

Fig. 1

CLUSTAL O(1.2.4) multiple sequence alignment

FGF2_Variant_3	-ALPEDGGSGAFPPGHFKDPKLLV-DDGGFFLRIP-DGRVDGV-REKSDPHIKLQLQAE	56
FGF2_Variant_4	-ALPEDGGSGAFPPGHFKDPKLLV-DDGGFFLRIP-DGRVDGV-REKSDPHIKLQLQAE	56
FGF2_Variant_1	AEIPEDGGSGAFPPGHFKDPKRLYGKNGGFFLRIP-DGRVEDAGVRESDPHIKQLQAE	59
FGF2_Variant_2	-ALPEDGGSGAFPPGHFKDPKLLVGKNGGFFLRIP-DGRVEDAGVRESDPHIKQLQAE	55
FGF2_Variant_7	AEPEADGGAGAQPPGPD-----DGAEGGFFLRIPDGRVEVDGVRSDPHIKLQLQAE	54
FGF2_Variant_9	AEPEADGGAGAQPPGPD-----DGAEGGFFLRIPDGRVEVDGVRSDPHIKLQLQAE	53

FGF2_Variant_3	ERGWLKGVLANRYLAMKEDGRLLYASKLPEEECFFERLEENHNTYSD--KYP--D	112
FGF2_Variant_4	ERGWLKGVLANRYLAMKEDGRLLYASKLPEEECFFERLEENHNTYSD--KYP--D	111
FGF2_Variant_1	ERGWLKGVLANRYLAMKEDGRLL-ALKLPEEECLFL-ERLEENHNTYRSD-KYP--D	114
FGF2_Variant_2	ERGWLKGVLANRYLAMKEDGRLL-ALKLPEEECFFERLEENHNTYRSD-KYP--D	111
FGF2_Variant_7	ERGWSIKGVL--KYLAMKEDGRLLYELALPEEECL---ERLEENHNTYISDKKYPDPD	109
FGF2_Variant_9	RGGWITIKGVP-DIYLAMKEDGRLLYELALPEEECL---ERLEENHNTY-SDKKYPDPD	108

FGF2_Variant_3	WYVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	145
FGF2_Variant_4	WYVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	144
FGF2_Variant_1	WYVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	147
FGF2_Variant_2	WYVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	144
FGF2_Variant_7	WYVALKIK-GQYELT-PKTG--PGQKAILFLPMSAKS	142
FGF2_Variant_9	WYVALKIKTGQYELTGPKTGPDPGQKAILFLPMSAKS	145

Fig. 2

CLUSTAL O(1.2.4) multiple sequence alignment

FGF2_Variant_1	AEIPEDGGSGAFPPGHFKDPKRLYGKNGGFFLRIE-PDGRVEDAGVRESDPHIKQLQAE	59
FGF2_Variant_2	-ALPEDGGSGAFPPGHFKDPKLLVGKNGGFFLRIE-DG---KVDGVRESDPHIKQLQAE	55
FGF2_Wildtype_Bovine	-ALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRH-PDGRVDGV-REKSDPHIKQLQAE	
FGF2_Variant_3	-ALPEDGGSGAFPPGHFKDPK-LVDDGGFFLRIE-PDGRVDGV-REKSDPHIKQLQAE	56
FGF2_Variant_4	-ALPEDGGSGAFPPGHFKDPK-LVDDGGFFLRIE-PDGRVDGV-REKSDPHIKQLQAE	56
FGF2_Variant_7	AEPEADGGAGAPPPGPD-----DGAEGGFFLRIEPPDGRVEVDGVRESDPHIKQLQAE	54
FGF2_Variant_9	AEPEADGGAGAPPPGPD-----DGAE-GFFLRIEPPDGRVEVDGVRESDPDKLQLQAE	53
	. * ***** .**.	
FGF2_Variant_1	ERGWLKIGVLANRYLAMKEDGRLLA-LKLP EEGCLFLEREEENHYNTYRSD-KYP--DW	115
FGF2_Variant_2	ERGWLKIGVLANRYLAMKEDGRLLA-LKLP EEGCFFERLEEENHYNTYRSDKKYP--DW	112
FGF2_Wildtype_Bovine	ERGWSIKGVCANRYLAMKEDGRLLA-SKCVTDECFERLEENHYNTYRSR-KYS--SW	
FGF2_Variant_3	ERGWLKIGVLANRYLAMKEDGRLLYASKLPEEECFFERLEEENHYNTYSD-KYP--DW	113
FGF2_Variant_4	ERGWLKIGVLANRYLAMKEDGRLLYASKLPEEECFFERLEEENHYNTYSD-KYP--DW	112
FGF2_Variant_7	ERGWSIKGV--KYLAMKEDGRLLYELALPEEECL--ERLEENHYNTYSDKKYPDPDW	110
FGF2_Variant_9	RGGWITIKGVP-DIYLAMKEDGRLLYELALPEEECL--ERLEENHYNTY-SDKKYPDPDW	109
	*****. .**.	
FGF2_Variant_1	YVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	147
FGF2_Variant_2	YVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	144
FGF2_Wildtype_Bovine	YVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	145
FGF2_Variant_3	YVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	145
FGF2_Variant_4	YVALKR-TGQYKL-GPKTG--PGQKAILFLPMSAKS	144
FGF2_Variant_7	YVALKIK-GQYELT-PKTG--PGQKAILFLPMSAKS	142
FGF2_Variant_9	YVALKIKTGQYELTGPKTGPPDGGQKAILFLPMSAKS	145
	***** .**.	

