYGLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	63
Z15855	VDKYAKEIESAQMEIFNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	64
Z15856	VDKYAKEVERAQFEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	65
Z15857	VDKYAKEVKEAQDEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	66
Z15858	VDKYAKEVEKAQMEIFNLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	67
Z15859	VDKYAKEVEFAQMEIFRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	68
Z15860	VDKYAKEVEQAQMEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	69
Z15861	VDKYAKEVENAQMEIFALPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	70
Z15862	VDKYAKEVEIAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	71
Z15863	VDKYAKEIESAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	72
Z15864	VDKYAKEIENAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	73
Z15865	VDKYAKEIEDAQMEIYFLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	74
Z15866	VDKYAKELEKAQMEIYRLPNLTTRRQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	75
Z15867	VDKYAKETIEAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	76
Z15868	VDKYAKEVEWAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	77
Z15869	VDKYAKEVQAQYEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	78
Z15870	VDKYAKEVEYQAQMEIFFLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	79
Z15871	VDKYAKEVELAYFEIYALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	80
Z15872	VDKYAKEVEKAQMEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	81
Z15873	VDKYAKEAEIAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	82
Z15874	VDKYAKEVEKAYYEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	83
Z15875	VDKYAKELEDAYFEIYFLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	84
Z15877	VDKYAKEVEEAQMEIFYLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	85
Z15878	VDKYAKEAADAYQEIFQLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	86

FIGURE 1D

Z15879	VDKYAKEVEIAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	87
Z15880	VDKYAKEVEIAQMEIFSLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	88
Z15881	VDKYAKEIEKAQMEIFRLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	89
Z15882	VDKYAKEVEEAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	90
Z15883	VDKYAKETEIAQMEIFGLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	91
Z15884	VDKYAKEIHDAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	92
Z15885	VDKYAKETEKAAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	93
Z15886	VDKYAKEVERAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	94
Z15887	VDKYAKEVKEAQMEIFVLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	95
Z15888	VDKYAKEVEDAQMEIFSLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	96
Z15889	VDKYAKEVEAAQMEIFSLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	97
Z15890	VDKYAKEAEKAYFEIYELPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	98
Z15891	VDKYAKEIDKAYMEIFRLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	99
Z15892	VDKYAKETEYAAQMEIFNLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	100
Z15893	VDKYAKEVEQAQMEIFHLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	101
Z15894	VDKYAKEVEIAQMEIFILPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	102
Z15895	VDKYAKEIEQAQMEIFGLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	103
Z15896	VDKYAKELDEAYMEIFGLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	104
Z15897	VDKYAKE TENAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	105
Z15898	VDKYAKEVESAAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	106
Z15899	VDKYAKEIENAAQMEIFNLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	107
Z15900	VDKYAKEVIDAAQMEIFNLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	108
Z15901	VDKYAKELYEAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	109
Z15902	VDKYAKEVETAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	110
Z15903	VDKYAKEVEFAQMEIYALPNLTRRQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	111
Z15904	VDKYAKEVEEAQQEIQFQPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	112
Z15905	VDKYAKEVESAAQMEIYNLPNLTRRQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	113
Z15906	VDKYAKETEQAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	114
Z15907	VDKYAKELEAAAYFEIYELPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	115

FIGURE 1E

Z15908	VDKYYAKEVEEAYMEIYNLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	116
Z15909	VDKYYAKEVEVAYMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	117
Z15910	VDKYYAKEIEQAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	118
Z15911	VDKYYAKEIEVAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	119
Z15912	VDKYYAKEVEEAAQMEIFVLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	120
Z15913	VDKYYAKEVEEAAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	121
Z15914	VDKYYAKEVETAQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	122
Z15915	VDKYYAKEAENAQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	123
Z15916	VDKYYAKEIERAQHEIFNLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	124
Z15917	VDKYYAKEVEEAAQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	125
Z15918	VDKYYAKELEAAQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	126
Z15919	VDKYYAKEVVSAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	127
Z15920	VDKYYAKEVEDAQMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	128
Z15921	VDKYYAKEVEEAAQMEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	129
Z15922	VDKYYAKEIEKAQMEIFKLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	130
Z15923	VDKYYAKETYYAQMEIFTLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	131
Z15924	VDKYYAKETYEAAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	132
Z15925	VDKYYAKEIEEAAQMEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	133
Z15926	VDKYYAKEVQEAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	134
Z15927	VDKYYAKEIEEAAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	135
Z15928	VDKYYAKELEAAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	136
Z15929	VDKYYAKETERAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	137
Z15930	VDKYYAKEIEHAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	138
Z15933	VDKYYAKEVEDAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	139
Z15935	VDKYYAKEVEEAAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	140
Z15936	VDKYYAKEVVAAQMEIYQLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	141
Z15937	VDKYYAKETYYAAQMEIFNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	142
Z15938	VDKYYAKEVEQAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	143
Z15939	VDKYYAKEIEKAQMEIYQLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	144

FIGURE 1F

Z15940	VDKYYAKEAEVAYFEIYKLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	145
Z15941	VDKYYAKEAIDAYDEIYALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	146
Z15942	VDKYYAKEVEDAQMEIYFLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	147
Z15943	VDKYYAKEIENAQMEIFYLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	148
Z15944	VDKYYAKEVDDAYMEIFRLPNLTTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	149
Z15945	VDKYYAKEVEEAQMEIFSLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	150
Z15946	VDKYYAKEVESAQMEIFKLPNLTTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	151
Z15947	VDKYYAKETEIAQMEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	152
Z15948	VDKYYAKEVERAQMEIFDLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	153
Z15949	VDKYYAKETETAQMEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	154
Z15950	VDKYYAKEIEY AQMEIFALPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	155
Z15951	VDKYYAKELER AQMEIYHLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	156
Z15952	VDKYYAKESEIAQMEIFALPNLTTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	157
Z15953	VDKYYAKETEK AQMEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	158
Z15954	VDKYYAKEVEN AQMEIFNLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	159
Z15955	VDKYYAKEVEEAQLEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	160
Z15956	VDKYYAKEVKEAQLEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	161
Z15957	VDKYYAKEVQEAQMEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	162
Z15958	VDKYYAKEVQFAYMEIFHLPNLTTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	163
Z15959	VDKYYAKELEHAYMEIYALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	164
Z15960	VDKYYAKETEAAQMEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	165
Z15961	VDKYYAKEVETAQMEIFALPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	166
Z15962	VDKYYAKELEKAQMEIYYLPNLTTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	167
Z15963	VDKYYAKEIEEAQMEIYDLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	168
Z15964	VDKYYAKELESAYMEIYSLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	169
Z15965	VDKYYAKEIEVAQMEIFSLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	170
Z15966	VDKYYAKEVELAQMEIFELPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	171
Z15967	VDKYYAKEIEEAQMEIFTLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	172
Z15968	VDKYYAKEIEAAQMEIYYLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	173

FIGURE 1G

Z15969	VDKYAKEIEEAYMEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	174
Z15970	VDKYAKEVEFAQLEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	175
Z15971	VDKYAKEIEEAAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	176
Z15972	VDKYAKEVEQAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	177
Z15973	VDKYAKEAFTAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	178
Z15974	VDKYAKEETHQAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	179
Z15976	VDKYAKEVEDAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	180
Z15977	VDKYAKEVEQAQMEIYVLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	181
Z15978	VDKYAKEVEEAAQMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	182
Z15979	VDKYAKEVEEAAQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	183
Z15980	VDKYAKEIEEAAQMEIYALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	184
Z15981	VDKYAKEIEQAQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	185
Z15982	VDKYAKETEEAAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	186
Z15983	VDKYAKEIERAAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	187
Z15984	VDKYAKELESAAQMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	188
Z15985	VDKYAKEVEEAAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	189
Z15986	VDKYAKEVEEAAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	190
Z15987	VDKYAKEVEEAAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	191
Z15988	VDKYAKEVEKAQMEIFGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	192
Z15989	VDKYAKEVEQAQMEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	193
Z15990	VDKYAKELEHAYHEIYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	194
Z15991	VDKYAKEIEEAAQMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	195
Z15992	VDKYAKEVEDAQQEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	196
Z15993	VDKYAKEIEIAQMEIYALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	197
Z15994	VDKYAKEVEWAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	198
Z15995	VDKYAKEVLDAAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	199
Z15996	VDKYAKEVESAAQMEIFNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	200
Z15997	VDKYAKEIEEAAQMEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	201
Z15998	VDKYAKEIEDAAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	202

FIGURE 1H

Z15999	VDKYYAKEVEIAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	203
Z16000	VDKYYAKEAYRAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	204
Z16001	VDKYYAKEVELAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	205
Z16002	VDKYYAKETEHAQMEIYNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	206
Z16003	VDKYYAKEVYIAQMEIYGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	207
Z16004	VDKYYAKEVEVAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	208
Z16005	VDKYYAKELEDAQMEIFKLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	209
Z16006	VDKYYAKEIEQAQMEIFALPNLTRKQYTA	FIKLFDDPSQSSELLSEAKKLND	SQAPK	210
Z16007	VDKYYAKEVEIAQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	211
Z16008	VDKYYAKEVEVAQMEIFNLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	212
Z16009	VDKYYAKEVEEAQLEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	213
Z16010	VDKYYAKETEQAQMEIFNLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	214
Z16011	VDKYYAKEIEVAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	215
Z16012	VDKYYAKEVEQAQMEIFFLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	216
Z16013	VDKYYAKEIESAQMEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	217
Z16014	VDKYYAKEIEKAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	218
Z16015	VDKYYAKEVEEAQMEIYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	219
Z16016	VDKYYAKEVEDAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	220
Z16017	VDKYYAKEVEEAQMEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	221
Z16018	VDKYYAKEVELAQMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	222
Z16019	VDKYYAKETEYAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	223
Z16020	VDKYYAKEVEAAQMEIYGLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	224
Z16021	VDKYYAKEVEVAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	225
Z16022	VDKYYAKEIEFAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	226
Z16023	VDKYYAKEVEEAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	227
Z16024	VDKYYAKEVEEAQMEIFTLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	228
Z16025	VDKYYAKEVEVAYMEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	229
Z16026	VDKYYAKEVEKAQMEIYYLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	230
Z16027	VDKYYAKEVYQAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	231

FIGURE 1I

Z16028	VDKYAKEIRDAQMEIFDLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	232
Z16029	VDKYAKEIEDAQLEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	233
Z16030	VDKYAKEVEYAAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	234
Z16031	VDKYAKEAYYAAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	235
Z16032	VDKYAKEAEDAYMEIYELPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	236
Z16033	VDKYAKEIEDAYMEIYRLPNLTRRQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	237
Z16034	VDKYAKEVEEAAQMEIFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	238
Z16035	VDKYAKELEEAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	239
Z16036	VDKYAKEVETAQMEIFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	240
Z16037	VDKYAKEIEDAQMEIFQLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	241
Z16038	VDKYAKEVEDAQMEIFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	242
Z16039	VDKYAKEVEEAYMEIYHLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	243
Z16040	VDKYAKEVQDAQMEIFELPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	244
Z16041	VDKYAKEIETAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	245
Z16042	VDKYAKEVEDAQMEIFGLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	246
Z16043	VDKYAKETEEAAQMEIFRLPNLTRRQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	247
Z16044	VDKYAKEVERAQMEIFNLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	248
Z16045	VDKYAKEAEYAAQMEIFALPNLTRRQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	249
Z16046	VDKYAKEIYSAQMEIFKLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	250
Z16047	VDKYAKEIEKAQMEIFSLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	251
Z16048	VDKYAKEIEEAQMEIYYLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	252
Z16049	VDKYAKEVEQAQMEIFSLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	253
Z16050	VDKYAKEVEAAQMEIFNLPNLTRRQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	254
Z16051	VDKYAKEVESAAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	255
Z16052	VDKYAKEIEAAQMEIFDLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	256
Z16053	VDKYAKETERAQMEIFALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	257
Z16054	VDKYAKEAEVAYFEIYALPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	258
Z16055	VDKYAKEIEEAQMEIFGLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	259
Z16056	VDKYAKEVEQAQMEIFGLPNLTRKQYTA	IRKLDDPSQSSELLSEAKKLND	SQAPK	260

FIGURE 1J

Z16057	VDKYYAKEEEEEQAQMEIFTLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	261
Z16058	VDKYYAKEVEEEAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	262
Z16059	VDKYYAKETYYAQMEIFS LPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	263
Z16060	VDKYYAKEVEEEAQMEIYSLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	264
Z16061	VDKYYAKEIEAAQMEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	265
Z16062	VDKYYAKEIEEAQMEIFYLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	266
Z16063	VDKYYAKEIESAQMEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	267
Z16065	VDKYYAKEVEEEAQMEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	268
Z16066	VDKYYAKEEEEEAYYEIFGLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	269
Z16067	VDKYYAKEVEIEAYFEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	270
Z16068	VDKYYAKEVEVAQLEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	271
Z16069	VDKYYAKEVEEEAQMEIYF LPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	272
Z16070	VDKYYAKEIEEAQMEIYR LPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	273
Z16071	VDKYYAKEVRAAQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	274
Z16072	VDKYYAKEVEIAQMEIYFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	275
Z16073	VDKYYAKEAERAQMEIWKLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	276
Z16074	VDKYYAKETESAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	277
Z16075	VDKYYAKEVEEEAQMEIFALPNLTRKQYTA FI I KLFDDPSQSSELLSEAKKLND SQAPK	278
Z16076	VDKYYAKELEAAQMEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	279
Z16077	VDKYYAKEVEVAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	280
Z16078	VDKYYAKEVEVAQMEIFELPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	281
Z16079	VDKYYAKEVEEEAQMEIFFLPNLTRKQYTA FI I KLFDDPSQSSELLSEAKKLND SQAPK	282
Z16080	VDKYYAKEVEAAAYMEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	283
Z16081	VDKYYAKEAEYAYYEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	284
Z16082	VDKYYAKEVESAQMEIFALPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	285
Z16083	VDKYYAKELEQAQMEIFALPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	286
Z16084	VDKYYAKEIEIAQMEIFELPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	287
Z16086	VDKYYAKEVESAQMEIFALPNLTRKQYTA FI I KLFDDPSQSSELLSEAKKLND SQAPK	288
Z16087	VDKYYAKEAENAQMEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	289

