

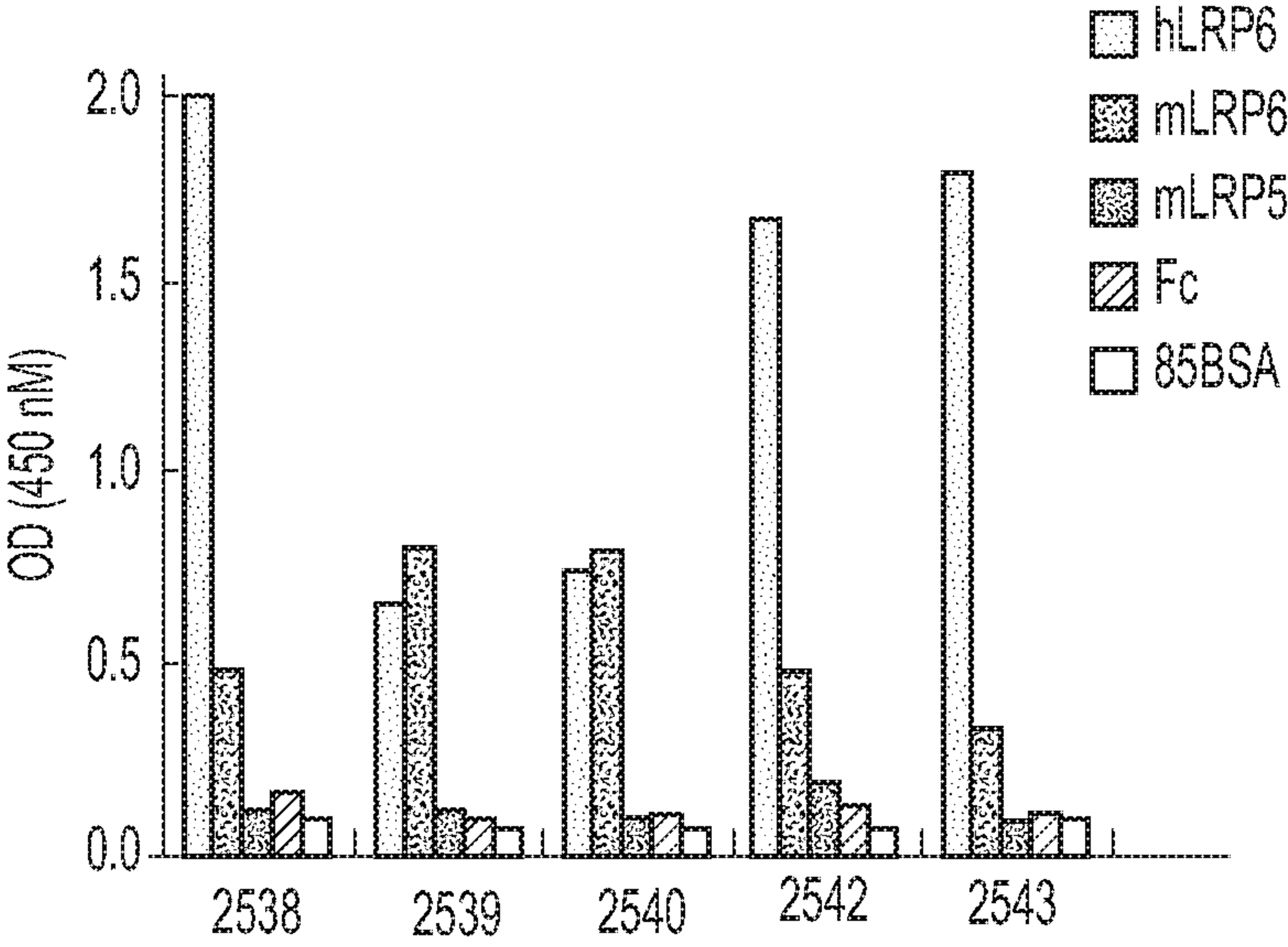


FIG. 1A

