

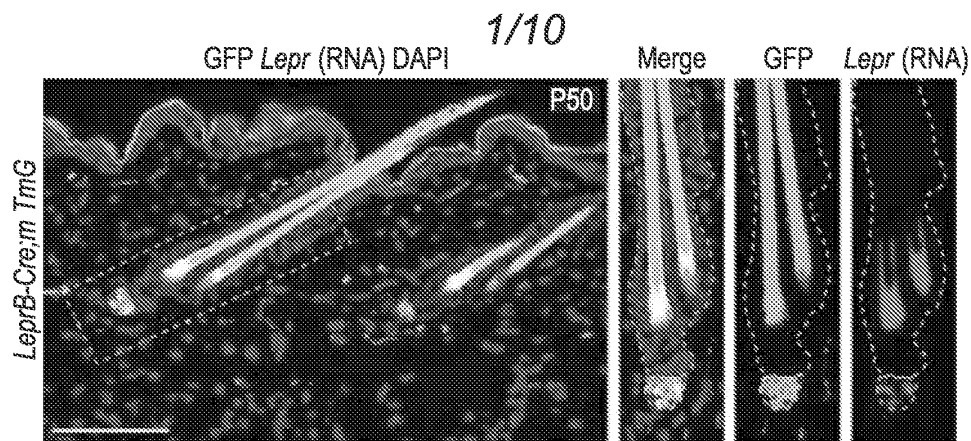


FIG. 1A

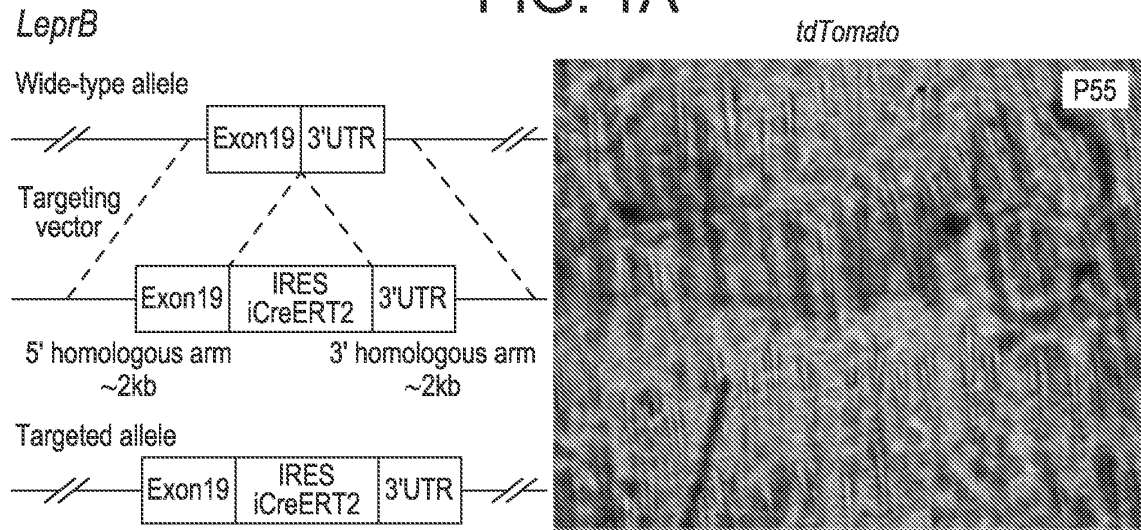


FIG. 1B

