	9.00	cov	pid	121		180
1	GAA92866.1	100.0%	100.0%		LGITVNSNKSLIGEGTSGVIKGRGLRMVSGVSNIIIQ	
2	QQK48079.1	100.0%	75.1%		LGINIGSNKSLIGEGTSGVIKGRGLRLANGVONIIVO	
3	CAK47350.1	100.0%	96.5%		LGITVNSNKSLIGEGTSGVIKGRGLRMVSGVSNIIIQ	
4	AAA32701.1	100.0%	96.2%		LGITVNSNKSLIGEGTSGVIKGRGLRMVSGVSNIIIQ	
5	QMW36737.1	100.0%	78.4%		LGITVNSNKSLIGEGTKGVIKGKGLRIVNGVENVIIQ	
6	AIE38009.1	91.7%	80.2%		LGITVNSNKSLIGERYQRXHPRAVVSAWVSGVSNIIIQ	CIVPGLHTLLPSQ
7	BCR99717.1	100.0%	100.0%		LGITVNSNKSLIGEGTSGVIKGRGLRMVSGVSNIIIQ	
8	AFS18475.1	98.4%	73.7%		LGINIGSNKSLIGEGTSGVIKGRGLRLANGVONTIVO	
9	OMW48793.1	100.0%	78.4%		LGITVNSNKSLIGEGTKGVIKGKGLRIVNGVENVIIO	
10	AGV28619.1	100.0%	75.1%		LGINIGSNKSLIGEGTSGVIKGRGLRLANGVONIIVO	
	CAP80630.1	100.0%	83.9%		LGITVGSNKSLIGEGTSGVIKGRGLRIVNGVENVIVO	
	QRD92196.1	100.0%	78.4%		LGITVNSNKSLIGEGTKGVIKGKGLRIVNGVENVIIQ	
	BAE65949.1	100.0%	78.4%		LGITVNSNKSLIGEGTKGVIKGKGLRIVNGVENVIIO	
	AAM23009.1	98.7%	67.8%		LGITVGSNKSLIGEGTTGVIKGRGLRIVNGVKNVIVO	
	BAB82468.1	100.0%	77.9%		LGITVNSNKSLIGEGTKGVIKGKGLRIVNGVENVIIO	
	OXN15357.1	100.0%	75.5%		LGITVNSNKSLIGEGTSGVIKGKGLRIVSGAKNIIIO	
17	GAQ43951.1	100.0%	98.9%		LGITVNSNKSLIGEGTSGVIKGRGLRMVSGVSNIIIO	
	SPB48655.1	100.0%	96.2%		LGITVNSNKSLIGEGTSGVIKGRGLRMVSGVSNIIIO	
	consensus/100%				LGIslsSNKSLIGE+h.RssGspNlIlo	
	consensus/90%				LGIslsSNKSLIGEGTpGVIKG+GLRhssGVpN1I10	
1	consensus/80%				LGITVsSNKSLIGEGTpGVIKG+GLRhVsGVpN1I10	
	consensus/70%				LGITVNSNKSLIGEGTpGVIKG+GLRhVsGVpN1IIQ	
	C44020CC 1	cov		181	. 2	246 GROHYVLGTE
	GAA92866.1		100.0%			
2		100.0%	75.1%			GROHYVL GTG
	CAK47350.1	100.0%	96.5%			GROHYVL GTD
4		100.0%	96.2%			GROUY/LGTD
100	QMW36737.1 AIE38009.1	100.0%	78.4% 80.2%			G <mark>RQHYVLGTE</mark> GROHYVLGTD
6	No. 27 (1985) 1985 (1985)		100.0%		TKPWNSHRNIAVTDINPEYTARI	
7	AFS18475.1	100.0%			NEAVED INDEVLUCED ATT. DOAD AND DESCRIPTION	
8		00 40				G <mark>RQHYVL</mark> <mark>GTE</mark>
0		98.4%	73.7%		NIAVTDINARYVWGGDAITLDQADLVWLDHITTARI	G <mark>RQHYVL GTE</mark> G <mark>RQHYVL GT</mark> G
10	QMW48793.1	100.0%	73.7% 78.4%		NIAVTDIN <mark>A</mark> RYVWGGDAITLDQADLVWLDHITTA <mark>RI</mark> NIAVTDIN <mark>E</mark> KYVWGGDAITINQADLVWIDHVTTARI	G <mark>RQHYVLGTE</mark> GRQHYVLGTG G <mark>RQHYVLGTE</mark>
10	QMW48793.1 AGV28619.1	100.0%	73.7% 78.4% 75.1%		NIAVTDIN <mark>A</mark> RYVWGGDAITLDQADLVWLDHITTARI NIAVTDINAKYWGGDAITINQADLVWIDHVTTARI NIAVTDIN <mark>A</mark> RYVWGGDAITLDQADLVWLDHITTARI	G <mark>RQHYVL GTE</mark> GRQHYVL GTG GRQHYVL GTE G <mark>RQHYVL GT</mark> G
10 11	QMW48793.1 AGV28619.1 CAP80630.1	100.0% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9%		NIAVTDINARYWGGDAITLDQADLWLDHITTARINIAVTDINAKYWGGDAITINQADLWIDHVTTARINIAVTDINARYWGGDAITLDQADLWLDHITTARINIAVTDINARYWGGDAITLDQADLWLDHITTARI	GRQHYVL GTE GRQHYVL GTG GRQHYVL GTE GRQHYVL GTG GRQHYVL GTE