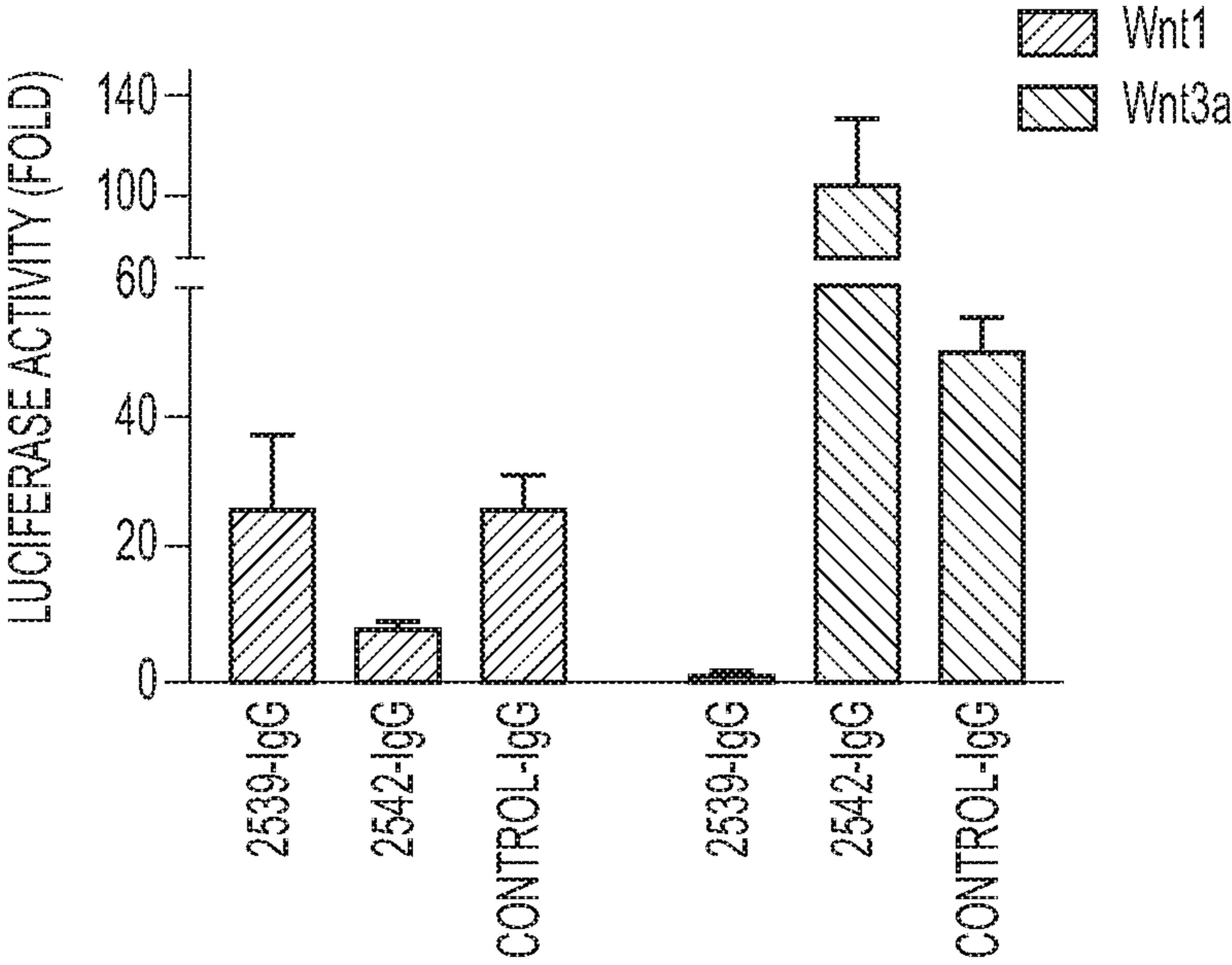


FIG. 1B

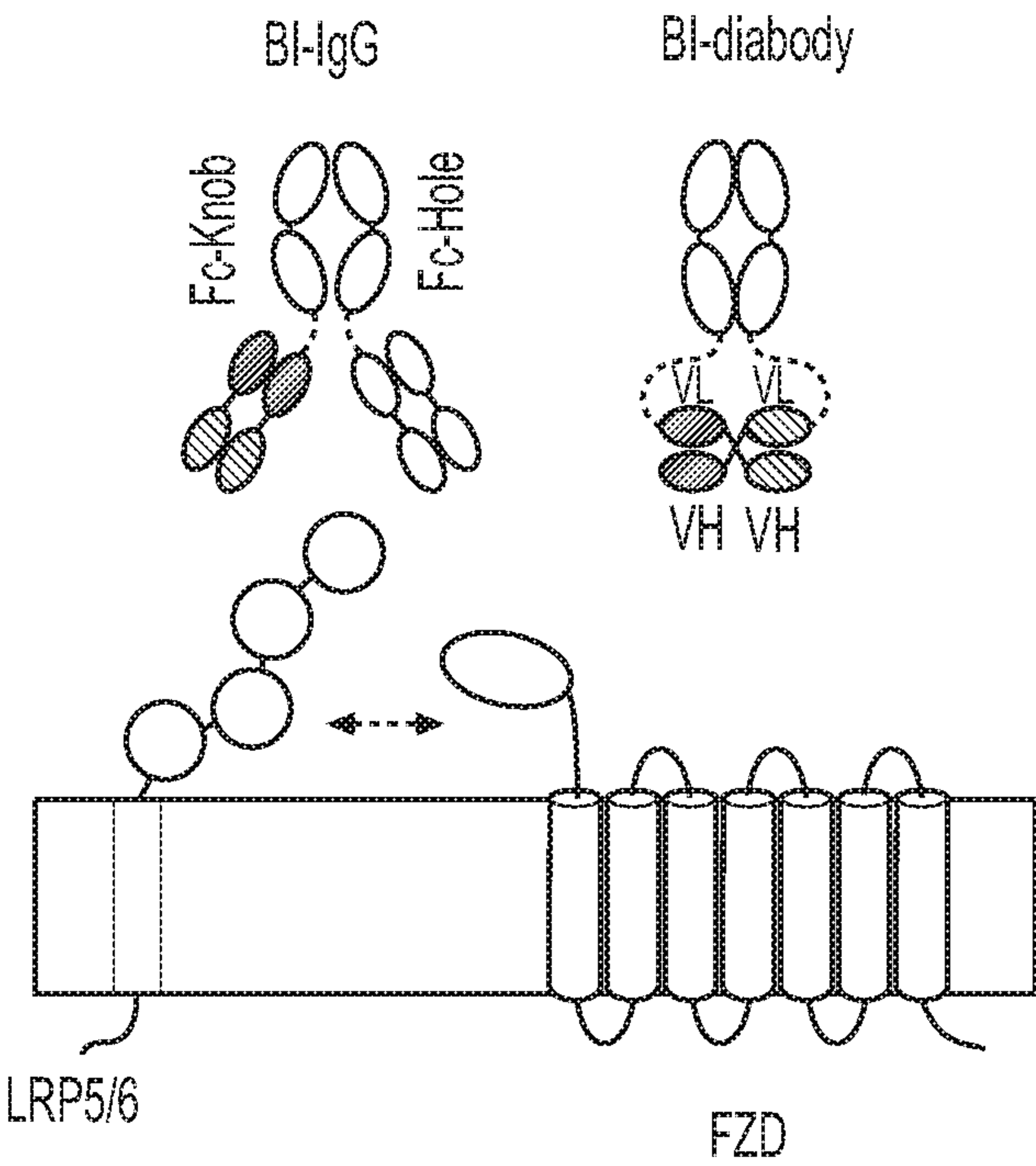