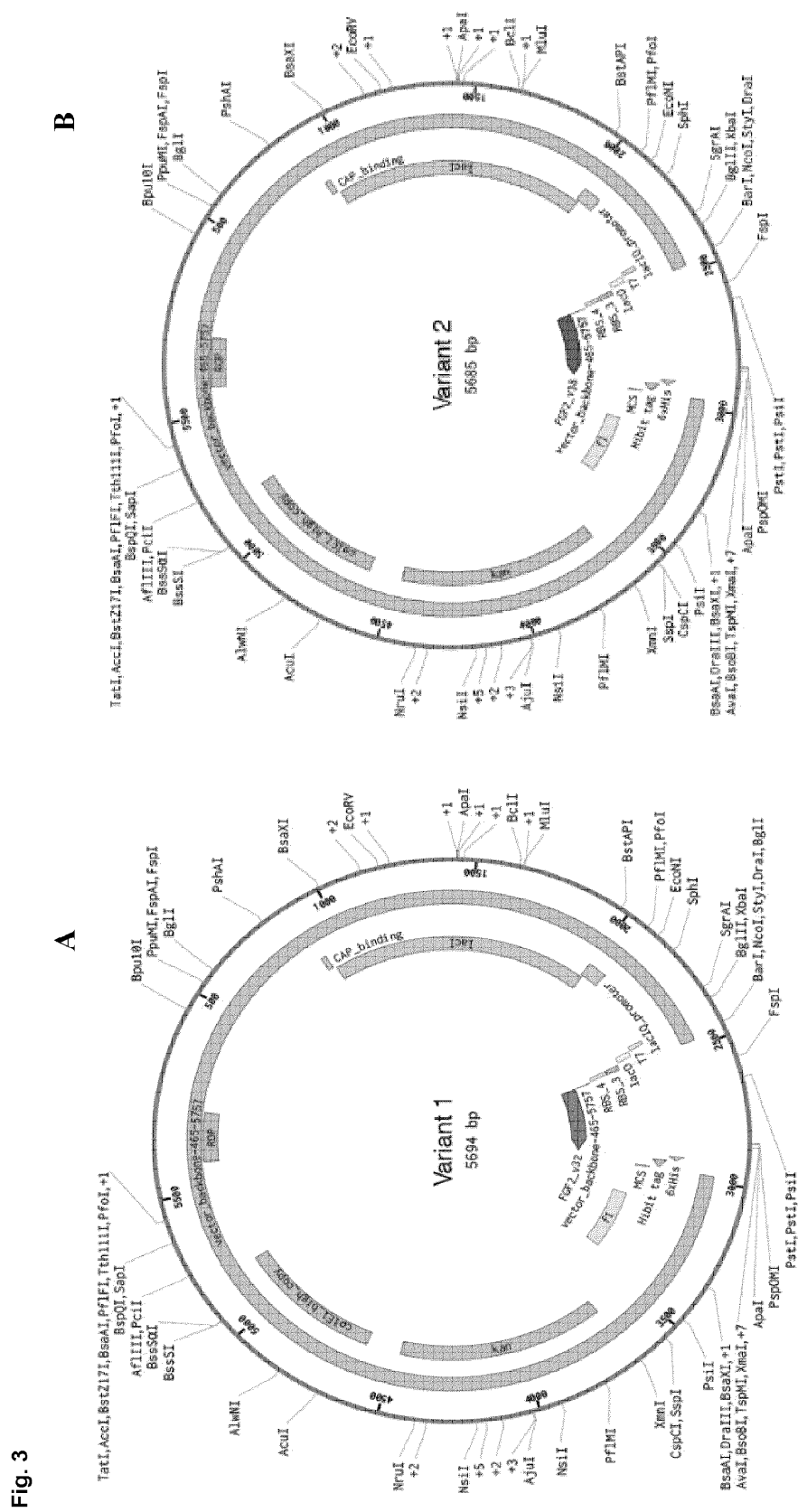


Fig. 3

