

ge500aa	386	TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF
ge505aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIE
ge510aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP
ge515aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQ
ge520aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT
ge525aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEI
ge530aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEITPVNP
ge534aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEITPVNP GTSP
ge537aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEITPVNP GTSPLLR
ge540aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEITPVNP GTSPLLR YAA
ge543aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEITPVNP GTSPLLR YAA WTG
ge546aa		TCQPM RLYSTCLYHP NAPQCLSHMN SGCTFTSPHL AQRVASTVYQ NCEHADNYTA YCLGISHMEP SFGLILHDGG TTLKFVDTP E SLSGLYVFV YFNHVEAVA YTVVSTVDHF VNAIEERGFP PTAGQPPATT KPKEITPVNP GTSPLLR YAA WTGGLA

Fig. 2