FIG. 2A

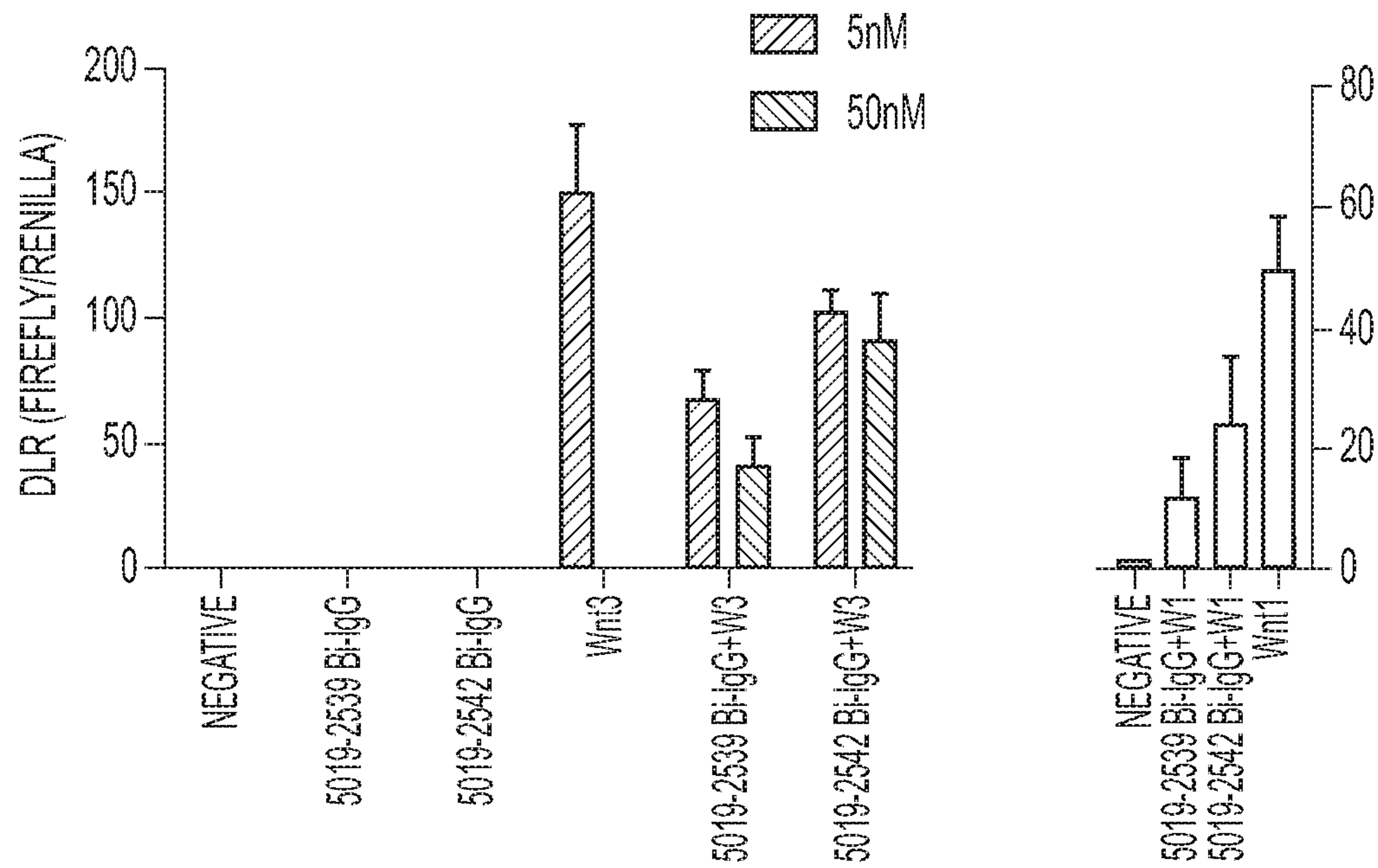


FIG. 2B