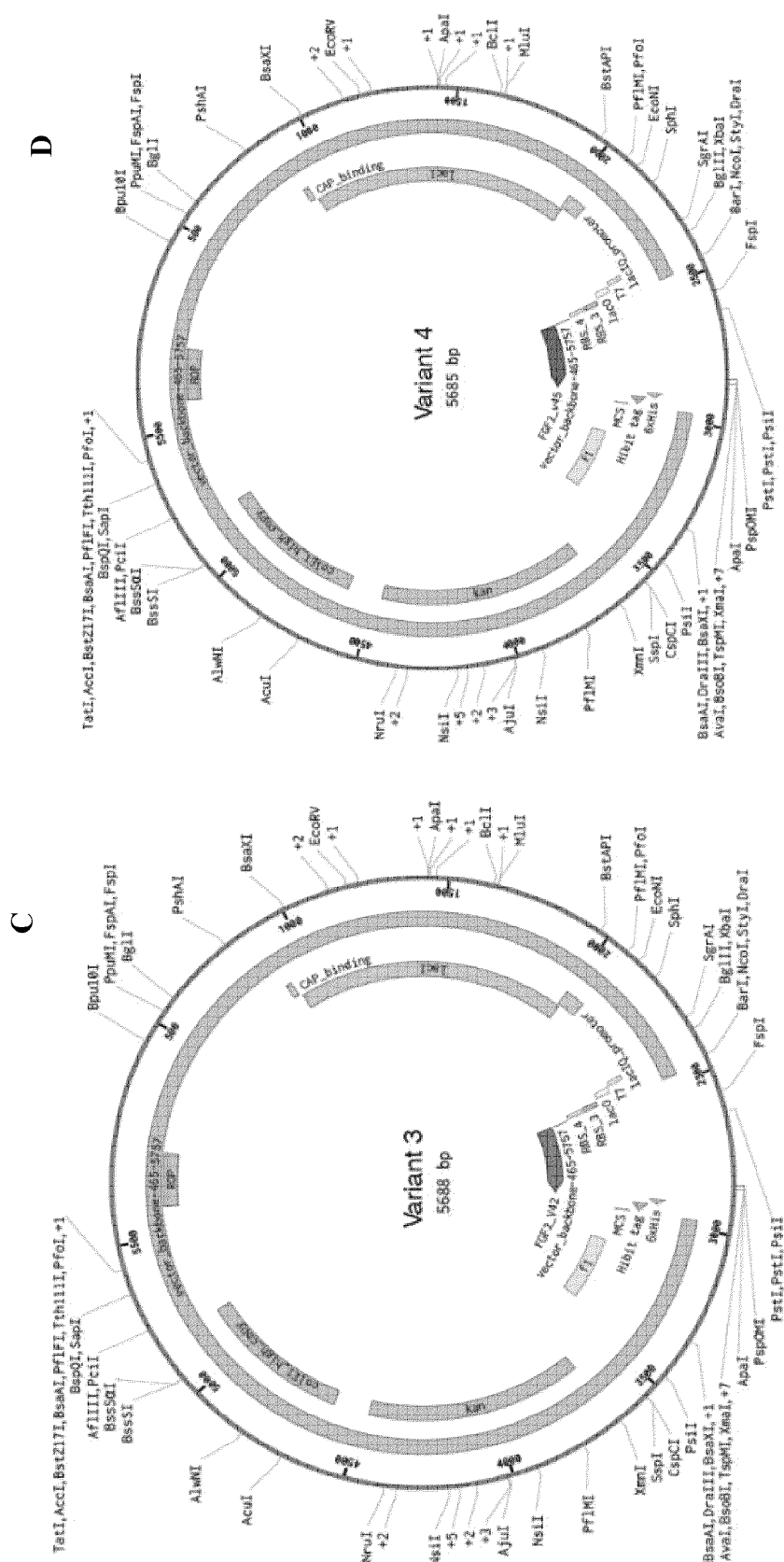


Fig 3.

