

Antibody	Forte Bio Affinity (IgG KD Human IL-27 Monovalent Pseudo-avidity)	MSD Affinity
SRF405	2.32E-10	1.00E-10
SRF411	1.60E-09	4.30E-10
SRF410	1.90E-09	3.90E-10
SRF557	2.82E-10	NA
SRF536	4.61E-10	4.80E-11
SRF416	1.95E-10	1.30E-10
SRF543	2.12E-10	2.60E-11
SRF414	2.63E-10	5.20E-10
SRF382	5.94E-10	1.30E-12
SRF529	3.93E-10	5.90E-12
SRF381	3.02E-10	2.80E-12
SRF384	2.50E-09	7.50E-12
SRF386	4.05E-10	2.40E-12
SRF388	1.75E-09	3.40E-12
Ab7	NA	NA

FIG. 1

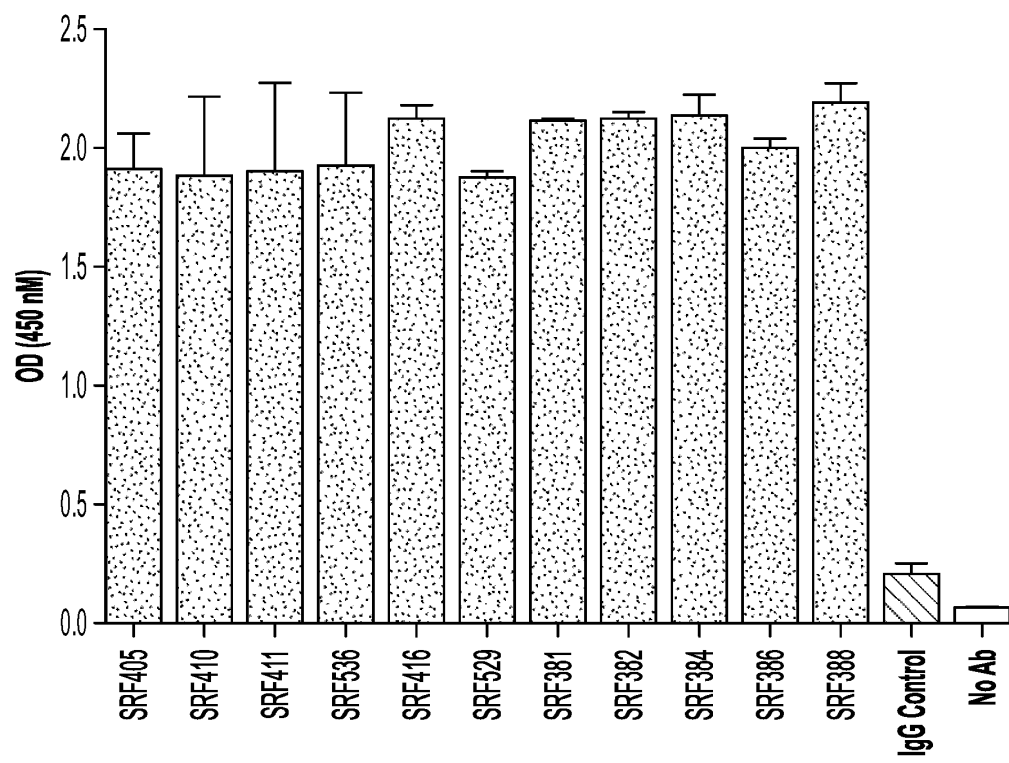


FIG. 2

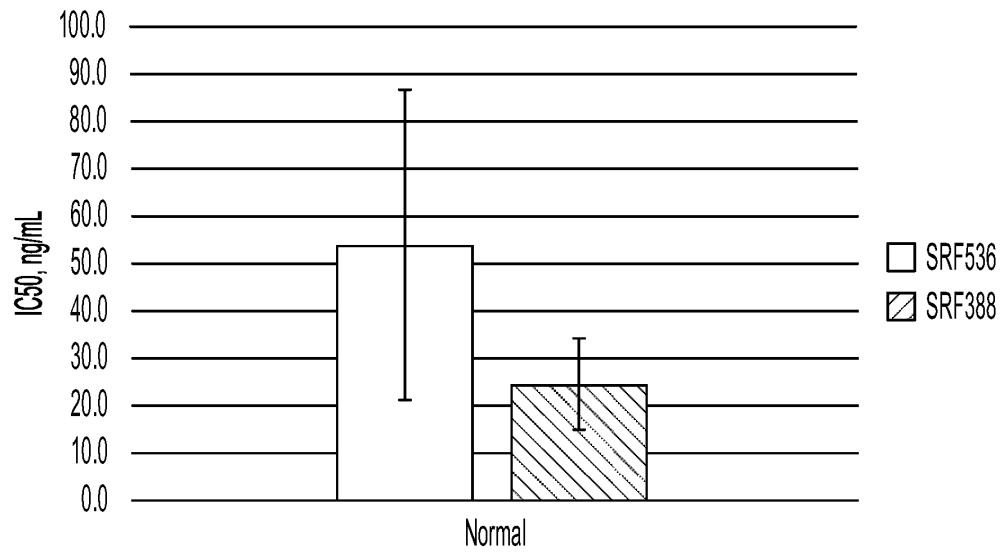


FIG. 3A

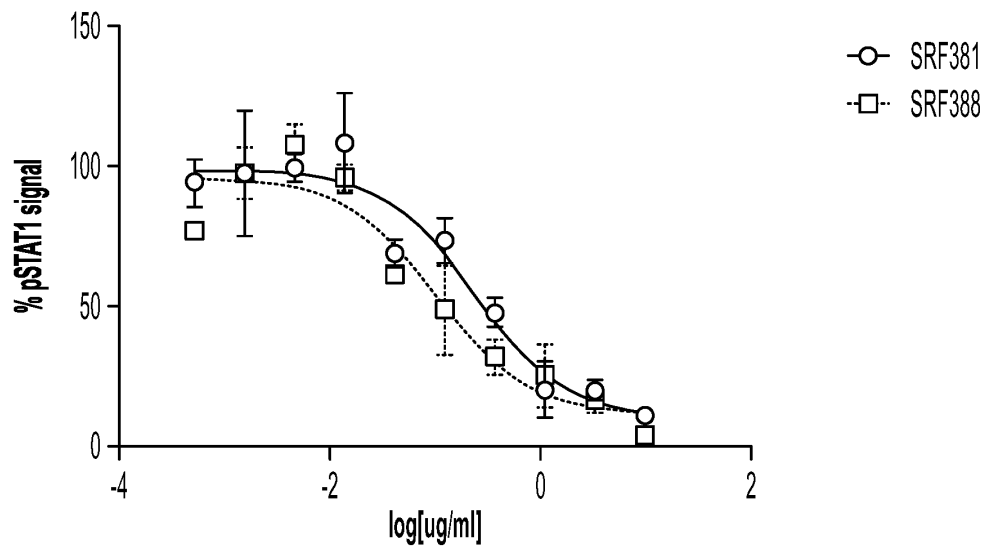


FIG. 3B

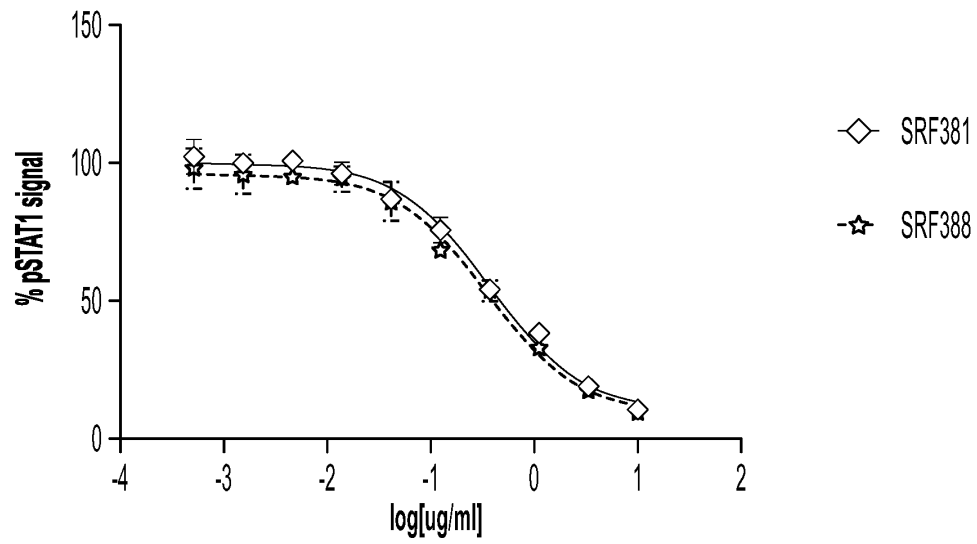


FIG. 3C

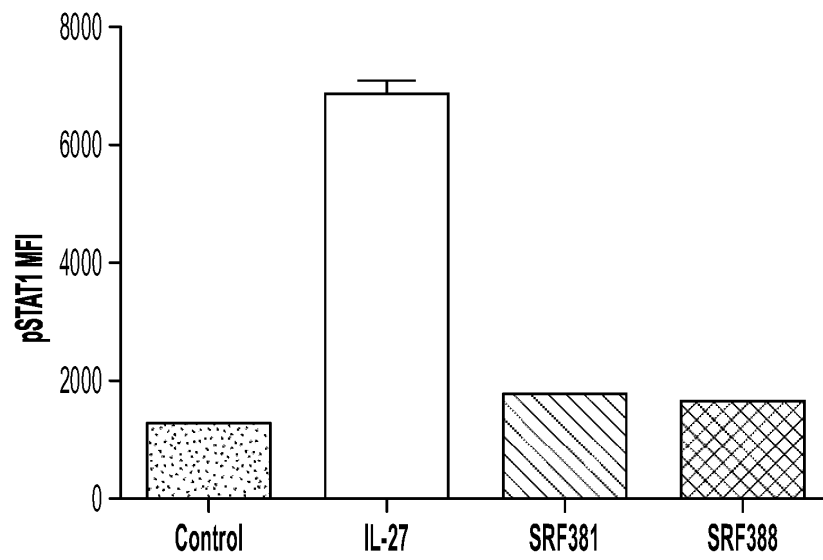


FIG. 3D

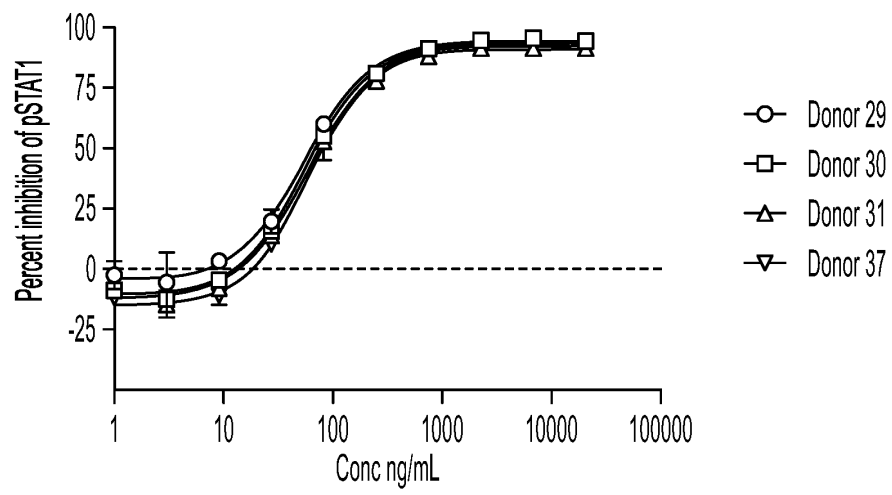


FIG. 3E

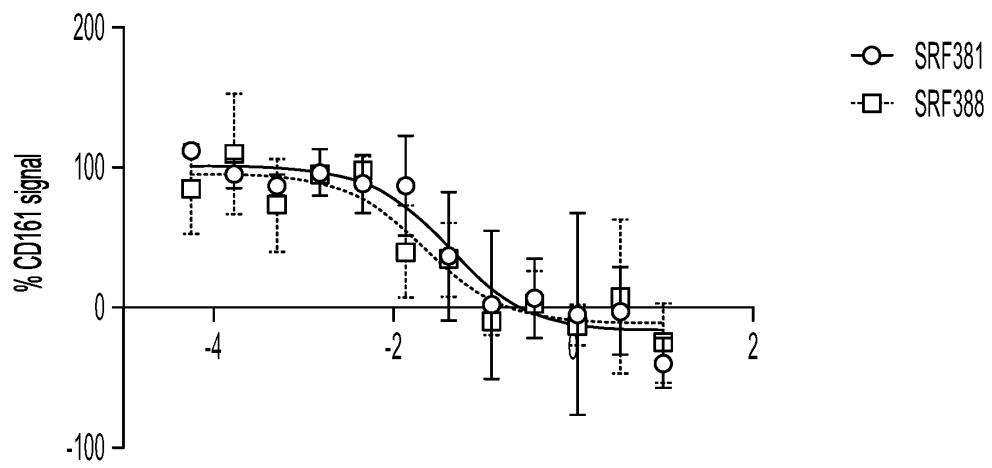


FIG. 4

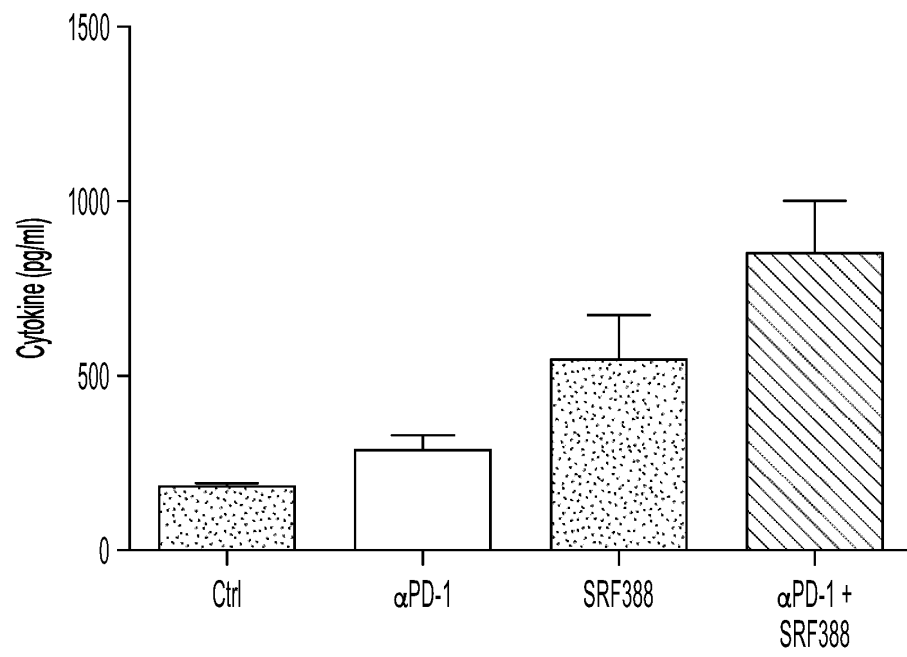


FIG. 5A