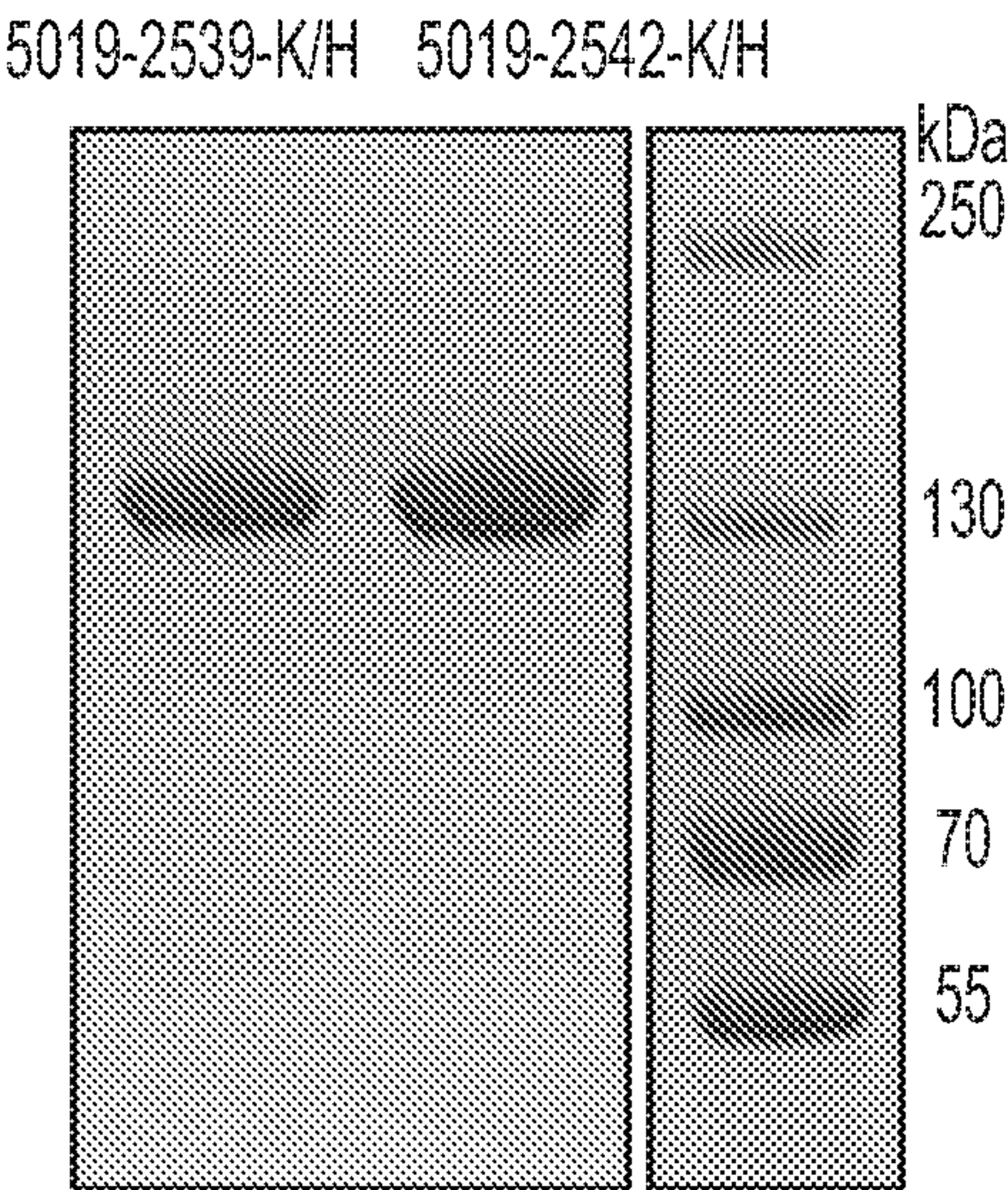


FIG. 2C

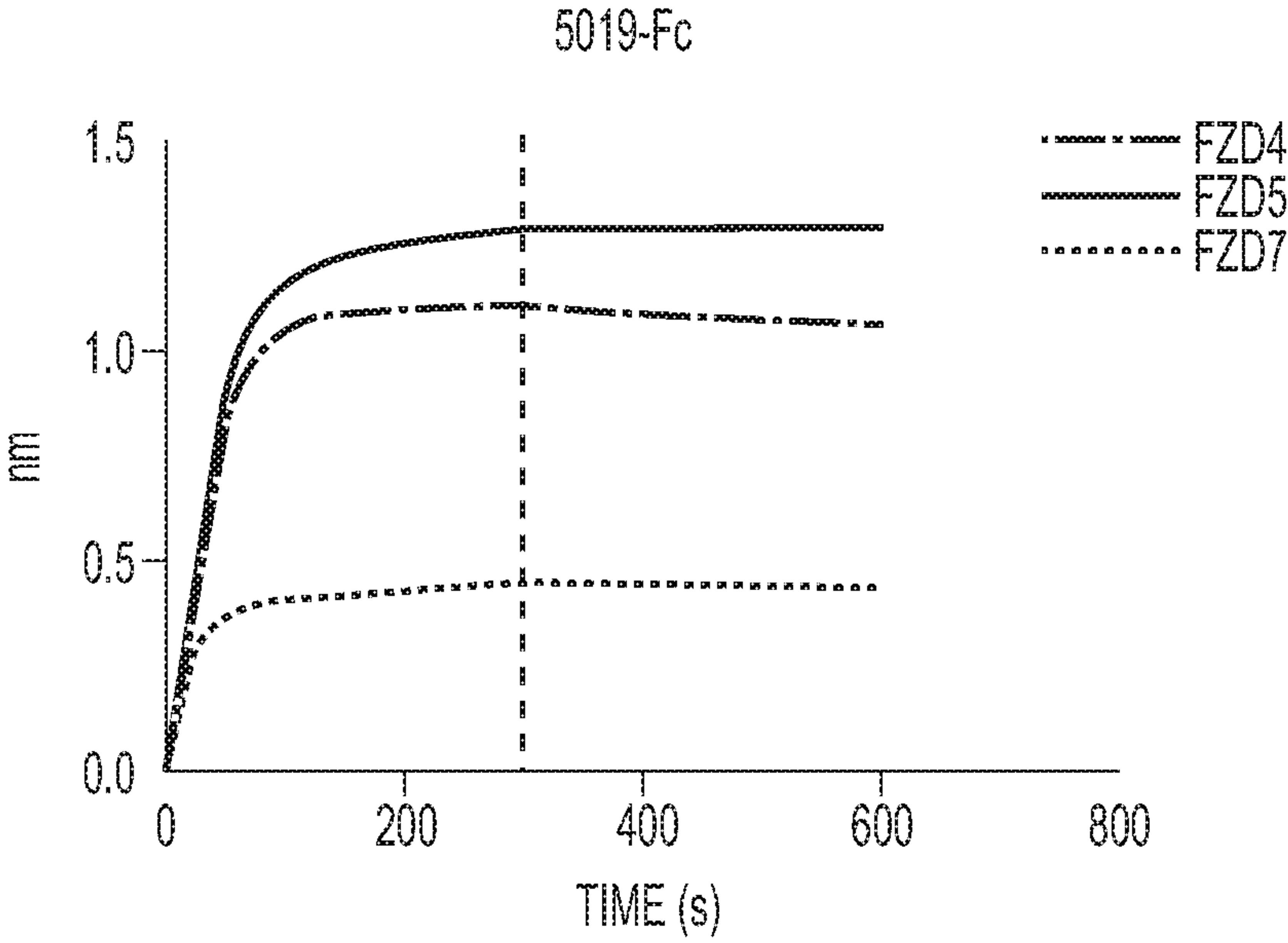


