

Fig. 1B

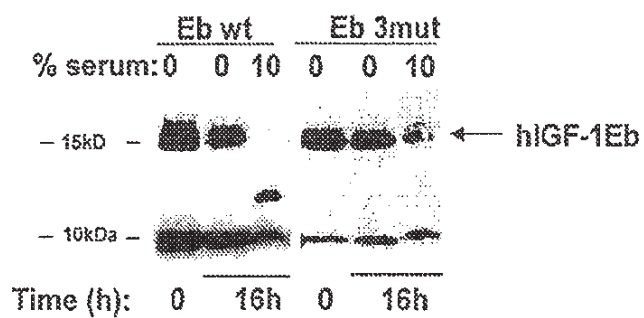
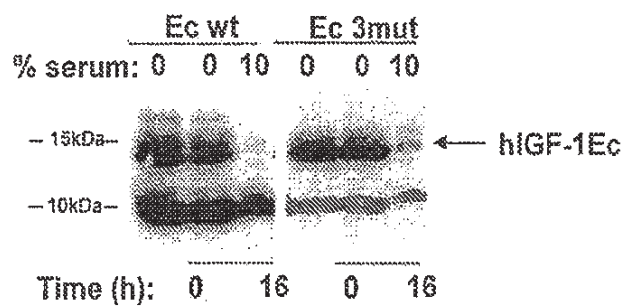


Fig. 1C



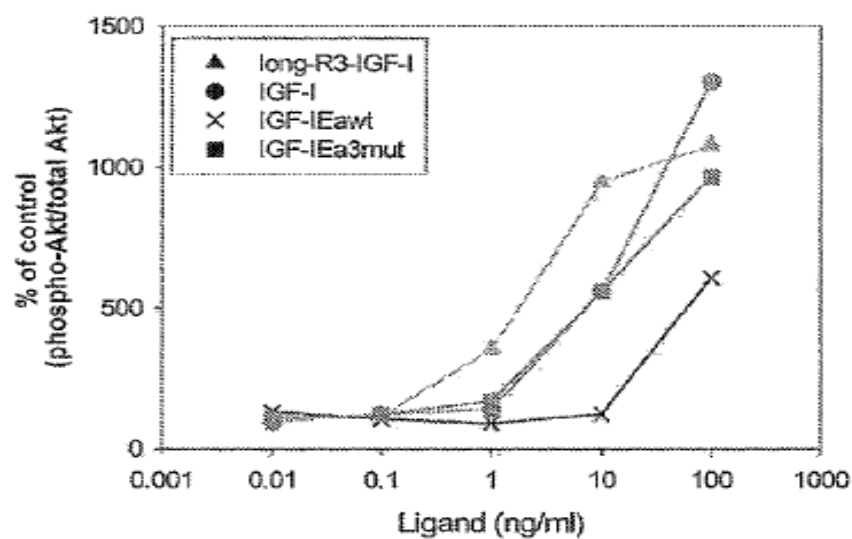
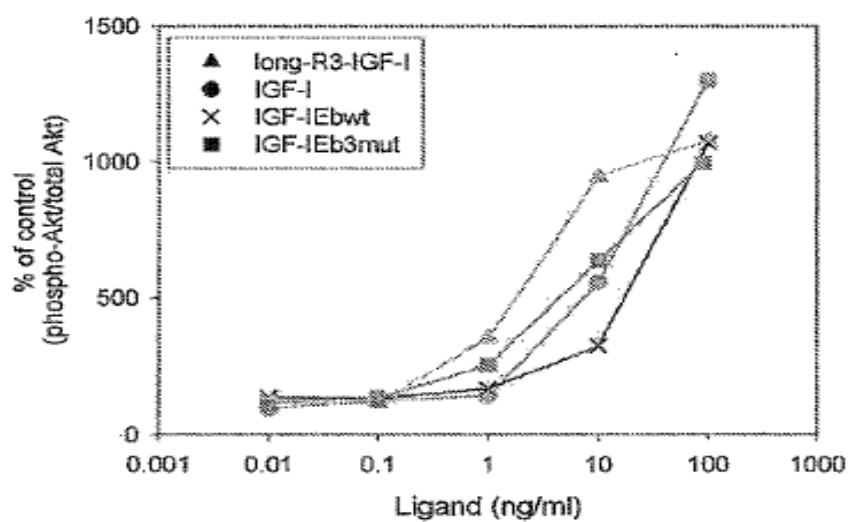