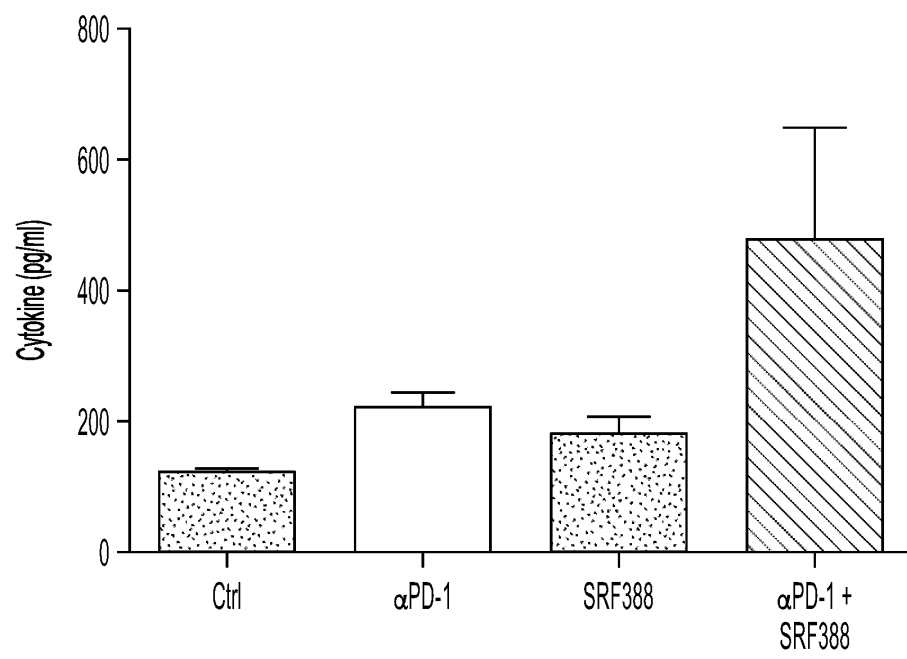


FIG. 5B

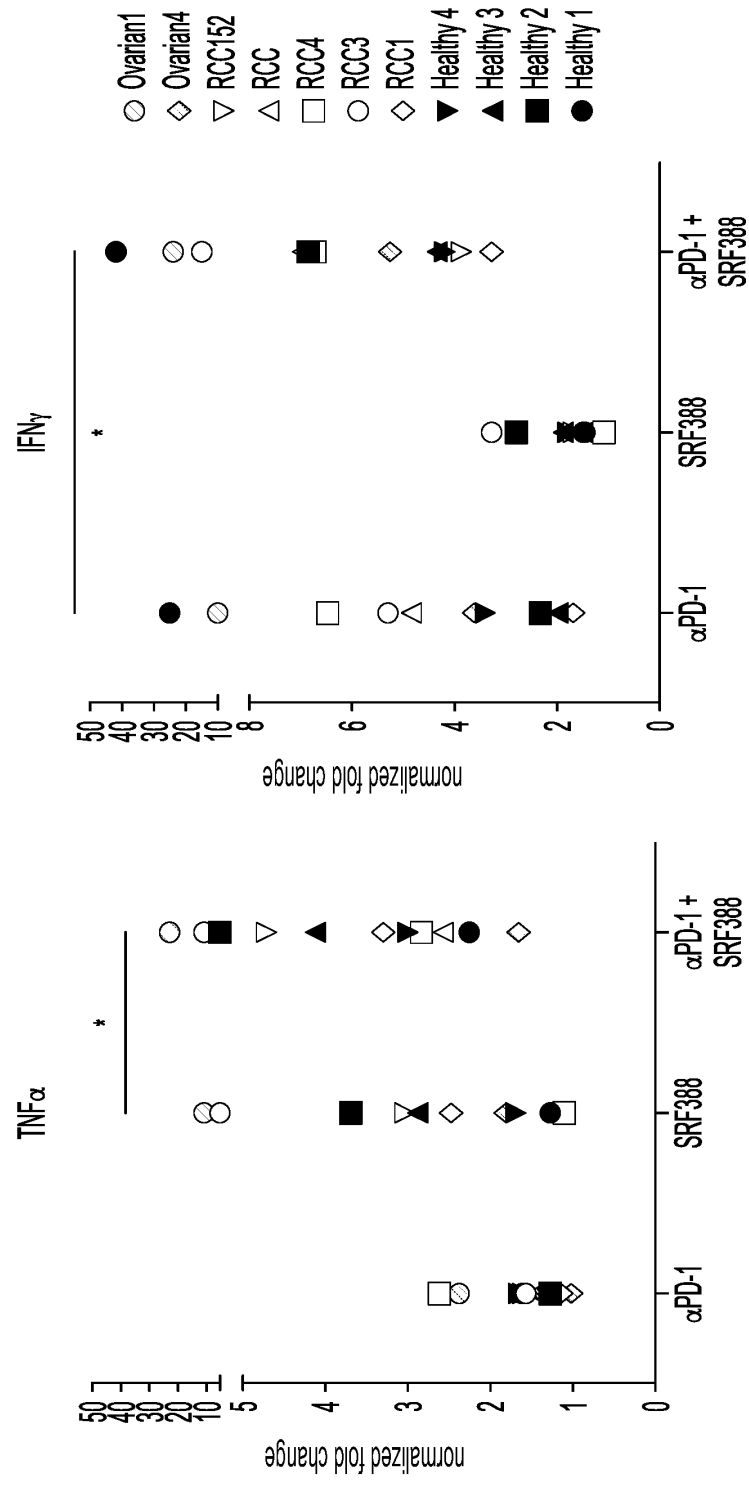


FIG. 5C

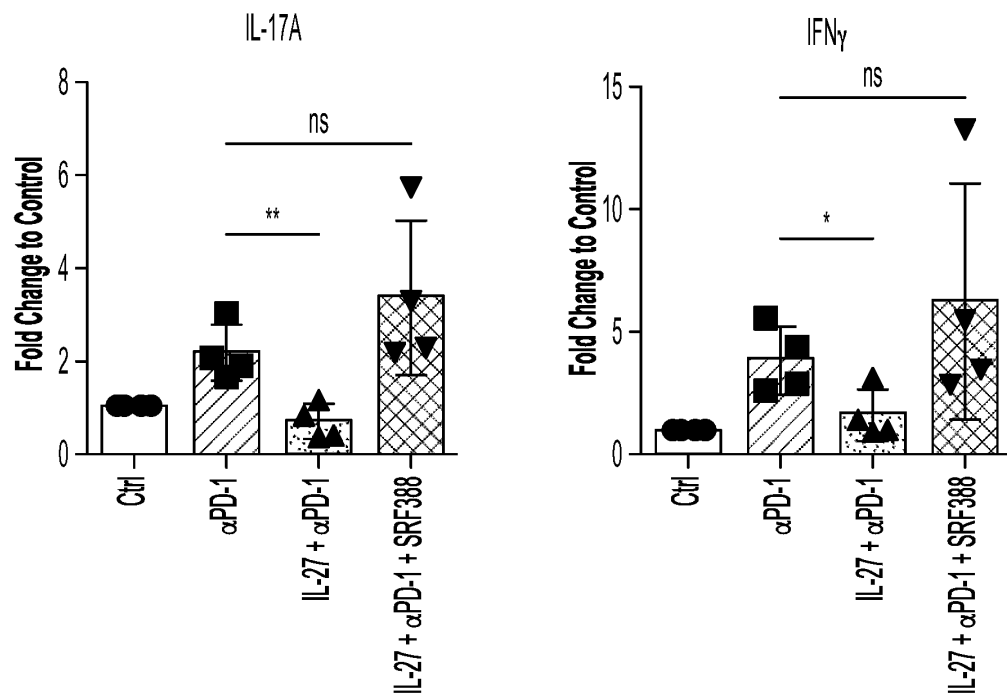


FIG. 5D

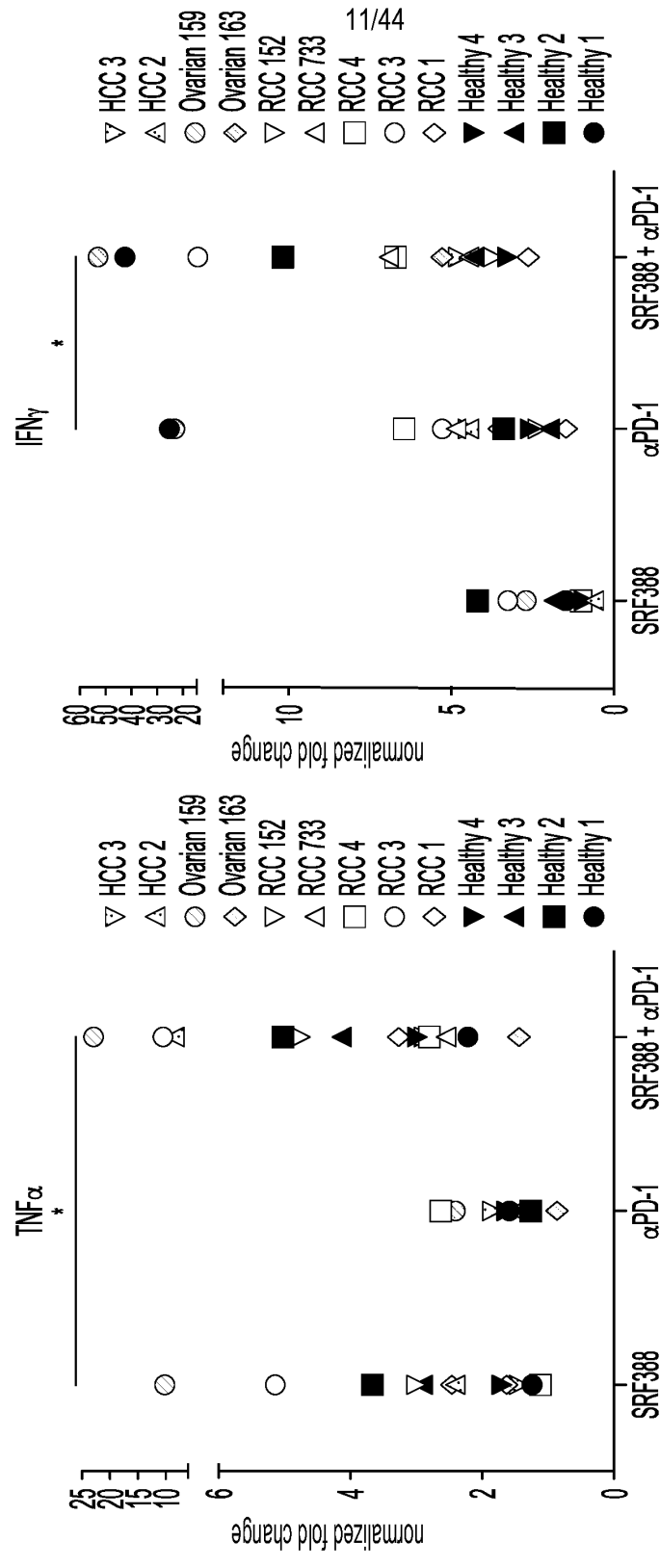


FIG. 5E

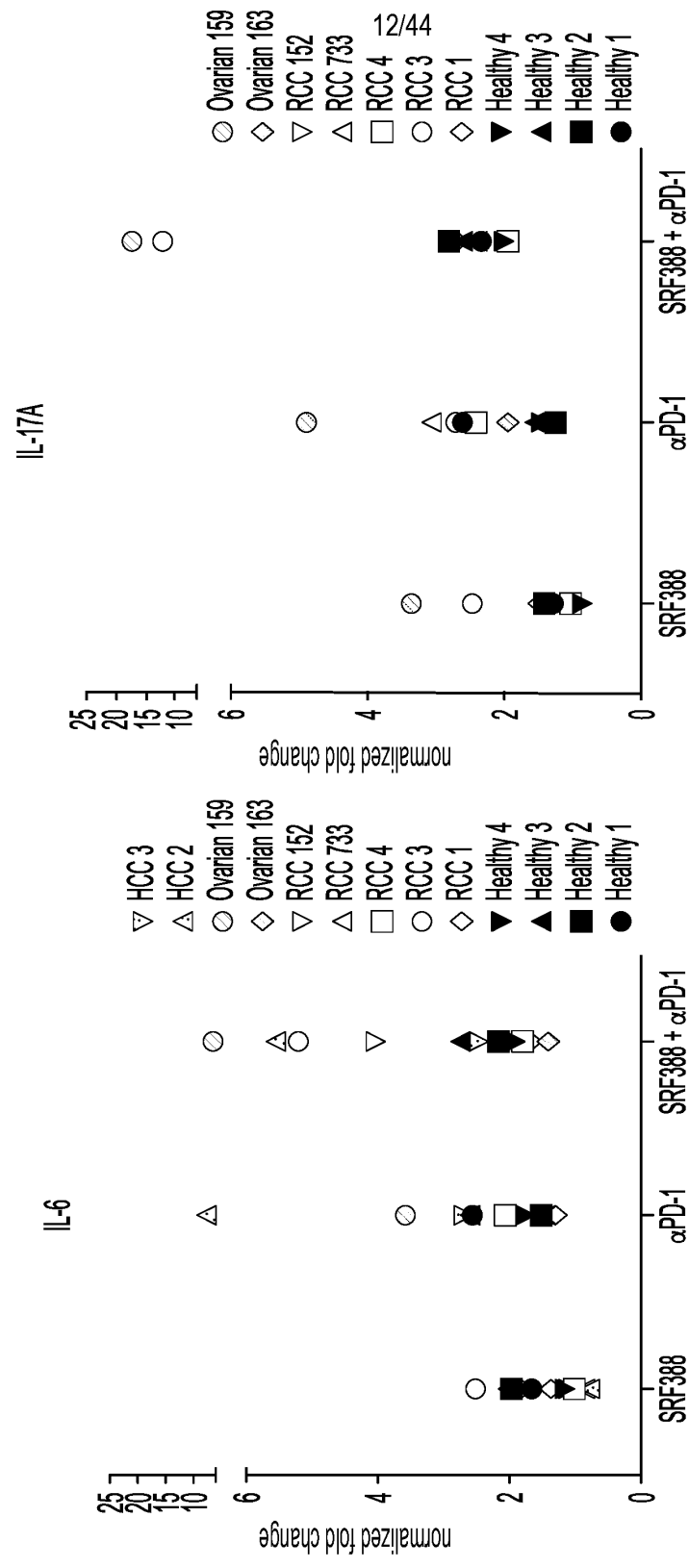


FIG. 5E
CONTINUED

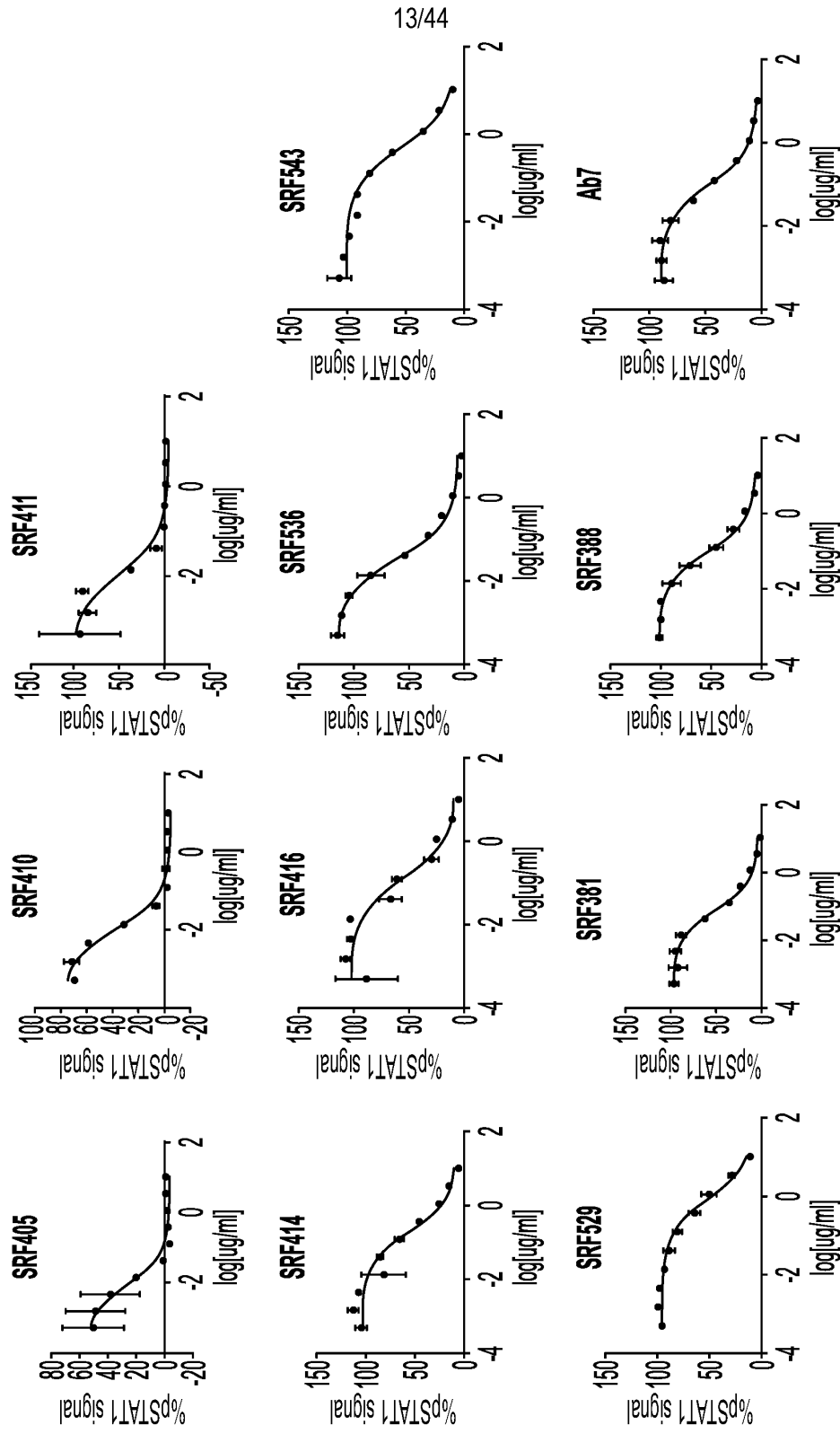


FIG. 5F

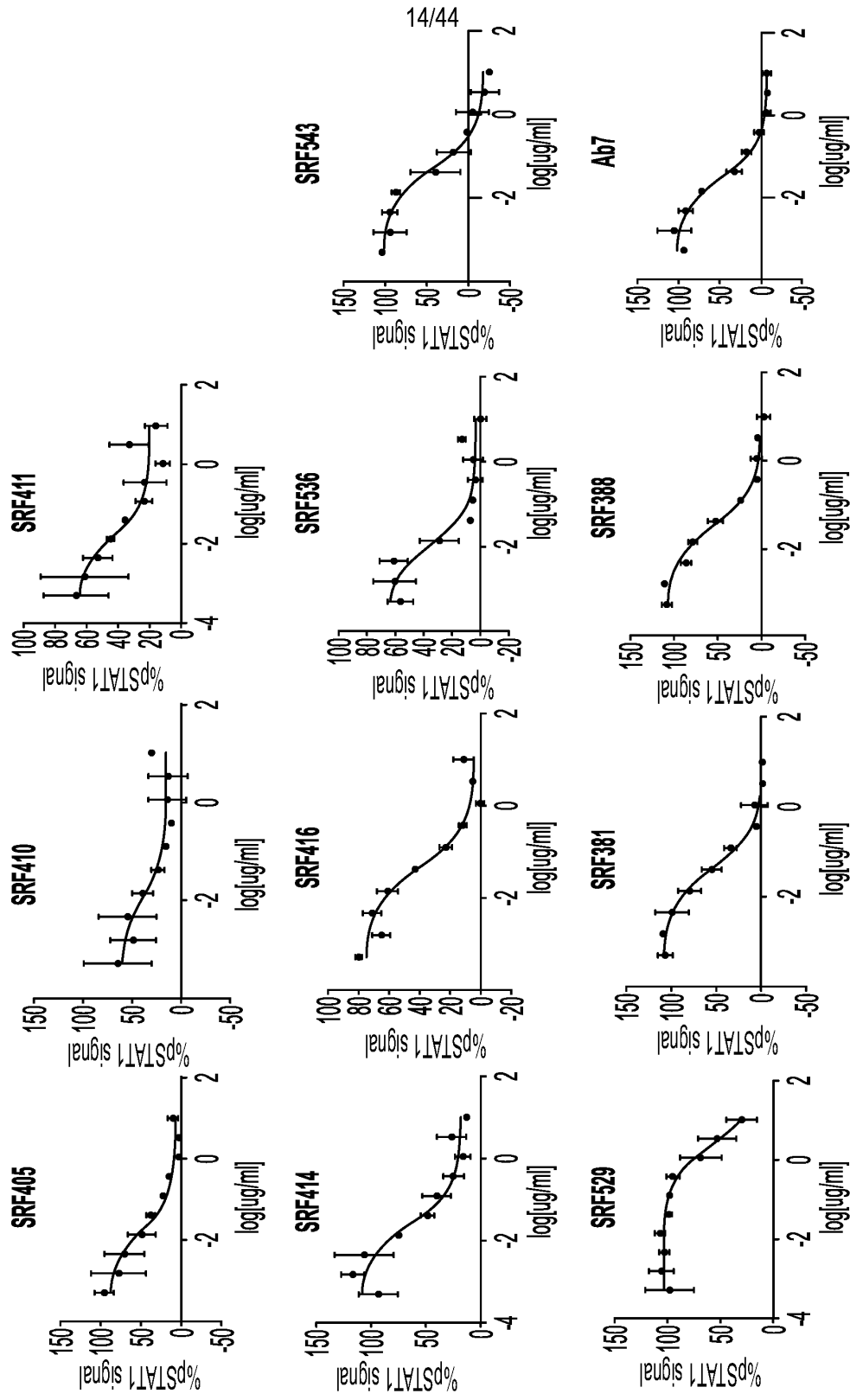


FIG. 5G

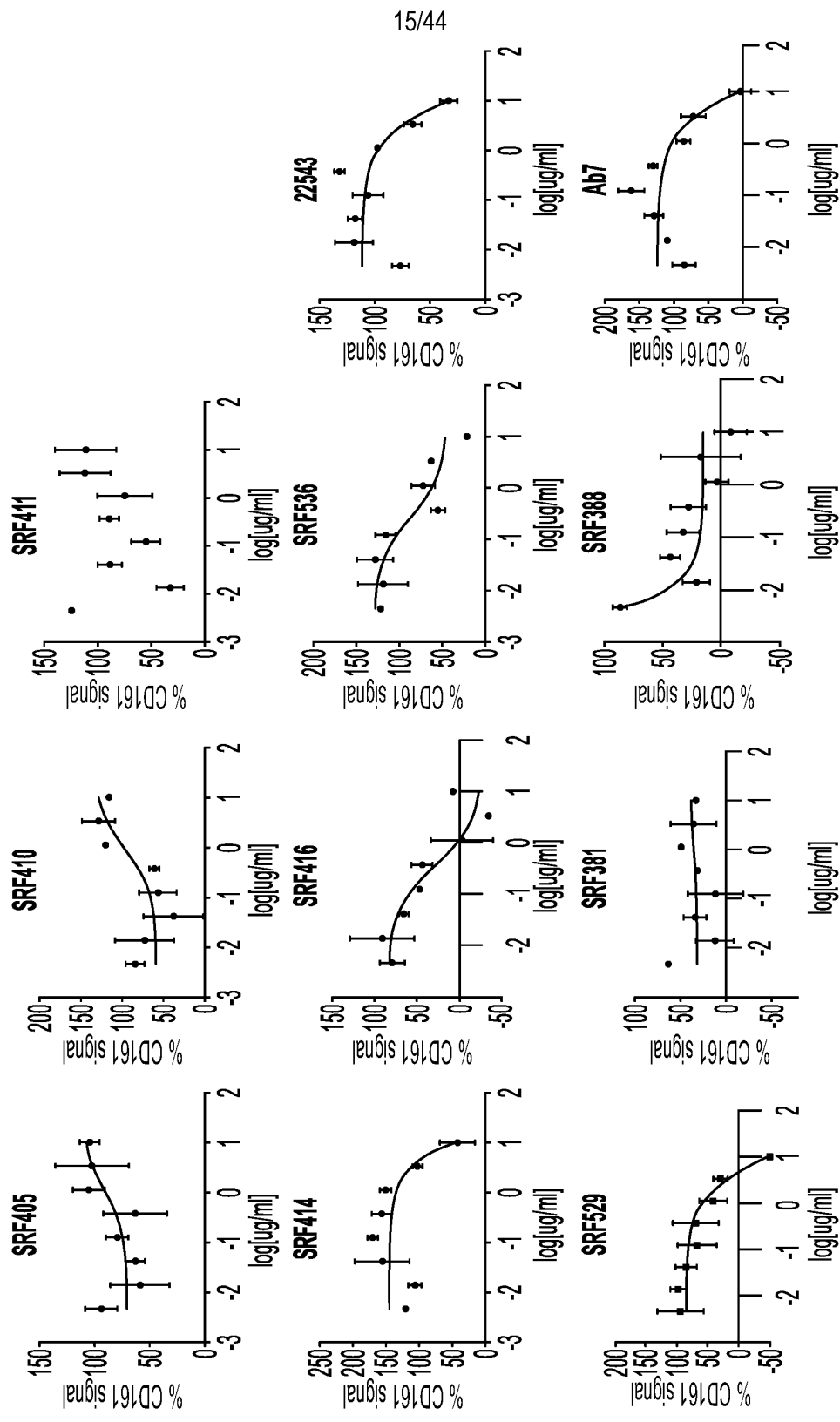
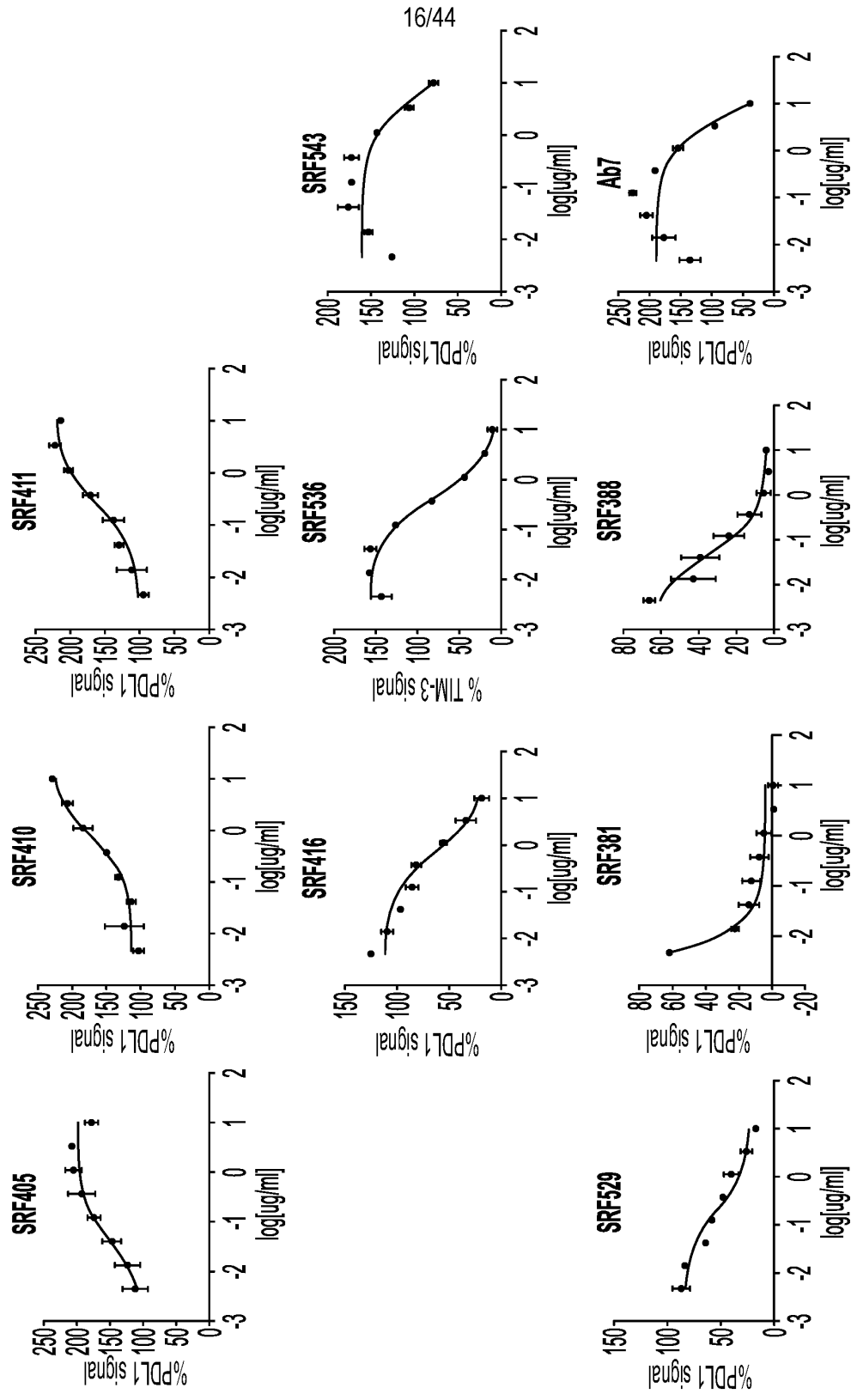


