

	1	20	30	40	50	60	70	80	90	100	110		
	<p style="text-align: center;"> N F M L T Q P H S V S E S P G K T V T I S C R S S G S I A S N V Y Q W Y Q O R R P G S S P T T V I Y E D N O R P S G V P D R F R F S G S I D S S S N S A S L T I S G L K T E D E A D Y Y C Q S Y D S S N Q W V F G G G T K L T V L </p>												
5b4292e250f5f91012e6d695	I	T	T	D	Y	R				Q	S	FR1	
5b4292e250f5f91012e6d65c	I	T	T	D		R				Q	S	FR1	
5b4292e250f5f91012e6d788	I	T	D	A	R					Q	S	CDR1	
5b4292e250f5f91012e6d72e	I	T	D		R			N		Q	S	FR2	
5b4292e250f5f91012e6d6ad	I	T	D		R					Q	S	FR2	
5b4292e250f5f91012e6d781	I	T	D		R					Q	S	CDR2	
5b4292e250f5f91012e6d6f0	I	T	T		R					Q	S	CDR2	
5b4292e250f5f91012e6d6d0	I	T	D		R					Q	S	FR3	
5b4292e250f5f91012e6d78c	I	T	D		R					Q	S	CDR3	
5b4292e250f5f91012e6d7c1	I	T	D		R			F		Q	S	CDR3	
5b4292e250f5f91012e6d7bf	I	T	D		R					Q	S	FR4	
5b4292e250f5f91012e6d6b9	I	T	D		R					Q	S	FR4	
5b4292e250f5f91012e6d7c2	WG	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d643	I	T	L	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6c5	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d650	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d72d	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d644	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d642	I	T	K	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d666	A	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6f5	I	T	P	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d73b	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d71d	I	T	H	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d74e	I	R	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6ee	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d63f	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d732	I	T	D		R			P		Q	S	IGLV6-57	
5b4292e250f5f91012e6d676	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d65f	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d7d9	I	T	D	G		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6a5	I	T	D		R			Y		Q	S	IGLV6-57	
5b4292e250f5f91012e6d713	I	TT	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6ed	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6a6	T	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d703	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d734	K	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d782	I	T	D		R			T		Q	S	IGLV6-57	
5b4292e250f5f91012e6d687	L	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d633	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6ef	I	T	D		R			P		Q	S	IGLV6-57	
5b4292e250f5f91012e6d6b8	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d7cf	I	Y	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d5ff	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d7cb	I	T	D		R			L		Q	S	IGLV6-57	
5b4292e250f5f91012e6d6c9	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6d2	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d60f	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d610	I	T	D		R			K		Q	S	IGLV6-57	
5b4292e250f5f91012e6d6f9	I	T	A	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d62e	S	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d67c	I	T	D		R				V	Q	S	IGLV6-57	
5b4292e250f5f91012e6d685	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d761	T	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d65e	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d7bd	I	V	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6df	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d7c4	I	T	DK	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d74a	I	R	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d768	I	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6e1	T	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d79c	F	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d785	I	T	D		R			S		Q	S	IGLV6-57	
5b4292e250f5f91012e6d649	T	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d674	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6a3	AI	I	T	D		R			E	Q	S	IGLV6-57	
5b4292e250f5f91012e6d606	L	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d789	I	T	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d677	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d636	I	T	D		R			P		Q	S	IGLV6-57	
5b4292e250f5f91012e6d6d8	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6d4	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d64f	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d77e	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6d5	M	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d683	I	T	D		R				P	Q	S	IGLV6-57	
5b4292e250f5f91012e6d7a9	I	T	D		R			N		Q	S	IGLV6-57	
5b4292e250f5f91012e6d651	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d79a	Y	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d75b	I	L	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d78f	I	T	D		R			V		Q	S	IGLV6-57	
5b4292e250f5f91012e6d791	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6e9	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d661	I	T	D		R			Y		Q	S	IGLV6-57	
5b4292e250f5f91012e6d680	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d728	M	I	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d609	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d68e	I	T	D		R				V	Q	S	IGLV6-57	
5b4292e250f5f91012e6d5fd	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d615	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d70a	I	T	D		R				I	Q	S	IGLV6-57	
5b4292e250f5f91012e6d7ac	I	V	T	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d6d3	I	T	D		R			L		Q	S	IGLV6-57	
5b4292e250f5f91012e6d62f	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d637	L	E	I	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d63b	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d66b	I	T	D		R				Y	Q	S	IGLV6-57	
5b4292e250f5f91012e6d6de	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d6be	I	T	R	D		R				Q	S	IGLV6-57	
5b4292e250f5f91012e6d795	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d710	I	T	D		R					Q	S	IGLV6-57	
5b4292e250f5f91012e6d777	I	T	D		R			Y		Q	S	IGLV6-57	
5b4292e250f5f91012e6d71e	I	T	D		R				W	Q	S	IGLV6-57	
5b4292e250f5f91012e6d740	I	T	D		R				Y	Q	S	IGLV6-57	

5b4292e250f5f91012e6d753	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d5f9	I	T		D		RA		QG.S.G.