Fig. 2B



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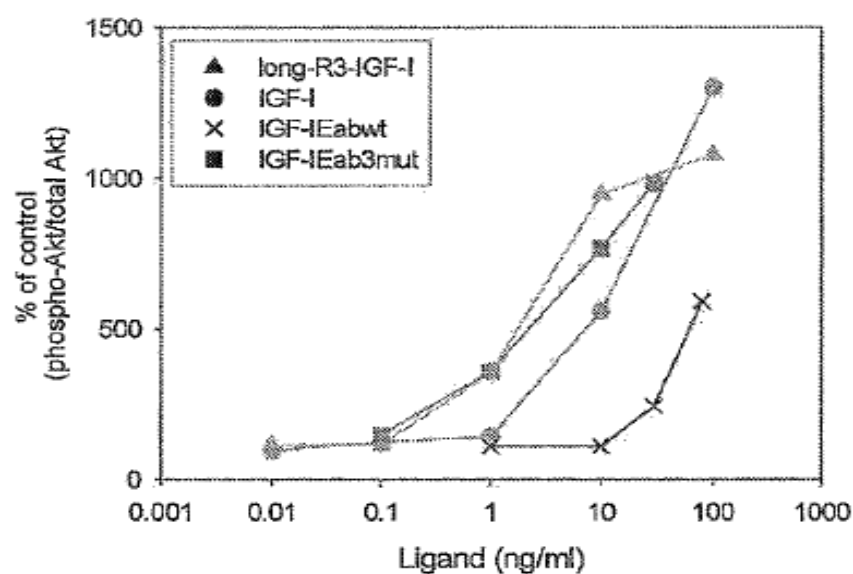
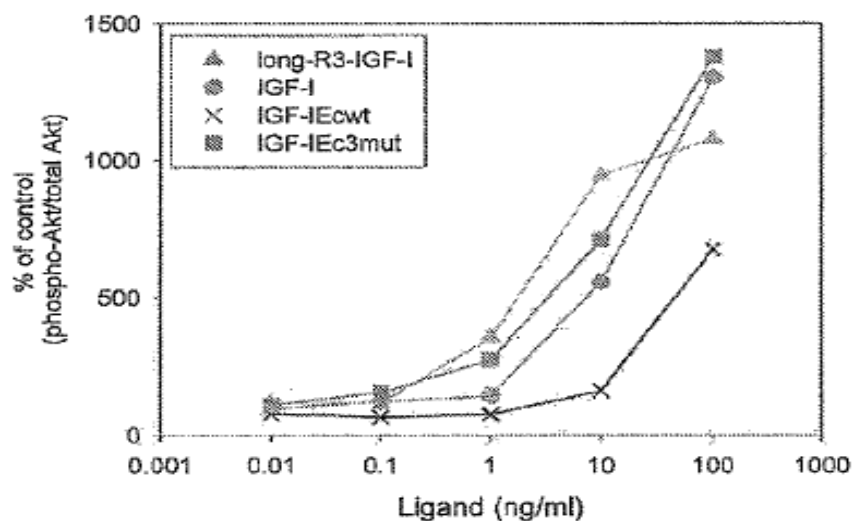


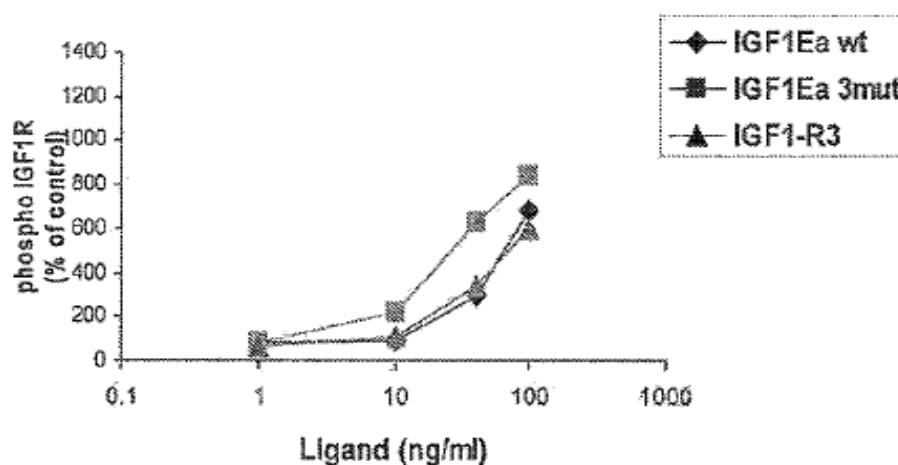
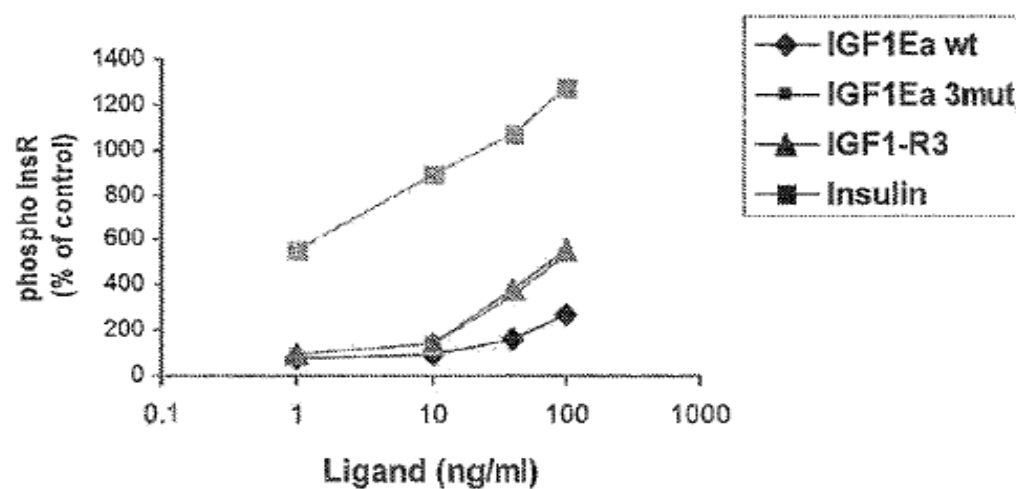
Fig. 2D