FIG. 5H



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FIG. 5I

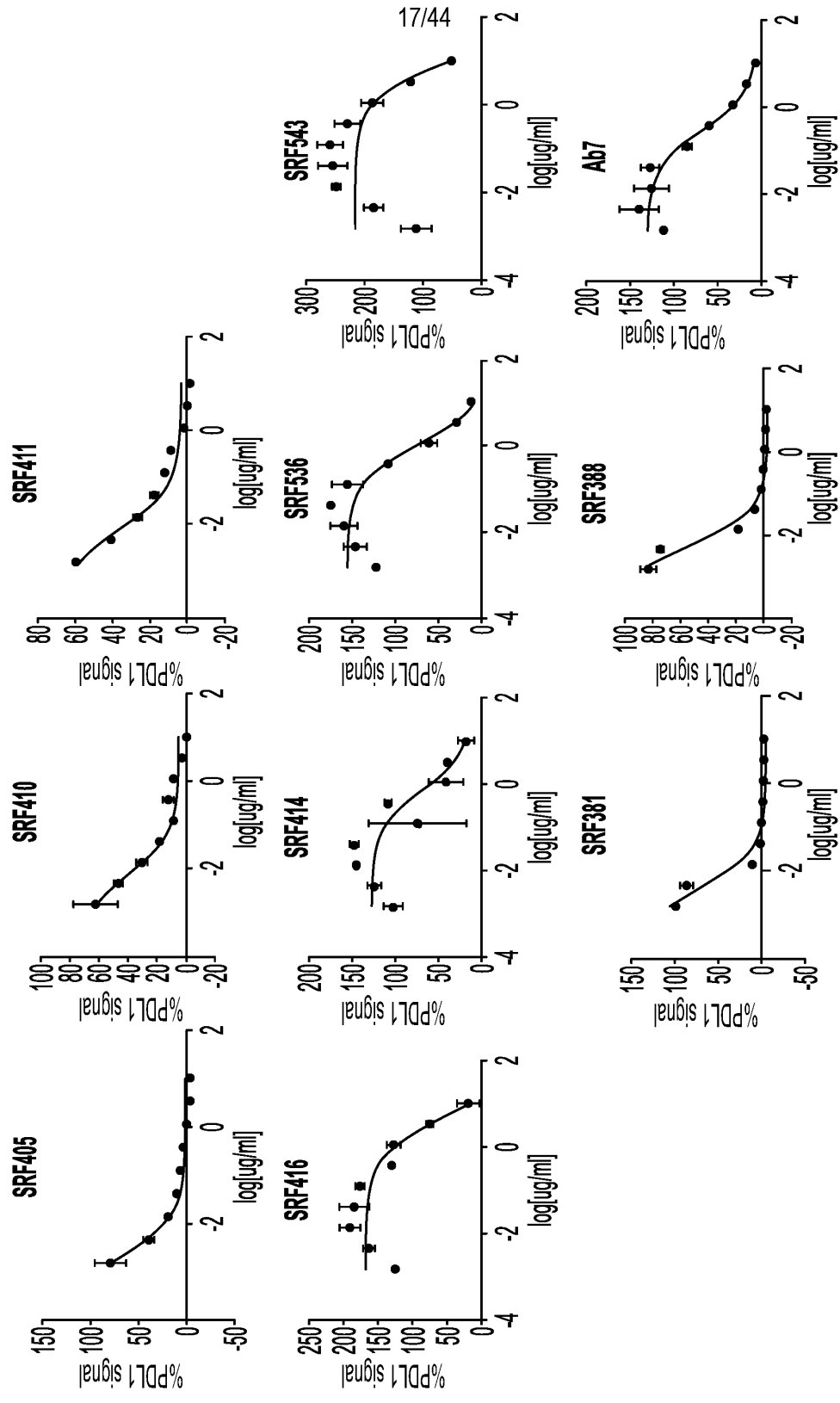


FIG. 5J

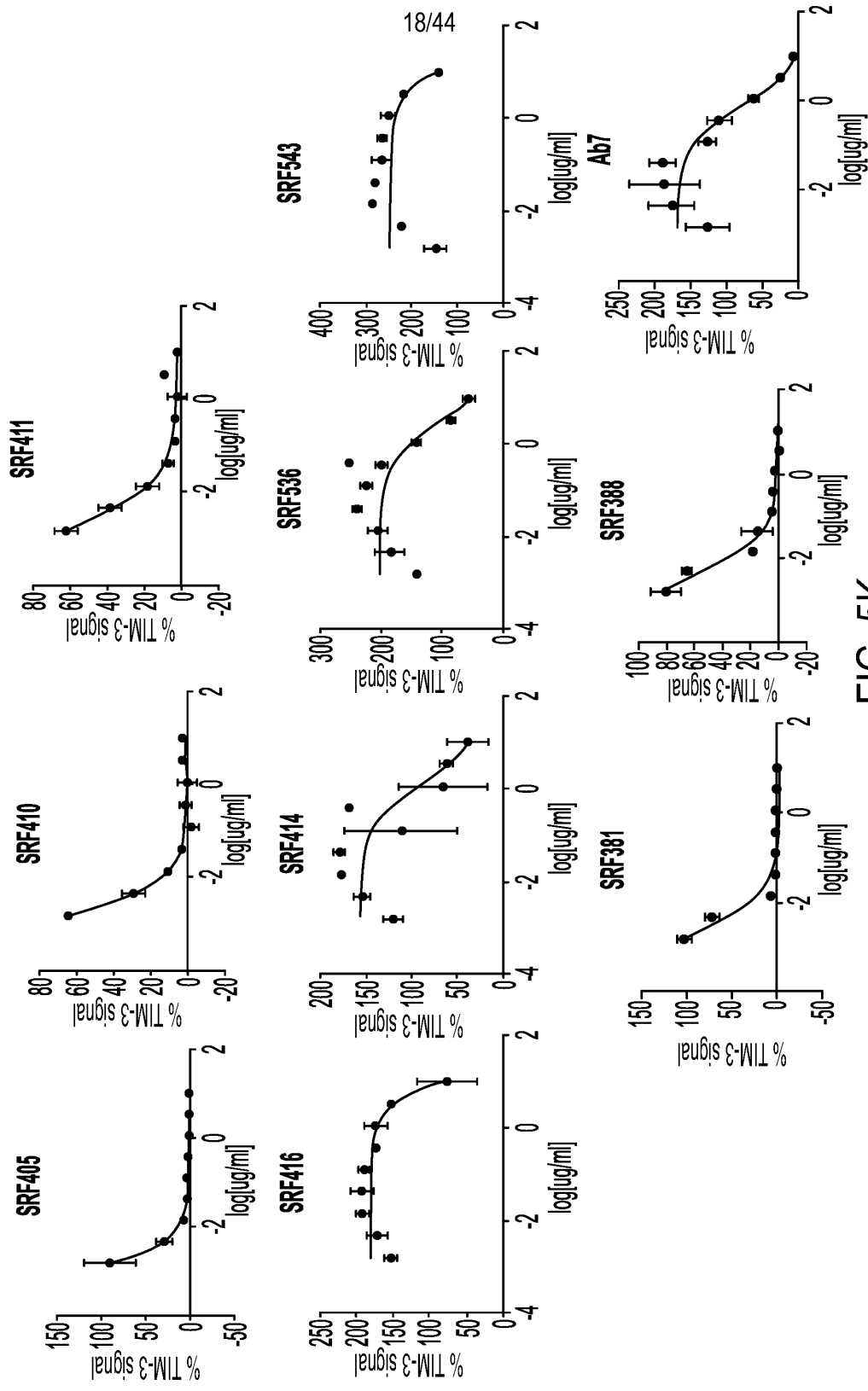


FIG. 5K

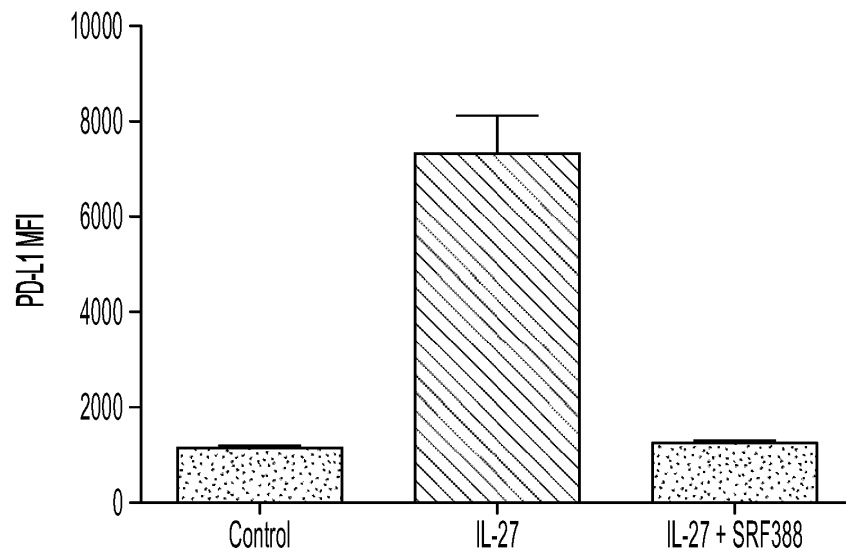


FIG. 6A

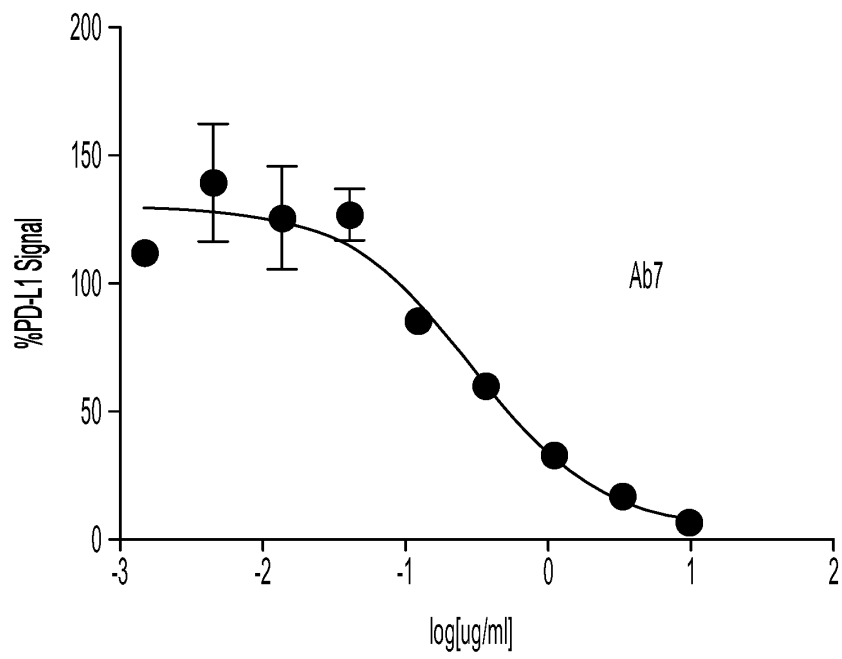


FIG. 6B

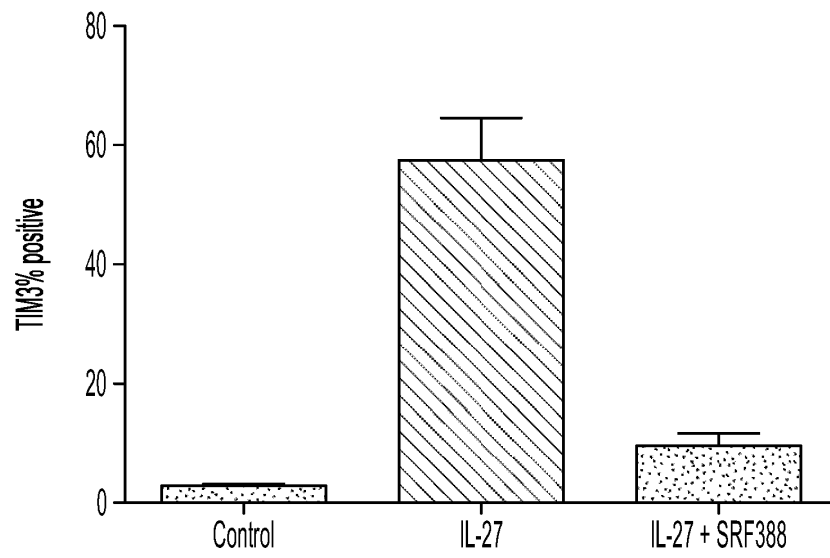


FIG. 6C

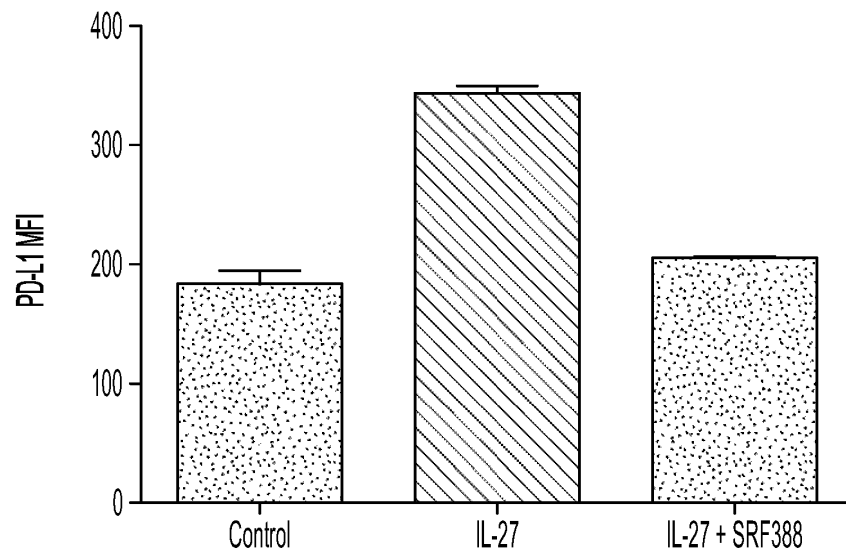


FIG. 6D

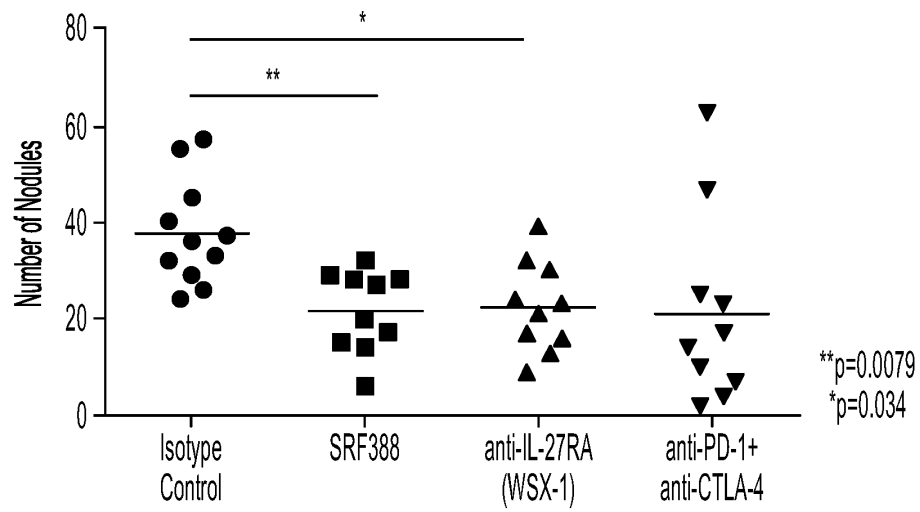


FIG. 7A

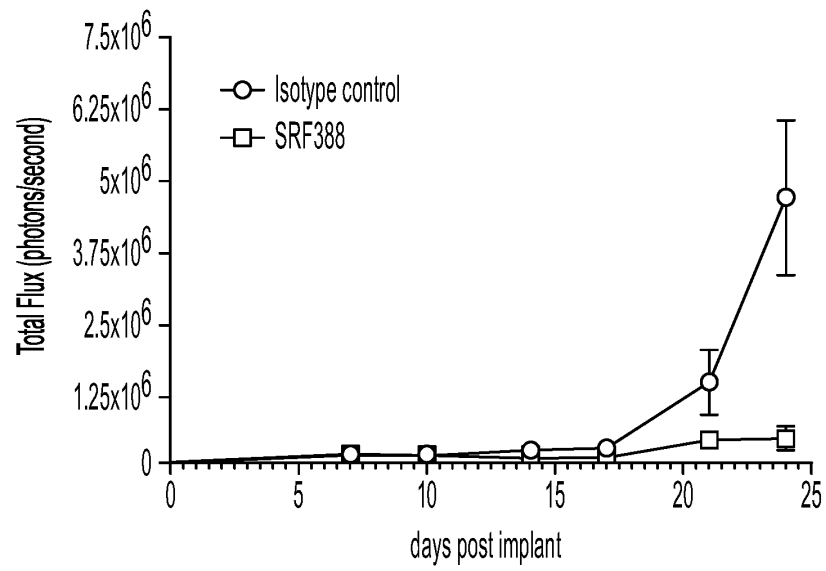


FIG. 7B

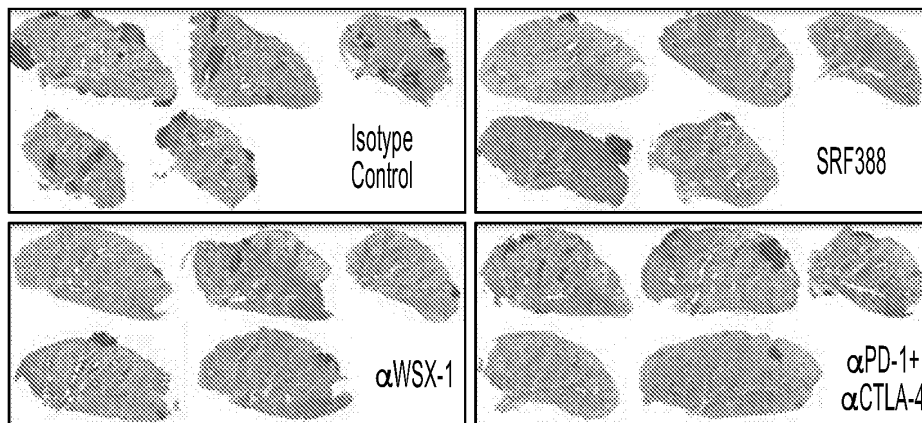


FIG. 7C

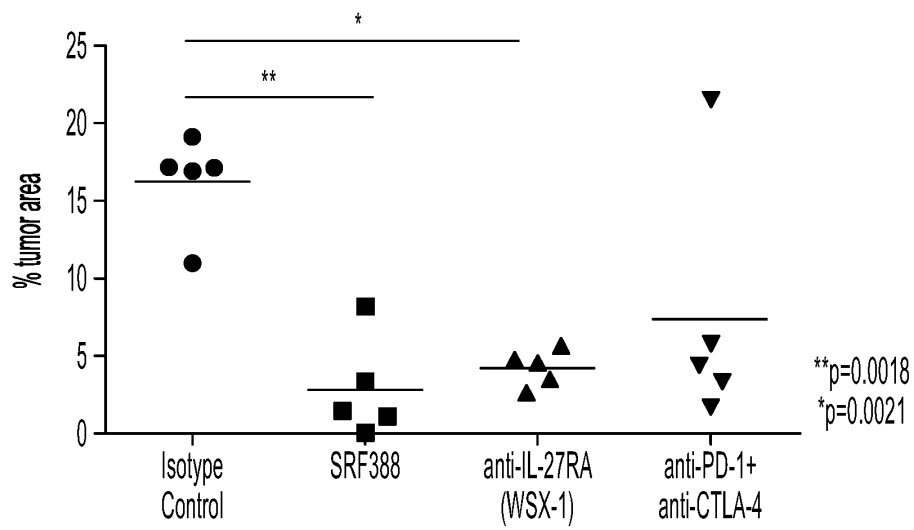


FIG. 7D

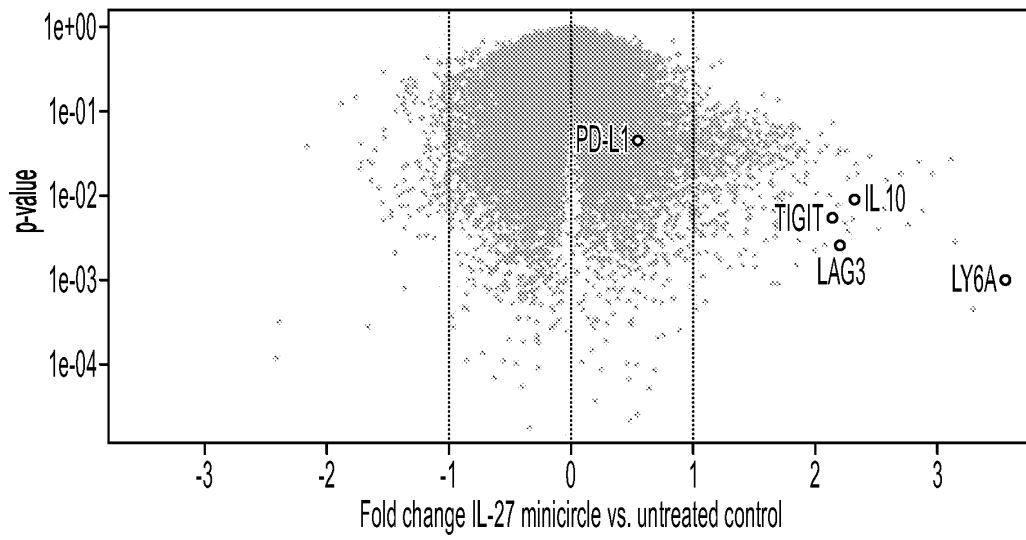


FIG. 8A

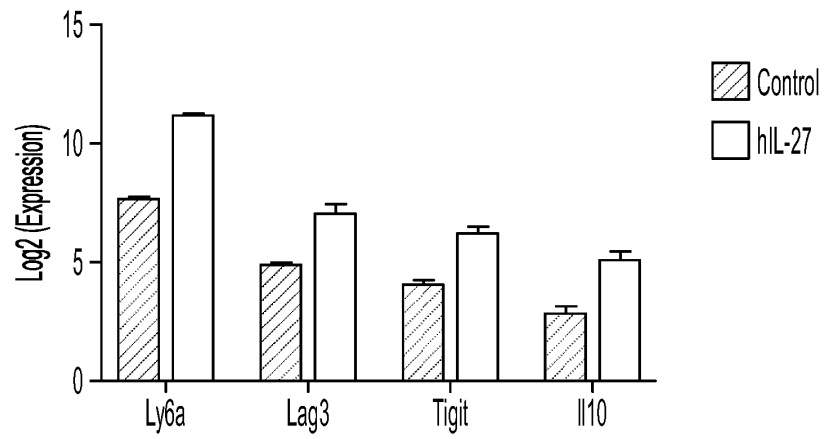


FIG. 8B

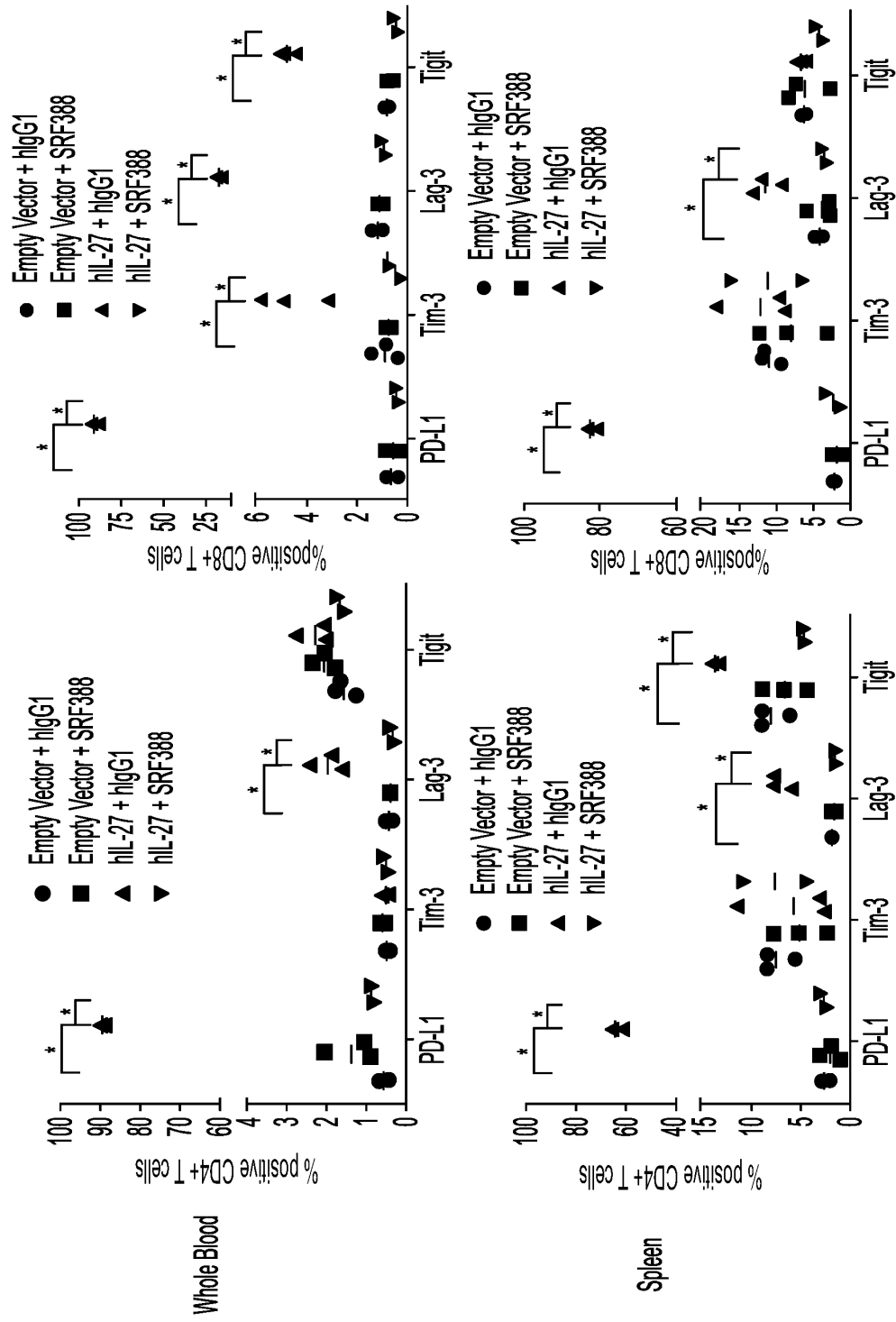


FIG. 8C

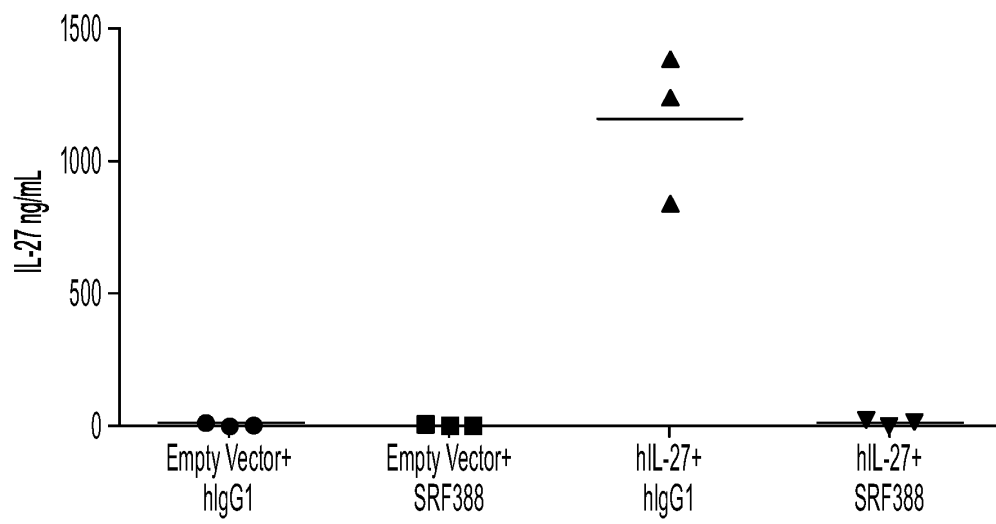


FIG. 8D

Antibody	(i) Affinity hIL-27 (M)	Affinity mIL-27 (M)	(ii) WSX-1 competitive	(iii) Inhibition of pSTAT1 U937	(iv) Inhibition of CD161	(v) Inhibition of PD-L1 in CD4 T cells	(vi) Enhances PD-1- mediated cytokine secretion