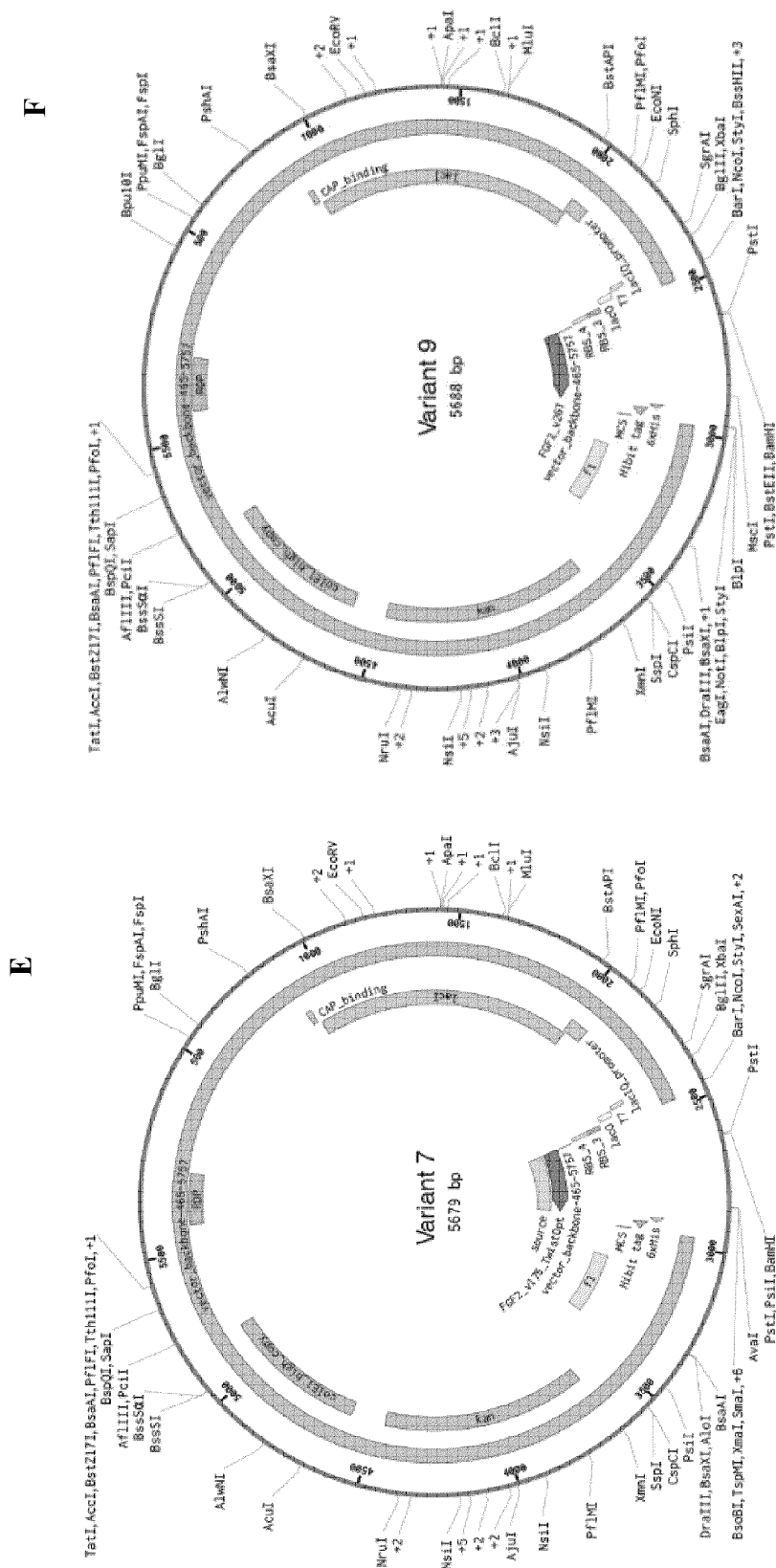