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Fig. 3A

PCT/US2007/070468

**Fig. 3B**

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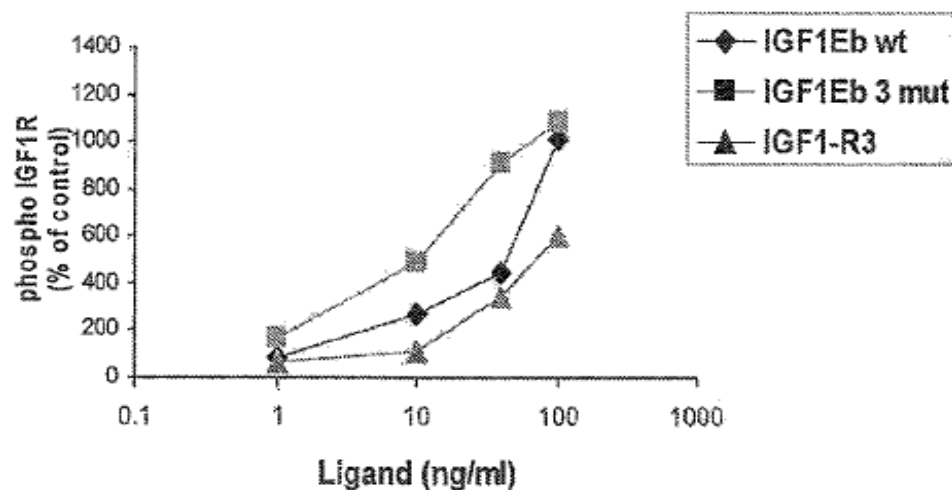