FIGURE 1K

Z16088	VDKYYAKEVTTAYYEIYNLPNLTTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	290
Z16089	VDKYYAKEIESAYYEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	291
Z16090	VDKYYAKEVEEAAQMEIFYLPNLTTRRQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	292
Z16092	VDKYYAKEIEQAQMEIYRLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	293
Z16093	VDKYYAKETEAAQMEIFALPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	294
Z16094	VDKYYAKEVEEAAQMEIFYLPNLTTRRQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	295
Z16095	VDKYYAKEAAAAHWEIYNLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	296
Z16096	VDKYYAKEVERAAQMEIFGLPNLTTRRQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	297
Z16097	VDKYYAKETERAAQMEIFSLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	298
Z16098	VDKYYAKEVEEAAQMEIYVLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	299
Z16099	VDKYYAKEAENAYHEIFNLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	300
Z16101	VDKYYAKEAYAAQMEIYALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	301
Z16102	VDKYYAKEVETAQMEIYQLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	302
Z16103	VDKYYAKEAEDAQLEIFKLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	303
Z16104	VDKYYAKEAQEAQMEIYFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	304
Z16105	VDKYYAKEVEHAYMEIYSLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	305
Z16106	VDKYYAKEVEDAAQMEIFKLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	306
Z16107	VDKYYAKEVEEAAQMEIYRLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	307
Z16108	VDKYYAKEIEYAAQMEIFDLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	308
Z16109	VDKYYAKEAEAWAYMEIFALPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	309
Z16110	VDKYYAKEVEEAAQMEIFNLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	310
Z16111	VDKYYAKEIEAAQMEIFSLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	311
Z16112	VDKYYAKEVENAYMEIFRLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	312
Z16113	VDKYYAKEVEHAYQEIFNLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	313
Z16114	VDKYYAKEVEDAYMEIYLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	314
Z16115	VDKYYAKEVEDAAQMEIFGLPNLTTRKQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	315
Z16116	VDKYYAKEVEEAAQMEIFGLPNLTTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	316
Z16117	VDKYYAKEIEKAQFEIFALPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	317
Z16118	VDKYYAKEVEDAAQMEIYSLPNLTTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	318

FIGURE 1L

Z16119	VDKYYAKEAESAYLEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	319
Z16120	VDKYYAKEVVEAYFEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	320
Z16121	VDKYYAKEVEDAYFEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	321
Z16122	VDKYYAKEAEDAYMEIYSLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	322
Z16125	VDKYYAKEAQDAYMEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	323
Z16126	VDKYYAKEIEAAQMEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	324
Z16127	VDKYYAKEIEIAQMEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	325
Z16128	VDKYYAKEVEHAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	326
Z16129	VDKYYAKEAEAAQYEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	327
Z16130	VDKYYAKEVYHAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	328
Z16131	VDKYYAKEVEIAQLEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	329
Z16132	VDKYYAKELERAYAEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	330
Z16133	VDKYYAKEVDEAYMEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	331
Z16134	VDKYYAKEFHRA YSEIYLLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	332
Z16135	VDKYYAKEVELAQHEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	333
Z16136	VDKYYAKEVESAQMEIFELPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	334
Z16137	VDKYYAKEAEIAYYEIYSLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	335
Z16138	VDKYYAKEVEDAYFEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	336
Z16139	VDKYYAKETFKAAQQEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	337
Z16140	VDKYYAKEAEQAYWEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	338
Z16141	VDKYYAKEVVQAYDEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	339
Z16142	VDKYYAKEASDAYEEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	340
Z16143	VDKYYAKEIEAAQMEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	341
Z16144	VDKYYAKEAEAAQYFEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	342
Z16145	VDKYYAKEVEHAQYEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	343
Z16146	VDKYYAKEAEKAQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	344
Z16147	VDKYYAKEVDAAAYMEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	345
Z16148	VDKYYAKEVEIAQMEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	346
Z16149	VDKYYAKEVENAYFEIYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	347

FIGURE 1M

Z16150	VDKYYAKEVEDAYFEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	348
Z16152	VDKYYAKEVEKAYFEIYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	349
Z16154	VDKYYAKEIEAAQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	350
Z16155	VDKYYAKETWYAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	351
Z16156	VDKYYAKEIERAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	352
Z16157	VDKYYAKEVD DAYMEIYLLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	353
Z16158	VDKYYAKEVEAAAYVEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	354
Z16159	VDKYYAKEFSEAYFEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	355
Z16160	VDKYYAKEVAKAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	356
Z16161	VDKYYAKEVEYAQMEIYSLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	357
Z16162	VDKYYAKEAESAYWEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	358
Z16163	VDKYYAKEVERAQMEIFELPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	359
Z16164	VDKYYAKEVEEAYMEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	360
Z16165	VDKYYAKEIEVAQMEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	361
Z16166	VDKYYAKEVR IAQFEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	362
Z16167	VDKYYAKEVEQAQHEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	363
Z16168	VDKYYAKEAVSAYWEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	364
Z16169	VDKYYAKETE EAQMEIFYLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	365
Z16170	VDKYYAKEADAAAYMEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	366
Z16171	VDKYYAKETAAQA AEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	367
Z16172	VDKYYAKEAFDAYWEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	368
Z16173	VDKYYAKEIEAAYAEIYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	369
Z16174	VDKYYAKEVIDAYFEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	370
Z16175	VDKYYAKEVES AQMEIYRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	371
Z16176	VDKYYAKETEEAYQEIFDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	372
Z16177	VDKYYAKEVEIAQMEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	373
Z16178	VDKYYAKEVEEAQMEIFFLPNLTRKQYTA FI IKLDDPSQSSELLSEAKKLND SQAPK	374
Z16179	VDKYYAKEIEIAQMEIYLLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	375
Z16180	VDKYYAKETYWAQQEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	376

FIGURE 1N

Z16181	VDKYYAKEAESQAQMEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	377
Z16182	VDKYYAKELETA YFEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	378
Z16183	VDKYYAKEVEDAQMEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	379
Z16184	VDKYYAKELELAYQEIYALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	380
Z16185	VDKYYAKEIYAAYWEIYYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	381
Z16186	VDKYYAKEVEEAYMEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	382
Z16187	VDKYYAKEIDSAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	383
Z16188	VDKYYAKEAEQAYQEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	384
Z16189	VDKYYAKEAYRAQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	385
Z16190	VDKYYAKEVEDAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	386
Z16191	VDKYYAKEIEAAQMEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	387
Z16192	VDKYYAKEAYEAQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	388
Z16193	VDKYYAKEVVDAYFEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	389
Z16194	VDKYYAKEVEEQAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	390
Z16195	VDKYYAKETEKAQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	391
Z16196	VDKYYAKETYQAQMEIFGLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	392
Z16197	VDKYYAKEVESAQMEIFALPNLTRKQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	393
Z16198	VDKYYAKEIEDAQMEIFGLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	394
Z16199	VDKYYAKEVEKAQLEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	395
Z16200	VDKYYAKEIEQAQFEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	396
Z16201	VDKYYAKETEVAQMEIFKLPNLTRKQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	397
Z16202	VDKYYAKEVEEQAQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	398
Z16203	VDKYYAKEVEIAQHEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	399
Z16204	VDKYYAKEVELAYMEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	400
Z16205	VDKYYAKEVVQAYDEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	401
Z16206	VDKYYAKEVEEAAQMEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	402
Z16207	VDKYYAKEVEEAAQMEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	403
Z16208	VDKYYAKEVEKAQMEIFDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	404
Z16209	VDKYYAKEVEEAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	405

FIGURE 10

Z16210	VDKYYAKEAETAYHEIYILPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	406	
Z16211	VDKYYAKEAEAAQMEIYNLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	407
Z16212	VDKYYAKEVEFAYFEIYALPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	408
Z16213	VDKYYAKEARQAYWEIYSLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	409
Z16214	VDKYYAKETETAQLEIFALPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	410
Z16215	VDKYYAKEIEEAQHEIFRLPNLT	RKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	411
Z16216	VDKYYAKEVSNAYMEIYKLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	412
Z16217	VDKYYAKEIEEAQMEIYELPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	413
Z16218	VDKYYAKEVTDAQMEIFALPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	414
Z16219	VDKYYAKEIEHAQLEIFSLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	415
Z16220	VDKYYAKEVEQAQMEIFNLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	416
Z16221	VDKYYAKEAEWAQMEIFSLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	417
Z16222	VDKYYAKEVHAAQMEIFELPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	418
Z16223	VDKYYAKEVEFAQMEIYYLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	419
Z16224	VDKYYAKEVIDAYFEIYELPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	420
Z16225	VDKYYAKEVEDAYMEIYDLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	421
Z16227	VDKYYAKEVEAAQLEIFALPNLT	RKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	422
Z16228	VDKYYAKETVAAYWEIYALPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	423
Z16229	VDKYYAKEVVDAYWEIYALPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	424
Z16230	VDKYYAKETEEAYWEIYGLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	425
Z16231	VDKYYAKEVETAYFEIYHLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	426
Z16232	VDKYYAKEVVDAYYEIYELPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	427
Z16233	VDKYYAKEVQEAQMEIFQLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	428
Z16234	VDKYYAKEVEDAYYEIYSLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	429
Z16235	VDKYYAKEVVEAYDEIFRLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	430
Z16236	VDKYYAKETEEAQMEIFNLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	431
Z16237	VDKYYAKEVIDAYDEIYDLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	432
Z16238	VDKYYAKEVVDAYYEIYALPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	433
Z16239	VDKYYAKEVEEAYFEIYHLPNLT	RKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	434

FIGURE 1P

Z16240	VDKYYAKEVESAYMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	435
Z16241	VDKYYAKEVEDAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	436
Z16242	VDKYYAKEAESAYFEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	437
Z16243	VDKYYAKEVEEAYMEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	438
Z16244	VDKYYAKEVEHAYFEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	439
Z16245	VDKYYAKEVETAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	440
Z16246	VDKYYAKEVEDAYMEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	441
Z16247	VDKYYAKEAHDAYWEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	442
Z16248	VDKYYAKEVEDAYMEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	443
Z16249	VDKYYAKEVEEAYEEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	444
Z16250	VDKYYAKEVEIAYMEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	445
Z16251	VDKYYAKEVEQAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	446
Z16252	VDKYYAKEVEEAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	447
Z16253	VDKYYAKEVEEAYEIIYLLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	448
Z16255	VDKYYAKEVEDAYMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	449
Z16256	VDKYYAKEVEHAYFEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	450
Z16257	VDKYYAKEVEEAYFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	451
Z16258	VDKYYAKEVETAYMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	452
Z16259	VDKYYAKEVEDAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	453
Z16260	VDKYYAKEIEEAYMEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	454
Z16261	VDKYYAKEVEDAYFEIYTLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	455
Z16262	VDKYYAKEVEEAYFEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	456
Z16263	VDKYYAKEAEKAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	457
Z16264	VDKYYAKEVEVAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	458
Z16265	VDKYYAKEVEEAYFEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	459
Z16266	VDKYYAKEVTDAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	460
Z16268	VDKYYAKEVEVAYWEIYFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	461
Z16269	VDKYYAKEVEYAYFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	462
Z16270	VDKYYAKEVEAAYMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	463

FIGURE 1Q

Z16271	VDKYYAKEVEDAYWEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	464
Z16272	VDKYYAKEVVDAYYEI FELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	465
Z16273	VDKYYAKEATAAYMEIYFLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	466
Z16274	VDKYYAKEASDAYQEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	467
Z16275	VDKYYAKEAQTA YWEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	468
Z16276	VDKYYAKE TVDAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	469
Z16277	VDKYYAKEVEDAYYEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	470
Z16278	VDKYYAKEVVEAYWEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	471
Z16279	VDKYYAKEADEAYWEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	472
Z16280	VDKYYAKEVEFAYFEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	473
Z16281	VDKYYAKEVVDAYYEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	474
Z16282	VDKYYAKEVEAA YFEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	475
Z16283	VDKYYAKEVEDAYMEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	476
Z16284	VDKYYAKEAELAYWEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	477
Z16285	VDKYYAKEVEKAYMEIYVLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	478
Z16286	VDKYYAKEQEFAYFEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	479
Z16287	VDKYYAKELDAAYMEIYGLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	480
Z16288	VDKYYAKEAEQAYYEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	481
Z16289	VDKYYAKEHVEAYFEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	482
Z16290	VDKYYAKEVTAA YYEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	483
Z16291	VDKYYAKEVEIAYFEIYNLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	484
Z16292	VDKYYAKEAQDAYFEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	485
Z16293	VDKYYAKEVITAYWEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	486
Z16294	VDKYYAKEVENAQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	487
Z16295	VDKYYAKEHV DAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	488
Z16296	VDKYYAKEVTNAYFEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	489
Z16297	VDKYYAKEAAEA AQMEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	490
Z16298	VDKYYAKEVHEAYFEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	491
Z16299	VDKYYAKEADIAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	492

FIGURE 1R

Z16300	VDKYYAKEVEVAYMEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	493
Z16301	VDKYYAKEIEAAQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	494
Z16302	VDKYYAKEVETAYFEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	495
Z16303	VDKYYAKEAQQAYWEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	496
Z16304	VDKYYAKEIDKAYFEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	497
Z16305	VDKYYAKEVESAYFEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	498
Z16306	VDKYYAKELYLAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	499
Z16307	VDKYYAKEAVEAYFEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	500
Z16308	VDKYYAKEAVNAYWEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	501
Z16309	VDKYYAKELEYAYFEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	502
Z16311	VDKYYAKEVQAAAYWEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	503
Z16312	VDKYYAKEVEKAQMEIFDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	504
Z16313	VDKYYAKETYAAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	505
Z16314	VDKYYAKELEAAAYEIEYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	506
Z16315	VDKYYAKEHVDAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	507
Z16316	VDKYYAKETIHAYDEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	508
Z16317	VDKYYAKEQEEAYWEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	509
Z16318	VDKYYAKEVEEAYEIEYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	510
Z16319	VDKYYAKEIEEAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	511
Z16320	VDKYYAKEVEDAYFEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	512
Z16321	VDKYYAKEIEEAQMEIYTLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	513
Z16322	VDKYYAKEVERAYFEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	514
Z16324	VDKYYAKEVVIAAYHEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	515
Z16325	VDKYYAKEAYDAQMEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	516
Z16327	VDKYYAKEIIQAYYEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	517
Z16328	VDKYYAKEVVSAAYFEIYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	518
Z16329	VDKYYAKEVEDAYFEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	519
Z16330	VDKYYAKEVVEAYHEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	520
Z16331	VDKYYAKEAEVAYYEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	521