Ab7	1.00E-09	N.B.	Yes	Yes	Yes	Yes	Not tested
8B11	N/A	N.B.	Binds WSX-1	Yes	Yes	Yes	Not tested
SRF557	2.20E-09	N.B.	No	No	No	No	Not tested
SRF536	4.80E-11	8.05E-08	Yes	Yes	Yes	Yes	No
SRF416	1.30E-10	N.B.	Yes	Yes	Yes	Yes	Not tested
SRF543	2.60E-11	6.21E-08	Yes	Yes	Yes	Yes	Not tested
SRF414	5.20E-10	P.F.	Yes	Yes	No	Yes	Not tested
SRF529	5.90E-12	1.33E-09	Yes	Yes	Yes	Yes	Not tested
SRF381	2.80E-12	4.56E-10	Yes	Yes	Yes	Yes	Yes
SRF388	1.30E-12	5.94E-10	Yes	Yes	Yes	Yes	Yes
SRF382	7.50E-12	2.50E-09	Yes	Yes	Yes	Yes	Not tested
SRF384	2.40E-12	4.05E-10	Yes	Yes	Yes	Yes	Not tested
SRF386	3.40E-12	1.75E-09	Yes	Yes	Yes	Yes	Not tested
SRF410	3.90E-10	5.81E-09	No	Yes	No	No	Not tested
SRF411	4.30E-10	5.46E-10	No	Yes	No	No	Not tested
SRF405	1.00E-10	5.02E-09	No	Yes	No	No	Not tested
SRF573	7.40E-10	N.B.	No	Yes	Yes	No	Not tested
SRF605	P.F.	P.F.	No	No	No	No	Not tested
SRF535	1.15E-08	N.B.	Yes	Yes	No	Yes	Not tested
SRF538	8.93E-09	1.82E-07	Yes	Yes	No	No	Not tested
SRF541	9.44E-08	N.B.	No	No	No	No	Not tested
SRF583	1.98E-09	N.B.	No	No	Yes	No	Not tested

