

6	51					
6666666.164650.peg.992	RHLVFFNVHP	YLVSPILGVT	LALEEDKANG	<b>AKVEDEAIQG</b>	<b>VKVGMMGPLA</b>	GVGDPVFWYT
1196095.111.peg.1667	RHLEFFNTHP	YLA <mark>SPILGVT</mark>	LAFEEERANG	AAIDDVTIQG	VKVGMMGPLA	GVGDPVFWFT
1196095.110.peg.1341	RHLEFFNTHP	YLA <mark>SPILGVT</mark>	LAFEEERANG	AAIDDVTIQG	VKVGMMGPLA	GVGDPVFWFT
1196095.102.peg.1544	RHLEFFNTHP	YLA <mark>SPIL</mark> GVT	LAFEEERANG	AAIDDV <mark>TIQG</mark>	V <mark>K</mark> IGMMGPLA	GVGDPVFWFT
1196095.97.peg.47	RHLEFFNTHP	YLA <mark>SPILGVT</mark>	LAFEEERANG	AAIDDVTIQG	VKVGMMGPLA	GVGDPVFWFT
1196095.128.peg.2257	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>QG</mark>	V <mark>K</mark> VGMMGPLA	GVGDPVFWVT
1196095.132.peg.950	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	<b>APVDDVTIQG</b>	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.127.peg.1472	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	APVDDVTIQG	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.122.peg.1589	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	A <mark>PVDDVAIQG</mark>	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.115.peg.1219	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	A <mark>PV</mark> DDVAIQG	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.114.peg.182	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	<b>AQVDDVAIQG</b>	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.123.peg.1613	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	A <mark>PV</mark> DDVAIQG	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.117.peg.2475	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.116.peg.281	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.124.peg.348	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	VKVGMMGPLA	GVGDPVFWFT
1196095.118.peg.1150	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.105.peg.696	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.104.peg.1421	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.106.peg.52	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	VKVGMMGPLA	GVGDPVFWFT
1196095.120.peg.1145	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.107.peg.20	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.112.peg.561	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFLFT
1196095.119.peg.970	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.103.peg.1755	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAV <mark>DD</mark> VAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.101.peg.1823	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.100.peg.921	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.126.peg.1488	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.99.peg.2369	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AVVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.98.peg.1108	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AVVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.109.peg.1163	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AVVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.113.peg.1887	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.108.peg.1550	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEER <mark>ANG</mark>	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.131.peg.1223	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	APVDDVAIQG	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.129.peg.983	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.96.peg.396	RHLEFFNTHP	YLA <mark>SPVLGV</mark> T	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.95.peg.690	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.94.peg.375	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.135.peg.2177	RHLEFFNTHP	YLA <mark>SPVLGVT</mark>	LALEEER <mark>ANG</mark>	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.134.peg.2021	RHLEFFNTHP	YLA <mark>SPVL</mark> GVT	LALEEERANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.130.peg.2298	RHLEFFNTHP	YLA <mark>SPVLGVT</mark>	LALEEE <mark>R</mark> ANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