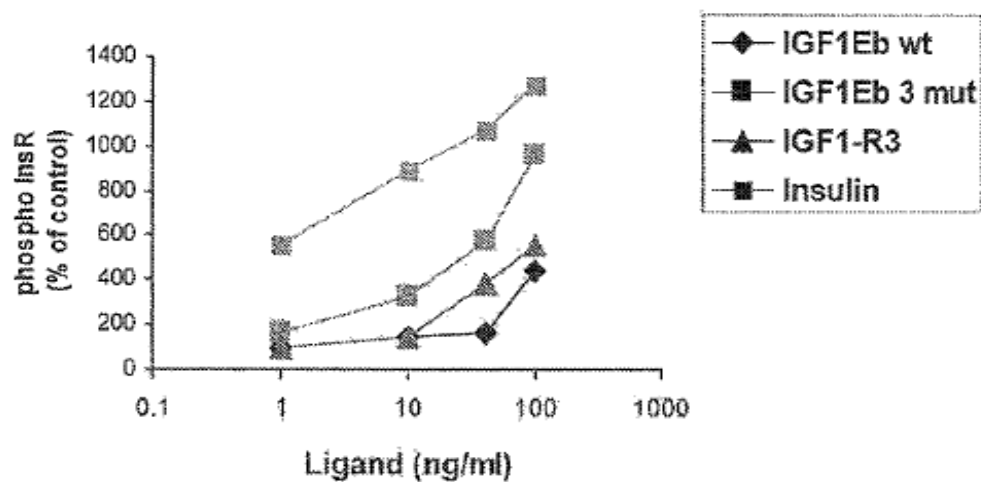
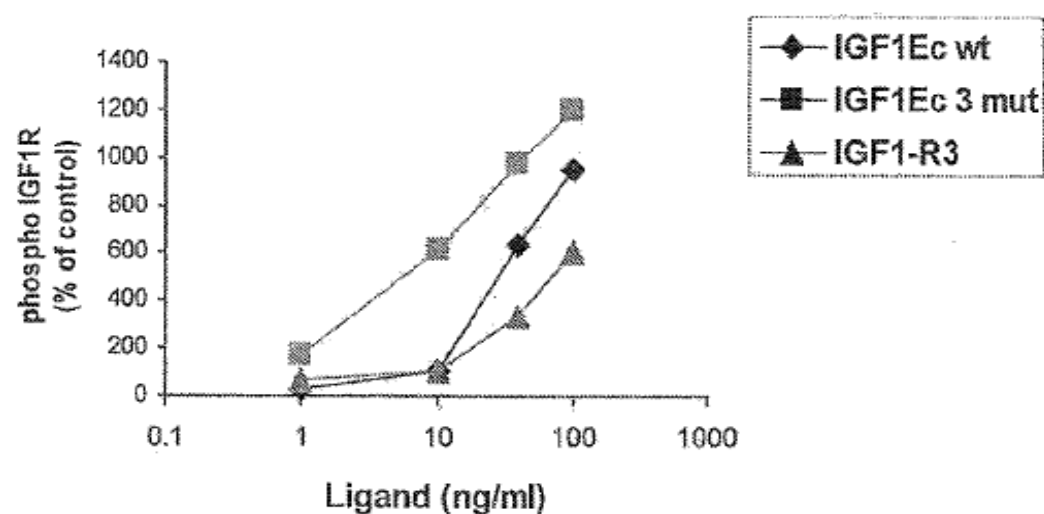
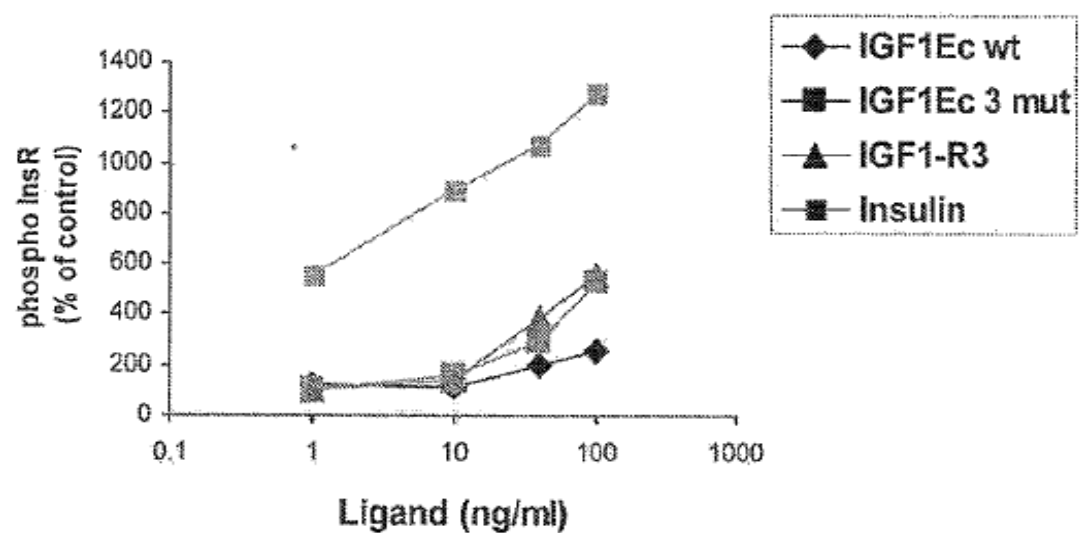
Fig. 3C**Fig. 3D****5/22**