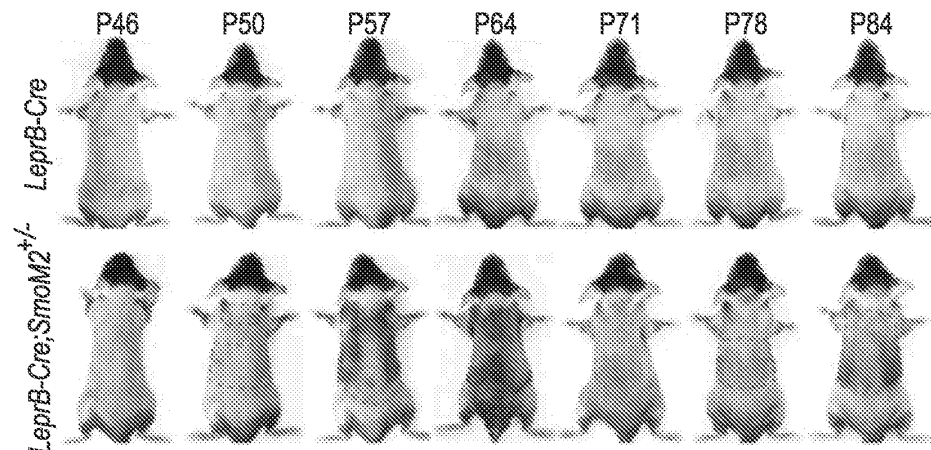


FIG. 1C

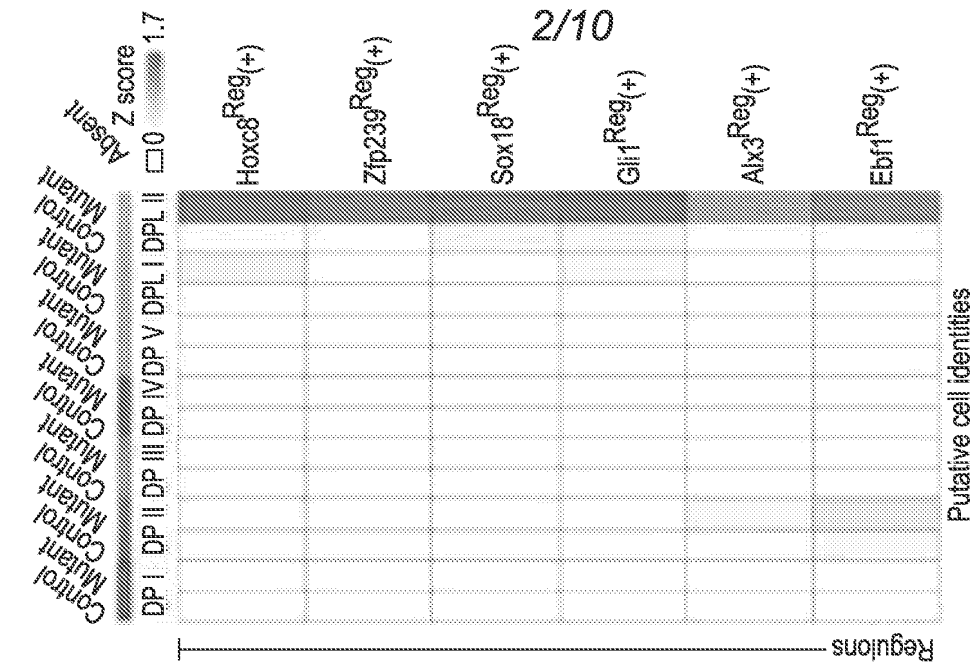
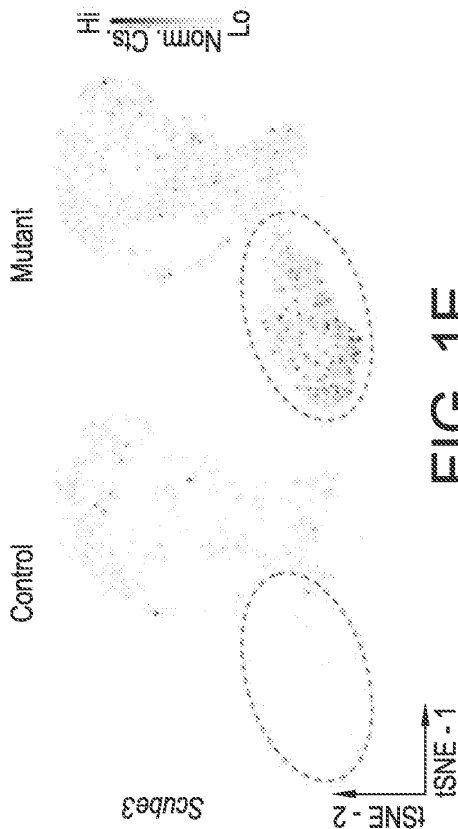