6666666.164646.peg.326	RHLEFFNTHP	YLA <mark>SPVLGVT</mark>	LALEEE <mark>R</mark> ANG	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.121.peg.1785	RHLEFFNTHP	YLA <mark>SPVLGVT</mark>	LALEEER <mark>ANG</mark>	AAVDDVAI <mark>Q</mark> G	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT
1196095.125.peg.1933	RHLEFFNTHP	YLA <mark>SPVLGVT</mark>	LALEEER <mark>ANG</mark>	AAVDDVAI QG	V <mark>K</mark> VGMMGPLA	GVGDPVFWFT

6666666.164650.peg.992	VRPIVGALGA	SMAIQGNILG	PILFFVIWNV	IRLAFMWYTQ	EFGYKAGSAI	TNDMSGGLLQ
1196095.111.peg.1667	LRMMLGGLGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRCCFMWYTQ	EFGYHTGSKI	IDNLSGGLLP
1196095.110.peg.1341	LRMMLGGLGA	SLALSGNIMG	PILFFLLWNI	IRCCFMWYTQ	EFGYHTGSKI	IDNLSGGLLP
1196095.102.peg.1544	LRMMLGGLGA	SLALSGNIMG	PILFFLLWNI	IRCCFMWYTQ	EFGYHTGSKI	IDNLSGGLLP
1196095.97.peg.47	LRMMLGGLGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRCCFMWYTQ	EFGYHTGSKI	IDNLSGGLLP
1196095.128.peg.2257	VRPMLGALGA	SLALSGNILG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYHAGAK <mark>I</mark>	TDNLSGGLLQ
1196095.132.peg.950	VRPMLGALGA	SLALSGNILG	PILFFLLW <mark>N</mark> I	IRMSFMWFTQ	EFGYRTGSKI	TDNLGGGLLQ
1196095.127.peg.1472	LRPMLGGLGA	SLALSGNILG	PILFFLLW <mark>N</mark> I	IRMCFMWFTQ	ELGYRTGSKI	TDNLSGGVLQ
1196095.122.peg.1589	VRPMLGALGA	SLALSGNILG	PILFFLFW <mark>N</mark> I	IRWSFMWFTQ	EFGYRTGSKI	TDNLGGGLLQ
1196095.115.peg.1219	VRPMLGALGA	SLALSGNILG	PILFFLFW <mark>N</mark> I	IRGSFMWFTQ	EFGYRTGSKI	TDNLGGGLLQ
1196095.114.peg.182	V <mark>R</mark> PMLGALGA	SLALSGNILG	PILFFLFW <mark>N</mark> I	IRWSFMWFTQ	EFGYRTGSKI	TDNLGGGLLQ
1196095.123.peg.1613	VRPMLGALGA	SLALSGNILG	PILFFLFW <mark>N</mark> I	IRWSFMWFTQ	EFGYRTGSKI	TDNLGGGLLQ
1196095.117.peg.2475	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.116.peg.281	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.124.peg.348	VRPMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.118.peg.1150	VRPMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.105.peg.696	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.104.peg.1421	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.106.peg.52	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.120.peg.1145	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.107.peg.20	V <mark>R</mark> PMLGALGA	SLALSGNILG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.112.peg.561	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.119.peg.970	VRPMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.103.peg.1755	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.101.peg.1823	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.100.peg.921	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.126.peg.1488	VRPMLGALGA	SLALSGNIMG	PILFFLVW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.99.peg.2369	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.98.peg.1108	VRPMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.109.peg.1163	VRPMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.113.peg.1887	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.108.peg.1550	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.131.peg.1223	V <mark>R</mark> PMLGALGA	SLAL <mark>SGNVIG</mark>	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.129.peg.983	V <mark>R</mark> PMLGALGA	SLALSGNIVG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.96.peg.396	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWGFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.95.peg.690	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.94.peg.375	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.135.peg.2177	V <mark>R</mark> PMLGALGA	SLAL <mark>SGNVMG</mark>	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.134.peg.2021	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.130.peg.2298	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFLLW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