FIGURE 1S

Z16332	VDKYYAKEVEEAYMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	522
Z16333	VDKYYAKEAEWAYFEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	523
Z16334	VDKYYAKEAEAAAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	524
Z16335	VDKYYAKEAYVAYYEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	525
Z16336	VDKYYAKELEYAYHEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	526
Z16337	VDKYYAKESEAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	527
Z16338	VDKYYAKEVEEAYQEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	528
Z16339	VDKYYAKEIEEAYMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	529
Z16340	VDKYYAKEVVDAYSEIYLLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	530
Z16341	VDKYYAKELEAAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	531
Z16342	VDKYYAKEVEVAYMEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	532
Z16343	VDKYYAKEVHEAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	533
Z16344	VDKYYAKEVENAYYEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	534
Z16345	VDKYYAKEVEHAYYEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	535
Z16346	VDKYYAKEAEDAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	536
Z16347	VDKYYAKETYAAQMEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	537
Z16348	VDKYYAKEAYYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	538
Z16349	VDKYYAKEVVEAYYEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	539
Z16351	VDKYYAKEVVHAYYFEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	540
Z16352	VDKYYAKEIENAYQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	541
Z16353	VDKYYAKEVEAAAYFEIYTLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	542
Z16354	VDKYYAKETLHAYDEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	543
Z16356	VDKYYAKEVEEAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	544
Z16357	VDKYYAKEVEEAAQMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	545
Z16358	VDKYYAKETVDAYYEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	546
Z16360	VDKYYAKEAEAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	547
Z16361	VDKYYAKEIEIAQMEIIFTLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	548
Z16362	VDKYYAKEVEIAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	549
Z16363	VDKYYAKEVEQAQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	550

FIGURE 1T

Z16364	VDKYYAKEVQDAYWEIYQLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	551
Z16365	VDKYYAKETEEEAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	552
Z16366	VDKYYAKEVEAAAYFEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	553
Z16367	VDKYYAKEIEDAQMEIFGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	554
Z16368	VDKYYAKEVEVAYFEIFHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	555
Z16369	VDKYYAKEIETAYMEIYRLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	556
Z16370	VDKYYAKEADAAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	557
Z16371	VDKYYAKEVEQAYYEIYHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	558
Z16372	VDKYYAKEIEKAYYEIYELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	559
Z16373	VDKYYAKEVVAAAYEIIYGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	560
Z16376	VDKYYAKEVVSAYYEIYNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	561
Z16377	VDKYYAKETERAQMEIFYLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	562
Z16378	VDKYYAKEVESAYFEIFKLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	563
Z16379	VDKYYAKEVEKAYMEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	564
Z16380	VDKYYAKETEDAYMEIYELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	565
Z16381	VDKYYAKEAEAAAYFEIYNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	566
Z16382	VDKYYAKETLEAYDEIYQLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	567
Z16383	VDKYYAKELEVAYMEIFHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	568
Z16384	VDKYYAKEVEIAQMEIFGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	569
Z16385	VDKYYAKEVVEAYQEIYHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	570
Z16386	VDKYYAKEAEAAAYYEIYGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	571
Z16387	VDKYYAKEVEAAAYMEIFHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	572
Z16388	VDKYYAKEHEHDAYMEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	573
Z16389	VDKYYAKELEKAYFEIYNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	574
Z16390	VDKYYAKEVEIAQMEIFALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	575
Z16391	VDKYYAKEVELAYMEIFNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	576
Z16392	VDKYYAKEVFEAQMEIYRLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	577
Z16393	VDKYYAKEVEDAYMEIYELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	578
Z16394	VDKYYAKETESAYFEIFKLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	579

FIGURE 1U

Z16395	VDKYYAKELEEAFFEIYELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	580
Z16396	VDKYYAKEVVTAQQEIYELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	581
Z16397	VDKYYAKEVEAAFFEIYELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	582
Z16398	VDKYYAKEVEWAYMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	583
Z16399	VDKYYAKETEYAYWEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	584
Z16400	VDKYYAKEVETAYMEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	585
Z16401	VDKYYAKEVEFAYMEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	586
Z16402	VDKYYAKEVEAAFFEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	587
Z16403	VDKYYAKEVERAYMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	588
Z16404	VDKYYAKETVIAFFEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	589
Z16405	VDKYYAKETEDAYFEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	590
Z16406	VDKYYAKEADSAWMEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	591
Z16407	VDKYYAKEVELAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	592
Z16409	VDKYYAKEVEQAYFEIYDLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	593
Z16410	VDKYYAKEAVDAYEIIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	594
Z16411	VDKYYAKELQEAAMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	595
Z16412	VDKYYAKEHVDAYMEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	596
Z16413	VDKYYAKEVEHAYEEIYALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	597
Z16414	VDKYYAKEVVVAYHEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	598
Z16415	VDKYYAKEHWKAYLEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	599
Z16416	VDKYYAKEVYDAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	600
Z16417	VDKYYAKEVEAAAMEIYGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	601
Z16418	VDKYYAKEHLTAYYEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	602
Z16419	VDKYYAKEVKDAYFEIFELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	603
Z16420	VDKYYAKETEYAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	604
Z16421	VDKYYAKEIEDAYMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	605
Z16422	VDKYYAKELEEAAYYEIYDLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	606
Z16423	VDKYYAKE TENAYMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	607
Z16424	VDKYYAKEIESAYFEIYELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	608

FIGURE 1V

Z16425	VDKYYAKEVYIAQMEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	609
Z16426	VDKYYAKEVEEAYFEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	610
Z16427	VDKYYAKEAINAHHEIFLLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	611
Z16428	VDKYYAKEIEDAQMEIYRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	612
Z16429	VDKYYAKEAYEAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	613
Z16430	VDKYYAKEAEDAYMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	614
Z16431	VDKYYAKEVEQAYFEIYSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	615
Z16432	VDKYYAKEIEEAQMEIYFLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	616
Z16433	VDKYYAKETVSAYFEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	617
Z16434	VDKYYAKETEAYFEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	618
Z16435	VDKYYAKEADRAYWEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	619
Z16436	VDKYYAKETYKAAQOEIYKLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	620
Z16437	VDKYYAKEVEVAYWEIFNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	621
Z16438	VDKYYAKELERAYYEIYDLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	622
Z16439	VDKYYAKEAIDAYWEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	623
Z16440	VDKYYAKEVESAYMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	624
Z16441	VDKYYAKEAENAYFEIYELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	625
Z16442	VDKYYAKEADAAYWEIYSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	626
Z16443	VDKYYAKEATEAYMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	627
Z16444	VDKYYAKEVHDAYFEIYDLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	628
Z16446	VDKYYAKELEFAYQEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	629
Z16447	VDKYYAKEHVAAAYFEIYRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	630
Z16448	VDKYYAKEVEVAYMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	631
Z16449	VDKYYAKEVEQAYSEIFNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	632
Z16450	VDKYYAKEAEVAYMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	633
Z16451	VDKYYAKEVEIAYYEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	634
Z16452	VDKYYAKEVENAYYEIYQLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	635
Z16453	VDKYYAKEAYEAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	636
Z16454	VDKYYAKEADQAYWEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	637

FIGURE 1W

Z16455	VDKAYAKELHHAYDEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	638
Z16456	VDKAYAKEVEEAYQEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	639
Z16457	VDKAYAKEVEEAAAYEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	640
Z16458	VDKAYAKEVEIAQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	641
Z16459	VDKAYAKEVEEAYFEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	642
Z16460	VDKAYAKETESAYWEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	643
Z16461	VDKAYAKEVERAYYEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	644
Z16462	VDKAYAKEAEAAAYMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	645
Z16463	VDKAYAKEVERAQMEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	646
Z16464	VDKAYAKETEQAQMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	647
Z16465	VDKAYAKEVERAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	648
Z16466	VDKAYAKEVEQAYFEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	649
Z16467	VDKAYAKEVQKAYFEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	650
Z16468	VDKAYAKEVEAAAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	651
Z16469	VDKAYAKEVEEAYFEIYALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	652
Z16470	VDKAYAKELEDAYMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	653
Z16471	VDKAYAKEVVDAYDEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	654
Z16472	VDKAYAKEVVDAYDEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	655
Z16473	VDKAYAKEVEDAYEEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	656
Z16474	VDKAYAKEAEAAAYWEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	657
Z16475	VDKAYAKEVEVAQMEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	658
Z16476	VDKAYAKEVEVAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	659
Z16477	VDKAYAKELEAAQMEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	660
Z16478	VDKAYAKEVEEAYFEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	661
Z16479	VDKAYAKEVEQAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	662
Z16480	VDKAYAKEVHDAYEEIFILPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	663
Z16481	VDKAYAKEVEVAYMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	664
Z16482	VDKAYAKEAEHAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	665
Z16483	VDKAYAKEIEVAQMEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	666

FIGURE 1X

Z16484	VDKYYAKEAEDAYMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	667
Z16485	VDKYYAKEVEHAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	668
Z16486	VDKYYAKETENAYFEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	669
Z16487	VDKYYAKEVEQAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	670
Z16488	VDKYYAKEAEDAYMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	671
Z16489	VDKYYAKEVEDAYEEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	672
Z16490	VDKYYAKELESAYFEIYGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	673
Z16491	VDKYYAKEVVTAYYEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	674
Z16492	VDKYYAKEQEDAYWEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	675
Z16493	VDKYYAKEVQAAYFEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	676
Z16494	VDKYYAKEAVNAYFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	677
Z16495	VDKYYAKEVEHAQMEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	678
Z16496	VDKYYAKEVEAAAYFEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	679
Z16497	VDKYYAKEIEIAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	680
Z16498	VDKYYAKELENAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	681
Z16499	VDKYYAKEVEAAAYFEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	682
Z16500	VDKYYAKELEWAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	683
Z16501	VDKYYAKEADDAAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	684
Z16502	VDKYYAKEVELAQMEIFKLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	685
Z16503	VDKYYAKEIHEAQMEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	686
Z16505	VDKYYAKEVEYAYFEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	687
Z16506	VDKYYAKEAYTAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	688
Z16507	VDKYYAKEAENAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	689
Z16509	VDKYYAKEVERAYMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	690
Z16510	VDKYYAKEIEEAQMEIFWLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	691
Z16511	VDKYYAKEIEDAYMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	692
Z16512	VDKYYAKEVVKAYYEIYELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	693
Z16513	VDKYYAKELENAYAEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	694
Z16514	VDKYYAKEQISAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	695

FIGURE 1Y

Z16515	VDKYYAKETEDAYMEIYNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	696
Z16516	VDKYYAKEVEDAYMEIYNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	697
Z16517	VDKYYAKEVEDAQYEIFDLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	698
Z16518	VDKYYAKEVERAQMEIFDLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	699
Z16519	VDKYYAKEAHEAQMEIFYLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	700
Z16520	VDKYYAKETYNAQQEIFNLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	701
Z16521	VDKYYAKEVEDAQLEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	702
Z16522	VDKYYAKEIEKAQMEIFFLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	703
Z16523	VDKYYAKEIEKAQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	704
Z16524	VDKYYAKEVELAQMEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	705
Z16525	VDKYYAKEVEHAQMEIFNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	706
Z16526	VDKYYAKETESAQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	707
Z16527	VDKYYAKEIEVAQLEIFKLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	708
Z16528	VDKYYAKEVETAQMEIFALPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	709
Z16529	VDKYYAKELESAQMEIFYLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	710
Z16530	VDKYYAKETEEAAQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	711
Z16531	VDKYYAKEVEVAQMEIFNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	712
Z16532	VDKYYAKEVIVAYEEIFQLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	713
Z16533	VDKYYAKEVETAQMEIFSLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	714
Z16534	VDKYYAKEIEAAQMEIFNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	715
Z16535	VDKYYAKELEKAQMEIFNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	716
Z16536	VDKYYAKETESAQMEIFALPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	717
Z16537	VDKYYAKELESAQMEIFALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	718
Z16538	VDKYYAKETEDAQMEIYRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	719
Z16539	VDKYYAKEIYVAQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	720
Z16540	VDKYYAKETEQAQMEIFSLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	721
Z16541	VDKYYAKEAYKAQMEIFKLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	722
Z16542	VDKYYAKEIEDAQMEIFEFPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	723
Z16543	VDKYYAKEVEIAQMEIFNLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	724

FIGURE 1Z

Z16544	VDKYYAKEVEFAYMEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	725
Z16545	VDKYYAKEIERAQMEIYELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	726
Z16546	VDKYYAKEVDEAYMEIYNLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	727
Z16547	VDKYYAKEVEEAQLEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	728
Z16548	VDKYYAKETHDAQMEIFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	729
Z16549	VDKYYAKETEDAQMEIFGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	730
Z16550	VDKYYAKETERAYEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	731
Z16551	VDKYYAKEVEDAQMEIYYLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	732
Z16552	VDKYYAKEAEQAYFEIYELPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	733
Z16554	VDKYYAKEVEEAQMEIFNLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	734
Z16555	VDKYYAKEVEVAQMEIFNLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	735
Z16556	VDKYYAKEIEQAQMEIYFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	736
Z16557	VDKYYAKEVEWAQMEIFYLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	737
Z16558	VDKYYAKEVESAQMEIFKLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	738
Z16559	VDKYYAKEAEVAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	739
Z16560	VDKYYAKEIEKAQMEIYYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	740
Z16561	VDKYYAKEIEKAQLEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	741
Z16562	VDKYYAKETERAQMEIFQLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	742
Z16563	VDKYYAKEVQDAQMEIFYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	743
Z16564	VDKYYAKEIEAAQMEIFVLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	744
Z16565	VDKYYAKELQRAQMEIFELPNLTRRQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	745
Z16566	VDKYYAKELEEAQMEIFLLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	746
Z16567	VDKYYAKEIEHAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	747
Z16568	VDKYYAKEVYQAQMEIFGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	748
Z16569	VDKYYAKEIEAAQMEIFYLPNLTRRQYTA	IRKLFDDPSQSSELLSEAKKLND	SQAPK	749
Z16570	VDKYYAKEAKDAQMEIFGLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	750
Z16572	VDKYYAKEVETAYMEIYYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	751
Z16573	VDKYYAKEVEAAQMEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	752
Z16574	VDKYYAKEVEAAQWEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLND	SQAPK	753

FIGURE 1AA

Z16575	VDKYYAKEIEQAQMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	754
Z16576	VDKYYAKEETEEAYFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	755
Z16577	VDKYYAKEVEWAQMEIFKLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	756
Z16578	VDKYYAKEIEIAQMEIFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	757
Z16579	VDKYYAKEAEAAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	758
Z16580	VDKYYAKEVVSAAYEEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	759
Z16581	VDKYYAKETEDAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	760
Z16582	VDKYYAKEVEFAQMEIFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	761
Z16583	VDKYYAKEVQNAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	762
Z16584	VDKYYAKEAQRAYMEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	763
Z16585	VDKYYAKEIEDAQMEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	764
Z16586	VDKYYAKEVEYAQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	765
Z16587	VDKYYAKEAEDAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	766
Z16588	VDKYYAKEVESAQMEIFDLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	767
Z16589	VDKYYAKEVDVAYMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	768
Z16590	VDKYYAKEVEDAQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	769
Z16591	VDKYYAKEVEAAQMEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	770
Z16592	VDKYYAKEVEDAYFEIYLLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	771
Z16593	VDKYYAKEVEKAQMEIFTLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	772
Z16594	VDKYYAKELEKAYFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	773
Z16595	VDKYYAKEVEAAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	774
Z16596	VDKYYAKEIREAQMEIFGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	775
Z16597	VDKYYAKEVENAQMEIYNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	776
Z16598	VDKYYAKEVEDAQMEIYDLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	777
Z16599	VDKYYAKEVEVAQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	778
Z16600	VDKYYAKEVEHAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	779
Z16601	VDKYYAKEAETAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	780
Z16602	VDKYYAKEIEQAQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	781
Z16603	VDKYYAKEVEAAQMEIFYLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	782