FIG. 9

Property									
(i)	binds to human IL-27 with an equilibrium dissociation constant (KD) of 15 nM or less;								N.B. = non-binder
(ii)	blocks binding of IL-27 to IL-27 receptor;								P.F. = poor fit
(iii)	inhibits or reduces STAT1 and/or STAT3 phosphorylation in a cell;								
(iv)	inhibits or reduces IL-27-mediated inhibition of CD161 expression in a cell;								
(v)	inhibits or reduces IL-27-mediated PD-L1 and/or TIM-3 expression in a cell; and								
(vi)	induces or enhances PD-1-mediated secretion of one or more cytokines from a cell.								

FIG. 9 continued

Name	VH FR1	SEQ ID	VH CDR1	SEQ ID	VH FR2	SEQ ID	VH CDR2	SEQ ID
SRF405	QVQLVQSGAEVKKPGSSVKVCKASG	477	GTFFVGYAIS	483	WVRQAPGQGLEWMG	499	GIIPIFGTANYAQKFQG	504
SRF410	QVQLVQSGAEVKKPGSSVKVCKASG	477	GTFSAYAIS	484	WVRQAPGQGLEWMG	499	GIIPIFGTANYAQKFQG	505
SRF411	QVQLVQSGAEVKKPGSSVKVCKASG	477	GTFFESYTIIS	485	WVRQAPGQGLEWMG	499	GIAPIFGTANYAQKFQG	506
SRF557	QVQLVQSGAEVKKPGSSVKVCKASG	477	GTFFSSYAIS	486	WVRQAPGQGLEWMG	499	GIIPIFGTANYAQKFQG	507
SRF536	QVQLQQWAGAGLLKPSETLSLTCAVYG	478	GSFSEYYTWA	487	WIRQPPCKGLEWIG	500	EIDEVGSGTNYNPSSLKS	508
SRF414	QVQLQQWAGAGLLKPSETLSLTCAVYG	478	GSFSRYTWS	488	WIRQPPCKGLEWIG	500	SIDYSGSTNYNPSSLKS	509
SRF416	QVQLQQWAGAGLLKPSETLSLTCAVYG	478	GSFSGYTWS	489	WIRQPPCKGLEWIG	500	EIDVDGSGTNYNPSSLKS	510
SRF529	EVQLVESGGGLVKPGGSLRLSCAASG	479	FTFSSYGMN	490	WVRQAPGKGLEWVS	501	SISSSSSYIYYADSVKG	511
SRF381	EVQLVESGGGLVKPGGSLRLSCAASG	479	FTFRSYGMN	491	WVRQAPGKGLEWVS	501	SISSSSSYIYYADSVKG	511
SRF382	EVQLVESGGGLVKPGGSLRLSCAASG	479	FTFSRTGMN	492	WVRQAPGKGLEWVS	501	SISSSSSYIYYADSVKG	511
SRF384	EVQLVESGGGLVKPGGSLRLSCAASG	479	FTFSRYGMN	493	WVRQAPGKGLEWVS	501	SISSSSAYILYADSVKG	512
SRF386	EVQLVESGGGLVKPGGSLRLSCAASG	479	FTFASYGMN	494	WVRQAPGKGLEWVS	501	SISSSSSYIYYADSVKG	511
SRF388	EVQLVESGGGLVKPGGSLRLSCAASG	479	FTFRSYGMN	495	WVRQAPGKGLEWVS	501	GISSSGSIYYIYADSVKG	513
SRF535	EVQLVESGGGLVQPGGSLRLSCAASG	480	FTFESSYGNIS	496	WVRQAPGKGLEWVA	502	NIKQDGSSEKYYVDSVKG	514
SRF538	QVQLVESGGGVVQPGGRSLRLSCAASG	481	FTFESSYGMH	497	WVRQAPGKGLEWVA	502	VIWYDGSNKYYADSVKG	515
SRF543	QVQLQQWAGAGLLKPSETLSLTCAVYG	482	GSFSDYEWS	498	WIRQPPCKGLEWIG	503	EIDWSGITNYNPSSLKS	516

FIG. 10A

Name	VH FR3	SEQ ID	VHCDR3	SEQ ID	VH FR4	SEQ ID
SRF405	RVTITADESTSTAYMELSSLRSEDTAAYYC	517	ARSYSSRWHHYYMDV	522	WGKGTTVTVSS	531
SRF410	RVTITADESTSTAYMELSSLRSEDTAAYYC	517	ARSYSSRWHHYYMDV	522	WGKGTTVTVSS	531
SRF411	RVTITADESTSTAYMELSSLRSEDTAAYYC	517	ARSYSSRWHHYYMDV	522	WGKGTTVTVSS	531
SRF557	RVTITADESTSTAYMELSSLRSEDTAAYYC	517	ARLGGRGYADEGWYFDL	523	WGRGTLVTVSS	532
SRF536	RVTISVDTSKNQFSLKLSVTAADTAAYYC	518	ARLPMYYYDSSDLPMDV	524	WGQGTTVTVSS	533
SRF414	RVTISVDTSKNQFSLKLSVTAADTAAYYC	518	ARDGVYYDSSDLGFDI	525	WGQGTMTVTVSS	534
SRF416	RVTISVDTSKNQFSLKLSVTAADTAAYYC	518	ARDGVYYDTSPYDV	526	WGQGTMTVTVSS	534
SRF529	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDGRTSYTATAHNWFDP	527	WGQGTTLVTVSS	535
SRF381	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDGRTSYTATAHNWFDP	527	WGQGTTLVTVSS	535
SRF382	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDGRTSYTATAHNWFDP	527	WGQGTTLVTVSS	535
SRF384	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDGRTSYTATAHNWFDP	527	WGQGTTLVTVSS	535
SRF386	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDGRTSYTATAHNWFDP	527	WGQGTTLVTVSS	535
SRF388	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDGRTSYTATAHNWFDP	527	WGQGTTLVTVSS	535
SRF535	RFTISRDNAKNSLYLQMNSLRAEDTAAYYC	519	ARDAPWDIYDYMDV	528	WGKGTTVTVSS	536
SRF538	RFTISRDNKNTLYLQMNSLRAEDTAAYYC	520	ARCAPEYVDV	529	WGQGTMTVTVSS	537
SRF543	RVTISVDTSKNQFSLKLSVTAADTAAYYC	521	ARLPMYYYDSSVSTGSVDV	530	WGQGTMTVTVSS	537

FIG. 10A (Continued)

Name	VL FR1	SEQ ID	VL CDR1	SEQ ID	VL FR2	SEQ ID	V CDR2	SEQ ID
SRF405	DIQMTQSPSSVSASVGDRTITC	538	RASQGISSWLA	545	WYQQKPGKAPKLLIY	552	AASNLQS	559
SRF410	DIQMTQSPSSVSASVGDRTITC	538	RASQGISSWLA	545	WYQQKPGKAPKLLIY	552	AASNLQS	559
SRF411	DIQMTQSPSSVSASVGDRTITC	538	RASQGISSWLA	545	WYQQKPGKAPKLLIY	552	AASNLQS	559
SRF557	EIVLTQSPGTLSPGERATLSC	539	RASQSVSSSYLA	546	WYQQKPGQAPRLLIY	553	GASSRAT	560
SRF536	DIQMTQSPSSLSASVGDRTITC	540	QASQDISNYLN	547	WYQQKPGKAPKLLIY	554	DASNLAT	561
SRF414	DIQMTQSPSSLSASVGDRTITC	540	QASQDISNYLN	547	WYQQKPGKAPKLLIY	554	DASNLET	562
SRF416	EIVLTQSPATLSLSPGERATLSC	541	RASQSVSSSYLA	548	WYQQKPGQAPRLLIY	555	DASNRAT	563
SRF529	DIQMTQSPDLSAVSLGERATINC	542	KSSQSVLFSNNKNYLA	549	WYQQKPGQPPKLLIY	556	WASTRES	564
SRF381	DIQMTQSPDLSAVSLGERATINC	542	KSSQSVLFSNNKNYLA	549	WYQQKPGQPPKLLIY	556	WASTRES	564
SRF382	DIQMTQSPDLSAVSLGERATINC	542	KSSQSVLFSNNKNYLA	549	WYQQKPGQPPKLLIY	556	WASTRES	564
SRF384	DIQMTQSPDLSAVSLGERATINC	542	KSSQSVLFSNNKNYLA	549	WYQQKPGQPPKLLIY	556	WASTRES	564
SRF386	DIQMTQSPDLSAVSLGERATINC	542	KSSQSVLFSNNKNYLA	549	WYQQKPGQPPKLLIY	556	WASTRES	564
SRF388	DIQMTQSPDLSAVSLGERATINC	542	KSSQSVLFSNNKNYLA	549	WYQQKPGQPPKLLIY	556	WASTRES	564
SRF535	DIQMTQSPSSLSASVGDRTITC	543	RASQSISSYLN	550	WYQQKPGKAPKLLIY	557	AASSLQS	565
SRF538	EIVLTQSPATLSLSPGERATLSC	544	RASQSVSSSYLA	551	WYQQKPGQAPRLLIY	558	DSSNRAT	566
SRF543	EIVLTQSPATLSLSPGERATLSC	544	RASQSVSSSYLA	551	WYQQKPGQAPRLLIY	558	DSSNRAT	566

FIG. 10A (Continued)

Name	VL FR3	SEQ ID	VL CDR3	SEQ ID	VH FR4	SEQ ID
SRF405	GVPSRFSGSGGTDFTLTISSLPEDFATYYC	567	QQADDLPLT	574	FGGGTKVEIK	583
SRF410	GVPSRFSGSGGTDFTLTISSLPEDFATYYC	567	QQADDLPLT	574	FGGGTKVEIK	583
SRF411	GVPSRFSGSGGTDFTLTISSLPEDFATYYC	567	QQADDLPLT	574	FGGGTKVEIK	583
SRF557	GIPDRFSGSGGTDFTLTISRLEPEDFAVYYC	568	QQYVGSPIT	575	FGGGTKVEIK	583
SRF536	GVPSRFSGSGGTDFTLTISSLPEDIAATYYC	569	QQYDTLPLT	576	FGGGTKVEIK	583
SRF414	GVPSRFSGSGGTDFTLTISSLPEDIAATYYC	569	QQYDDTLPLT	577	FGGGTKVEIK	583
SRF416	GIPARFSGSGGTDFTLTISSLEPEDFAVYYC	570	QQRDSFPLT	578	FGGGTKVEIK	583
SRF529	GVPRFSGSGGTDFTLTISSLQAEDVAVVYC	571	QQHASAPPT	579	FGGGTKVEIK	583
SRF381	GVPRFSGSGGTDFTLTISSLQAEDVAVVYC	571	QQHASAPPT	579	FGGGTKVEIK	583
SRF382	GVPRFSGSGGTDFTLTISSLQAEDVAVVYC	571	QQHASAPPT	579	FGGGTKVEIK	583
SRF384	GVPRFSGSGGTDFTLTISSLQAEDVAVVYC	571	QQHASAPPT	579	FGGGTKVEIK	583
SRF386	GVPRFSGSGGTDFTLTISSLQAEDVAVVYC	571	QQHASAPPT	579	FGGGTKVEIK	583
SRF388	GVPRFSGSGGTDFTLTISSLQAEDVAVVYC	571	QQHASAPPT	579	FGGGTKVEIK	583
SRF535	GVPSRFSGSGGTDFTLTISSLPEDFATYYC	572	QQSYVPPWT	580	FGGGTKVEIK	583
SRF538	GIPARFSGSGGTDFTLTISSLEPEDFAVYYC	573	QQVSLYPT	581	FGGGTKVEIK	583
SRF543	GIPARFSGSGGTDFTLTISSLEPEDFAVYYC	573	QQSDHPIT	582	FGGGTKVEIK	583

FIG. 10A (Continued)