FIG. 1F



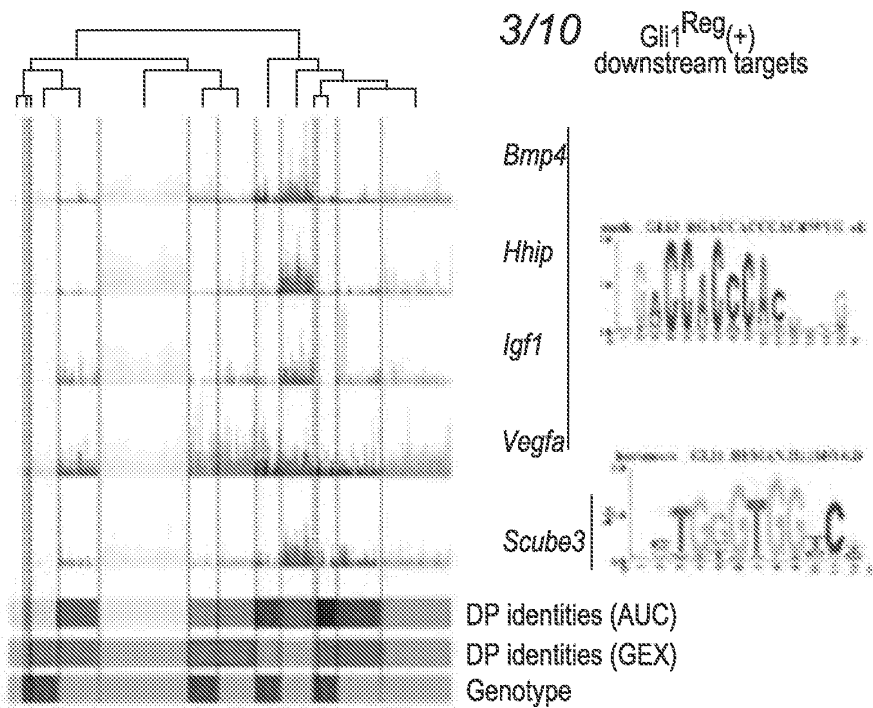


FIG. 1G

FIG. 1H

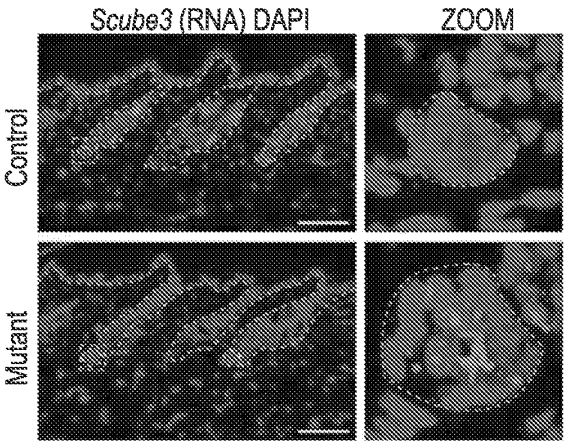
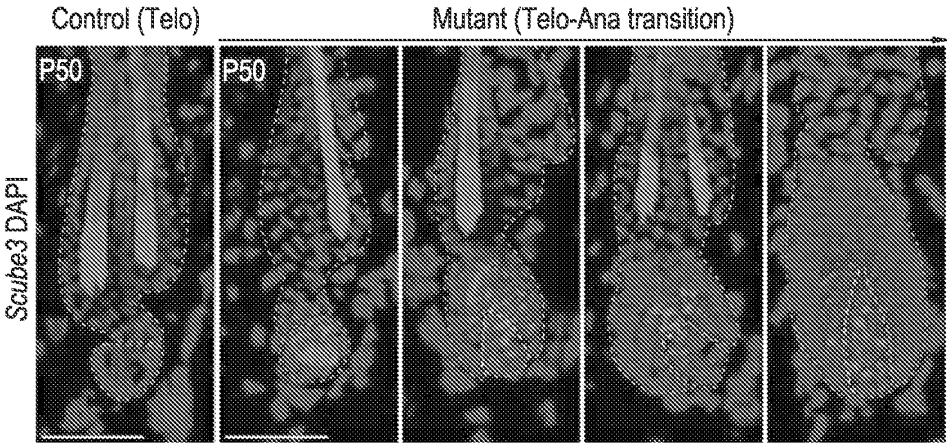