5b4292e250f5f91012e6d738	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d758	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d762	I	T		D	I	R		QG.S.G.
5b4292e250f5f91012e6d645	I	T		D		R	E	QG.S.G.
5b4292e250f5f91012e6d6b2	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d669	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d79b	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d626	I	T		D		W		QG.S.G.
5b4292e250f5f91012e6d77c	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d74d	IL	T		D		R		QG.S.G.
5b4292e250f5f91012e6d613	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d63d	I	T		D	D	R		QG.S.G.
5b4292e250f5f91012e6d705	G	I		D		R		QG.S.G.
5b4292e250f5f91012e6d6a2	I	C	T	D		R		QG.S.G.
5b4292e250f5f91012e6d691	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6c3	I	T		D	P	R		QG.S.G.
5b4292e250f5f91012e6d67f	I	T		D		R	F	QG.S.G.
5b4292e250f5f91012e6d78b	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d73d	R	I		D		R	D	QG.S.G.
5b4292e250f5f91012e6d665	I	T		D	Y	R		QG.S.G.
5b4292e250f5f91012e6d6d6	I	T		D		F	R	QG.S.G.
5b4292e250f5f91012e6d750	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d64c	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d60c	HLP	I		D		R		QG.S.G.
5b4292e250f5f91012e6d6b7	I	T	S	D		R		QG.S.G.
5b4292e250f5f91012e6d67a	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d64d	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d70e	I	T	A	D		R		QG.S.G.
5b4292e250f5f91012e6d7c3	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d73f	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d668	I	T		D		Y	R	QG.S.G.
5b4292e250f5f91012e6d770	Y	I		D		R		QG.S.G.
5b4292e250f5f91012e6d778	I	Y	T	D		R	S	QG.S.G.
5b4292e250f5f91012e6d7d3	F	I		D		R		QG.S.G.
5b4292e250f5f91012e6d682	I	T		D	D	R		QG.S.G.
5b4292e250f5f91012e6d764	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d69e	H	I		D		R		QG.S.G.
5b4292e250f5f91012e6d605	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6fe	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d5fc	I	T	H	D		R		QG.S.G.
5b4292e250f5f91012e6d771	I	T		D	H	R		QG.S.G.
5b4292e250f5f91012e6d726	V	I	Y	D		R		QG.S.G.
5b4292e250f5f91012e6d716	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d616	I	T	R	D		R		QG.S.G.
5b4292e250f5f91012e6d7d0	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d744	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d663	I	T		D		R	Y	QG.S.G.
5b4292e250f5f91012e6d61b	F	I		D		R		QG.S.G.
5b4292e250f5f91012e6d6ab	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6af	I	T		D		R	H	QG.S.G.
5b4292e250f5f91012e6d765	I	T		D	E	R		QG.S.G.
5b4292e250f5f91012e6d655	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d76d	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d756	I	T		D		R	M	QG.S.G.
5b4292e250f5f91012e6d731	I	T		D	S	R		QG.S.G.
5b4292e250f5f91012e6d6e2	I	T		D		RY		QG.S.G.
5b4292e250f5f91012e6d6e3	I	T		D		R	T	QG.S.G.
5b4292e250f5f91012e6d6cb	I	T		D	N	R		QG.S.G.
5b4292e250f5f91012e6d7b0	I	R	T	R	D	R		QG.S.G.
5b4292e250f5f91012e6d631	I	T	L	D		R		QG.S.G.