FIG. 2D

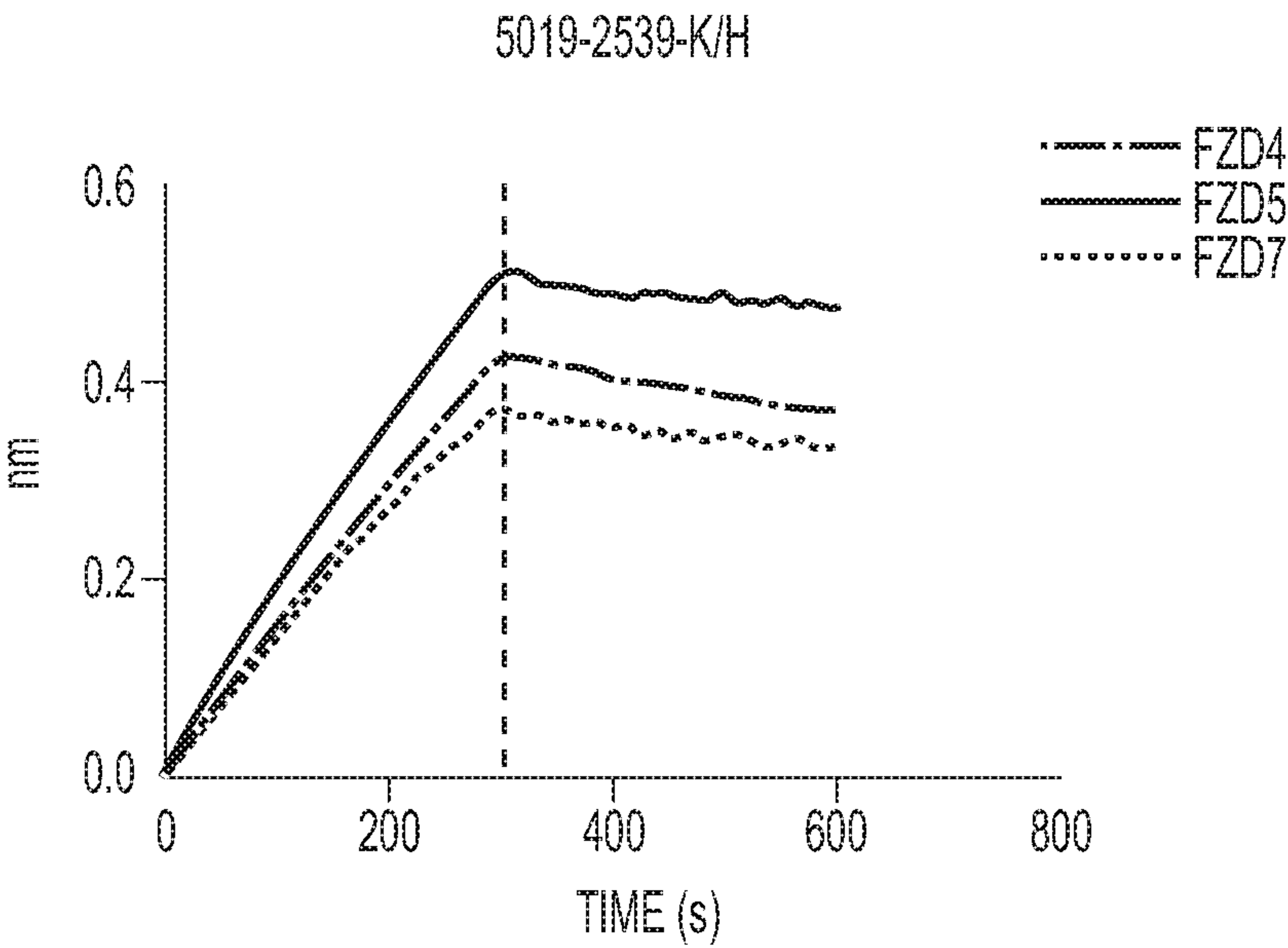