10 11 12	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1	100.0% 100.0% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4%		NIAVTDINĀRYVWGGDAITLDQAD LVLDHITTIARTNIAVTDINĀKYVWGGDAITINQAD LVLDHITTIARINIAVTDINĀRYVWGGDAITINQAD LVLDHITTIARINIAVTDINĀRYVWGGDAITINQAD LVLDHITTIARINIAVTDINĀRYVWGGDAITINQAD LVLDHITTIARI	GROHYVL GTE GROHYVL GTE GROHYVL GTE GROHYVL GTE GROHYVL GTE GROHYVL GTE
10 11 12 13	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1	100.0% 100.0% 100.0% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4%		NIAVTDINARYWGGDAITIDQADLWLDHITTARINIAVTDINAKYWGGDAITINQADLWLDHITTARI	CROHYVL GTE
10 11 12 13 14	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1	100.0% 100.0% 100.0% 100.0% 100.0% 98.7%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4%		NIAVTDINARYWGGDAITIDQADLWLDHITT-ARINIAVTDINEKYWGGDAITINQADLWIDHVTT-ARINIAVTDINARYWGGDAITINQADLWLDHITT-ARI	GRONYL GTE DCSHNSSALRPGTE
10 11 12 13 14 15	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1 BAB82468.1	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4% 67.8%		NIAVTDINARYWGGDAITIDQAD LWLDHITTI ARI	RQHYVL GTE RQHYVL GTG RQHYVL GTG RQHYVL GTG RQHYVL GTE RQHYVL GTE RQHYVL GTE RQHYVL GTE RQHYVL GTE RQHYVL GTE
10 11 12 13 14 15 16	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1 BAB82468.1 OXN15357.1	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 67.8% 77.9% 75.5%		NIAVTDINARYWGGDAITLDQADLWLDHITTIARI	GROHYVLGTE GROHYVLGTG GROHYVLGTG GROHYVLGTE GROHYVLGTE GROHYVLGTE GROHYVLGTE GROHYVLGTE GROHYVLGTE GROHYVLGTE GROHYVLGTE GROHYVLGTE
10 11 12 13 14 15 16 17	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1 BAB82468.1 OXN15357.1 GAQ43951.1	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4% 67.8% 77.9% 75.5% 98.9%		NIAVTDINARYWGGDAITLDQADLWLDHITTARI	GROHYVL GTE GROHYVL GTG GROHYVL GTE
10 11 12 13 14 15 16 17	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65549.1 AAM23009.1 BAB82468.1 OXN15357.1 GAQ43951.1 SPB48655.1	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4% 67.8% 77.9% 75.5% 98.9%		NIAVTDINARYWGGDAITIDQADLWLDHITTARI	RQHYVL GTE GRQHYVL GTE
10 11 12 13 14 15 16 17	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1 BAB82468.1 OXN15357.1 GAQ43951.1 SPB48655.1 consensus/100%	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4% 67.8% 77.9% 75.5% 98.9%			RQHYVL GTE RQHYVL GTD
10 11 12 13 14 15 16 17	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1 BAB82468.1 OXN15357.1 GAQ43951.1 SPB48655.1 consensus/100% consensus/90%	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4% 67.8% 77.9% 75.5% 98.9%			GROHYVL GTE
10 11 12 13 14 15 16 17	QMW48793.1 AGV28619.1 CAP80630.1 QRD92196.1 BAE65949.1 AAM23009.1 BAB82468.1 OXN15357.1 GAQ43951.1 SPB48655.1 consensus/100%	100.0% 100.0% 100.0% 100.0% 100.0% 98.7% 100.0% 100.0%	73.7% 78.4% 75.1% 83.9% 78.4% 78.4% 67.8% 77.9% 75.5% 98.9%			RQHYVL GTE RQHYVL GTD