

human genome (hg38): chr13:31,739,610-31,739,682

20 bases |-----|

CCTATGATTGTTTTTCTGGTTTTTAAACATCTCTTCAGCCTCAGATTGATTACAATGTTCTTTCTACTTCATT

GENCODE v26 Comprehensive Transcript Set

RXFP2 **M** I V F L V F K H L F S L R L I T **M** F F L L H

Alignments of 145 vertebrate genomes

	Gaps		1		1		1		1		1		1		1		1		1		1			
human	CCT	M	I	V	F	L	V	F	K	H	L	F	S	L	R	L	I	T	M	F	F	L	L	H
chimp	...	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
bonobo	...	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
gorilla	...	.	.	I	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
orangutan	...	.	.	I	.	.	G-T	.	.	Q	.	.	.	.	.	.	.	.	.	.	.	.	.	.
gibbon	...	.	.	I	.	.	G-T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
rhesus	...	.	.	I	.	.	C-T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
green_monkey	...	.	.	I	.	.	G-T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
marmoset	T.	I	.	I	L	.	G-T	.	.	.	.	.	.	.	.	.	.	.	A	.	.	L	.	.
tarsier	...	I	V	I	.	.	G-T	I	.	.	.	.	.	.	.	.	.	.	A	.	.	.	.	R
chinese_tree_shrew	...	I	A	I	.	.	G-T	I	.	.	.	Y	.	.	.	S	.	.	.	.	L	.	.	Y
squirrel	...	I	V	I	.	.	A-T	I	.	.	.	S	R	.	.	.	.	A	.	.	L	.	.	P
mouse	T.	T	A	L	P	.	A-C	T	G	.	.	S	AG-	R	T	P	A	A	.	W	L	.	.	.
rat	T.	T	G	L			A-C	T	G	.	.	S	AG-		T	P	A	A	.	W	L	.	.	.
naked_mole-rat	...	A	-	V	I	.	A-T	I	A-A	Y	.	S	GC-	I	.	.	.	A	.	.	L	.	.	R
guinea_pig	...	I	V	I	.	.	A-T	I	A-A	C	.	S	GC-	.	.	F	T	A	.	.	L	.	.	.
chinchilla	...	C	I	V	.	.	A-T	V	A-G	Y	.	S	GC-	I	.	.	.	A	.	.	L	.	.	.
brush-tailed_rat	T.	I	A	I	.	.	A-T	V	G-GTA-	.	.	S	GC-	I	.	.	.	A	.	.	L	.	.	.
rabbit	T.	I	A	AT-	L	R	G-T	I	.	.	.	G	.	.	.	.	.	A	.	.	L	L	.	.
pika	GC	A	G	AT-	L		C-T	T	T	R	.	C	.	P	.	W	.	.	.	L	.	V	.	.
pig	C	I	V	M	.	.	G-T	T	.	.	.	S	.	C	.	.	T	A	.	.	.	.	.	.
alpaca	C	I	V	I	.	.	G-T	I	.	.	F	.	.	R	.	.	S	A	.	.	L	.	.	.
dolphin	C	V	V	I	.	.	G-T	I	.	R	.	.	.	R	.	.	.	A	.	.	L	.	.	.
minke_whale	C	I	V	I	.	.	G-T	I	.	R	.	.	.	R	.	.	.	A	.	.	L	.	.	.
cow	C	I	V	T	.	.	G-T	I	.	C	.	.	.	R	.	.	.	A	.	.	L	.	.	.
sheep	C	I	V	T	.	.	G-T	I	.	C	.	.	.	R	.	.	.	A	.	.	L	.	.	.
domestic_goat	C	I	V	T	.	.	G-T	I	.	C	.	.	.	R	.	.	.	A	.	.	L	.	.	.
horse	...	I	V	I	.	.	G-T	I	.	P	.	.	.	R	G	.	M	A	.	.	L	.	.	.
dog	...	I	V	I	.	.	G-T	I	.	.	.	.	.	.	.	.	.	A	.	.	P	.	.	.
megabat	C	A	A	I	I	.	G-T	V	.	P	L	.	S	.	R	T	A	.	.	L	.	.	.	.
big_brown_bat	...	I	P	I	I	.	G-T	I	.	.	F	.	N	C	.	.	.	A	.	.	L	.	.	N
microbat	...	I	P	I	I	.	G-T	I	.	.	F	.	N	C	.	.	.	A	.	.	L	.	.	.
shrew	...	I	V	I	.	.	G-T	V	E	.	.	.	.	.	.	.	.	A	.	.	L	.	.	.
star-nosed_mole	...	I	V	F	.	.	G-T	I	.	.	.	.	.	.	.	.	.	A	.	.	L	.	.	Y
elephant	T.C	V	V	T	.	.	G-G	T	Q	.	.	C	.	.	.	.	M	A	.	.	.	.	.	.
cape_elephant_shrew	...	V	L	T	L	F	T-C	.	Q	.	.	C	.	.	Q	.	Q	.	.	.	P	.	.	.
manatee	T.	.	V	T	.	.	T-T	P	Q	.	.	C	.	.	L	T-G	.	A	.	.	.	.	.	.
cape_golden_mole	...	T	V	I	.	.	T-C	L	S	A	.	C	.	H	.	.	K	.	L	.	.	F	R	
tenrec	AG	V	A	A	A	R	C-C	V	S	V	D	R	.	-----	-----	-----	-----	V	S	P	.	.	C	
aardvark	...	T	A	.	.	.	T-TGT-	Q	R	.	H	G	.	.	.	M	A	A	.	.	.	V	Q	
armadillo	A.	V	V	I	.	.	T-T	I	.	.	S	.	Y	.	.	.	A	.	.	L	.	.	.	