FIGURE 1AB

Z16604	VDKYYAKEVHEAQMEIFYLPNLTTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	783
Z16605	VDKYYAKEVEHAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	784
Z16606	VDKYYAKEIEKAQMEIFDLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	785
Z16607	VDKYYAKETEAAQMEIYNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	786
Z16608	VDKYYAKEVHEAQMEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	787
Z16609	VDKYYAKEIQDAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	788
Z16610	VDKYYAKEVEQAQMEIFLLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	789
Z16611	VDKYYAKETEIAQMEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	790
Z16612	VDKYYAKEIEEAQLEIFELPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	791
Z16613	VDKYYAKELERAQMEIFVLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	792
Z16614	VDKYYAKETEIAQMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	793
Z16615	VDKYYAKEAEDAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	794
Z16616	VDKYYAKEVEQAQLEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	795
Z16617	VDKYYAKEIEFAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	796
Z16618	VDKYYAKEIEEAQMEIFFLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	797
Z16619	VDKYYAKETYHAQMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	798
Z16620	VDKYYAKEAEQYHEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	799
Z16621	VDKYYAKETETAQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	800
Z16622	VDKYYAKEAEAAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	801
Z16623	VDKYYAKETEVAQMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	802
Z16624	VDKYYAKEVEIAQMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	803
Z16625	VDKYYAKELERAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	804
Z16626	VDKYYAKEVYAAAYDEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	805
Z16627	VDKYYAKEAEFAQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	806
Z16628	VDKYYAKEVQAAAYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	807
Z16629	VDKYYAKEVYNAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	808
Z16630	VDKYYAKEAEIAQMEIYSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	809
Z16631	VDKYYAKEVEVAQMEIFDLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	810
Z16632	VDKYYAKEVEQAQMEIYYLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	811

FIGURE 1AC

Z16633	VDKYYAKEVENAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	812
Z16634	VDKYYAKEVEIAYIEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	813
Z16635	VDKYYAKEVEVAQFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	814
Z16636	VDKYYAKEIERAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	815
Z16637	VDKYYAKEIEDAQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	816
Z16638	VDKYYAKEIENAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	817
Z16639	VDKYYAKELEAAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	818
Z16640	VDKYYAKEIERAQLEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	819
Z16641	VDKYYAKETYRAQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	820
Z16642	VDKYYAKEVEEAAQMEIYSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	821
Z16643	VDKYYAKEVEKAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	822
Z16644	VDKYYAKEAHAAAYFEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	823
Z16645	VDKYYAKEIERAQMEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	824
Z16646	VDKYYAKELEAAQMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	825
Z16647	VDKYYAKEVEVAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	826
Z16648	VDKYYAKEAEWAYMEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	827
Z16649	VDKYYAKETEYAQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	828
Z16650	VDKYYAKEVEDAQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	829
Z16652	VDKYYAKEIEEAQMEIFGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	830
Z16653	VDKYYAKEVERAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	831
Z16654	VDKYYAKEAEAAAYEIVALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	832
Z16655	VDKYYAKETEEDAQMEIYRLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	833
Z16656	VDKYYAKETEDAYFEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	834
Z16657	VDKYYAKEIKQAQMEIYSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	835
Z16658	VDKYYAKEVEEAAQMEIVNLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	836
Z16659	VDKYYAKETEQAQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	837
Z16660	VDKYYAKEIEDAQMEIYYLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	838
Z16661	VDKYYAKESEQAQWEIVALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	839
Z16662	VDKYYAKEVEVAQMEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	840

FIGURE 1AD

Z16663	VDKYYAKEIERAQMEIFGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	841
Z16664	VDKYYAKEAEQAQMEIFGLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	842
Z16665	VDKYYAKELEYAYFEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	843
Z16666	VDKYYAKEVEFAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	844
Z16667	VDKYYAKETEEAQMEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	845
Z16668	VDKYYAKETYNAAQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	846
Z16669	VDKYYAKEISVAQFEIYHLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	847
Z16671	VDKYYAKEIKAAQMEIFELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	848
Z16672	VDKYYAKEVEYAYQEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	849
Z16675	VDKYYAKEVEIAQMEIFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	850
Z16676	VDKYYAKEIDDAYLEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	851
Z16677	VDKYYAKEAYIAQQEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	852
Z16678	VDKYYAKEVEVAYFEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	853
Z16679	VDKYYAKEVVTAQMEIFFLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	854
Z16680	VDKYYAKEVVIQAQHEIFSLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	855
Z16681	VDKYYAKEVEYAYYEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	856
Z16682	VDKYYAKEAEAAQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	857
Z16683	VDKYYAKELEKAYYEIYELPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	858
Z16684	VDKYYAKETHNAYQEIIYQLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	859
Z16685	VDKYYAKEVIEAYEEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	860
Z16686	VDKYYAKEVEAAAYFEIFQLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	861
Z16687	VDKYYAKEAEADAYHEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	862
Z16688	VDKYYAKEVKDAQFEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	863
Z16689	VDKYYAKEADFAYWEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	864
Z16690	VDKYYAKEVQDAQMEIYYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	865
Z16691	VDKYYAKEAVQAYHEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	866
Z16692	VDKYYAKEATEAYDEIYLLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	867
Z16693	VDKYYAKEATEAYMEIYSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	868
Z16694	VDKYYAKETESAYFEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	869

FIGURE 1AE

Z16695	VDKYYAKEAEKAYMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	870
Z16696	VDKYYAKEVETAQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	871
Z16697	VDKYYAKELYSAQMEIYGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	872
Z16699	VDKYYAKEEEEAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	873
Z16700	VDKYYAKEAQEAAYDEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	874
Z16701	VDKYYAKEHVEAYEYIYNLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	875
Z16702	VDKYYAKETEQAQMEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	876
Z16703	VDKYYAKEVEQAQMEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	877
Z16704	VDKYYAKEATSAYFEIYALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	878
Z16705	VDKYYAKELEAAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	879
Z16706	VDKYYAKEAEDAYMEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	880
Z16708	VDKYYAKEAESAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	881
Z16709	VDKYYAKELEAAAYFEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	882
Z16710	VDKYYAKEAEYAYFEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	883
Z16711	VDKYYAKETHSAQMEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	884
Z16712	VDKYYAKETERAQMEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	885
Z16713	VDKYYAKEAYSQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	886
Z16714	VDKYYAKEIEDAQMEIFGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	887
Z16715	VDKYYAKEVYSAQLEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	888
Z16716	VDKYYAKEVEQAYEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	889
Z16717	VDKYYAKEIEEAYMEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	890
Z16718	VDKYYAKEIEKAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	891
Z16719	VDKYYAKEAVWAYSEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	892
Z16720	VDKYYAKEIEVAYSEIYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	893
Z16721	VDKYYAKEVDEAYMEIYELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	894
Z16722	VDKYYAKEIEHAQMEIFYLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	895
Z16723	VDKYYAKELSDAYFEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	896
Z16724	VDKYYAKEVEEAQMEIFVLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	897
Z16725	VDKYYAKELEEAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	898

FIGURE 1AF

Z16726	VDKYYAKEVELAYFEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	899
Z16727	VDKYYAKE TVSAYWEI FELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	900
Z16728	VDKYYAKEIKEAQMEIYILPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	901
Z16729	VDKYYAKELEEAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	902
Z16730	VDKYYAKEIEDAYMEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	903
Z16731	VDKYYAKEVEIAYFEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	904
Z16732	VDKYYAKEAESAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	905
Z16733	VDKYYAKEVEAAAYMEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	906
Z16734	VDKYYAKEAVDAYWEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	907
Z16735	VDKYYAKEVEIAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	908
Z16736	VDKYYAKEVINAYFEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	909
Z16737	VDKYYAKEVEEAYMEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	910
Z16738	VDKYYAKEVEAAAYFEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	911
Z16739	VDKYYAKEVEDAYFEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	912
Z16740	VDKYYAKEIEDAYMEIYILPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	913
Z16741	VDKYYAKEVEDAQMEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	914
Z16742	VDKYYAKEVEDAYMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	915
Z16743	VDKYYAKEQESAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	916
Z16745	VDKYYAKE TEEAYQE IYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	917
Z16746	VDKYYAKEELEAYWEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	918
Z16747	VDKYYAKEVQDAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	919
Z16748	VDKYYAKEVENAYFEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	920
Z16749	VDKYYAKEVEAAAYE IYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	921
Z16750	VDKYYAKEVEHAYFEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	922
Z16751	VDKYYAKEVHEAYMEI FELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	923
Z16752	VDKYYAKEVEQAYMEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	924
Z16753	VDKYYAKEVVDAYE IYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	925
Z16754	VDKYYAKEAQIAYFEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	926
Z16755	VDKYYAKEVEFAYE IYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	927

FIGURE 1AG

Z16756	VDKYYAKEVVEAYEYIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	928
Z16757	VDKYYAKEIEEAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	929
Z16758	VDKYYAKEVQTAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	930
Z16759	VDKYYAKEAEYAYFEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	931
Z16760	VDKYYAKEAYIAQMEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	932
Z16761	VDKYYAKEAERAYWEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	933
Z16762	VDKYYAKETHDAYEYIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	934
Z16763	VDKYYAKELEDAYYEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	935
Z16764	VDKYYAKEVEDAYQEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	936
Z16765	VDKYYAKEAHNAYYEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	937
Z16766	VDKYYAKEVEDAYFEIYWLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	938
Z16767	VDKYYAKEVTEAYFEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	939
Z16768	VDKYYAKEVEKAYEEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	940
Z16769	VDKYYAKEVDYAYFEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	941
Z16770	VDKYYAKETEAAAYFEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	942
Z16771	VDKYYAKEVEVAYMEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	943
Z16772	VDKYYAKEVEQAYMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	944
Z16773	VDKYYAKEVEYAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	945
Z16774	VDKYYAKEAEVAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	946
Z16775	VDKYYAKEVEIAYYEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	947
Z16776	VDKYYAKEVIQAYFEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	948
Z16777	VDKYYAKEAEDAYWEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	949
Z16778	VDKYYAKEVTEAYFEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	950
Z16779	VDKYYAKEVEEAYFEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	951
Z16780	VDKYYAKEVQEAYFEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	952
Z16781	VDKYYAKEVVEAYEEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	953
Z16782	VDKYYAKEVQVAYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	954
Z16783	VDKYYAKEVEDAYIEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	955
Z16784	VDKYYAKEVEAAAYYEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	956

FIGURE 1AH

Z16785	VDKYYAKEVEIAYDEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	957
Z16786	VDKYYAKEHEEEAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	958
Z16787	VDKYYAKEVYLAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	959
Z16788	VDKYYAKETEK AQMEIFQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	960
Z16789	VDKYYAKELEEEAYMEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	961
Z16790	VDKYYAKEVYEA YDEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	962
Z16791	VDKYYAKETIEAYEEIYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	963
Z16792	VDKYYAKEHIEAYDEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	964
Z16793	VDKYYAKEAQLAYWEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	965
Z16794	VDKYYAKEVFDAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	966
Z16795	VDKYYAKEIEEAQMEIYVLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	967
Z16796	VDKYYAKEVEKAYFEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	968
Z16797	VDKYYAKEVEVAYY E IYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	969
Z16798	VDKYYAKEVEYAYFEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	970
Z16799	VDKYYAKEVIAAYY E IYELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	971
Z16800	VDKYYAKEVV DAYMEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	972
Z16801	VDKYYAKEAETAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	973
Z16802	VDKYYAKEVEEAQMEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	974
Z16803	VDKYYAKEAEAAYFEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	975
Z16804	VDKYYAKEVEAAQMEIFDLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	976
Z16805	VDKYYAKELEWAYFEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	977
Z16806	VDKYYAKEQKQAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	978
Z16808	VDKYYAKEAEDAYY E IYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	979
Z16809	VDKYYAKEQHEAYWEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	980
Z16810	VDKYYAKEVEDAYMEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	981
Z16811	VDKYYAKEVDHAYFEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	982
Z16812	VDKYYAKEAIEAYDEIFLLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	983
Z16813	VDKYYAKEVVEAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	984
Z16814	VDKYYAKETEDAQMEIFSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	985

FIGURE 1AI

Z16815	VDKYYAKEVIDAYYEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	986
Z16816	VDKYYAKEAIDAYHEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	987
Z16817	VDKYYAKETHDAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	988
Z16818	VDKYYAKEIESAYMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	989
Z16819	VDKYYAKEIEKAYMEIYHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	990
Z16820	VDKYYAKEAEDAYQEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	991
Z16821	VDKYYAKEVEEAYMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	992
Z16822	VDKYYAKEVEDAQMEIFELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	993
Z16823	VDKYYAKEVENAQYEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	994
Z16824	VDKYYAKEVEVAYMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	995
Z16825	VDKYYAKESEQAYWEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	996
Z16826	VDKYYAKETVDAYEEIFTLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	997
Z16827	VDKYYAKEIEEAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	998
Z16829	VDKYYAKEVVVAYEEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	999
Z16830	VDKYYAKEAVNAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1000
Z16831	VDKYYAKESEKAYMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1001
Z16832	VDKYYAKEVEEAYFEIYLLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1002
Z16833	VDKYYAKEIEAAQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1003
Z16834	VDKYYAKEQEKAYFEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1004
Z16835	VDKYYAKEVEIAYYEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1005
Z16836	VDKYYAKEVYAAAYEEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1006
Z16837	VDKYYAKEVESAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1007
Z16838	VDKYYAKELEVAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1008
Z16839	VDKYYAKETINAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1009
Z16840	VDKYYAKEAETAYWEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1010
Z16852	VDKYYAKETEAAAYWEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1011
Z16853	VDKYYAKELQKAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1012
Z16854	VDKYYAKELEVAYFEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1013
Z16855	VDKYYAKEVEYAYWEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1014