Fig. 4

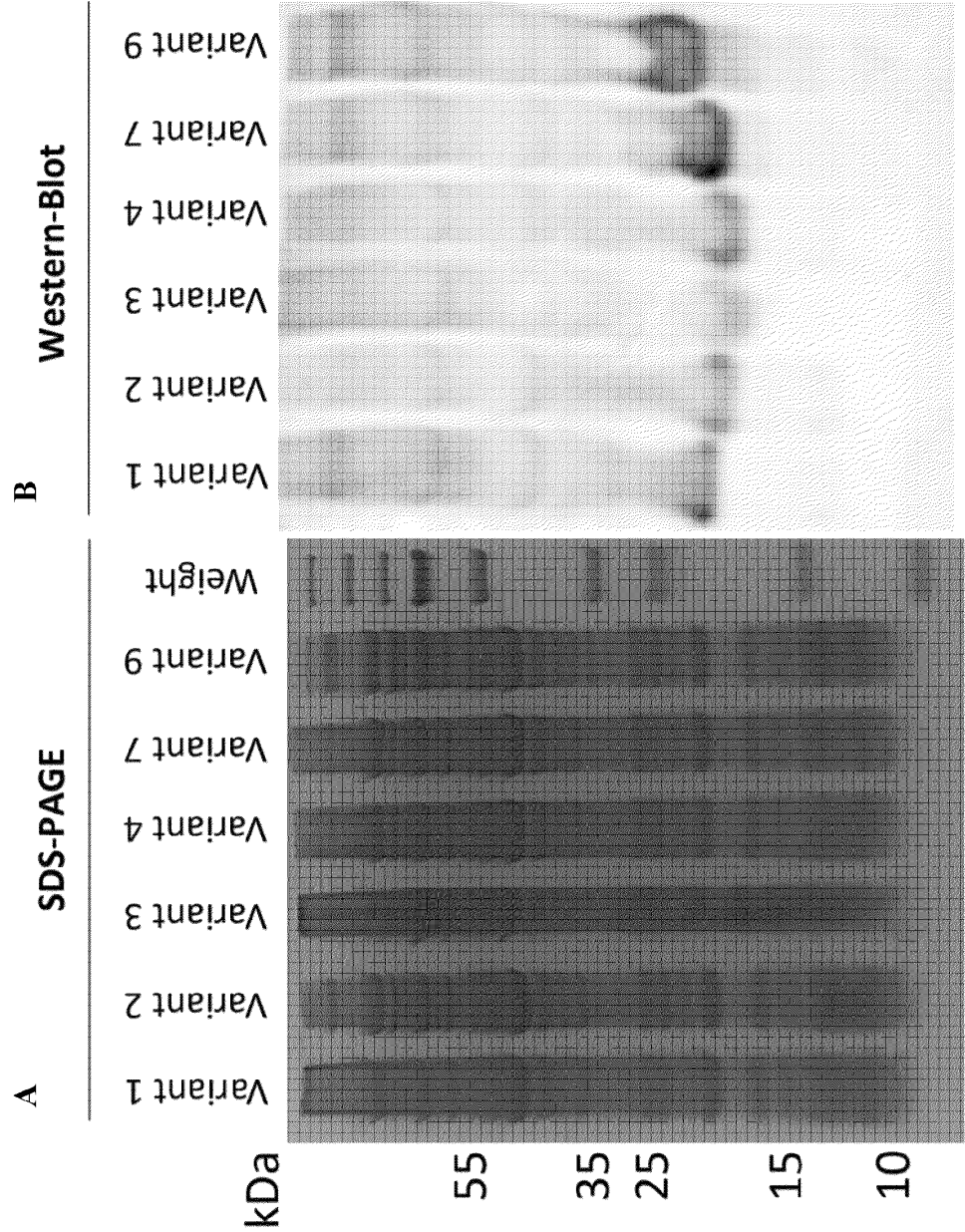