Fig. 4A**Fig. 4B****6/22**

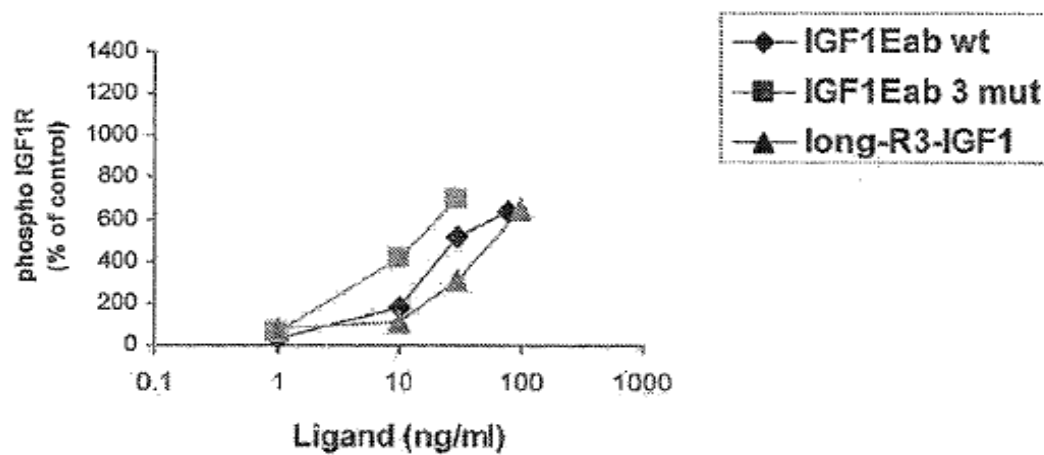
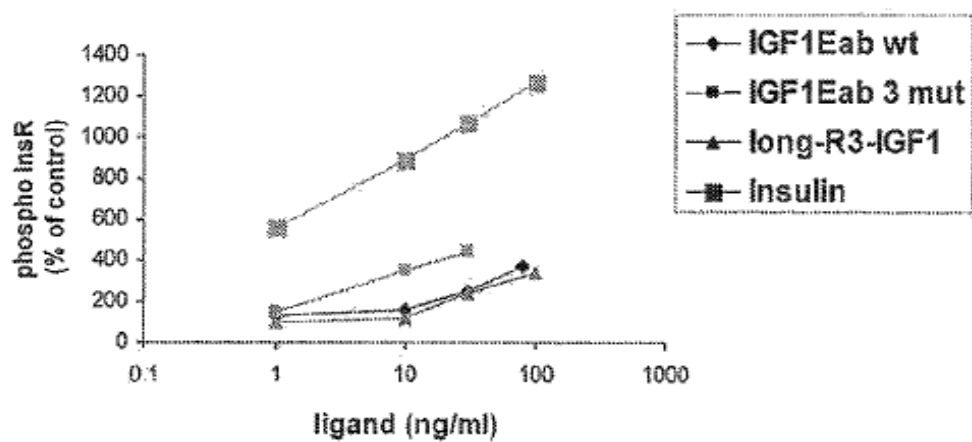


Fig. 4D



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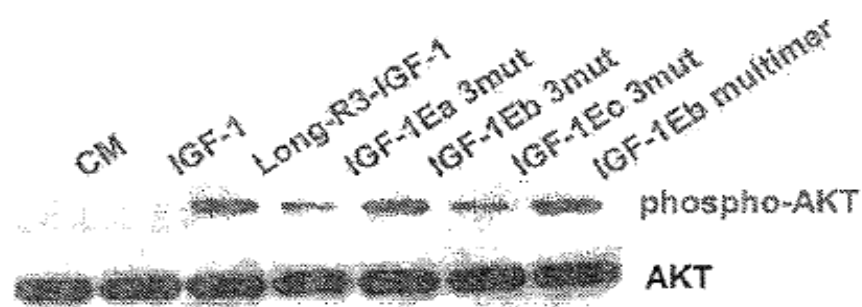