FIG. 1I



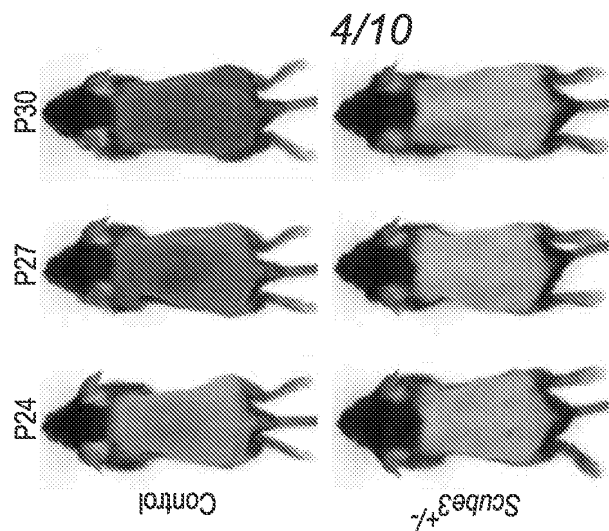


FIG. 2B

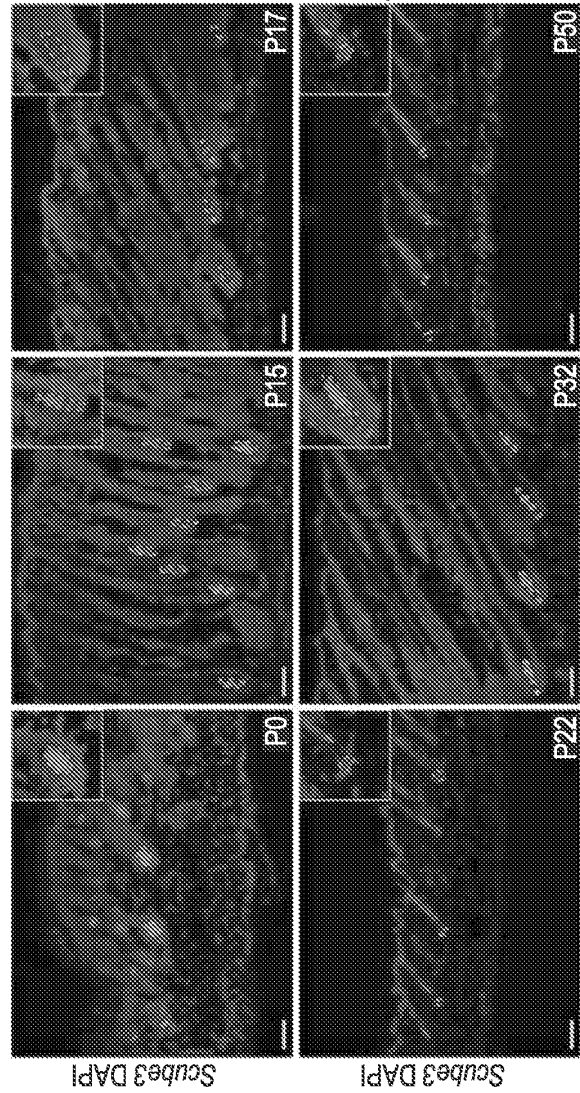


FIG. 2A

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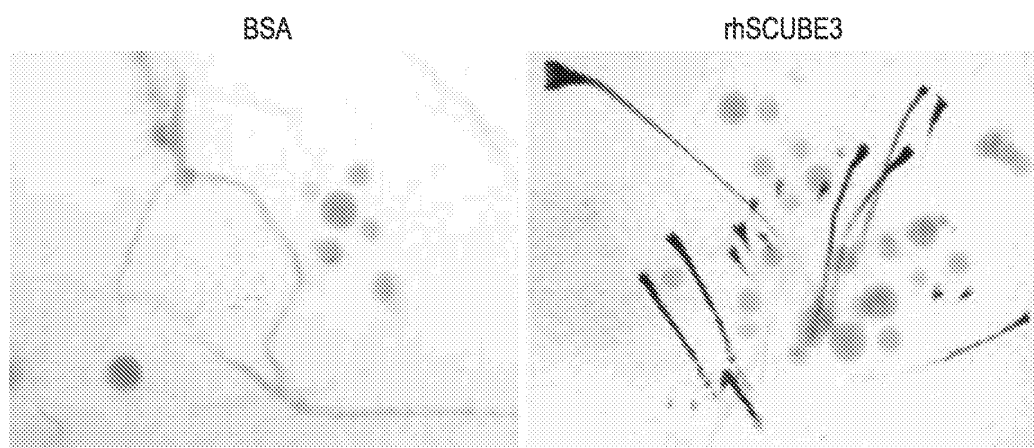