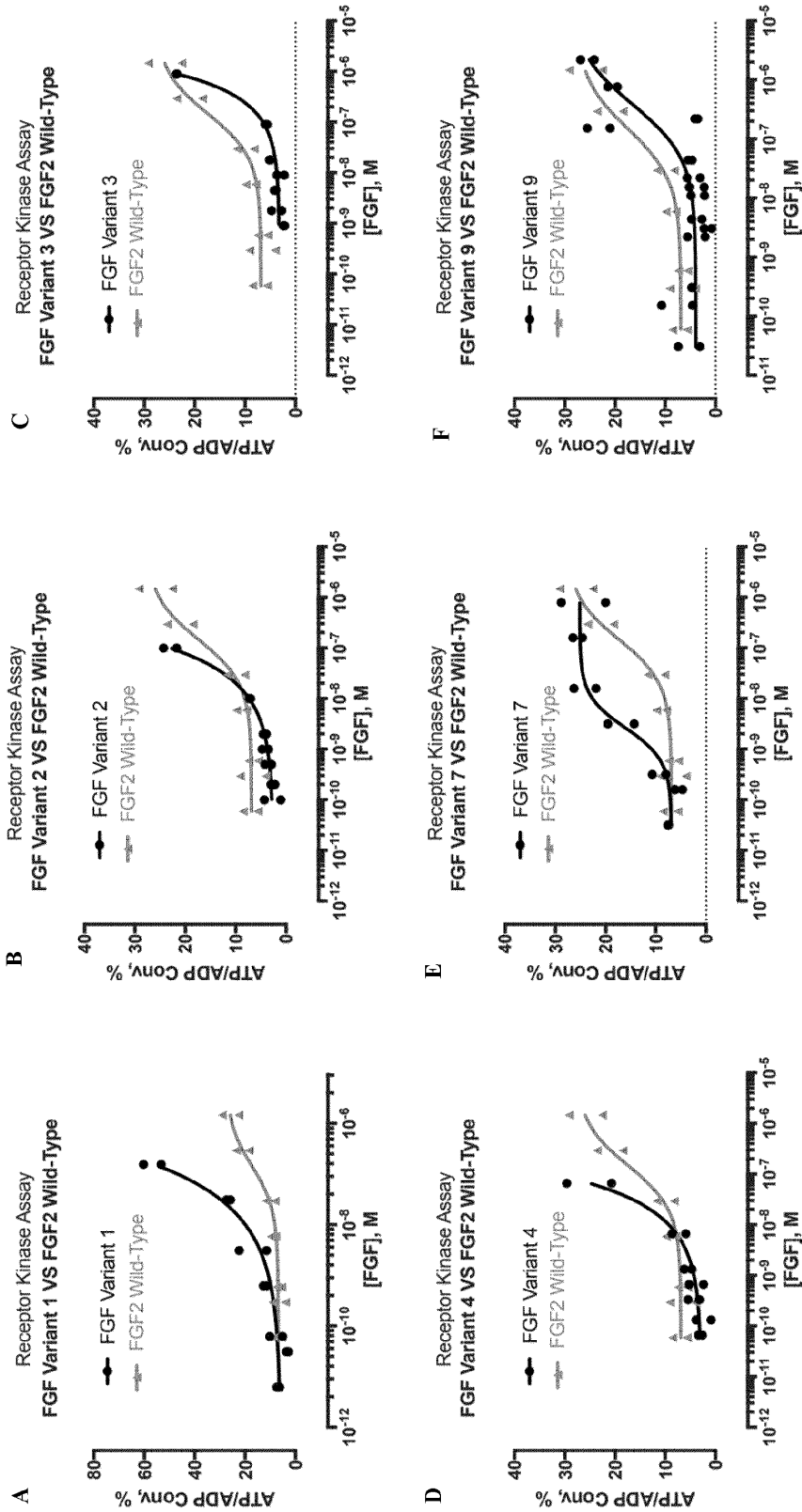