IMGT annotation: Name	VH FR1	SEQ ID	VH CDR1	SEQ ID	VH FR2	SEQ ID	VH CDR2	SEQ ID
SRF405	QVQLVQSGAEVKKPGSSVKVCKAS	584	GGTFVGYA	590	ISWVRQAPGQGLEWMGG	605	IIPIFGTA	614
SRF410	QVQLVQSGAEVKKPGSSVKVCKAS	584	GGTF ~~S~~ AYA	591	ISWVRQAPGQGLEWMGG	605	IIPIFGTA	615
SRF411	QVQLVQSGAEVKKPGSSVKVCKAS	584	GGTFESYT	592	ISWVRQAPGQGLEWMGG	605	I ~~A~~ PIFGTA	616
SRF557	QVQLVQSGAEVKKPGSSVKVCKAS	584	GGTFSSYA	593	ISWVRQAPGQGLEWMGG	605	IIPIFGTA	615
SRF536	QVQLQQWAGALLKPSETLSLTCAVY	585	GGSFSEYY	594	~~W~~ AWIRQPPGKGLEWIGE	606	I ~~D~~ EVGST	617
SRF414	QVQLQQWAGALLKPSETLSLTCAVY	585	GGSF ~~S~~ RY	595	WSWIRQPPGKGLEWIGS	607	IDYSGST	618
SRF416	QVQLQQWAGALLKPSETLSLTCAVY	585	GGSFSGYY	596	WSWIRQPPGKGLEWIGE	608	IDVDGST	619
SRF529	EVQLVESGGGLVKPGGSLRLSCAAS	586	GFTFSSYS	597	MNWVRQAPGKGLEWVSS	609	ISSSSSYI	620
SRF381	EVQLVESGGGLVKPGGSLRLSCAAS	586	GFTF ~~S~~ SYG	598	MNWVRQAPGKGLEWVSS	609	ISSSSSYI	620
SRF382	EVQLVESGGGLVKPGGSLRLSCAAS	586	GFTFSRTG	599	MNWVRQAPGKGLEWVSS	609	ISSSSSYI	620
SRF384	EVQLVESGGGLVKPGGSLRLSCAAS	586	GFTFSRYG	600	MNWVRQAPGKGLEWVSS	609	ISSSS ~~A~~ YI	621
SRF386	EVQLVESGGGLVKPGGSLRLSCAAS	586	GFTF ~~S~~ SYG	601	MNWVRQAPGKGLEWVSS	609	ISSSSSYI	620
SRF388	EVQLVESGGGLVKPGGSLRLSCAAS	586	GFTF ~~S~~ RYG	602	MNWVRQAPGKGLEWVSG	610	ISSSGSYI	622
SRF535	EVQLVESGGGLVQPGGSLRLSCAAS	587	GFTFSSYG	603	MSWVRQAPGKGLEWVAN	611	IKQDGSEK	623
SRF538	QVQLVESGGGVVQPGSLRLSCAAS	588	GFTFSSYG	603	MEWVRQAPGKGLEWVAV	612	IWYDGSNK	624
SRF543	QVQLQQWAGALLKPSETLSLTCAVY	589	GGSFSDYE	604	WSWIRQPPGKGLEWIGE	613	IDWSGIT	625

FIG. 10B

IMGT annotation: Name	VH FR3	SEQ ID	VHCDR3	SEQ ID	VH FR2	SEQ ID
SRF405	NYAQFQGRVTITADESTSTAYMELSSLRSEDTAVYYC	626	ARSYYSSRWHHYYYYMDV	637	WGKGTITVTVSS	646
SRF410	NYAQFQGRVTITADESTSTAYMELSSLRSEDTAVYYC	626	ARSYYSSRWHHYYYYMDV	637	WGKGTITVTVSS	646
SRF411	HYAQFQGRVTITADESTSTAYMELSSLRSEDTAVYYC	627	ARSYYSSRWHHYYYYMDV	637	WGKGTITVTVSS	646
SRF557	NYAQFQGRVTITADESTSTAYMELSSLRSEDTAVYYC	628	ARLGGRGYADEGWYFDL	638	WGRGTLVTVSS	647
SRF536	NYNPSLKSRVTISVDTSKNQFSLKLSSTVTAADTAVYYC	629	ARLPMYYYDSSDLPMDV	639	WGQGTITVTVSS	648
SRF414	EYNPSLKSRVTISVDTSKNQFSLKLSSTVTAADTAVYYC	630	ARDGVYYDSSDLGFDL	640	WGQGTIMVTVSS	649
SRF416	NYNPSLKSRVTISVDTSKNQFSLKLSSTVTAADTAVYYC	629	ARDGYYYDTSPYDV	641	WGQGTIMVTVSS	649
SRF529	YYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	631	ARDGGRTSYTATAHNWEDP	642	WGQGTILVTVSS	650
SRF381	YYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	631	ARDGGRTSYTATAHNWEDP	642	WGQGTILVTVSS	650
SRF382	YYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	631	ARDGGRTSYTATAHNWEDP	642	WGQGTILVTVSS	650
SRF384	LYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	632	ARDGGRTSYTATAHNWEDP	642	WGQGTILVTVSS	650
SRF386	YYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	633	ARDGGRTSYTATAHNWEDP	642	WGQGTILVTVSS	650
SRF388	YYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	633	ARDGGRTSYTATAHNWEDP	642	WGQGTILVTVSS	650
SRF535	YYVDSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	634	ARDAPWDIYDYMDV	643	WGKGTITVTVSS	651
SRF538	YYADSVKGRFTISRDNVAKNSLYLQMNLSLRAEDTAVYYC	635	ARGAPEYVDV	644	WGQGTIMVTVSS	652
SRF543	NYNPSLKSRVTISVDTSKNQFSLKLSSTVTAADTAVYYC	636	ARLPMYYYDSSSVSTGSVDV	645	WGQGTIMVTVSS	652

FIG. 10B (Continued)

TMT annotation: Name	VL FR1	SEQ ID	VL CDR1	SEQ ID	VL FR2	SEQ ID	VL CDR2	SEQ ID
SRF405	DIQMTQSPSSVSASVGDRTITCRAS	653	QGSSW	660	LAWYQQKPGKAPKLLIY	667	AAS	674
SRF410	DIQMTQSPSSVSASVGDRTITCRAS	653	QGSSW	660	LAWYQQKPGKAPKLLIY	667	AAS	674
SRF411	DIQMTQSPSSVSASVGDRTITCRAS	653	QGSSW	660	LAWYQQKPGKAPKLLIY	667	AAS	674
SRF557	EIVLTQSPGTLSPGERATLSCRAS	654	QSVSSY	661	LAWYQQKPGQAPKLLIY	668	GAS	675
SRF536	DIQMTQSPSSLASVGDRTITCQAS	655	QDLSNY	662	LAWYQQKPGKAPKLLIY	669	DAS	676
SRF414	DIQMTQSPSSLASVGDRTITCQAS	655	QDLSNY	662	LAWYQQKPGKAPKLLIY	669	DAS	676
SRF416	EIVLTQSPATLSLSPGERATLSCRA	656	QSVSSY	663	LAWYQQKPGQAPKLLIY	670	DAS	676
SRF529	DIVMTQSPDSLAVSLGERATINCKSS	657	QSVLFSSNNKNY	664	LAWYQQKPGQPPKLLIY	671	WAS	677
SRF381	DIVMTQSPDSLAVSLGERATINCKSS	657	QSVLFSSNNKNY	664	LAWYQQKPGQPPKLLIY	671	WAS	677
SRF382	DIVMTQSPDSLAVSLGERATINCKSS	657	QSVLFSSNNKNY	664	LAWYQQKPGQPPKLLIY	671	WAS	677
SRF384	DIVMTQSPDSLAVSLGERATINCKSS	657	QSVLFSSNNKNY	664	LAWYQQKPGQPPKLLIY	671	WAS	677
SRF386	DIVMTQSPDSLAVSLGERATINCKSS	657	QSVLFSSNNKNY	664	LAWYQQKPGQPPKLLIY	671	WAS	677
SRF388	DIVMTQSPDSLAVSLGERATINCKSS	657	QSVLFSSNNKNY	664	LAWYQQKPGQPPKLLIY	671	WAS	677
SRF535	DIQMTQSPSSLASVGDRTITCRAS	658	QSLSSY	665	LAWYQQKPGKAPKLLIY	672	AAS	678
SRF538	EIVLTQSPATLSLSPGERATLSCRAS	659	QSVSSY	666	LAWYQQKPGQAPKLLIY	673	DSS	679
SRF543	EIVLTQSPATLSLSPGERATLSCRAS	659	QSVSSY	666	LAWYQQKPGQAPKLLIY	673	DSS	679

FIG. 10B (Continued)

IMGT annotation: Name	VL FR3	SEQ ID	VL CDR3	SEQ ID	VH FR4	SEQ ID
SRF405	NLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYC	680	QQADDLPLT	688	FGGGTKVEIK	697
SRF410	NLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYC	680	QQADDLPLT	688	FGGGTKVEIK	697
SRF411	NLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYC	680	QQADDLPLT	688	FGGGTKVEIK	697
SRF557	SRATGIPTRFSGSGSGTDFTLTISRLEPEDFAVYYC	681	QQYYGSPIT	689	FGGGTKVEIK	697
SRF536	NLATGVPSRFSGSGSGTDFTLTISSLQPEDIAATYYC	682	QQYDLPLT	690	FGGGTKVEIK	697
SRF414	NLETGVPSRFSGSGSGTDFTLTISSLQPEDIAATYYC	683	QQYDDTLPLT	691	FGGGTKVEIK	697
SRF416	NRATGIPARFSGSGSGTDFTLTISSLQPEDFAVYYC	684	QQRDSFPLT	692	FGGGTKVEIK	697
SRF529	TRESGVDPDRFSGSGSGTDFTLTISSLQAEDEVAVYYC	685	QQHASAPPT	693	FGGGTKVEIK	697
SRF381	TRESGVDPDRFSGSGSGTDFTLTISSLQAEDEVAVYYC	685	QQHASAPPT	693	FGGGTKVEIK	697
SRF382	TRESGVDPDRFSGSGSGTDFTLTISSLQAEDEVAVYYC	685	QQHASAPPT	693	FGGGTKVEIK	697
SRF384	TRESGVDPDRFSGSGSGTDFTLTISSLQAEDEVAVYYC	685	QQHASAPPT	693	FGGGTKVEIK	697
SRF386	TRESGVDPDRFSGSGSGTDFTLTISSLQAEDEVAVYYC	685	QQHASAPPT	693	FGGGTKVEIK	697
SRF388	TRESGVDPDRFSGSGSGTDFTLTISSLQAEDEVAVYYC	685	QQHASAPPT	693	FGGGTKVEIK	697
SRF535	SLQSGVPSRFSGSGSGTDFTLTISSLQPEDFATYYC	686	QQSYVPPWT	694	FGGGTKVEIK	697
SRF538	NRATGIPARFSGSGSGTDFTLTISSLQPEDFAVYYC	687	QQYSLYPT	695	FGGGTKVEIK	697
SRF543	NRATGIPARFSGSGSGTDFTLTISSLQPEDFAVYYC	687	QQDSDHPTT	696	FGGGTKVEIK	697

FIG. 10B (Continued)