FIG. 2C

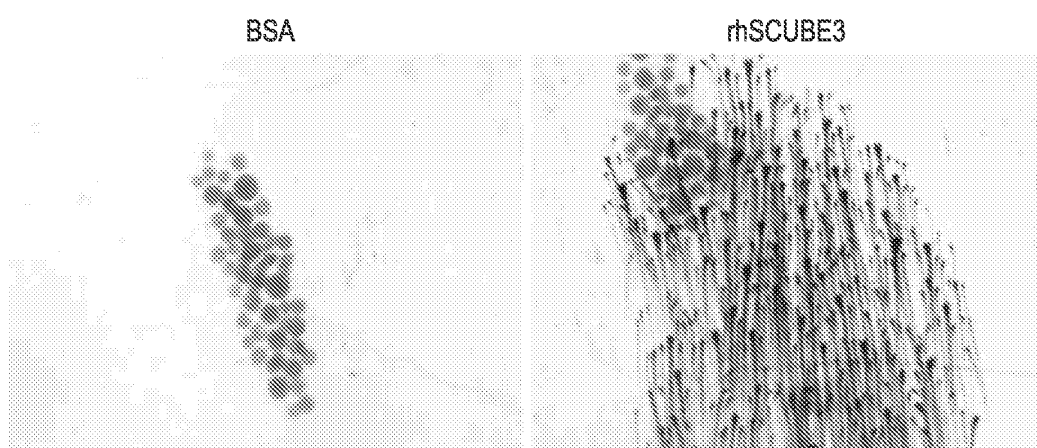


FIG. 2E

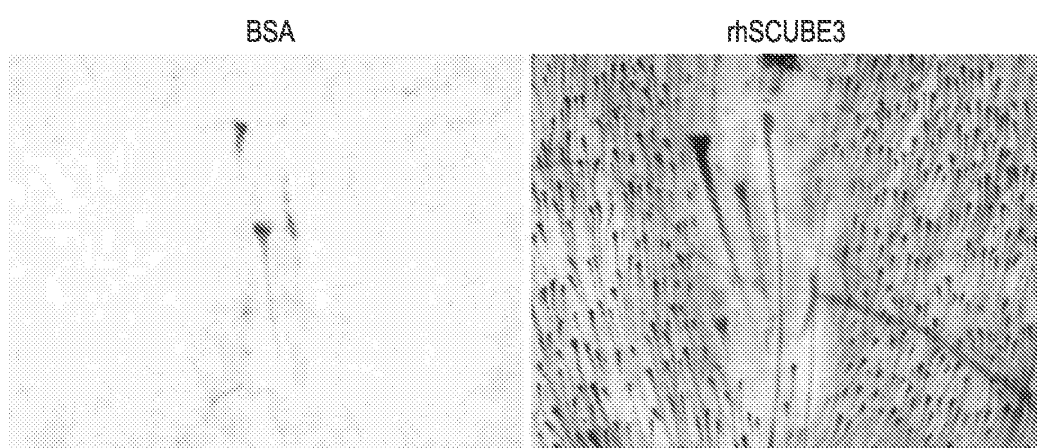


FIG. 2H

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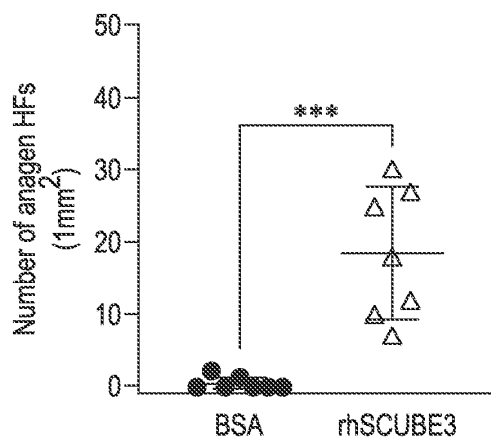