Fig. 5



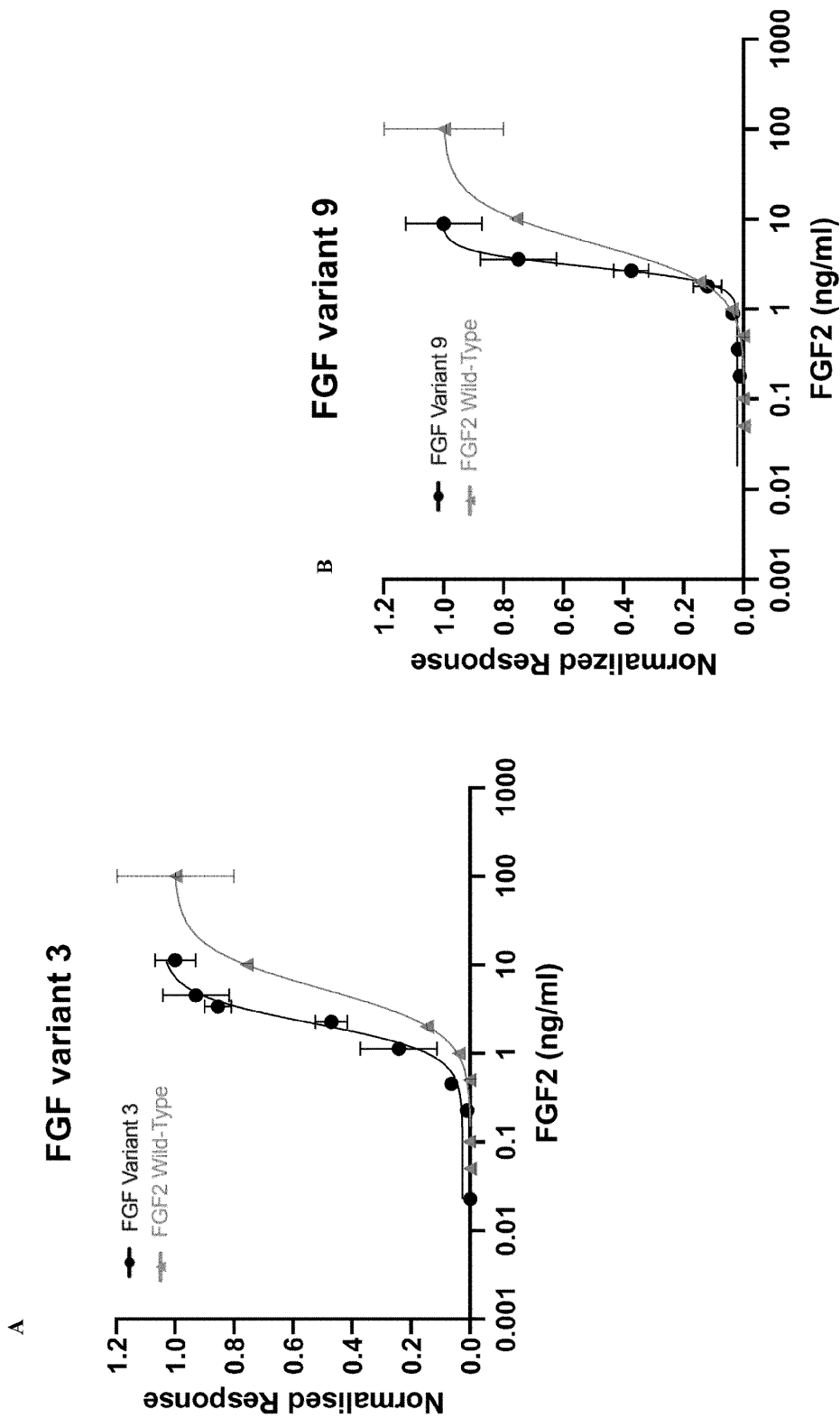


Fig. 6