Fig. 6A

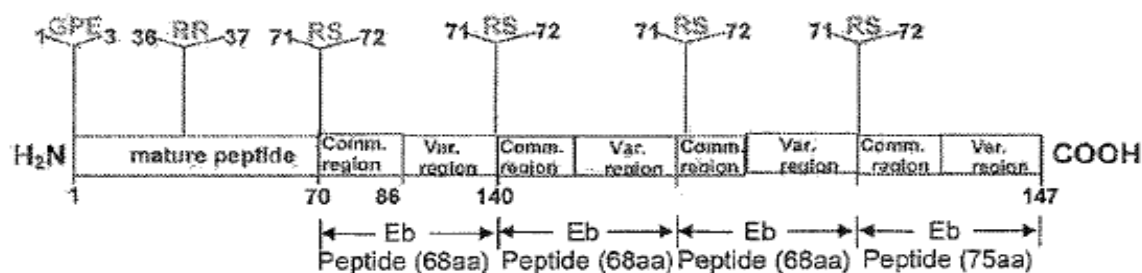
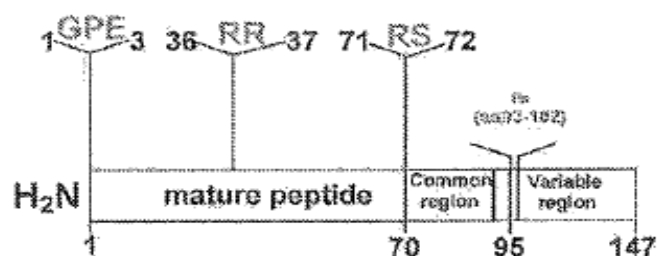
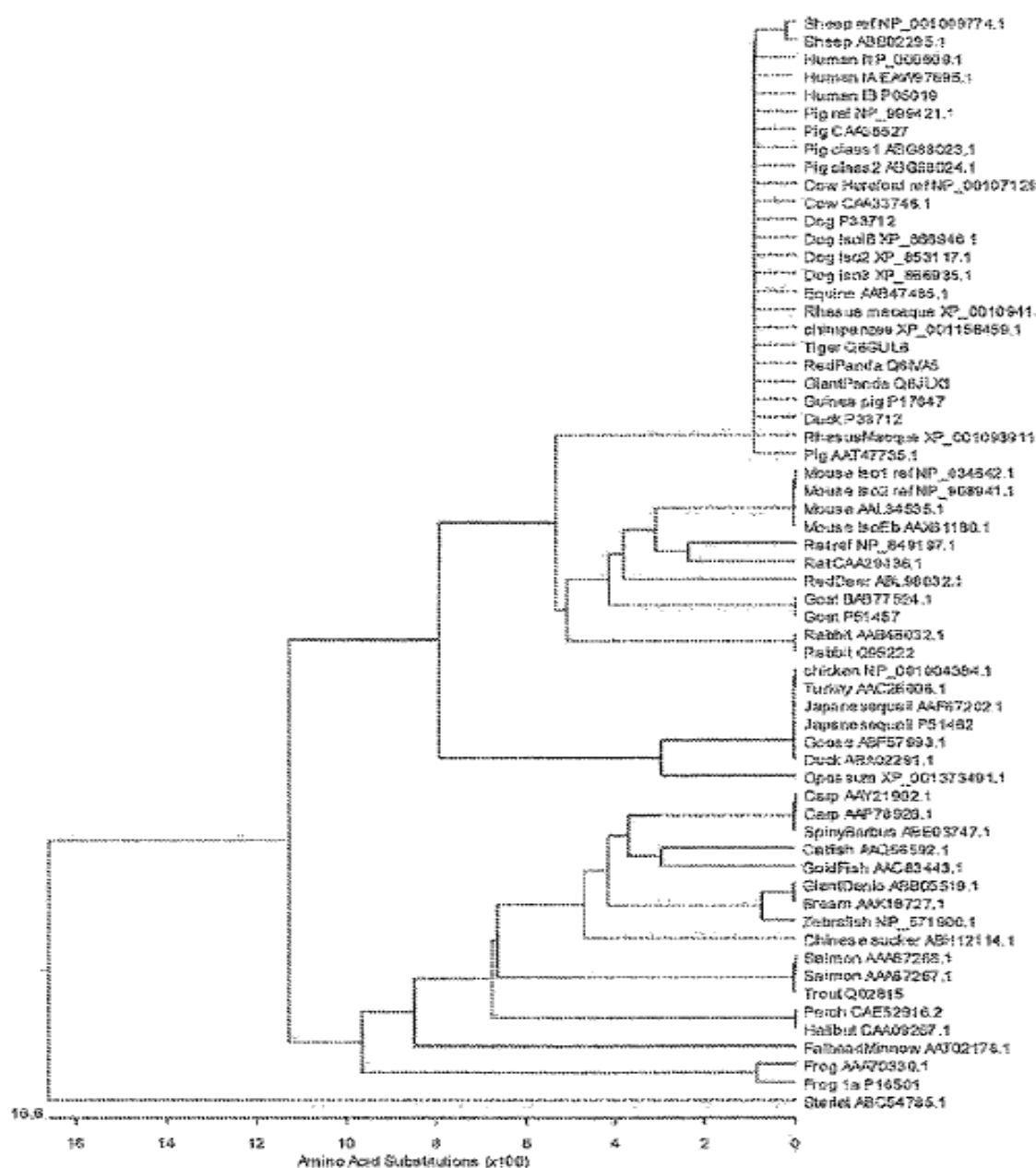