FIGURE 1AJ

Z16856	VDKYYAKETEEAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1015
Z16857	VDKYYAKELESAYMEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1016
Z16858	VDKYYAKEVEVAYMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1017
Z16859	VDKYYAKEVEDAYMEIYELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1018
Z16860	VDKYYAKEHVDAYYEYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1019
Z16861	VDKYYAKEHERAYFEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1020
Z16862	VDKYYAKEATEAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1021
Z16863	VDKYYAKEVYKAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1022
Z16864	VDKYYAKEVERAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1023
Z16865	VDKYYAKELEHAQLEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1024
Z16866	VDKYYAKEAQAAYDEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1025
Z16867	VDKYYAKEVEEAQMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1026
Z16868	VDKYYAKEVEEAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1027
Z16869	VDKYYAKEVEHAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1028
Z16870	VDKYYAKEVESAQMEIYVLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1029
Z16871	VDKYYAKEVEKAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1030
Z16873	VDKYYAKEVDEAYMEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1031
Z16874	VDKYYAKETEEAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1032
Z16875	VDKYYAKEAEAAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1033
Z16876	VDKYYAKELEDAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1034
Z16877	VDKYYAKEVEVAYEEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1035
Z16878	VDKYYAKEAVEAYWEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1036
Z16879	VDKYYAKELEEAAYMEIYFLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1037
Z16880	VDKYYAKEVENAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1038
Z16881	VDKYYAKETVKAYEEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1039
Z16882	VDKYYAKELEKAQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1040
Z16883	VDKYYAKETEKQAQLEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1041
Z16884	VDKYYAKEVELAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1042
Z16886	VDKYYAKEAENAYWEIYELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1043

FIGURE 1AK

Z16887	VDKYYAKEVIOAYWEIYHLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1044
Z16888	VDKYYAKEAEYAYMEIFRLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1045
Z16889	VDKYYAKEVESAYMEIYHLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1046
Z16890	VDKYYAKETEDAYMEIFRLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1047
Z16891	VDKYYAKEVDAAAYFEIFNLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1048
Z16892	VDKYYAKEAEDAYFEIYSLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1049
Z16893	VDKYYAKELEDAYMEIFGLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1050
Z16894	VDKYYAKEVEAAAYFEIYGLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1051
Z16895	VDKYYAKEVEFAYYEIFALPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1052
Z16896	VDKYYAKEVV SAYWEIYALPNLTTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1053
Z16897	VDKYYAKETEKAYFEIYALPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1054
Z16898	VDKYYAKEAEYAYMEIYNLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1055
Z16899	VDKYYAKEVESAYMEIYRLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1056
Z16900	VDKYYAKEVEVAYMEIYGLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1057
Z16901	VDKYYAKEIEFAYMEIFHLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1058
Z16902	VDKYYAKEVVEAYFEIYELPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1059
Z16903	VDKYYAKEIEAAQMEIFALPNLTTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1060
Z16904	VDKYYAKEVEDAQMEIFGLPNLTTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1061
Z16905	VDKYYAKEIEEAQMEIYGLPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1062
Z16906	VDKYYAKETLDAQMEIFALPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1063
Z16907	VDKYYAKETQEAQMEIFALPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1064
Z16908	VDKYYAKEVEEAQMEIFALPNLTTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1065
Z16909	VDKYYAKEVEDAQMEIFALPNLTTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1066
Z16910	VDKYYAKEVESAQMEIFYLPNLTTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1067
Z16911	VDKYYAKEIEDAQMEIFALPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1068
Z16912	VDKYYAKEVEAAQMEIFFLPNLTTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1069
Z16913	VDKYYAKEVEEAQLEIFALPNLTTRKQYTA	FIKLFDDPSQSSELLSEAKKLNDSQAPK	1070
Z16914	VDKYYAKETEDAQMEIFALPNLTTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1071
Z16915	VDKYYAKEIEIAQMEIFRLPNLTTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1072

FIGURE 1AL

Z16916	VDKYYAKEVEIAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1073
Z16917	VDKYYAKEIEIAQMEIFSPLNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1074
Z16918	VDKYYAKETEAAQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1075
Z17171	VDKYYAKEIEDAQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1076
Z17173	VDKYYAKEVEHAQMEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1077
Z17174	VDKYYAKEVVSAQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1078
Z17175	VDKYYAKELDEAYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1079
Z17176	VDKYYAKEVEHAQLEIFRLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1080
Z17177	VDKYYAKEAYKAQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1081
Z17178	VDKYYAKEIEIAQMEIFFLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1082
Z17179	VDKYYAKEVEHAQMEIFTLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1083
Z17180	VDKYYAKEVKIAQMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1084
Z17181	VDKYYAKEAEDAYQEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1085
Z17182	VDKYYAKEAENAYDEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1086
Z17183	VDKYYAKEIEAAQIEIFHLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1087
Z17184	VDKYYAKEVVDAQQEIFNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1088
Z17185	VDKYYAKEIEWAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1089
Z17186	VDKYYAKEIEDAQMEIYELPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1090
Z17187	VDKYYAKEAEKAQIEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1091
Z17188	VDKYYAKEAEWAQMEIYSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1092
Z17189	VDKYYAKEVEAAQMEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1093
Z17190	VDKYYAKEVEIAQMEIYSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1094
Z17191	VDKYYAKEIKAAQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1095
Z17192	VDKYYAKEVEYAAQMEIFNLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1096
Z17193	VDKYYAKEVYAAQQEIFHLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1097
Z17194	VDKYYAKEAEQAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1098
Z17195	VDKYYAKEVDVAYQEIFNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1099
Z17196	VDKYYAKEVYHAQMEIFSPLNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1100
Z17197	VDKYYAKEAEDAQMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1101

FIGURE 1AM

Z17198	VDKYAKEVQEAQMEIFELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1102
Z17199	VDKYAKEHEFAFYMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1103
Z17200	VDKYAKEAEAEAYVEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1104
Z17201	VDKYAKEIEKAQFEIYFLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1105
Z17202	VDKYAKEVYKAQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1106
Z17203	VDKYAKEVEKAQMEIYFLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1107
Z17204	VDKYAKEVEAAQLEIFELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1108
Z17205	VDKYAKETYQAQMEIYSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1109
Z17206	VDKYAKELEDAYQEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1110
Z17207	VDKYAKEVEEAQLEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1111
Z17208	VDKYAKEIYLAQMEIFKLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1112
Z17209	VDKYAKEIEEAQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1113
Z17210	VDKYAKETEQAQMEIYQLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1114
Z17211	VDKYAKEAEAAAYEIEYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1115
Z17212	VDKYAKETEAAAYDEIYGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1116
Z17213	VDKYAKEVEEAQFEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1117
Z17214	VDKYAKEVVKAYFEIYHLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1118
Z17215	VDKYAKEVYEAQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1119
Z17216	VDKYAKEVEDAYIEIYKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1120
Z17217	VDKYAKEVEWAQMEIFNLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1121
Z17218	VDKYAKELEKAQMEIFYLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1122
Z17219	VDKYAKETEEAYQEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1123
Z17220	VDKYAKEAEEDAQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1124
Z17221	VDKYAKEIEEAQLEIFNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1125
Z17222	VDKYAKEVEDAYHEIFLLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1126
Z17223	VDKYAKEVEYAYHEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1127
Z17224	VDKYAKETVEAQMEIFNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1128
Z17225	VDKYAKEVEDAYMEIYFLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1129
Z17226	VDKYAKETETAQMEIYNLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1130

FIGURE 1A*N*

Z17227	VDKYYAKEVEIAQMEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1131
Z17228	VDKYYAKEVHLAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1132
Z17229	VDKYYAKEVEYAAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1133
Z17230	VDKYYAKEAEAAQHEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1134
Z17231	VDKYYAKEAYVAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1135
Z17232	VDKYYAKEVQKAQMEIFELPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1136
Z17233	VDKYYAKEAYAAQHEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1137
Z17234	VDKYYAKEVERAYYEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1138
Z17235	VDKYYAKEVEAAQMEIFELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1139
Z17236	VDKYYAKELENAQMEIFTLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1140
Z17237	VDKYYAKELEYAAQHEIFHLPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1141
Z17238	VDKYYAKEQLNAQMEIFSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1142
Z17240	VDKYYAKEVIAAYYEIYDLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1143
Z17241	VDKYYAKEVVDAWWEIYSLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1144
Z17242	VDKYYAKEVEEAYQEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1145
Z17243	VDKYYAKEAEDAYFEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1146
Z17244	VDKYYAKEVEDAYFEIYRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1147
Z17245	VDKYYAKEVEVAYYEIYRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1148
Z17246	VDKYYAKELEDAYMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1149
Z17247	VDKYYAKEVDEAYWEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1150
Z17248	VDKYYAKEAEWAYWEIYKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1151
Z17249	VDKYYAKEVEVAYMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1152
Z17250	VDKYYAKEETERAYMEIYHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1153
Z17251	VDKYYAKEHIAAYFEIYELPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1154
Z17252	VDKYYAKEVEEAYYEIFGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1155
Z17253	VDKYYAKEVEDAYQEIYQLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1156
Z17254	VDKYYAKETVEAYYEIYRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1157
Z17255	VDKYYAKEVEQAYYEIYALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1158
Z17256	VDKYYAKEVVEAYDEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1159

FIGURE 1AO

Z17257	VDKYYAKEVEEAYMEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1160
Z17258	VDKYYAKEVDDAYMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1161
Z17259	VDKYYAKEVQDAYMEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1162
Z17260	VDKYYAKEAQQAYDEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1163
Z17261	VDKYYAKEVEFAYMEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1164
Z17262	VDKYYAKEVEIAYFEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1165
Z17263	VDKYYAKETEKAYFEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1166
Z17264	VDKYYAKEVTNAYMEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1167
Z17266	VDKYYAKETEAAAYFEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1168
Z17267	VDKYYAKEVETAYMEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1169
Z17268	VDKYYAKEAEDAYMEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1170
Z17269	VDKYYAKEVEEAYQEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1171
Z17270	VDKYYAKETEEAYFEIYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1172
Z17271	VDKYYAKEAISAYWEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1173
Z17272	VDKYYAKEVEEAYQEIFYRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1174
Z17273	VDKYYAKEVVYAQHEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1175
Z17274	VDKYYAKEIEVAYMEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1176
Z17275	VDKYYAKEVEYAYYEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1177
Z17276	VDKYYAKEVEQAYMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1178
Z17277	VDKYYAKEVEDAYDEIYQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1179
Z17278	VDKYYAKEIERAYYIEIDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1180
Z17279	VDKYYAKEVEDAYFEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1181
Z17280	VDKYYAKEVEQAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1182
Z17281	VDKYYAKEVEEAYQEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1183
Z17282	VDKYYAKEAEHAYWEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1184
Z17283	VDKYYAKEVEKAYYIEYNLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1185
Z17284	VDKYYAKEVEEAYMEIYKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1186
Z17285	VDKYYAKEIEDAYQIEIYELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1187
Z17286	VDKYYAKEVENAYYIEFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1188

FIGURE 1AP

Z17287	VDKYYAKEATEAYWEIYQLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1189
Z17288	VDKYYAKEADAAYFEIYHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1190
Z17289	VDKYYAKEVINAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1191
Z17290	VDKYYAKEAVDAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1192
Z17291	VDKYYAKEVEEAYEYIELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1193
Z17292	VDKYYAKEVEYAYFEIYSLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1194
Z17293	VDKYYAKEAEKAYEYIFNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1195
Z17294	VDKYYAKETIDAYYEIYGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1196
Z17295	VDKYYAKEVEVAYAEIYNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1197
Z17296	VDKYYAKEVETAYFEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1198
Z17297	VDKYYAKEAYIAQMEIFGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1199
Z17298	VDKYYAKEVEEAYFEIYNLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1200
Z17299	VDKYYAKESEAAAYWEIYELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1201
Z17300	VDKYYAKEAEADAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1202
Z17301	VDKYYAKEVDAAAYWEIYGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1203
Z17302	VDKYYAKETVDAYYEIYELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1204
Z18557	VDKYYAKEIEAVQMEIFYLPNLNRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1205
Z15876	VDKYYAKEIEAAQMEIFGLPNLNRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1206
Z15932	VDKYYAKEVEEAAQMEIFILPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1207
Z15934	VDKYYAKEVTVAQMEIFALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1208
Z15975	VDKYYAKEVETAQMEIFYLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1209
Z19134	VDKYYAKEAEADAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1210
Z19125	VDKYYAKEAIEAYWEIYALPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1211
Z19136	VDKYYAKEVVAAYYEIFELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1212
Z19127	VDKYYAKEVVSAYYEIYELPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1213
Z19138	VDKYYAKEIEIAYMEIFHLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1214
Z19101	VDKYYAKELDVAYMEIYRLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1215
Z19095	VDKYYAKEAEVAYMEIYRLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1216
Z19121	VDKYYAKELERAYYEIYGLPNLNRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1217

FIGURE 1AQ

Z19122	VDKYYAKEAEIAYYEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1218
Z19120	VDKYYAKE TEVAYYEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1219
Z19139	VDKYYAKEVEAAAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1220
Z19058	VDKYYAKEVEIAYMEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1221
Z19124	VDKYYAKEVEVAYFEIYNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1222
Z19131	VDKYYAKEHEEEAYMEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1223
Z19103	VDKYYAKELERAYMEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1224
Z19088	VDKYYAKEVEHAYMEIYHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1225
Z19077	VDKYYAKEVQEA YMEIFALPNLTRRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1226
Z19111	VDKYYAKEVKIAQMEIFNLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1227
Z19060	VDKYYAKEVEWAQMEIFDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1228
Z19112	VDKYYAKEAHS AQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1229
Z19133	VDKYYAKEAERAQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1230
Z19094	VDKYYAKETEAAQMEIYKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1231
Z19093	VDKYYAKELEQAQMEIFYLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1232
Z19069	VDKYYAKEVES AQMEIFELPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1233
Z19067	VDKYYAKEVEDAQMEIYQLPNLTRRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1234
Z19183	VDKYYAKEIEDAQMEIYDLPNLTRRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1235
Z19079	VDKYYAKEVEQAQMEIFKLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1236
Z19102	VDKYYAKEVEHAQMEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1237
Z19110	VDKYYAKEVEKAQMEIFS LPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1238
Z19087	VDKYYAKEIEDAQMEIFS LPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1239
Z19059	VDKYYAKEVEEAQMEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1240
Z19123	VDKYYAKEIEKAQMEIFALPNLTRRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1241
Z19128	VDKYYAKETYVAQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1242
Z19137	VDKYYAKEVEIAQMEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1243
Z19068	VDKYYAKEVKVAQMEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1244
Z19086	VDKYYAKEVEYAQMEIFALPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1245
Z19076	VDKYYAKEVETAQMEIFYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1246