FIG. 2D

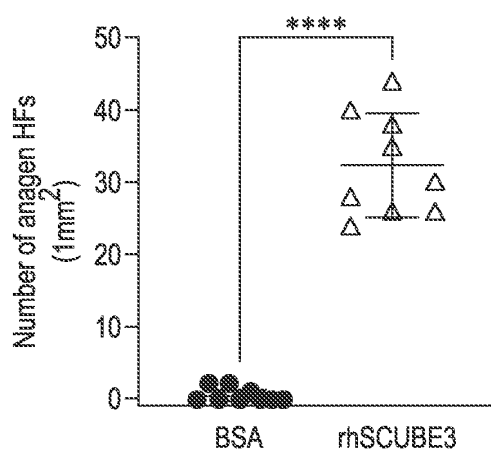


FIG. 2F

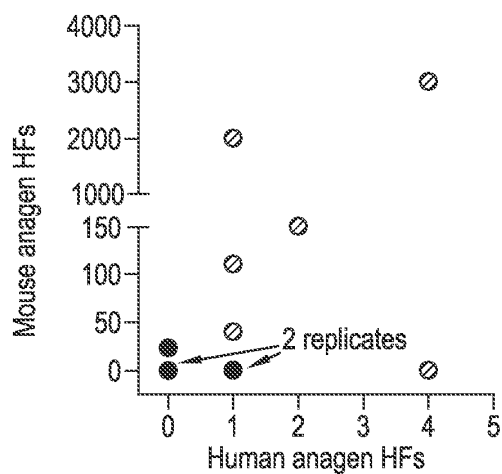


FIG. 21

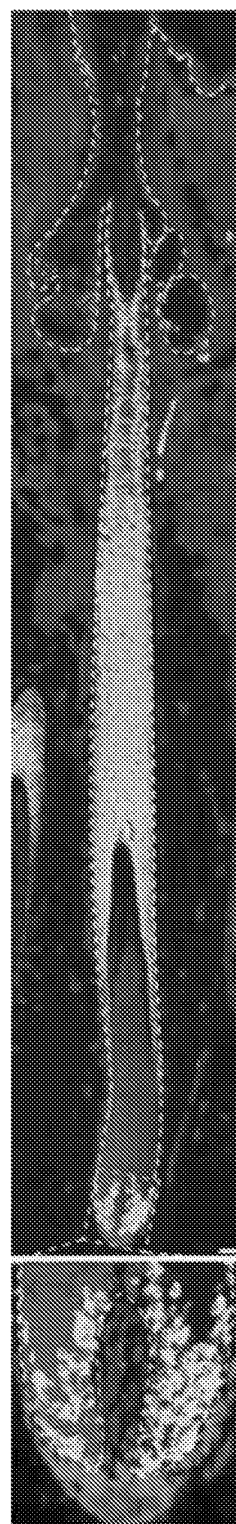


FIG. 2G

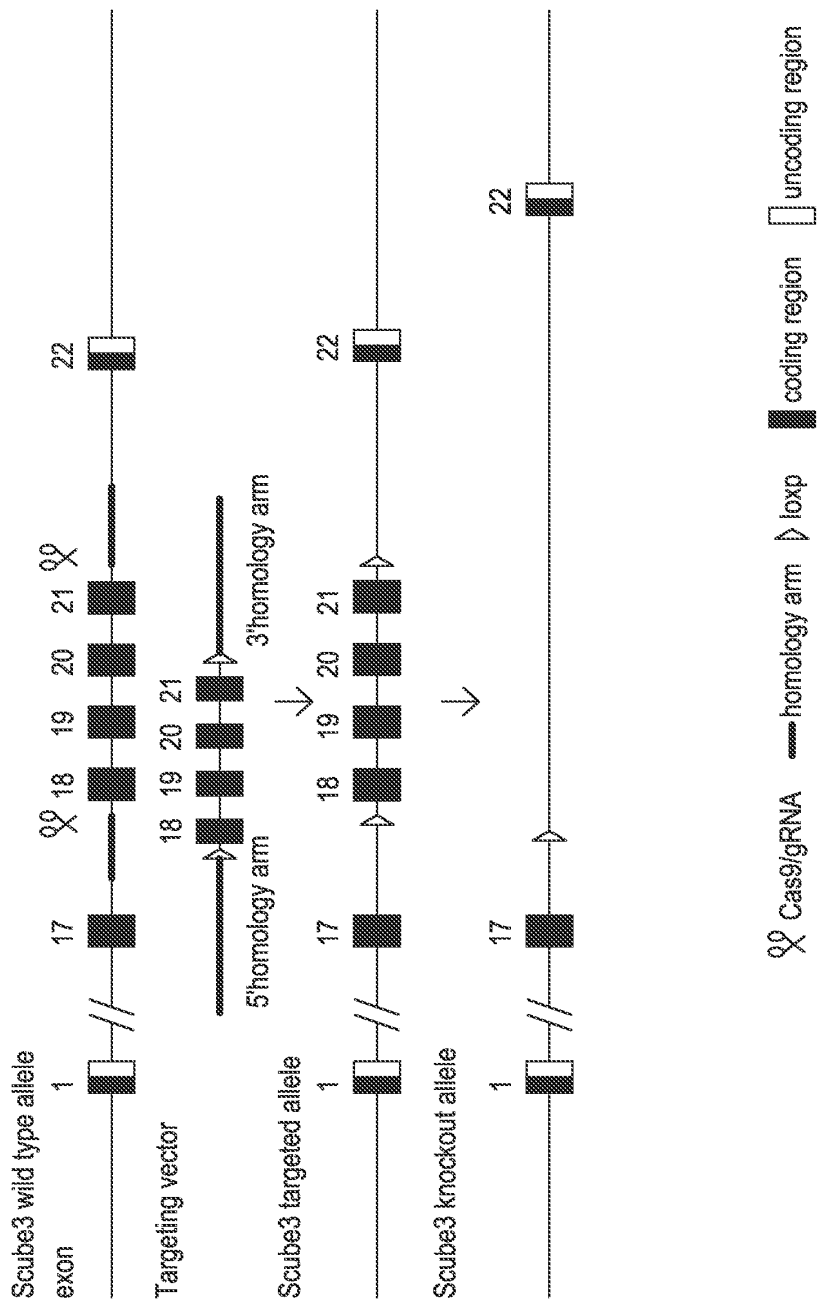


FIG. 3

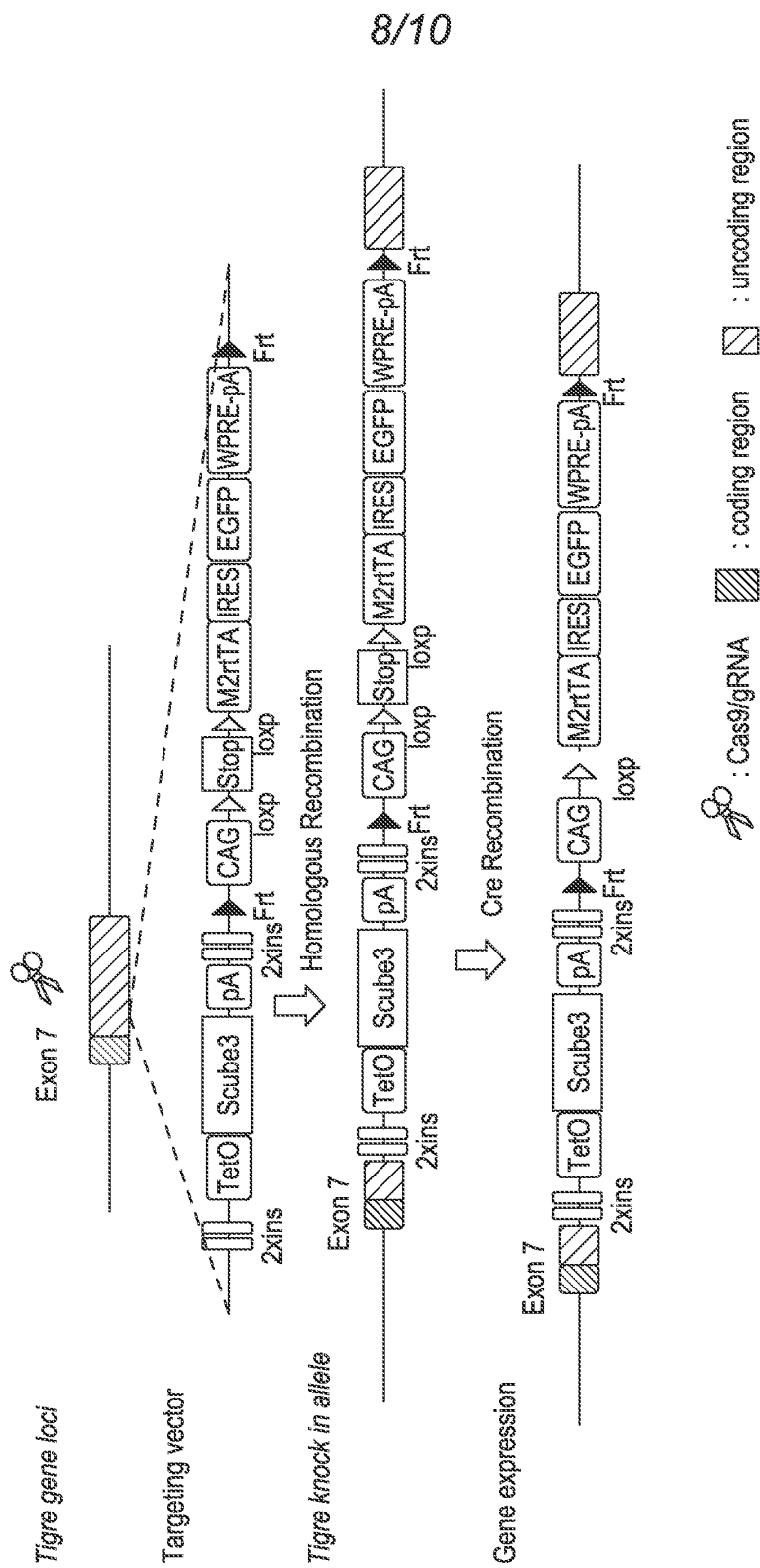


FIG. 4

SCUBE1	←→SCUBE3		
SCUBE1	1	CGGELGDTGYIESPNYPGDYPANAECVWHIAPPPKRRILIVVPEIFLPIEDECGDVLVM	60
		CGGELG++TGYIESPNYPG+YPA EC+W+I PPKR+ILIVVPEIFLP EDECGDVLVM	
SCUBE3	1	CGGELGFTGYIESPNYPGAGVECIWNINPPKRRILIVVPEIFLPSDECGDVLVM	60
SCUBE1	61	RKSASPTSITTYETCQTYERPIAFTSRSRKLWIQFKNSEGNCKGFGQVPYVITYDEDYQQL	120
		RK++SP+SITTYETCQTYERPIAFT+RSRKLWI FK++E NS +GFQ+PYVITYDEDY+QL	
