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(54) Title: LIVER-SPECIFIC EXPRESSION CASSETTES, VECTORS AND USES THEREOF FOR EXPRESSING THERA-
PEUTIC PROTEINS

FIG. 1A

		1	10	20	30	39
0	Human	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
1	Rhesus	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
2	Squirrel monkey	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
3	Bactrian camel	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
4	Ferret	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
5	Mouse lemur	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
6	Chinese tree shrew	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
7	Prairie vole	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
8	Cat	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
9	Panda	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
10	David's myotis (bat)	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
11	Coquerel's Sifaka	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
12	Dog	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
13	Armadillo	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
14	Dolphin	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
15	Bushbaby	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
16	Lesser Egyptian jerboa	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
17	Rabbit	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
18	Tibetan	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
19	Big brown bat	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				
20	Slamosed mole	GGGGGAGGCTGCTGGTGAATATTAACCAAGGTCACCCC--A-				

(57) Abstract: The present disclosure provides liver-specific expression cassettes, vectors comprising the expression cassettes, and
uses in gene therapy, particularly liver-directed gene therapy.

[Continued on next page]

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