FIGURE 1AR

Z19135	VDKYYAKEVEEAAQMEIFKLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1247
Z19078	VDKYYAKEIEAAQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1248
Z19066	VDKYYAKETEAAQMEIYALPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1249
Z18906	VDKYYAKEIETIQHEIYELPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1250
Z18912	VDKYYAKETEEIQMEIFHLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1251
Z18754	VDKYYAKEVEEIQMEIFRLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1252
Z18767	VDKYYAKEVEEVYFEIFRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1253
Z19174	VDKYYAKETEVQVMEIYHLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1254
Z18802	VDKYYAKEAERVQMEIFGLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1255
Z18792	VDKYYAKEAEAQMEIYDLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1256
Z18783	VDKYYAKETEVIQMEIFRLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1257
Z18753	VDKYYAKETEAQMEIFQLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1258
Z18795	VDKYYAKETEAIQMEIFRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1259
Z18929	VDKYYAKETEAVQMEIFRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1260
Z19305	VDKYYAKETEAVQMEIFRLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1261
Z19303	VDKYYAKETEAVQMEIFTLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1262
Z18899	VDKYYAKETEAQMEIFELPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1263
Z18824	VDKYYAKETEAVQMEIFHLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1264
Z18860	VDKYYAKETEEIQMEIFLLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1265
Z18864	VDKYYAKETERVQMEIFYLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1266
Z18778	VDKYYAKETERVQMEIFQLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1267
Z18798	VDKYYAKETEEIQMEIFQLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1268
Z18821	VDKYYAKETEVEVQMEIFKLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1269
Z18920	VDKYYAKETEEIQMEIFRLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1270
Z18806	VDKYYAKETEEIQMEIFRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1271
Z18966	VDKYYAKETEVEVQMEIFRLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1272
Z19304	VDKYYAKETEQQVQMEIFHLPNLTTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1273
Z18766	VDKYYAKETEQQVQMEIFHLPNLTTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1274
Z18825	VDKYYAKETEKVQMEIFGLPNLTTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1275

FIGURE 1AS

Z18819	VDKAYAKETEVEVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1276
Z18822	VDKAYAKETEETEQMEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	1277
Z18810	VDKAYAKETEVEVQMEIFGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	1278
Z18892	VDKAYAKETEAEVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1279
Z18854	VDKAYAKETEVEVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1280
Z18758	VDKAYAKETEVEVQMEIFGLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	1281
Z18823	VDKAYAKETEVEVQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1282
Z18958	VDKAYAKETEETEQMEIIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1283
Z18770	VDKAYAKETERVQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1284
Z18898	VDKAYAKELAEIQMEIFYLPNLTRRQYVAF	FIRKLLDDPSQSSELLSEAKKLND	1285
Z18876	VDKAYAKEIEEQMEIFYLPNLTRRQYVAF	FIRKLLDDPSQSSELLSEAKKLND	1286
Z18840	VDKAYAKELEKVQMEIFVLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1287
Z18900	VDKAYAKELERIQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1288
Z18775	VDKAYAKELEKVQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1289
Z18952	VDKAYAKEVEEQIQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1290
Z18851	VDKAYAKEIEEQIQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1291
Z19152	VDKAYAKETEIEQVQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1292
Z18765	VDKAYAKETEIEEQIQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	1293
Z18885	VDKAYAKEVEEQIQMEIFYLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	1294
Z18830	VDKAYAKEVEEQIQMEIFFLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1295
Z18828	VDKAYAKEVEEQIQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1296
Z18833	VDKAYAKEVEEQVQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1297
Z18853	VDKAYAKEIEEQIQMEIFYLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	1298
Z18849	VDKAYAKEIEEQVQMEIFYLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	1299
Z18902	VDKAYAKELEEQIQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	1300
Z18877	VDKAYAKEVEEQIQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	1301
Z18878	VDKAYAKEVEEQVQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	1302
Z18909	VDKAYAKEIEEQIQMEIFFLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	1303
Z18848	VDKAYAKEIEEQIQMEIFFLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	1304

FIGURE 1AT

Z19166	VDKYYAKELEEEVQMEIYFLLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1305
Z18873	VDKYYAKELEEEVQMEIYFLLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1306
Z19147	VDKYYAKELEEEIQMEIYFLLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1307
Z18831	VDKYYAKEIEEVQMEIYFLLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1308
Z18843	VDKYYAKEIEEEIQMEIYFLLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1309
Z19153	VDKYYAKEIEEEIQMEIFDLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1310
Z18882	VDKYYAKEVEEVQMEIFDLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1311
Z18894	VDKYYAKEVEEEIQMEIFDLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1312
Z18940	VDKYYAKELELERIQMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1313
Z18759	VDKYYAKEIEKVQMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1314
Z18855	VDKYYAKELEKVQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1315
Z18837	VDKYYAKELEKVQMEIFHLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1316
Z18788	VDKYYAKEVEKIQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1317
Z18827	VDKYYAKETEKVQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1318
Z18761	VDKYYAKEIEEVQMEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1319
Z18786	VDKYYAKELEEVQMEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1320
Z18757	VDKYYAKEIEEEIQMEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1321
Z18858	VDKYYAKEIEEEIQMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1322
Z18785	VDKYYAKELEEEIQMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1323
Z18866	VDKYYAKEIEEEIQMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1324
Z19145	VDKYYAKELETVQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1325
Z18777	VDKYYAKEIEQVQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1326
Z18803	VDKYYAKEIEEQIQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1327
Z18800	VDKYYAKEIEEEIQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1328
Z18804	VDKYYAKELEEEIQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1329
Z18856	VDKYYAKELEEEIQMEIFHLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1330
Z18846	VDKYYAKEIEEEIQMEIFHLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1331
Z18871	VDKYYAKEVEEEIQMEIFHLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1332
Z18782	VDKYYAKEVEEVQMEIFELPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLNDSQAPK	1333

FIGURE 1AU

Z19170	VDKYYAKEVEEIQMEIFELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1334
Z18949	VDKYYAKEVEQVQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1335
Z18852	VDKYYAKEVEQIQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1336
Z18838	VDKYYAKEVEEIQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1337
Z18928	VDKYYAKEVEEVQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1338
Z18769	VDKYYAKEVEEVQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1339
Z18832	VDKYYAKEVEEIQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1340
Z18771	VDKYYAKEVEEIQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1341
Z18808	VDKYYAKEVEEVQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1342
Z18817	VDKYYAKEVEEIQMEIFRLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1343
Z18889	VDKYYAKEVEEVQMEIFRLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1344
Z18930	VDKYYAKEVERIQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1345
Z18812	VDKYYAKEVEKIQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1346
Z18809	VDKYYAKEIETVQMEIFSLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1347
Z18768	VDKYYAKELETVQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1348
Z18844	VDKYYAKELEEIQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1349
Z18919	VDKYYAKEVEEIQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1350
Z18931	VDKYYAKELETVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1351
Z18890	VDKYYAKELEKVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1352
Z18893	VDKYYAKEIEEIQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1353
Z18796	VDKYYAKELEEVQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1354
Z18881	VDKYYAKEIEEIQMEIFGLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1355
Z18826	VDKYYAKEIEEIQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1356
Z18959	VDKYYAKEIEEVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1357
Z18897	VDKYYAKEVEEIQMEIFGLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1358
Z18841	VDKYYAKEVEEIQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1359
Z18918	VDKYYAKEVEEVQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1360
Z18834	VDKYYAKEVEEIQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1361
Z18863	VDKYYAKEVEEVQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1362

FIGURE 1AV

Z18847	VDKAYAKETEEVQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1363
Z19159	VDKAYAKETEEVQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1364
Z18789	VDKAYAKEIEIQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1365
Z18756	VDKAYAKEIEEVQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1366
Z18850	VDKAYAKEIEEIQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1367
Z18814	VDKAYAKEVEEIQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1368
Z18861	VDKAYAKEVEEVQMEIFALPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1369
Z18938	VDKAYAKEIEIQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1370
Z18801	VDKAYAKEIEQVQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1371
Z18927	VDKAYAKEIEEIQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1372
Z18951	VDKAYAKEIEEVQMEIFALPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1373
Z19144	VDKAYAKEIEEVQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1374
Z18813	VDKAYAKEVEEIQMEIFALPNLTRKQYTA	IRKLFDDPSQSSELLSEAKKLNDSQAPK	1375
Z18859	VDKAYAKETEIVQMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1376
Z18797	VDKAYAKETEIVQMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1377
Z18781	VDKAYAKETEIVQMEIFGLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1378
Z19160	VDKAYAKEIEIQMEIFYLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1379
Z18891	VDKAYAKEIEYIQMEIFYLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1380
Z18857	VDKAYAKEIEVVQMEIFYLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1381
Z18816	VDKAYAKELEVIQMEIFELPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1382
Z18829	VDKAYAKEVEVIQMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1383
Z18787	VDKAYAKEVEVIQMEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1384
Z18791	VDKAYAKEVEVVQMEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1385
Z18887	VDKAYAKEVEVIQMEIFRLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1386
Z18773	VDKAYAKELEVIQMEIFKLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1387
Z18967	VDKAYAKEIEVVQMEIFHLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1388
Z18774	VDKAYAKEIEVIQMEIFRLPNLTRKQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1389
Z18879	VDKAYAKEVEYIQMEIFRLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1390
Z18868	VDKAYAKELEIVQMEIFHLPNLTRRQYTA	IRKLLDDPSQSSELLSEAKKLNDSQAPK	1391

FIGURE 1AW

Z18903	VDKYYAKELEIIQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1392
Z19180	VDKYYAKEVEIIQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1393
Z18901	VDKYYAKELEVIQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1394
Z18755	VDKYYAKELEVIQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1395
Z18883	VDKYYAKEVEIIQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1396
Z19164	VDKYYAKEVEIIQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1397
Z18845	VDKYYAKEVEVIQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1398
Z18965	VDKYYAKEVEVVQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1399
Z18807	VDKYYAKELEIVQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1400
Z18818	VDKYYAKEIEYIQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1401
Z19169	VDKYYAKEVEVIQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1402
Z18884	VDKYYAKEVEIIQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1403
Z18793	VDKYYAKEVETVQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1404
Z18811	VDKYYAKELETQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1405
Z18880	VDKYYAKELEAIQMEIFTLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1406
Z19154	VDKYYAKEIEAIQMEIYYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1407
Z18869	VDKYYAKELEAIQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1408
Z18941	VDKYYAKELEAVQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1409
Z18872	VDKYYAKEIEAVQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1410
Z18895	VDKYYAKEIEAIQMEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1411
Z19165	VDKYYAKEIEAIQMEIFFLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1412
Z18862	VDKYYAKEIEAIQMEIFFLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1413
Z18948	VDKYYAKEIEAIQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1414
Z18762	VDKYYAKELEAIQMEIFRLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1415
Z18910	VDKYYAKEIEAIQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1416
Z18820	VDKYYAKELEAIQMEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1417
Z18776	VDKYYAKEVEAIQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1418
Z19302	VDKYYAKEIEAVQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1419
Z18875	VDKYYAKEIEAIQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1420

FIGURE 1AX

Z18874	VDKYYAKELEAIQMEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1421
Z18888	VDKYYAKEVEA IQMEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1422
Z18799	VDKYYAKEVEA IQMEIFHLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	1423
Z18794	VDKYYAKEVEAVQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1424
Z18939	VDKYYAKEIEAVQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1425
Z18815	VDKYYAKELEA IQMEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1426
Z18764	VDKYYAKEIEAVQMEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1427
Z18870	VDKYYAKEIEA IQMEIFGLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	1428
Z18950	VDKYYAKEVEA IQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1429
Z18836	VDKYYAKEVEA IQMEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1430
Z18763	VDKYYAKEIEAVQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1431
Z18886	VDKYYAKEIEA IQMEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1432
Z18784	VDKYYAKETE A IQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1433
Z19146	VDKYYAKETEAVQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1434
Z18760	VDKYYAKETEAVQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1435
Z18896	VDKYYAKETE A IQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1436
Z18805	VDKYYAKEIEAVQMEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLND	SQAPK	1437
Z18779	VDKYYAKEIEA IQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1438
Z18790	VDKYYAKEVEAVQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1439
Z18839	VDKYYAKEVEAVQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1440
Z18911	VDKYYAKEVEA IQMEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1441
Z19036	VDKYYAKEVVKIYFEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1442
Z19035	VDKYYAKEVIDVYFEIYYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1443
Z19175	VDKYYAKEVVHIYFEIFGLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1444
Z19034	VDKYYAKEVVVEYFEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1445
Z19051	VDKYYAKEVVEIYFEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1446
Z19027	VDKYYAKEVVVEYFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1447
Z19062	VDKYYAKEIERIYFEIYGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1448
Z19096	VDKYYAKEIEKIIYFEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLND	SQAPK	1449

FIGURE 1AY

Z19070	VDKYYAKEIEKVYFEIYDLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1450
Z19030	VDKYYAKEVEKIIYYEIPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1451
Z19050	VDKYYAKETEHVYFEIYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1452
Z19063	VDKYYAKETEKAYYEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1453
Z18960	VDKYYAKETERVYVEIYSLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1454
Z19142	VDKYYAKETEIYVFEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1455
Z19055	VDKYYAKEVEFAYWEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1456
Z19065	VDKYYAKEVEVYFEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1457
Z19156	VDKYYAKEVESAYFEIYDLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1458
Z19116	VDKYYAKEVEAVYVEIYQLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1459
Z19083	VDKYYAKEVEVAYYEIYGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1460
Z19037	VDKYYAKEVEDVYFEIFEIPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1461
Z18954	VDKYYAKEVETVYVEIFKLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1462
Z19163	VDKYYAKEVEQVYFEIYFLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1463
Z19092	VDKYYAKEVEEIIYQEIYRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1464
Z19157	VDKYYAKEVEEIIYFEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1465
Z18978	VDKYYAKELEAVQLEIFALPNLTRKQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	1466
Z19041	VDKYYAKEIEKIQLEIFALPNLTRKQYTA FI IKLFDDPSQSSELLSEAKKLND SQAPK	1467
Z19113	VDKYYAKEVEEVQLEIFALPNLTRKQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	1468
Z18924	VDKYYAKEVEDVQLEIFALPNLTRKQYTA FI IKLFDDPSQSSELLSEAKKLND SQAPK	1469
Z18996	VDKYYAKEIEQVQLEIYKLPNLTRKQYTA FI IKLFDDPSQSSELLSEAKKLND SQAPK	1470
Z19143	VDKYYAKEVEEIQLEIFHLPNLTRRQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	1471
Z18968	VDKYYAKELEEVQLEIFRLPNLTRRQYTA FI IKLLDDPSQSSELLSEAKKLND SQAPK	1472
Z19179	VDKYYAKEIEDVQHEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1473
Z19009	VDKYYAKEVEKVQQEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1474
Z19003	VDKYYAKEIEAIQHEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1475
Z18979	VDKYYAKEIEIAIQHEIFVLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1476
Z18972	VDKYYAKEIERIQHEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1477
Z18935	VDKYYAKEIEVIQHEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1478