Fig. 6B



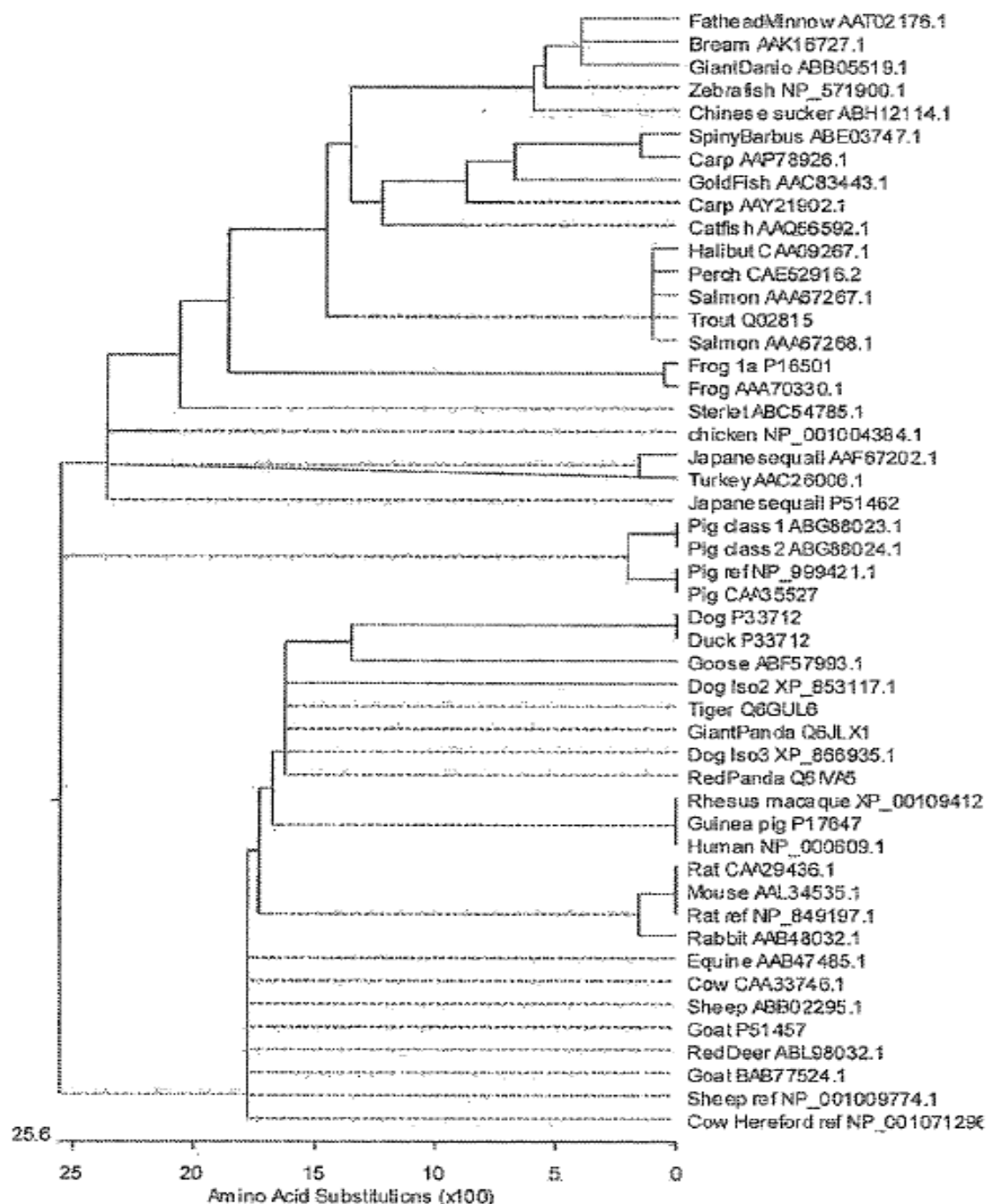
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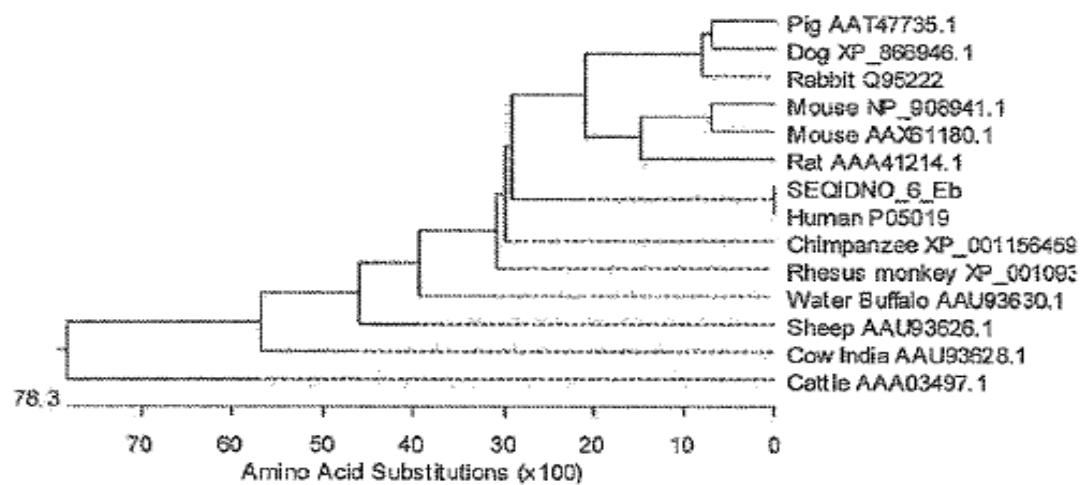