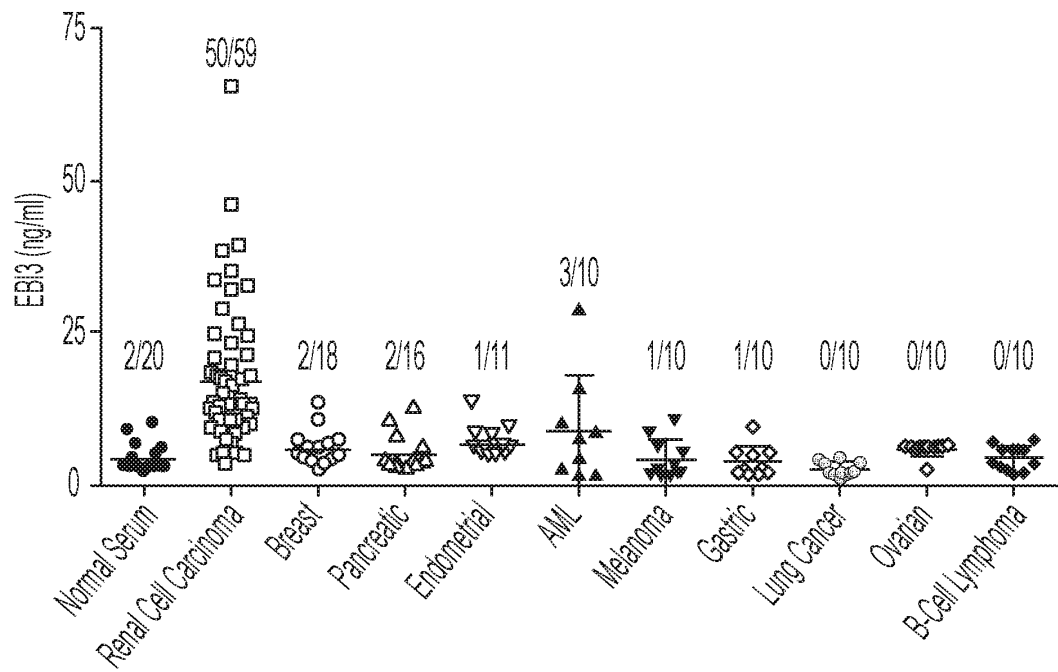


FIG. 11A

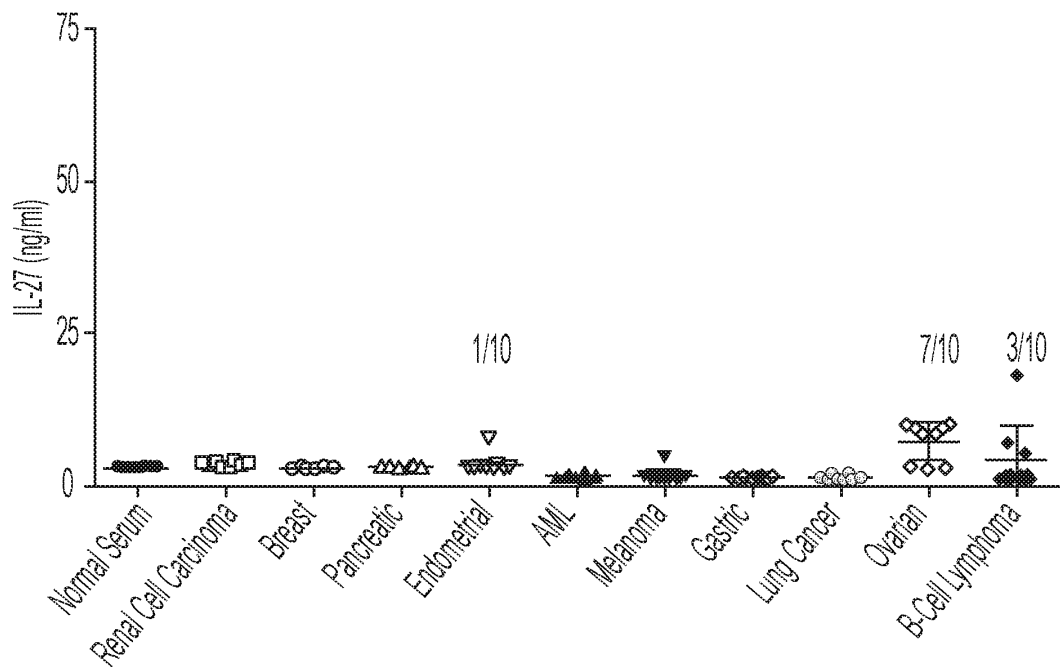


FIG. 11B

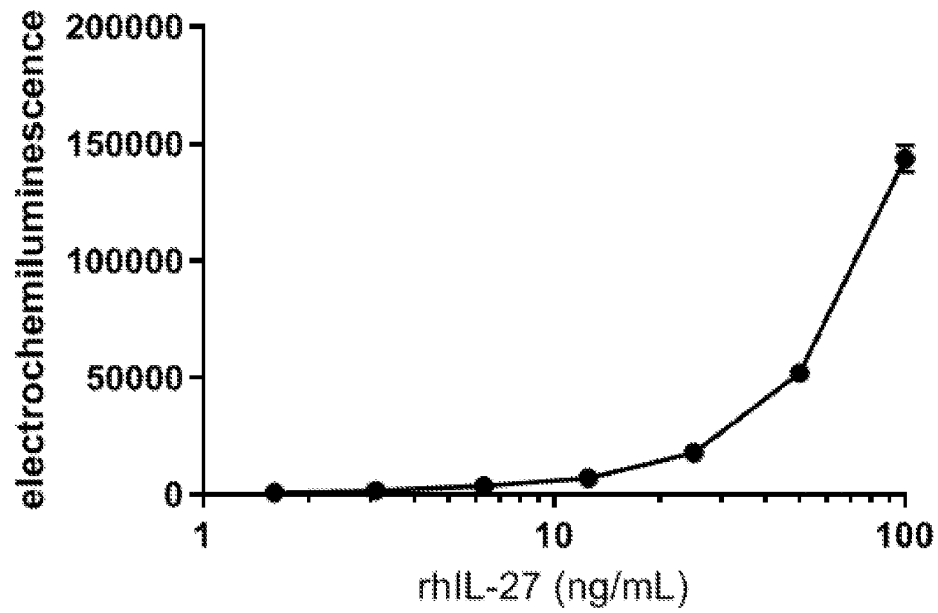


FIG. 12A

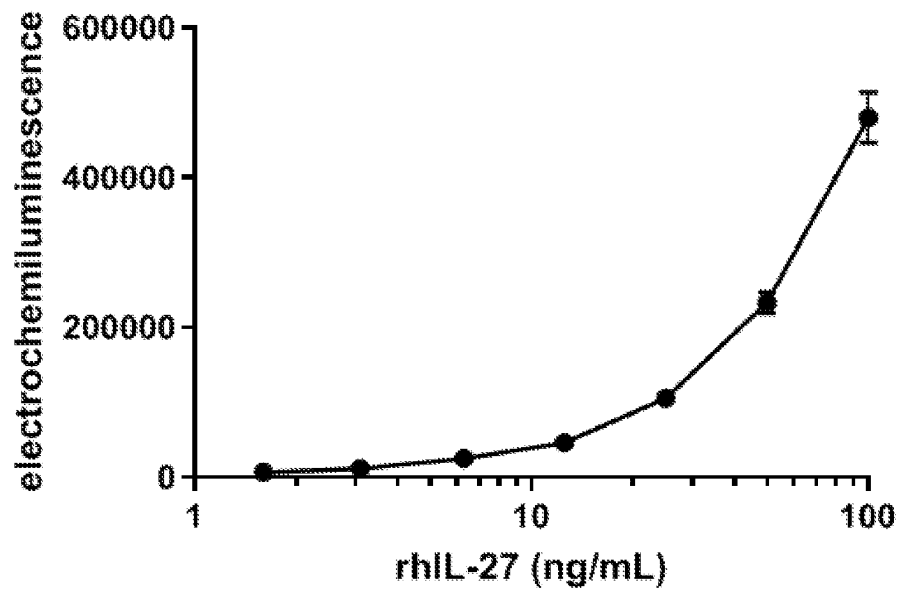


FIG. 12B

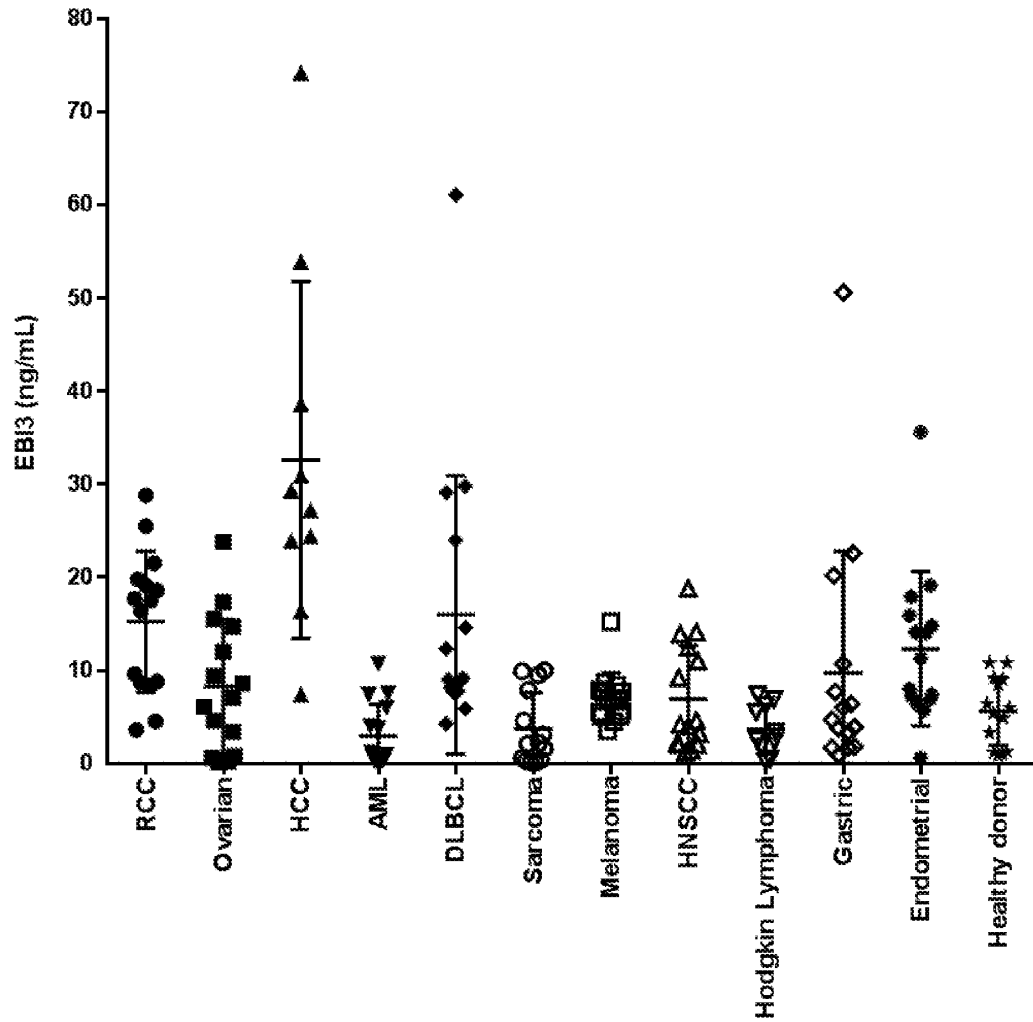


FIG. 12C

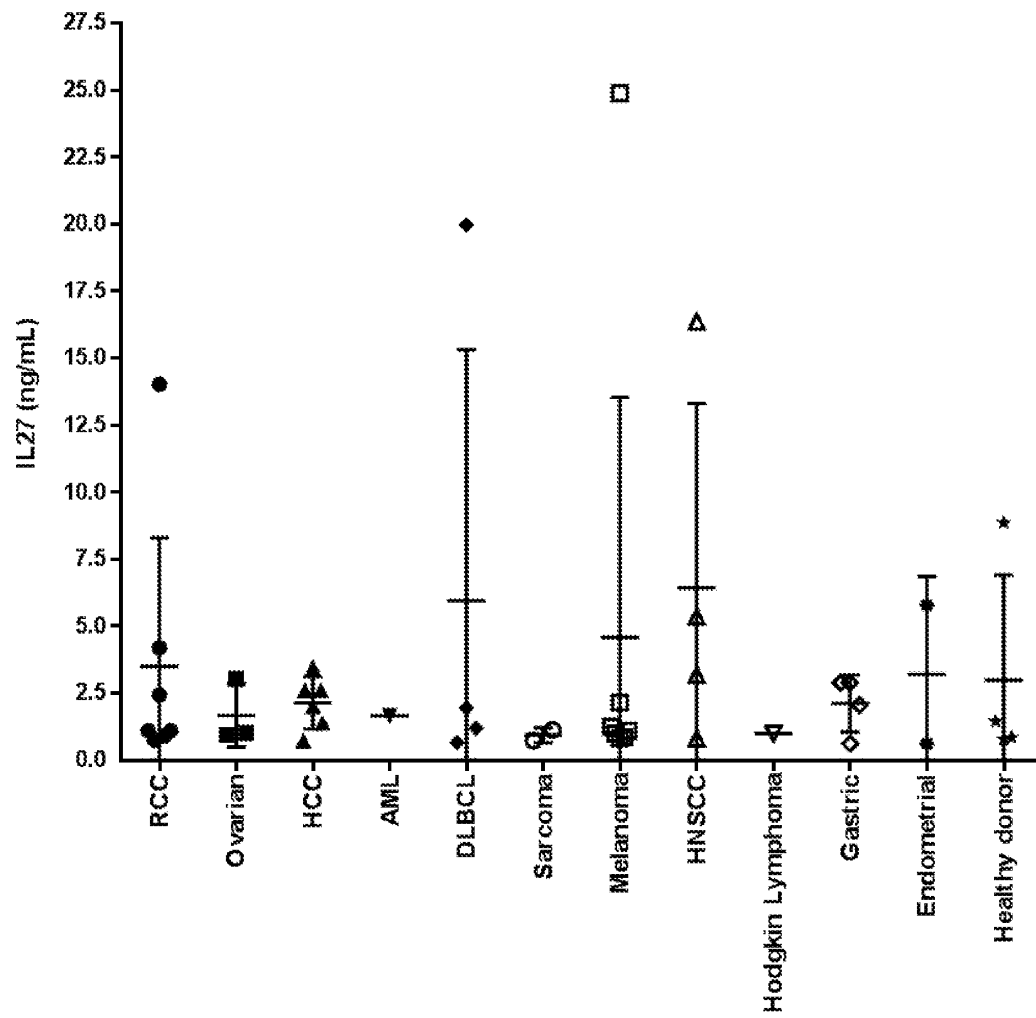


FIG. 12D

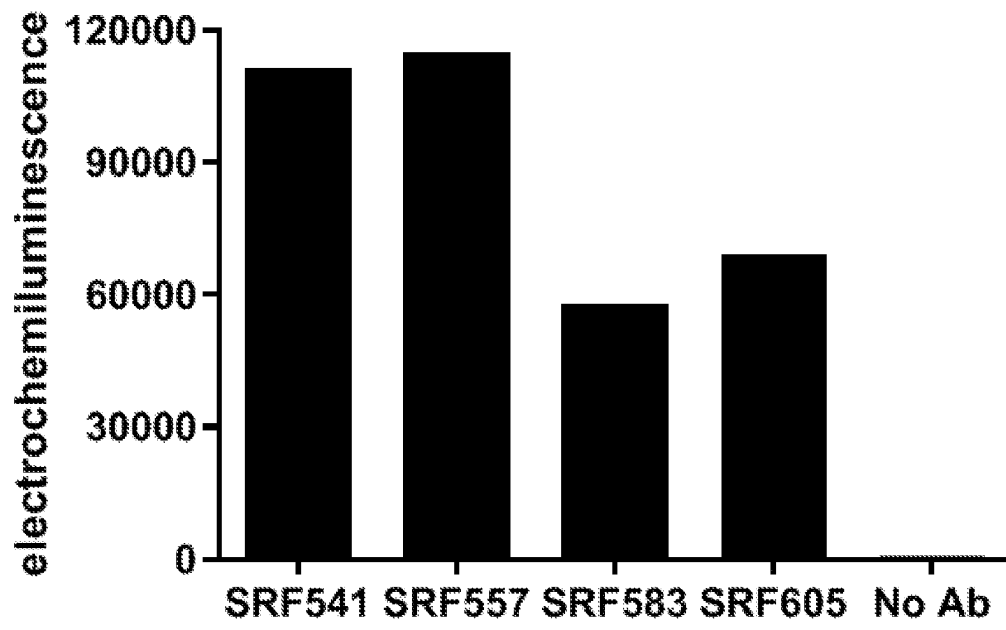


FIG. 12E

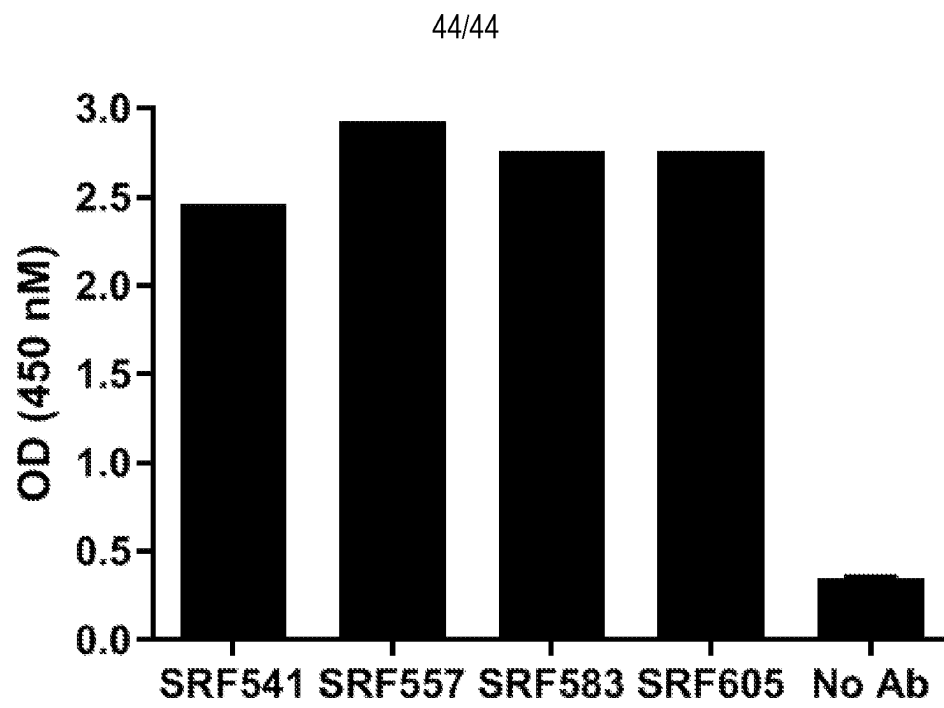


FIG. 12F