FIGURE 1AZ

Z18925	VDKYYAKETEDIQQEIFQLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1479
Z19098	VDKYYAKEVESIQQEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1480
Z19109	VDKYYAKEVERIQQEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1481
Z18923	VDKYYAKEIEEIQQEIFHLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1482
Z18942	VDKYYAKEVETIQHEIFRLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1483
Z19167	VDKYYAKETEVEVVQFEIFRLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1484
Z19017	VDKYYAKETEAVQLEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1485
Z19011	VDKYYAKETEDVQLEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1486
Z18905	VDKYYAKEAEKIQFEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1487
Z18913	VDKYYAKETEETEEIQLEIYSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1488
Z19115	VDKYYAKETEETEEIQLEIFSLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1489
Z18975	VDKYYAKETEKIQYEIFSLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1490
Z19045	VDKYYAKEIEIQYEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1491
Z18998	VDKYYAKEIETVQYEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1492
Z18992	VDKYYAKEIEAVQYEIYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1493
Z18932	VDKYYAKELEHIQYEIFFLPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1494
Z19052	VDKYYAKEVEEIQYEIFWLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1495
Z19042	VDKYYAKEVEEIQYEIFFLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1496
Z19029	VDKYYAKEVEEVQIEIYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1497
Z19005	VDKYYAKEVEDVQLEIYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1498
Z19149	VDKYYAKEIEEVQLEIFVLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1499
Z19168	VDKYYAKEIERIQMEIFYLPNLTRRQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1500
Z19038	VDKYYAKELEQVQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1501
Z19148	VDKYYAKEVEEIQFEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1502
Z19028	VDKYYAKEIEEIQFEIFYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1503
Z19155	VDKYYAKEIEEIQMEIFYLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1504
Z19043	VDKYYAKEIEEIQMEIYLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1505
Z19141	VDKYYAKEVEEIQHEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1506
Z19016	VDKYYAKEIETIQLEIFDLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1507

FIGURE 1BA

Z18991	VDKYYAKEIETVQYEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1508
Z18917	VDKYYAKEIEEIQFEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1509
Z18980	VDKYYAKEVEEIQLEIYDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1510
Z18947	VDKYYAKEVEEVQLEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1511
Z19023	VDKYYAKEIEEVQLEIFDLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1512
Z18907	VDKYYAKEIEEIQIEIFDLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1513
Z18981	VDKYYAKEVESVQFEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1514
Z19091	VDKYYAKEIESIQIEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1515
Z18943	VDKYYAKEIESIQLEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1516
Z19040	VDKYYAKEVEDIQLEIFDLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1517
Z19033	VDKYYAKEVEDIQYEIFELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1518
Z18914	VDKYYAKEVEDIQLEIFELPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1519
Z19089	VDKYYAKEIEDIQYEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1520
Z18963	VDKYYAKEIEDIQLEIFELPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1521
Z19061	VDKYYAKEIEDIQLEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1522
Z19100	VDKYYAKEIEDIQIEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1523
Z18946	VDKYYAKEIEDVQIEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1524
Z19018	VDKYYAKEIEDIQLEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1525
Z19053	VDKYYAKEIEDVQLEIFKLPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1526
Z18990	VDKYYAKEVEKIQFEIFKLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1527
Z19054	VDKYYAKEIEWVQLEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1528
Z19008	VDKYYAKELERIQLEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1529
Z18953	VDKYYAKELEKIQLEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1530
Z18921	VDKYYAKEIEKVQIEIFQLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1531
Z18995	VDKYYAKEIEEIQLEIYHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1532
Z18922	VDKYYAKEIEEIQLEIFRLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1533
Z19108	VDKYYAKEIEEIQFEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1534
Z19007	VDKYYAKEIEEIQYEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1535
Z18916	VDKYYAKEIEEIQLEIFHLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1536

FIGURE 1BB

Z19105	VDKYYAKELEEEIQLEIYKLPNLT	RRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1537
Z19104	VDKYYAKELEEEIQLEIYHLPNLT	RRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1538
Z18976	VDKYYAKEIEQVQLEIFHLPNLT	RRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1539
Z19090	VDKYYAKEIEEVQMEIFHLPNLT	RRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1540
Z19019	VDKYYAKEVEEIQIEIFKLPNLT	TRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1541
Z18997	VDKYYAKEVEEVQLEIFKLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1542
Z18973	VDKYYAKEVEEIQVEIFQLPNLT	TRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1543
Z19048	VDKYYAKEVEEVQLEIFHLPNLT	TRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1544
Z19150	VDKYYAKEVEEIQLEIFHLPNLT	TRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1545
Z19024	VDKYYAKEVEEVQIEIFQLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1546
Z18915	VDKYYAKEVEEVQIEIFELPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1547
Z19099	VDKYYAKEVEEIQLEIFRLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1548
Z19181	VDKYYAKEVEEVQLEIYSLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1549
Z19025	VDKYYAKEIEQIQLEIFSLPNLT	TRRQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1550
Z19172	VDKYYAKELEDVQLEIFSLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1551
Z19084	VDKYYAKEIEQIQMEIFSLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1552
Z18982	VDKYYAKEIEEVQLEIFSLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1553
Z19072	VDKYYAKEIEEIQLEIFSLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1554
Z18937	VDKYYAKEIEDIQVEIYGLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1555
Z19049	VDKYYAKELETVQLEIFGLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1556
Z19080	VDKYYAKEIETIQLEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1557
Z19057	VDKYYAKEIEQVQLEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1558
Z18971	VDKYYAKEIESVQLEIFGLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1559
Z18986	VDKYYAKEIEEVQLEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1560
Z19071	VDKYYAKEVEEIQLEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1561
Z19020	VDKYYAKEVEEVQFEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1562
Z19082	VDKYYAKEVEEIQFEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1563
Z19085	VDKYYAKEVEEIQYEIFGLPNLT	TRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1564
Z19015	VDKYYAKEVEEIQLEIFGLPNLT	TRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1565

FIGURE 1BC

Z19107	VDKYYAKETEEVQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1566
Z19081	VDKYYAKETEHQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1567
Z19001	VDKYYAKETEQQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1568
Z19000	VDKYYAKETEKIQFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1569
Z19014	VDKYYAKETEEIQLEIYALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1570
Z19158	VDKYYAKETEEIQMEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1571
Z18974	VDKYYAKEIESIQYEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1572
Z19074	VDKYYAKEIESVQLEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1573
Z19176	VDKYYAKEIESIQLEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1574
Z18962	VDKYYAKELESVQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1575
Z19021	VDKYYAKEIETIQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1576
Z19006	VDKYYAKEVETVQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1577
Z19073	VDKYYAKEIEQIQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1578
Z19118	VDKYYAKEIEHVQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1579
Z19097	VDKYYAKEIEHMQLEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1580
Z18987	VDKYYAKEVEKVQLEIFALPNLTRKQYTA	FIRKLFDDPSQSSELLSEAKKLNDSQAPK	1581
Z18977	VDKYYAKEIEEVQLEIYALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1582
Z18955	VDKYYAKEVEQVQFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1583
Z18933	VDKYYAKEVEQIQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1584
Z18988	VDKYYAKEVEEVQYEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1585
Z19056	VDKYYAKEVEEIQLEIYALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1586
Z18904	VDKYYAKEVEEIQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1587
Z19012	VDKYYAKEVEEVQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1588
Z19047	VDKYYAKEVEEIQLEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1589
Z19064	VDKYYAKEIEEIQFEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1590
Z18908	VDKYYAKEIEEIQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1591
Z18989	VDKYYAKEIEDVQLEIFALPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1592
Z19171	VDKYYAKEIEDIQLEIFGLPNLTRKQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1593
Z19151	VDKYYAKEVEDIQLEIFALPNLTRRQYTA	FIRKLLDDPSQSSELLSEAKKLNDSQAPK	1594

FIGURE 1BD

Z19002	VD	AK	Y	A	K	E	T	E	V	V	Q	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z18936	VD	AK	Y	A	K	E	A	E	I	V	Q	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z18969	VD	AK	Y	A	K	E	V	E	F	V	Q	E	I	F	Q	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z18983	VD	AK	Y	A	K	E	I	E	I	V	Q	E	I	F	H	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z19044	VD	AK	Y	A	K	E	V	E	I	I	Q	L	E	I	F	H	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19031	VD	AK	Y	A	K	E	V	E	T	I	Q	L	E	I	F	A	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19022	VD	AK	Y	A	K	E	V	E	Y	I	Q	L	E	I	F	A	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z18970	VD	AK	Y	A	K	E	I	E	L	I	Q	L	E	I	V	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	F	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K
Z18945	VD	AK	Y	A	K	E	I	E	Y	V	Q	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z19010	VD	AK	Y	A	K	E	I	E	V	I	Q	L	E	I	F	A	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z18944	VD	AK	Y	A	K	E	I	E	V	I	Q	L	E	I	F	A	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19026	VD	AK	Y	A	K	E	I	E	V	I	Q	L	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	F	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K
Z19039	VD	AK	Y	A	K	E	V	E	Y	I	Q	M	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	F	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K
Z18934	VD	AK	Y	A	K	E	V	E	I	V	Q	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z19178	VD	AK	Y	A	K	E	V	E	V	I	Q	L	E	I	V	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19114	VD	AK	Y	A	K	E	V	E	V	I	Q	L	E	I	F	A	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19032	VD	AK	Y	A	K	E	V	E	V	I	Q	L	E	I	F	S	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19162	VD	AK	Y	A	K	E	L	E	I	I	Q	L	E	I	F	S	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z18994	VD	AK	Y	A	K	E	I	E	V	V	Q	L	E	I	F	G	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z18984	VD	AK	Y	A	K	E	I	E	V	V	Q	L	E	I	F	G	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19161	VD	AK	Y	A	K	E	I	E	I	Q	M	E	I	F	G	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K		
Z18985	VD	AK	Y	A	K	E	V	E	V	Q	E	I	Y	G	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K			
Z18957	VD	AK	Y	A	K	E	V	E	Y	V	Q	L	E	I	Y	G	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19075	VD	AK	Y	A	K	E	V	E	I	I	Q	Y	E	I	F	G	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19046	VD	AK	Y	A	K	E	L	E	A	I	Q	M	E	I	F	V	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19173	VD	AK	Y	A	K	E	V	E	A	I	Q	M	E	I	F	T	L	P	N	L	T	R	R	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19004	VD	AK	Y	A	K	E	L	E	A	I	Q	L	E	I	Y	E	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z18993	VD	AK	Y	A	K	E	V	E	A	I	Q	F	E	I	F	Q	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	
Z19177	VD	AK	Y	A	K	E	V	E	A	I	Q	F	E	I	Y	H	L	P	N	L	T	R	K	Q	T	A	F	I	R	K	L	D	D	P	S	Q	S	S	E	L	L	S	E	A	K	K	L	N	D	S	Q	A	P	K	

FIGURE 1BE

Z18926	VDAKYAKEVEAIQLEIYHLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	1624
Z18956	VDAKYAKEIEAVQIEIFRLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1625
Z18961	VDAKYAKEIEAIQLEIFHLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	1626
Z18772	VDAKYAKEIEAIQMEIFHLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	1627
Z19182	VDAKYAKEVEAIQMEIFQLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1628
Z18964	VDAKYAKEIEAIQYEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1629
Z19013	VDAKYAKEIEAIQLEIYALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1630
Z19117	VDAKYAKEIEAIQLEIFALPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1631
Z18999	VDAKYAKEVEAVQLEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1632
Z18581	AEAKYAKEAEAEAYEYIEIFGLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1633
Z18591	AEAKYAKEADAAYMEIFGLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1634
Z18607	AEAKYAKEIEAVQMEIFYLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	1635
Z18573	AEAKYAKEIEAAQMEIFGLPNLTRKQYTA FIRKLFDDPSQSSELLSEAKKLND SQAPK	1636
Z18574	AEAKYAKELEAAAYMEIYLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1637
Z18603	AEAKYAKEAEKAYEYIEIFNLPNLTRKQYTA FIRKLDDPSQSSELLSEAKKLND SQAPK	1638
PSI0405	AEAKYAKEAHRAQMEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSE QAPKVEGSLAEAK EAANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAI LAALP	1639
PSI0407	AEAKYAKEALSAQQEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSE QAPKVEGSLAEAK EAANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAI LAALP	1640
PSI0411	ASLAEAKEANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAI LAALPGSAEAKYAKEAHRAQMEIF ALPNLTR ROYTA FIRKLDDPSQSSELLSEAKKLSE SQAPK	1641
PSI0412	ASLAEAKEANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAI LAALPGGGGGGGSAEAKYAKEA HRAQMEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSE SQAPK	1642
PSI0415	ASLAEAKEANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAI LAALPAEAKYAKEAHRAQMEIFAL PNLTRRQ YTA FIRKLDDPSQSSELLSEAKKLSE SQAPK	1643
PSI0416	ASLAEAKEANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAI LAALPKYAKEAHRAQMEIFALPNL TRRQYTA FIRKLDDPSQSSELLSEAKKLSE SQAPK	1644

FIGURE 1BG

PSI0539	AEAKYAKETEAVQMEIFALPNLTRRQYTA FIRKLLDDPSQSSELLSEAKKLSESQAPKASGGGGGGG GGDKTHTCPPCPAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYITL PPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTIVDKSRWQ QGNVFSCSVMEALHNHYTQKSLSLSPGK	1651
PSI0574	AEAKYAKEIEEIQMEIFRLPNLTRRQYTA FIRKLLDDPSQSSELLSEAKKLSESQAPKASGGGGGGG GGDKTHTCPPCPAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYITL PPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTIVDKSRWQ QGNVFSCSVMEALHNHYTQKSLSLSPGK	1652
PSI0575	AEAKYAKELEA IQMEIFYLPLNLTRRQYTA FIRKLLDDPSQSSELLSEAKKLSESQAPKASGGGGGGG GGDKTHTCPPCPAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYITL PPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTIVDKSRWQ QGNVFSCSVMEALHNHYTQKSLSLSPGK	1653
PSI0576	AEAKYAKELEEIQMEIFYLPLNLTRRQYTA FIRKLLDDPSQSSELLSEAKKLSESQAPKASGGGGGGG GGDKTHTCPPCPAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYITL PPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTIVDKSRWQ QGNVFSCSVMEALHNHYTQKSLSLSPGK	1654
PSI0580	AEAKYAKEVEEIQMEIFRLPNLTRRQYTA FIRKLLDDPSQSSELLSEAKKLSESQAPKASGGGGGGG GGSDAHKSEVAHRFKDLGEENFKALVLI AFAQYLQCCPFEDHVKLVNEVTEFAKTCVADESAENCDK SLHTLFGDKLCTVATLRETYGEMADCCAKQEPERNECF LQHKDDNP LRLV RPEVDVMCTAFHDNE ETFLKKYLYE IARRHPYFYAPELLFFAKRYKAA FTECCQAADKAACLLPKLDEL RDEGKASSAKQRL KCA SLQKFGERAFAKAWAVARLSQRFPKAEFAEVSKLVTDLT KVHTECCCHGDLLECADDRADLAKYIC ENQDS ISSKLKECCEKPLLEKSHCIAEVENDEMPADLP SLAADFVESKDVKNYAEAKDVFLGMFLY EYARRHPDYSVVL LLLAKTYETTLEKCCAAADPHECYAKVDFEFLVVEEPQNLIKQNCSELFEOQLG EYKFQNAL LVRYTKKVPQVSTPTLIVEVSRNLGKVGSKCKHPKAEKMPCAEDYLSVVLNQLCVLHEK TPVSDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETFTFHADICTLSEKERQIKKQTALVELV KHKPKATKEQLKAVMDDEFAAFVEKCKCKADDKETCF AEAEKGKLVAA SQAALGL	1655