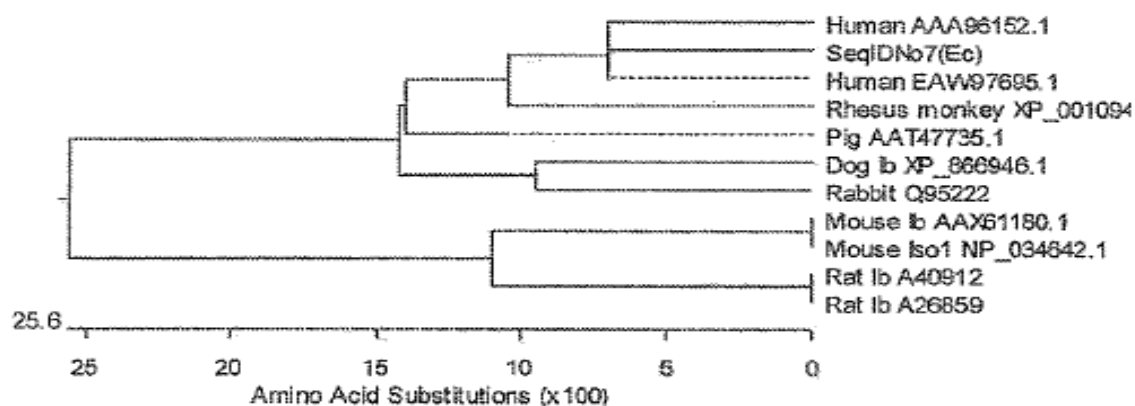
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Majority	Seq. ID No		
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Pig CA83527	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	109	
Pig class1 AB088023.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	110	
Pig class2 AB088024.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	110	
Cow Hereford ref NP_001071296.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Cow CA83746.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Sheep ref NP_001009774.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Sheep AB022295.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Goat AB077544.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Goat F51457	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Dog B33712	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	112	
Dog Iso2 XP_053117.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	113	
Dog Iso3 XP_066939.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	113	
Equine AB07085.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	113	
Rhinus macaque XP_001094129.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	2	
Tiger Q60UL6	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	113	
Red Panda Q6VMS	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	113	
Giant Panda Q6JLK1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	113	
PedBear AB190032.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	111	
Rabbit AB046092.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	114	
Guinea pig P17667	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	2	
Rat ref NP_049137.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	115	
Rat CA829436.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	115	
Mouse AAL34535.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	115	
chicken NP_001004384.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	116	
Turkey ABC26006.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	117	
Japanesequail AB057202.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	116	
Japanesequail F51462	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	116	
Goose AB057993.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	118	
Duck B33712	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	112	
Salmon AAL07266.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	119	
Salmon AAL67267.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	119	
Starlet ABC54785.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	120	
Perch CAB52916.2	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	121	
Trout Q02815	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	119	
Bahibah CA89267.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	120	
Catfish AAQ55592.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	123	
Carp AAY21902.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	124	
Carp AAY78926.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	125	
GiantDanio AB05519.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	126	
Zebrafish NP_571300.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	127	
Chinese sucker AB012114.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	128	
SpinyBarbus AB03747.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	129	
FatheadMinnow AB02176.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	130	
Goldfish AAC83463.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	131	
Frog AAT79730.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	132	
Brown AAT16727.1	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	133	
Frog Ia B16501	RSVPAQRHTDMFKQKEVHLKNTSAGSAGNKTYRM	134	

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Majority	Seq. ID No.	
	148	150
Human XP_005422.2	ALPTQDPA-HQASPRKSSSHK--	156
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Dig NP_000449.1	ALPTQDPA-HQASPRKSSSHK--	158
Cattle NP_075312.2	ALPTQDPA-HQASPRKSSSHK--	159
Sheep NP_00100311.1	ALPTQDPA-HQASPRKSSSHK--	160
Dog Xdog NP_560785.2	ALPTQDPA-HQASPRKSSSHK--	161
Dog Xdog NP_081139.1	ALPTQDPA-HQASPRKSSSHK--	162
Dog Xdog NP_062200.1	ALPTQDPA-HQASPRKSSSHK--	163
HoGangJieFen1 NP_021046.0	ALPTQDPA-HQASPRKSSSHK--	164
Rat NP_113699.1	ALPTQDPA-HQASPRKSSSHK--	165
Mouse NP_034644.1	ALPTQDPA-HQASPRKSSSHK--	166
Chimpanzee NP_001151449.1	ALPTQDPA-HQASPRKSSSHK--	167
Zebrafish 1001 NP_001326062.1	ALPTQDPA-HQASPRKSSSHK--	168
Zebrafish 1002a NP_001001515.1	ALPTQDPA-HQASPRKSSSHK--	169
Zebrafish 1002b NP_001001515.1	ALPTQDPA-HQASPRKSSSHK--	170