6666666.164646.peg.326	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFILW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.121.peg.1785	V <mark>R</mark> PMLGALGA	SLALSGNIMG	PILFFILW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ
1196095.125.peg.1933	V <mark>R</mark> PMLGALGA	SLAL <mark>SGNIMG</mark>	PILFFILW <mark>N</mark> I	IRWSFMWYTQ	EFGYRTGSKI	TDNLSGGLLQ

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6666666.164650.peg.992	<b>KVTRGASMMG</b>	MFVL <mark>GSLIER</mark>	WV <mark>NIK</mark> FTPIV	SKTPVQKGGY	IDWGSLPAGA	KGIQQALIDQ
1196095.111.peg.1667	KITKGASILG	MLVVAALVQR	WV <mark>SIK</mark> FQPVV	AK <mark>VK</mark> LDNGAF	IDWNSLPAGA	EGIQKALMQM
1196095.110.peg.1341	K <mark>ITK</mark> GASILG	MLVVAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	A <mark>K</mark> VKLDNGAF	IDWNSLPAGA	EGIQKALMQM
1196095.102.peg.1544	KITKGASILG	MLVVAALV <mark>QR</mark>	WVSIKFQPVV	A <mark>K</mark> VKLDNGAF	IDWNSLPAGA	EGIQKALMQM
1196095.97.peg.47	KITKGASILG	MLVVAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	A <mark>K</mark> VKLDNGAF	IDWNSLPTDA	KGIQKALMQM
1196095.128.peg.2257	K <mark>ITK</mark> GASILG	MFVLAALI <mark>PR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPAGA	QGI <mark>K</mark> QALTQL
1196095.132.peg.950	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNSLPAGA	EGIQKALIQM
1196095.127.peg.1472	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNSLPAGA	EGIQKALMQM
1196095.122.peg.1589	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	STV <mark>K</mark> LDNGAF	IDWNSLPAGT	EGIHKALIQM
1196095.115.peg.1219	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	STV <mark>K</mark> LDNGAF	IDWNSLPAGA	<b>EGIHQALIQM</b>
1196095.114.peg.182	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	STVKLDNGAF	IDWNSLPAGA	<b>EGIHQALIQM</b>
1196095.123.peg.1613	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	STV <mark>K</mark> LDNGAF	IDWNSLPAGA	<b>EGIHQALIQM</b>
1196095.117.peg.2475	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIVKLDKGAF	IDWNSLPAGA	EGIQKALMQM
1196095.116.peg.281	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIVKLDKGAF	IDWNSLPAGA	EGIQKALMQM
1196095.124.peg.348	K <mark>ITK</mark> GASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIV <mark>K</mark> LDKGAF	IDWNTLPIGA	EGIQKALLQM
1196095.118.peg.1150	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIVKLDKGAF	IDWNTLPIGA	EGIQKALLQM
1196095.105.peg.696	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIVKLDKGAF	IDWNTLPIGA	EGIQKALLQM
1196095.104.peg.1421	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIVKLDKGAF	IDWNTLPIGA	EGIQKALLQM
1196095.106.peg.52	KITKSASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPIV	SIVKLDKGAF	IDWNTLPIGA	EGIQKALLQM
1196095.120.peg.1145	KITKGASILG	MFVLAALV <mark>QR</mark>	WVSIKFQPVV	STVKLDNGAF	IDWNTLPVGA	<b>EGIQQALIQM</b>
1196095.107.peg.20	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNTLPVGA	<b>EGIQQALIQM</b>
1196095.112.peg.561	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPVGA	<b>EGIQQALIQM</b>
1196095.119.peg.970	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNTLPVGA	<b>EGIQQALIQM</b>
1196095.103.peg.1755	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNTLPAGA	KGIQQALIQM
1196095.101.peg.1823	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.100.peg.921	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.126.peg.1488	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.99.peg.2369	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.98.peg.1108	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.109.peg.1163	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.113.peg.1887	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.108.peg.1550	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNTLPAGA	<b>EGIQQALIQM</b>