FIG. 2E

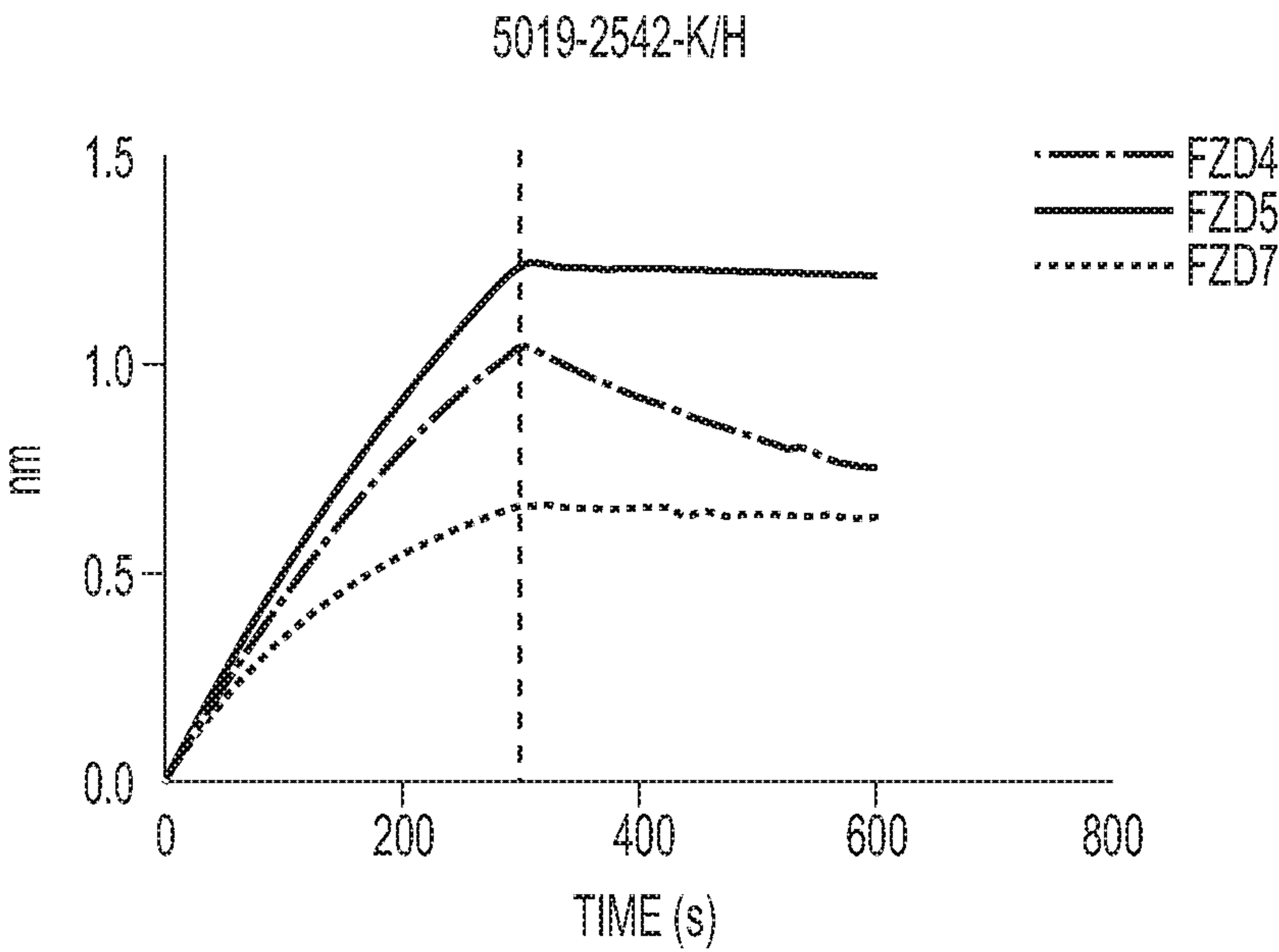


FIG. 2F