FIGURE 1BH

PSI0581	AEAKYAKEVEEIQMEIFRLPNLNRQYTA FIRKLLDDPSQSSELLSEAKKLSAQPKASGGGGGG GGSDAHKSEVAHRFKDLGLENFKALVLI AFAQYLQCPFFEDHVKLVNEVTEFAKTCVADESAENCDK SLHTLFGDKLCTVATLRETYGEMADCCAKQE PERNECFLOHKDDNPNL PRLVRPEVDVMTAFHDNE ETFLKKYLYEIAARRHPYFAPELLFFAKRYKAAFTCECCQAADKAACLLPKLDELIRDEGKASSAKQRL KCASLQKGERAFKAWARLSQRFPKAEFAEVSKLVTDLTKVHTECCCHGDLLECADDRADIAKYIC ENQDSISSKLKECCEKPLEKSHCIAEVENDEMPADLPSLAADFVESKDVCKNYAEAKDVFLGMFLY EYARRHPDYSVVLILLRLAKTYETLEKCCAAADPHECYAKVFDEFKPLVEEPQNLIKQNCSELFQLG EYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCKHPEAKRMPCAEDYLSVVLNQLCVLHEK TPVSDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETFTFHADICTLSEKERQIKKQTALVELV KHKPKATKEQLKAVMDDFAAFVEKCKCKADDKETCFAEEGKKLVAAASQAALGL	1656
PSI0582	AEAKYAKEVEEIQMEIFRLPNLNRQYTA FIRKLLDDPSQSSELLSEAKKLSAQPKASGGGGGG GGSVDPKTVRWCAVSEHEATKQSFDRHMKSVIPSDGPSVACVKKASYLDCIRAI AANEADAVTLDA GLVYDAYLAPNNLKPVVAEFFYGSKEDPQTFFYAYAVVKDGSFGQMNQLRGKKSCHTGLGRSAGWNIP IGLLYCDLPEPRKPLEKAVANFFSGSCAPCADGTFPQLCQLCPGCGSTINQYFGYSGAFKCLKDG AGDAFVKHSTIFENLANKADRQYELLCLDNTRKFPVDEYKDCHLAQVPSHTVVARSMGGKEDLIWE LLNQAQEHFGKDKSKEFQLFSSPHGKDLLFKD SAHGFLKVPPRMDAKMYLGYEYVTAIRNLREGTCP EAPTDECKPVKWCALSHHERLKCDEWSVNSVGIECVSAETTEDCIAIMNGEADAMSIDGGFVYIA GKCGLVPVLAENYNKSDNCEDTPEAGYFAIAVVKASADLTWDNLKGKKSCHTAVGRTAGWNI PMGL LYNKINHCRFDEFFSEGCAPGSKKDSLCKLCMGSGNLCEPNNKEGYGYTGAFRCLVEKGDVAFV KHQTVPQNTGGKNPDPAKNLNEKDYELLCLDGTGRKPVEEYANCHLAPNHAHVTRKDKAEACVHKI LRQQHLFGSNVTDCSGNFC LFRSETKDLLFRDDTVCLAKLHDRNTYEKYLGEYVYKAVGNLRKCST SSLLEACTFRRP	1657
PSI0589	AEAKYAKEVEEIQMEIFRLPNLNRQYTA FIRKLLDDPSQSSELLSEAKKLSAQPKASGGGGGG GGSDKTHTCPPCPAPELLG	1658
ABD035	LAEAKVLANRELDKYGVSDFYKRLINKAKTVEGVEALKHLILAALP	1659
ABD001	LAEAKVLANRELDKYGVSDYKYNLINNAKTVEGVKALIDEILAALP	1660
PP013	LAEAKEAANAELDSYGVSDFYKRLIDKAKTVEGVEALKDAILAALP	1661

FIGURE 1BI

hIgG1 Fc	DKTHTCPCPAPELLGGPSVFLFPKPKDITLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA KTKPREEQYNSTYRVVSVLTVTHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPS RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGN VFSCVMHEALHNHYTQKSLSLSPGK	1662
hAlbumin	DAHKSEVAHRFKDYLGEENFKALVLI AFAQYLQQCFFEDHVKL VNEVTEFAKTCVADESAENC DKSLH TIFGDKLCTVATLRETYGEMADCCAKQEPERNECFIQHKDDNPNI PRLVRPEVDVMCTAFHDNEETF LKKLYE IARRHPYFYAPELLFFAKRYKAAFTCCQAADKAACLLPKLDEL RDEGKASSAKQRLKCA SLQKFGERAFKAWAVARLSQRFPKAEFAEVS KLVTDLTKVHTECCCHGDLLECADDRADLAKY ICENQ DSISSKLECECKPLLEKSHCIAEVENDEMPADLP SLAADFVESKDVCKNYAEAKDVFLGMFLYEYA RRHPDYSVLLLR LAKTYETTLEKCCAAADPHECYAKVFDEFKPLVEEPQNL IKONCELFEOQLGEYK FQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCKKHPEAKRMPCAEDYLSVVLNQLCVLHEKTPV SDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETFTFHADICITLSEKERQIKKQTALVELVKHK PKATKEQLKAVMDDFAAFVEKCKCKADDKETCTFAEEGKKLVAASQAALGL	1663
hTransferrin	VPDKTVRWCAVSEHEATKQCSFRDHMKSVIPSDGPSVACVKKASYLDCIRAI AANEADAVTLDAGLV YDAYLAPNNLKPVVAEFYGSKE DPQTFYYAVAVVKKDSGFQMNQLRGKKSCHTGLGRSAGWNIPIGL LYCDLPEPRKPLEKAVANFFSGSCAPCADGTD FQQLCQLCPGCGCSILNQYFGYSGAFKCLKDGAGD VAFVKHSTIFENLANKADRDQYELLCLDNTRKPVDEYKDCHLAQVPSTVVARSMGGKEDLIWELLN QAQEHFGKDKSKEFQLFSSPHGKDLLFKDSAHGFLKVPPRMDAKMYLGYEYVTAIRNLREGTCPEAP TDECKPVKWCALSHHERLKCDEWSVNSVGKIECVSAETTEDCIAKIMNGEADAMS LDGGFVYIAGKC GLVPVLAENYNKSDNCEDTPEAGYFAIAVVKKSASDLTDNLKGKKSCHTAVGRTAGWNI PMGLLYN KINHCRFDEFFSEGCA PGSKKDS SLCKLCMGSGNLNCEPNNKEGYGYTGAFRCLVEKGDVAFVKHQ TVPQNTGGKNPDWPWAKNLNEKDYELLCLDGTGRKPV EYANCHLARAPNHAVVTRKDKEACVHKILRQ QQHLFGSNVTDCSGNFCLFRSETKDLLFRDDTVCLAKLHNRNTYEKYLGE EYVKA VGNIRKCSSTSSL LEACTFRRP	1664

FIGURE 1BJ

clL-1R-I-HIS6	EADKCNEREKIIILVSSANEIDVRPCPLNPNEYKGTITWYKNDSKTPVSTEQASRIHQHKKKLWFVP AKVEDSGHYCVVRNSSYCLRIKITAKFVENEPNLCYNAEAI FKQRLPVAGDGGGLVCPYMEFFKDEN NELPKLLWYKDCPLLDNIHFSGVKDRLLIVMNVAEKHGRNYTCHASYTLGKQYPI TRVIEFITL ENKPTRPVI VSPANETIEVDLGSQIQILI CNVTGQLSDTAYWKWNGSFIDDDPVLGEDYYSVENPAN KRRSTLITVLNISETESRFYKHPFTCLARNTHGMDAAVQQLI YPVTGSENLYFQGSHHHHH	1665
clL-1R-I-Fc	LEADKCNEREKIIILVSSANEIDVRPCPLNPNEYKGTITWYKNDSKTPVSTEQASRIHQHKKKLWFV PAKVEDSGHYCVVRNSSYCLRIKITAKFVENEPNLCYNAEAI FKQRLPVAGDGGGLVCPYMEFFKDE NNEPKLLWYKDCPLLDNIHFSGVKDRLLIVMNVAEKHGRNYTCHASYTLGKQYPI TRVIEFITL EENKPTRPVI VSPANETIEVDLGSQIQILI CNVTGQLSDTAYWKWNGSFIDDDPVLGEDYYSVENPA NKRRSTLITVLNISETESRFYKHPFTCLARNTHGMDAAVQQLI YPVTGSENLYFQGSDKTHTCPPCP APELLGGPSVFLFPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN STYRVVSVLTVHLQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS LTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGGSFFLYSKLTVDKSRWQQGNVFSQSVMHEA LHNHYTQKSLSLSPGK	1666
mut1	AEAKYAKEAHRAQMEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1667
mut2	AEAKYAKEALSAQOEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1668
mut3	KYAKEAHRAQMEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1669
mut4	AEAKYAKEIEEVQMEIFYLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1670
mut5	AEAKYAKEIEEIQMEIFHLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1671
mut6	AEAKYAKEVEEIQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1672
mut7	AEAKYAKEVEDIQLEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1673
mut8	AEAKYAKELEAIQMEIFHLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1674
mut9	AEAKYAKETEAVQMEIFALPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1675
mut10	AEAKYAKEIEEIQMEIFRLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1676
mut11	AEAKYAKELEAIQMEIFYLPNLTRRQYVAFIRKLDDPSQSSELLSEAKKLSQSAPK	1677
mut12	AEAKYAKELEEIQMEIFYLPNLTRRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1678
mut13	AEAKYAKEVEEIQMEIFRLPNLNRQRQYTA FIRKLDDPSQSSELLSEAKKLSQSAPK	1679

FIGURE 1BK

GS-hIL-1B	GSAPVRSLNCTLRDSQQKSLVMSGPPYELKALHLQGDMEQQVVFMSFVQGEESNDKIPVALGLKEK NLYLSCVLKDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEINNKLFEFESAQFPNWIISTSAENMPV FLGGTKGGQDITDFTMQFVSS	1733
PSI0653	AEAKYAKEVEEIQMEIFRLPNLTRRQYTAIRKLDDPSQSSELLSEAKKLSAQKASGGGGGGGSDKTHTCP PCPAPELLGGPSVFLPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYASTYRV VSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAV EWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNYHTQKSLSLSPGK	1734
PSI0654	AEAKYAKEVEEIQMEIFRLPNLTRRQYTAIRKLDDPSQSSELLSEAKKLSAQKASGGGGGGGSDKTHTCP PCPAPELLGGPSVFLPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYASTYRV VSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAV EWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVLHEALHSHYTKSLSLSPGK	1735
PSI0655	AEAKYAKEVEEIQMEIFRLPNLTRRQYTAIRKLDDPSQSSELLSEAKKLSAQKASGGGGGGGSDKTHTCP PCPAPELLGGPSVFLPPKPKDTLYITREPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYASTYRV SVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAE WESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNYHTQKSLSLSPGK	1736
PSI0656	AEAKYAKEVEEIQMEIFRLPNLTRRQYTAIRKLDDPSQSSELLSEAKKLSAQKASGGGGGGGSGSKYGPCC PPCPAPEFLGGPSVFLPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQFNSTYR VSVLTVLHQDWLNGKEYCKVSNKGLPSSIEKTIKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLVKGFYPSDIA VEWESNGQPENNYKTTPPVLDSDGSFFLYSRLTVDKSRWQEGNVFCSCVMHEALHNYHTQKSLSLSPGK	1737

FIGURE 2

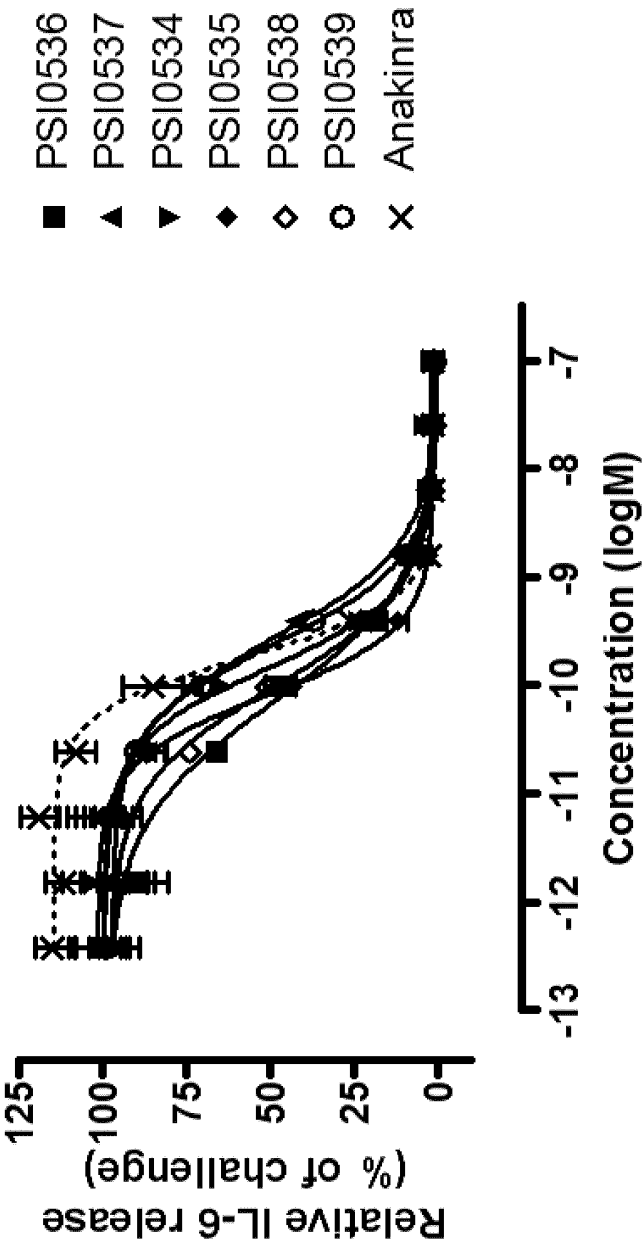


FIGURE 3

