

	1	10	20	30	40	50	60
A0A0L0BTL1	M	N	L	S	P	M	M
EcdRecAntago2_							
EcdRec2_							
4OZT_E							
4OZR_E							
consensus>50							

	70	80	90	100	110	120
A0A0L0BTL1	S	H	I	L	L	Q
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	130	140	150	160	170	180
A0A0L0BTL1	N	A	S	T	S	N
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	190	200	210	220	230	240
A0A0L0BTL1	A	A	A	N	Q	V
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	250	260	270	280	290	300
A0A0L0BTL1	I	S	L	A	A	C
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	310	320	330	340	350	360
A0A0L0BTL1	G	A	G	N	G	S
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	370	380	390	400	410	420
A0A0L0BTL1	S	P	G	S	V	P
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	430	440	450	460	470	480
A0A0L0BTL1	G	F	S	T	S	D
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	490	500	510	520	530	540
A0A0L0BTL1	C	C	K	F	G	H
EcdRecAntago2_						
EcdRec2_						
4OZT_E						
4OZR_E						
consensus>50						

	550	560	570	580	590	600
A0A0L0BTL1	SVCATEIKKEILD	DLMTCEPPSHPT	CPLLPEDILAKC	QARNIP	PLSYNQLAVIYKLIWYQD	
EcdRecAntago2_	PLSYNQLAVIYKLIWYQD	
EcdRec2_	PLSYNQLAVIYKLIWYQD	
4OZT_E	PLSYNQLAVIYKLIWYQD	
4OZR_E	PLSYNQLAVIYKLIWYQD	
consensus>50	PLSYNQLAVIYKLIWYQD	

	610	620	630	640	650	660
A0A0L0BTL1	GYEQPSSEDLK	KRIMSSPDENESQ	HDVSRFHITEITILT	VQLIVEFAKGLPAFTKIPQEDQ		
EcdRecAntago2_	GYEQPSSEDLK	KRIMSSPDENESQ	HDVSRFHITEITILT	VQLIVEFAKGLPAFTKIPQEDQ		
EcdRec2_	GYEQPSSEDLK	KRIMSSPDENESQ	HDVSRFHITEITILT	VQLIVEFAKGLPAFTKIPQEDQ		
4OZT_E	GYEQPSSEDLK	KRIMSSPDENESQ	HDVSRFHITEITILT	VQLIVEFAKGLPAFTKIPQEDQ		
4OZR_E	GYEQPSSEDLK	KRIMSSPDENESQ	HDVSRFHITEITILT	VQLIVEFAKGLPAFTKIPQEDQ		
consensus>50	GYEQPSSEDLK	KRIMSSPDENESQ	HDVSRFHITEITILT	VQLIVEFAKGLPAFTKIPQEDQ		

	670	680	690	700	710	720
A0A0L0BTL1	ITLLKACSSEVM	MLRMARRYDHN	SDSIFFANNRSYTR	DSYKMGADNIEDLLHFCRQMY		
EcdRecAntago2_	ITLLKACSSEVM	MLRMARRYDHN	SDSIFFANNRSYTR	DSYKMGADNIEDLLHFCRQMY		
EcdRec2_	ITLLKACSSEVM	MLRMARRYDHN	SDSIFFANNRSYTR	DSYKMGADNIEDLLHFCRQMY		
4OZT_E	ITLLKACSSEVM	MLRMARRYDHN	SDSIFFANNRSYTR	DSYKMGADNIEDLLHFCRQMY		
4OZR_E	ITLLKACSSEVM	MLRMARRYDHN	SDSIFFANNRSYTR	DSYKMGADNIEDLLHFCRQMY		
consensus>50	ITLLKACSSEVM	MLRMARRYDHN	SDSIFFANNRSYTR	DSYKMGADNIEDLLHFCRQMY		

	730	740	750	760	770	780
A0A0L0BTL1	SMKVDNVEYALL	TAIVIFSDRPGLEE	AEIIVEAIQSYVIDTL	RIYILNRHCGDPM	SLVFFFA	
EcdRecAntago2_	SMKVDNVEYALL	TAIVIFSDRPGLEE	AEIIVEAIQSYVIDTL	RIYILNRHCGDPM	SLVFFFA	
EcdRec2_	SMKVDNVEYALL	TAIVIFSDRPGLEE	AEIIVEAIQSYVIDTL	RIYILNRHCGDPM	SLVFFFA	
4OZT_E	SMKVDNVEYALL	TAIVIFSDRPGLEE	AEIIVEAIQSYVIDTL	RIYILNRHCGDPM	SLVFFFA	
4OZR_E	SMKVDNVEYALL	TAIVIFSDRPGLEE	AEIIVEAIQSYVIDTL	RIYILNRHCGDPM	SLVFFFA	
consensus>50	SMKVDNVEYALL	TAIVIFSDRPGLEE	AEIIVEAIQSYVIDTL	RIYILNRHCGDPM	SLVFFFA	

	790	800	810	820	830	840
A0A0L0BTL1	KLLSLTELR	TLGNQNAEMCFSLK	LKNRKLPKFLEE	IWDVHAIPPSVQSHIQATQAEKAA		
EcdRecAntago2_	KLLSLTELR	TLGNQNAEMCFSLK	LKNRKLPKFLEE	IWDVHAIPPSVQSHIQATQAEKAA		
EcdRec2_	KLLSLTELR	TLGNQNAEMCFSLK	LKNRKLPKFLEE	IWDVHAIPPSVQSHIQATQAEKAA		
4OZT_E	KLLSLTELR	TLGNQNAEMCFSLK	LKNRKLPKFLEE	IWDVHAIPPSVQSHIQATQAEKAA		
4OZR_E	KLLSLTELR	TLGNQNAEMCFSLK	LKNRKLPKFLEE	IWDVHAIPPSVQSHIQATQAEKAA		
consensus>50	KLLSLTELR	TLGNQNAEMCFSLK	LKNRKLPKFLEE	IWDVHAIPPSVQSHIQATQAEKAA		

	850	860	870	880	890	900
A0A0L0BTL1	QEAQATTS	SAISAAATSSSS	INTSMATSSSSSL	SPSAASTP	NGGAVDYGTDMSMSLVQSD	
EcdRecAntago2_	
EcdRec2_	
4OZT_E	
4OZR_E	
consensus>50	

A0A0L0BTL1	NA
EcdRecAntago2_	..
EcdRec2_	..
4OZT_E	..
4OZR_E	..
consensus>50	..