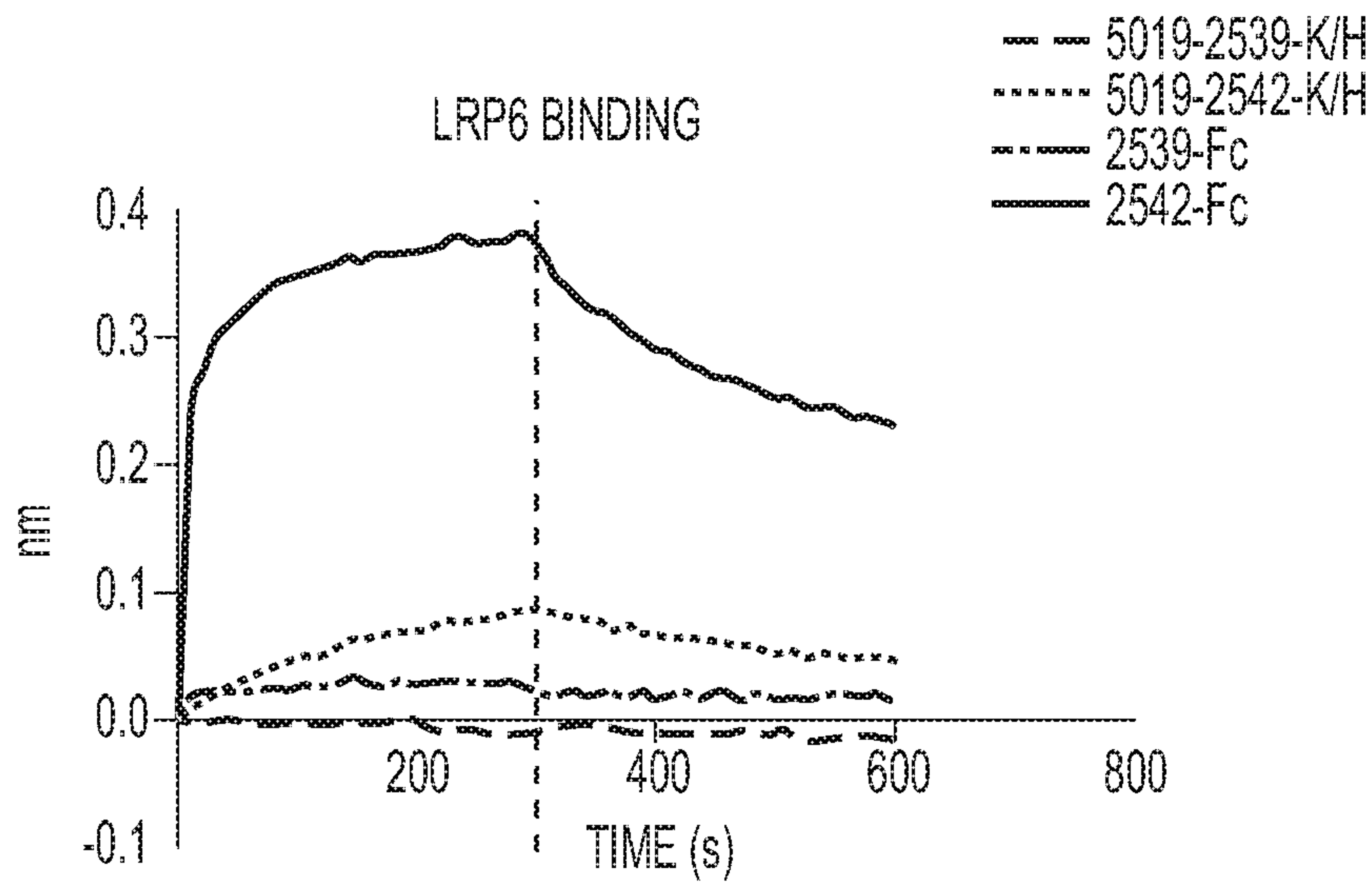


FIG. 2G

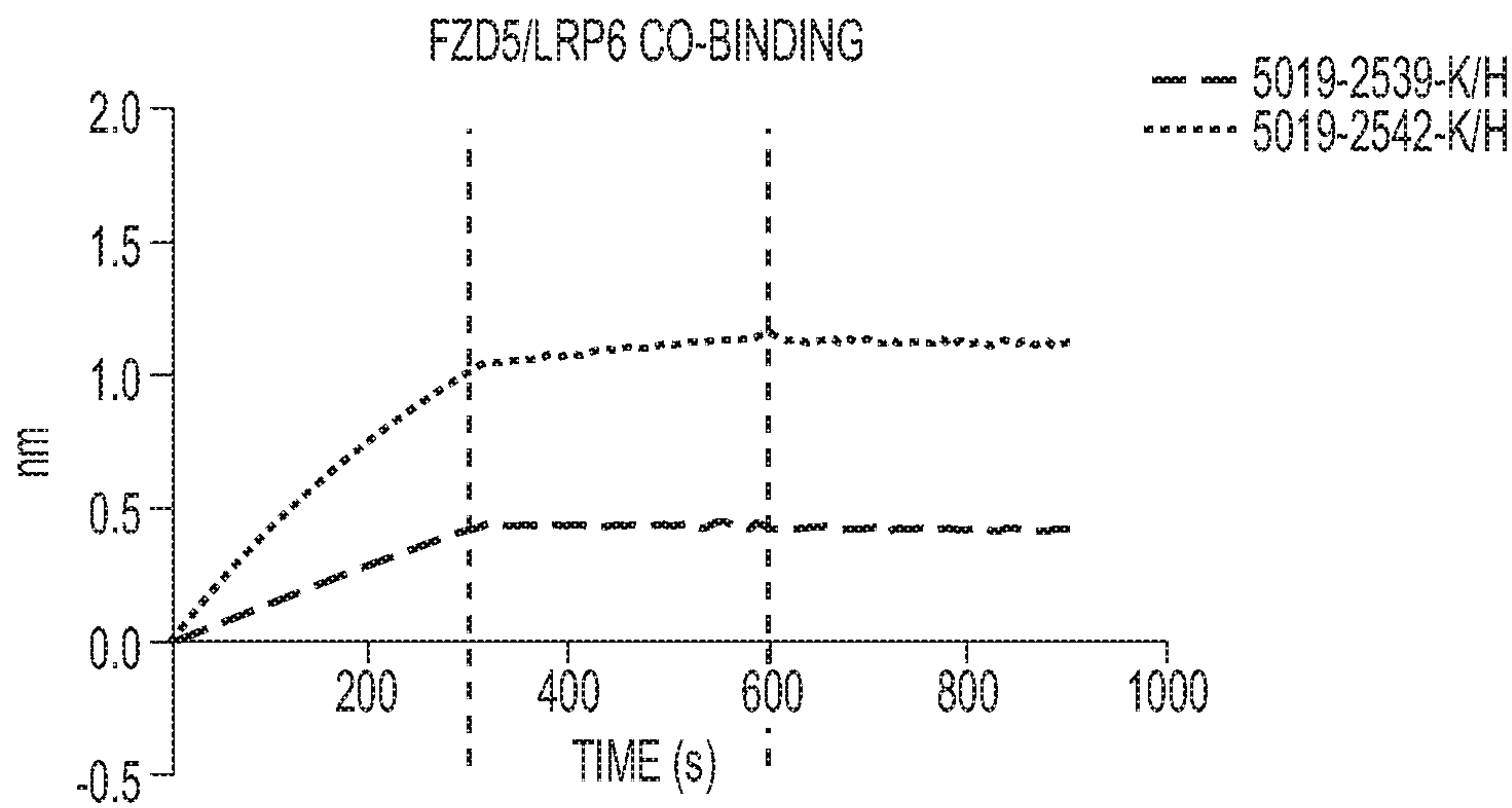


