





	391										406																														
																																									
hsap_f12	L	Y	W	G	H	S	F	C	A	G	S	L	I	A	P	C	W	V	L	T	A	A	H	C	L	Q	D	R	P	A	P	E	D	L	T	V	V	L	G	Q	E
bacu_f12	L	*	Q	G	Q	N	F	C	S	G	S	L	I	A	P	C	W	V	L	T	A	A	H	C	L	Q	N	R	R	V	P	E	R	A	D	S	-	-	-	-	-
bmys_f12	L	*	Q	G	Q	N	F	C	T	G	S	L	I	A	P	C	W	V	L	T	A	A	H	C	L	Q	N	R	R	P	C	P	Q	T	C	-	-	-	-	A	G
mmon_f12	L	*	Q	G	Q	N	F	C	T	G	S	L	I	A	P	C	W	V	L	T	A	A	H	C	L	Q	N	R	P	A	P	E	E	L	T	V	V	L	G	Q	D
dleu_f12	L	*	Q	G	Q	N	F	C	T	G	S	L	I	A	P	C	W	V	L	T	A	A	H	C	L	Q	N	R	P	A	P	E	E	L	T	V	V	L	G	Q	D
ttru_f12	L	*	Q	G	Q	N	F	C	T	G	S	L	I	V	P	C	*	V	L	T	A	A	H	C	L	Q	N	R	P	A	P	E	E	L	T	V	V	L	G	Q	D
oorc_f12	L	*	Q	G	Q	N	F	C	T	G	S	L	I	A	P	C	*	V	L	T	A	A	H	C	L	Q	N	R	P	A	P	E	E	L	T	V	V	L	G	Q	D
pmac_f12	L	*	Q	G	Q	N	F	C	T	G	S	L	I	A	P	C	W	V	L	T	A	A	H	C	P	-	-	-	P	A	T	E	E	L	T	V	V	L	G	Q	D

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	311										323										337					339															
																																									
hsap_tmprss11f	F	S	N	I	V	Q	R	V	C	L	P	D	S	S	I	K	L	P	P	K	T	S	V	F	V	T	G	F	G	S	I	V	D	D	G	P	I	Q	N	T	L
bacu_tmprss11f	F	S	I	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	R	H	R	V	W	I	H	C	G	*	-	*	P	T	Q	N	R	L
bmys_tmprss11f	F	S	N	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	H	R	V	W	I	H	C	G	*	-	*	P	T	Q	N	R	L	
mmon_tmprss11f	F	S	N	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	R	H	K	V	W	I	H	C	R	*	-	*	P	T	Q	N	R	L
dleu_tmprss11f	F	S	K	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	R	H	K	V	W	I	H	C	R	*	-	*	P	T	Q	N	R	L
ttru_tmprss11f	F	S	N	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	G	H	K	V	W	I	H	C	R	*	*	G	P	T	Q	N	R	L
oorc_tmprss11f	F	S	N	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	R	H	K	V	W	I	H	C	R	*	-	*	P	T	Q	N	R	L
pmac_tmprss11f	F	S	N	V	V	Q	S	L	P	P	R	F	I	H	K	V	A	V	*	N	K	C	I	P	H	R	V	W	I	H	C	R	*	-	R	P	T	Q	N	R	L