SCUBE3	61	RKNSSPSSITTYETCQTYERPIAFTARSRKLWINFKTSEANSARGFQIPYVITYDEDYEQ	120
SCUBE1	121	IEDIVRDGRLYASENHQEIILKDKKLKALFDVLVLAHPQNYFYKYTAQESKEMFPRSFIKLLR	180
		+EDIVRDGRLYASENHQEIILKDKKLKA F+VLAHPQNYFYKYT ++ KEM P+SFIKLLR	
SCUBE3	121	VEDIVRDGRLYASENHQEIILKDKKLKAFEFVLVLAHPQNYFYKYT-EKHKEMLPKSFIKLLR	179
SCUBE1	181	SKVSRFLRPYK	191
		SKVS FLRPYK	
SCUBE3	180	SKVSSFLRPYK	190
SCUBE2	←→SCUBE3		
SCUBE2	1	CGGELGDTGYIESPNYPGNYPANTECTWTINPPKRRILIVVPEIFLPIEDDCGDYLVM	60
		CGGELG+FTGYIESPNYPGNYP EC W INPPKR+ILIVVPEIFLP ED+CGD LVM	
SCUBE3	1	CGGELGFTGYIESPNYPGNYPAGVECIWNINPPKRRILIVVPEIFLPSDECGDVLVM	60