5b4292e250f5f91012e6d7d1	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d62c	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6dc	I	T	S	D		R		QG.S.G.
5b4292e250f5f91012e6d64b	N	I		D		R		QG.S.G.
5b4292e250f5f91012e6d623	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d7c7	I	T	A	D		R		QG.S.G.
5b4292e250f5f91012e6d617	Y	I		D	DK	R		QG.S.G.
5b4292e250f5f91012e6d75d	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d743	I	T	K	D		R		QG.S.G.
5b4292e250f5f91012e6d61d	I	T		D		R	I	QG.S.G.
5b4292e250f5f91012e6d745	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d65d	I	T	Q	D		R		QG.S.G.
5b4292e250f5f91012e6d638	I	T		D	E	R		QG.S.G.
5b4292e250f5f91012e6d79f	I	T		D	Y	R		QG.S.G.
5b4292e250f5f91012e6d6c0	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d629	I	T		D		R	P	QG.S.G.
5b4292e250f5f91012e6d662	I	T	F	D		R		QG.S.G.
5b4292e250f5f91012e6d709	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6c1	I	T		D	Q	R		QG.S.G.
5b4292e250f5f91012e6d6e7	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6e8	I	T		D		R	H	QG.S.G.
5b4292e250f5f91012e6d692	I	Y	T	D		R		QG.S.G.
5b4292e250f5f91012e6d6ec	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d67d	Q	I		D		R		QG.S.G.
5b4292e250f5f91012e6d6e0	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d67e	I	T		D	P	R		QG.S.G.
5b4292e250f5f91012e6d678	I	T		D	D	R		QG.S.G.
5b4292e250f5f91012e6d6bc	I	T		D		R	I	QG.S.G.
5b4292e250f5f91012e6d664	I	T		D	P	R		QG.S.G.
5b4292e250f5f91012e6d64a	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d699	I	T		D	H	R		QG.S.G.
5b4292e250f5f91012e6d6b3	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6c8	I	T		D		R	N	QG.S.G.
5b4292e250f5f91012e6d7c8	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d7c0	K	I		D		R		QG.S.G.
5b4292e250f5f91012e6d624	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d704	I	T		D		R	Y	QG.S.G.
5b4292e250f5f91012e6d620	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6b1	I	T		D		R	V	QG.S.G.
5b4292e250f5f91012e6d688	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d6bf	I	T		D	G	R		QG.S.G.
5b4292e250f5f91012e6d6d9	I	T		D		T	R	QG.S.G.
5b4292e250f5f91012e6d7c5	I	T		D		R		QG.S.G.
5b4292e250f5f91012e6d5f8	I	T		D		R	N	QG.S.G.

5b4292e250f5f91012e6d679	I	N	D	R	QG.S.G.	
5b4292e250f5f91012e6d7a5	T		D	R	QG.S.G.	
5b4292e250f5f91012e6d68f	I	T	D	R	QG.S.G.	
5b4292e250f5f91012e6d69c	I	T	D	R	QG.S.G.	
5b4292e250f5f91012e6d6cc	I	DT	D	R	QG.S.G.	
5b4292e250f5f91012e6d62b	I	T	ED	R	QG.S.G.	
5b4292e250f5f91012e6d77b	C	I	D	R	QG.S.G.	
5b4292e250f5f91012e6d6a1	I	T	D	R	QG.S.G.	
5b4292e250f5f91012e6d712	I	T	D	R	QG.S.G.	
5b4292e250f5f91012e6d751	N	I	T	R	QG.S.G.	
5b4292e250f5f91012e6d65a	I	T	M	R	QG.S.G. I	
5b4292e250f5f91012e6d701	I	T	D	R	QG.S.G.	
5b4292e250f5f91012e6d70d	I	T	D	F	R	QG.S.G.
5b4292e250f5f91012e6d711	I	S	T	D	R	QG.S.G.
5b4292e250f5f91012e6d659	I	T	D	R	QG.S.G.	
5b4292e250f5f91012e6d6c2	P	I	T	D	R	QG.S.G.
5b4292e250f5f91012e6d73e		G	T	D	R	QG.S.G.
5b4292e250f5f91012e6d6fb	L	I	T	D	R	QG.S.G.