1196095.131.peg.1223	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNSLPAGA	EGIQKALIQL
1196095.129.peg.983	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STV <mark>K</mark> LDNGAF	IDWNSLPDGA	<b>EGIQQALIQL</b>
1196095.96.peg.396	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	STVKLDNGAF	IDWNNLPIGA	EGIQKALIDM
1196095.95.peg.690	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	SSVKLDNGAF	IDWNTLPIGA	EGI <mark>QK</mark> ALIEM
1196095.94.peg.375	KITKGASILG	MFVLAALV <mark>QR</mark>	WV <mark>SIK</mark> FQPVV	SSV <mark>K</mark> LDNGAF	IDWNTLPIGA	EGI <mark>QK</mark> ALIEM
1196095.135.peg.2177	KITKGASILG	MFILAALV <mark>QR</mark>	WVSI <mark>N</mark> FQPVV	SKVKLGDGAF	IDWNHLPAGS	EGIQTALQQM
1196095.134.peg.2021	KITKGASILG	MFVLAALV <mark>QR</mark>	WVSI <mark>K</mark> FQPVV	STVKLDNGAF	IDWNAL <mark>PAG</mark> A	EGIQKALQQM
1196095.130.peg.2298	KITKGASILG	MFVLAALV <mark>QR</mark>	WVSIKFQPVV	STVKLDNGAF	IDWNAL <mark>PAG</mark> A	EGIQKALQQM
6666666.164646.peg.326	KITKGASILG	MFVLAALV <mark>QR</mark>	WVSIKFKPIV	STVKLDNGAF	IDWNSLPAGA	QGIQQALQQM
1196095.121.peg.1785	KITKGASILG	MFVLAALV <mark>QR</mark>	WVSIKFKPIV	STVKLDNGAF	IDWNSLPAGA	QGIQQALQQM
1196095.125.peg.1933	KITKGASILG	MFVLAALV <mark>QR</mark>	WVSIK <mark>FQPI</mark> V	STVKLDNGAF	IDWNSL <mark>PAG</mark> A	QGIQQALQQM
		15 mm				

6666666.164650.peg.992	ANGLSLTKFK	ITTLQNNLDS	LI <mark>PGLAG</mark> LLL	TFLCMWLLKK	KVSP	
1196095.111.peg.1667	<b>QNGLSLTQEK</b>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIV <mark>G</mark> II <mark>G</mark> HV
1196095.110.peg.1341	QNGLSLTQEK	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIV <mark>G</mark> II <mark>GH</mark> V
1196095.102.peg.1544	<b>QNGLSLTHEK</b>	ITTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILMILG	LFIV <mark>G</mark> IV <mark>GH</mark> V
1196095.97.peg.47	QNGLSLTQEK	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> IV <mark>GH</mark> V
1196095.128.peg.2257	QNGLALSQEK	VTTLQNIL <mark>D</mark> Q	LI <mark>PG</mark> LI <mark>P</mark> LLL	TFLCMWLLRK	K <mark>VSPITIIL</mark> A	LFIV <mark>G</mark> IV <mark>GH</mark> V
1196095.132.peg.950	QDGLALSQDK	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VSP</mark> IIIILA	LFLV <mark>GVT</mark> GHV
1196095.127.peg.1472	QDGLALSQNQ	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VSP</mark> IIIILA	LFLV <mark>GVT</mark> GHV
1196095.122.peg.1589	QSGLALNQEK	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	KVSPILIILG	LFLVGIIGHV
1196095.115.peg.1219	QS <mark>GLAL</mark> NQEK	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	KVSPILIILG	LFLV <mark>G</mark> IL <mark>GHV</mark>
1196095.114.peg.182	QS <mark>GLAL</mark> NQEK	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	K <mark>VSP</mark> ILIILG	LFLVGIIGHV
1196095.123.peg.1613	QS <mark>GLAL</mark> NQE <mark>K</mark>	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	KVSPILIILG	LFLVGIIGHV
1196095.117.peg.2475	QNGLSLTQEK	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIV <mark>G</mark> II <mark>G</mark> HV
1196095.116.peg.281	QNG <mark>LSL</mark> TQEK	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIV <mark>G</mark> II <mark>G</mark> HV
1196095.124.peg.348	QSGLSLTQEK	ITTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIVGIIGHV
1196095.118.peg.1150	QSGLSLTQEK	ITTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIVGIIGHV
1196095.105.peg.696	QSG <mark>L</mark> SLTQEK	ITTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIV <mark>G</mark> II <mark>G</mark> HV
1196095.104.peg.1421	QSG <mark>L</mark> SLTQEK	ITTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIV <mark>G</mark> II <mark>G</mark> HV
1196095.106.peg.52	QSGLSLTQEK	ITTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KISPIIIIMG	LFIVGIIGHV
1196095.120.peg.1145	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCIWLLRK	K <mark>VS</mark> PILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.107.peg.20	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIVGIVGHV
1196095.112.peg.561	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIVGIVGHV
1196095.119.peg.970	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.103.peg.1755	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.101.peg.1823	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIVGIVGHV
1196095.100.peg.921	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VS</mark> PILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.126.peg.1488	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.99.peg.2369	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.98.peg.1108	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VS</mark> PILIILG	LFIVGIVGHV
1196095.109.peg.1163	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VS</mark> PILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.113.peg.1887	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VSPILIILG</mark>	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.108.peg.1550	QS <mark>GL</mark> SLTQQ <mark>K</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VS</mark> PILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.131.peg.1223	QNGLALTQEK	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> II <mark>G</mark> HV
1196095.129.peg.983	QSGLALTQEK	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	KVSPILIILG	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.96.peg.396	QSGLSLT <mark>R</mark> EK	VTTLQNNLDQ	LI <mark>PGLMP</mark> LLL	TFFCMWLLRK	K <mark>VSPILIIVG</mark>	LFIV <mark>G</mark> IV <mark>G</mark> HV
1196095.95.peg.690	QSGLSLTQEK	VTTLQNNLDQ	LI <mark>PG</mark> LM <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VSPILIIVG</mark>	LFIV <mark>G</mark> IA <mark>G</mark> HV
1196095.94.peg.375	QS <mark>GLSLTQEK</mark>	VTTLQNNLDQ	LI <mark>PG</mark> LM <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VSPILIIVG</mark>	LFIV <mark>G</mark> IA <mark>G</mark> HV
1196095.135.peg.2177	QAGLSLTQEK	VTTLQNNLDQ	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFLCMWLLRK	KVSPILIILG	LFVV <mark>G</mark> IV <mark>G</mark> HV
1196095.134.peg.2021	QAGLSLTQEK	VTTLQNNLDQ	LI <mark>PGLVP</mark> LLL	TFLCMWLLRK	KVSPIIIILG	LFVVGIIGHV
1196095.130.peg.2298	QAGLSLTQEK	VTTLQNNLDQ	LIPGLVPLLL	TFLCMWLLRK	KVSPIIIILG	LFVVGIIGHV
6666666.164646.peg.326	QGGLSLTQEK	VTTLQNNLDQ	LIPGLVPLLL	TFFCMWLLRK	KVSPIIIIVG	LFLVGIAGHL
1196095.121.peg.1785	QGGLSLTQEK	VTTLQNNLDQ	LI <mark>PGLVP</mark> LLL	TFFCMWLLRK	KVSPIIIIVG	LFLVGIAGHL
1196095.125.peg.1933	QSGLSLTQEK	VTTLQNNL <mark>D</mark> Q	LI <mark>PG</mark> LV <mark>P</mark> LLL	TFFCMWLLRK	K <mark>VSPIIIIVG</mark>	LFLV <mark>G</mark> IA <mark>G</mark> HL

9	0 1
6666666.164650.peg.992	
1196095.111.peg.1667	IGLL
1196095.110.peg.1341	IGLL
1100005.110.peg.1541	
1196095.102.peg.1544	IGLL
1196095.97.peg.47	IGLL
1196095.128.peg.2257	IGLL
1196095.132.peg.950	IGLL
1196095.127.peg.1472	IGLL
1196095.122.peg.1589	<b>V</b> GLL
1196095.115.peg.1219	VGLL
1196095.114.peg.182	VGLL
110600F 122 peg 1612	
1196095.123.peg.1613	VGLL
1196095.117.peg.2475	IGLL
1196095.116.peg.281	IGLL
1196095.124.peg.348	IGLL
1196095.118.peg.1150	IGLL
1196095.105.peg.696	IGLL
1196095.104.peg.1421	IGLL
1196095.104.peg.1421 1196095.106.peg.52	IGLL
1100005.100.peg.32	
1196095.120.peg.1145	IGLL
1196095.107.peg.20	IGLL
1196095.112.peg.561	IGLL
1196095.119.peg.970	IGLL
1196095.103.peg.1755	IGLL
1196095.101.peg.1823	IGLL
1196095.100.peg.921	IGLL
1196095.126.peg.1488	IGLL
1196095.99.peg.2369	IGLL
1196095.98.peg.1108	IGLL
1196095.96.peg.1106	
1196095.109.peg.1163	IGLL
1196095.113.peg.1887	IGLL
1196095.108.peg.1550	IGLL
1196095.131.peg.1223	IGLL
1196095.129.peg.983	IGLL
1196095.96.peg.396	IGLL
1196095.95.peg.690	IGLL
1106005.00.peg.000	IGLL
1196095.94.peg.375	
1196095.135.peg.2177	IGLL
1196095.134.peg.2021	IGLL
1196095.130.peg.2298	IGLL
6666666.164646.peg.326	V <mark>G</mark> LL
1196095.121.peg.1785	V <mark>G</mark> LL
1196095.125.peg.1933	IGLL