SCUBE2	61	RKTSSNSVTTYETCQTYERPIAFTSRSKLWIQFKNSEGNCKGFGQVPYVITYDEDYQEL	120
		RK SS +S+TTYETCQTYERPIAFT+RS+KLWI FK++E NSARGFQ+PYVITYDEDY++L	
SCUBE3	61	RKNSSPSSITTYETCQTYERPIAFTARSRKLWINFKTSEANSARGFQIPYVITYDEDYEQ	120
SCUBE2	121	IEDIVRDGRLYASENHQEIILKDKKLKALFDVLVLAHPQNYFYKYTAQESREMFPRSFIRLLR	180
		+EDIVRDGRLYASENHQEIILKDKKLKA F+VLAHPQNYFYKYT ++ +EM P+SFI+LLR	
SCUBE3	121	VEDIVRDGRLYASENHQEIILKDKKLKAFEFVLVLAHPQNYFYKYT-EKHKEMLPKSFIKLLR	179
SCUBE2	181	SKVSRFLRPYK	191
		SKVS FLRPYK	
SCUBE3	180	SKVSSFLRPYK	190

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FIG. 5A

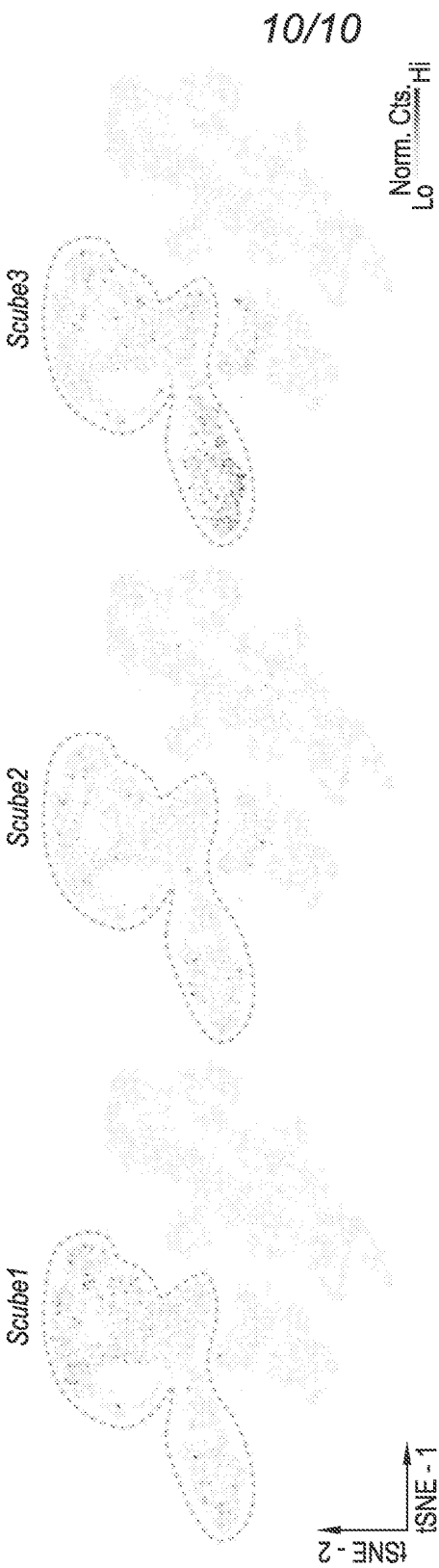


FIG. 5B