FIG. 2H

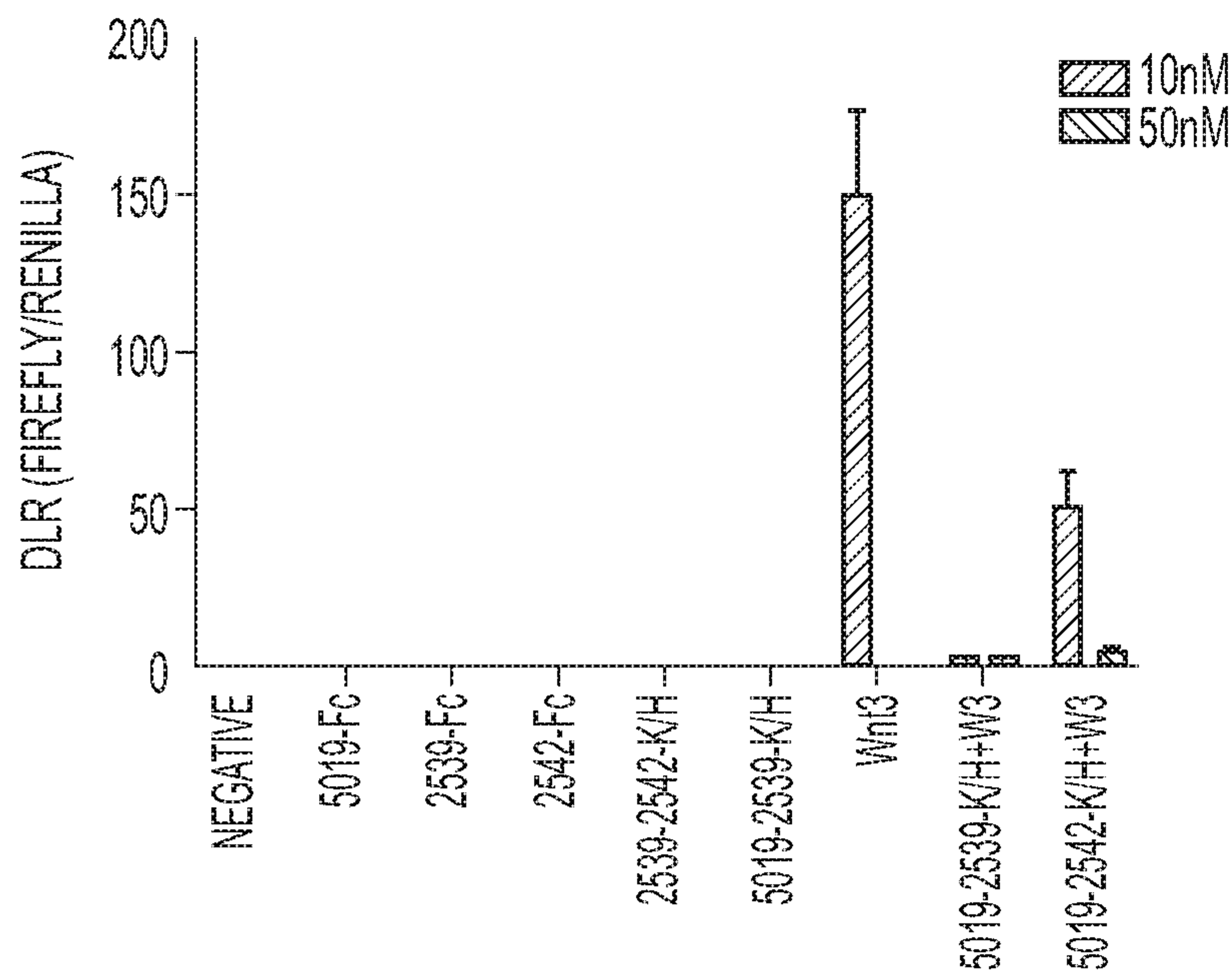


FIG. 2I

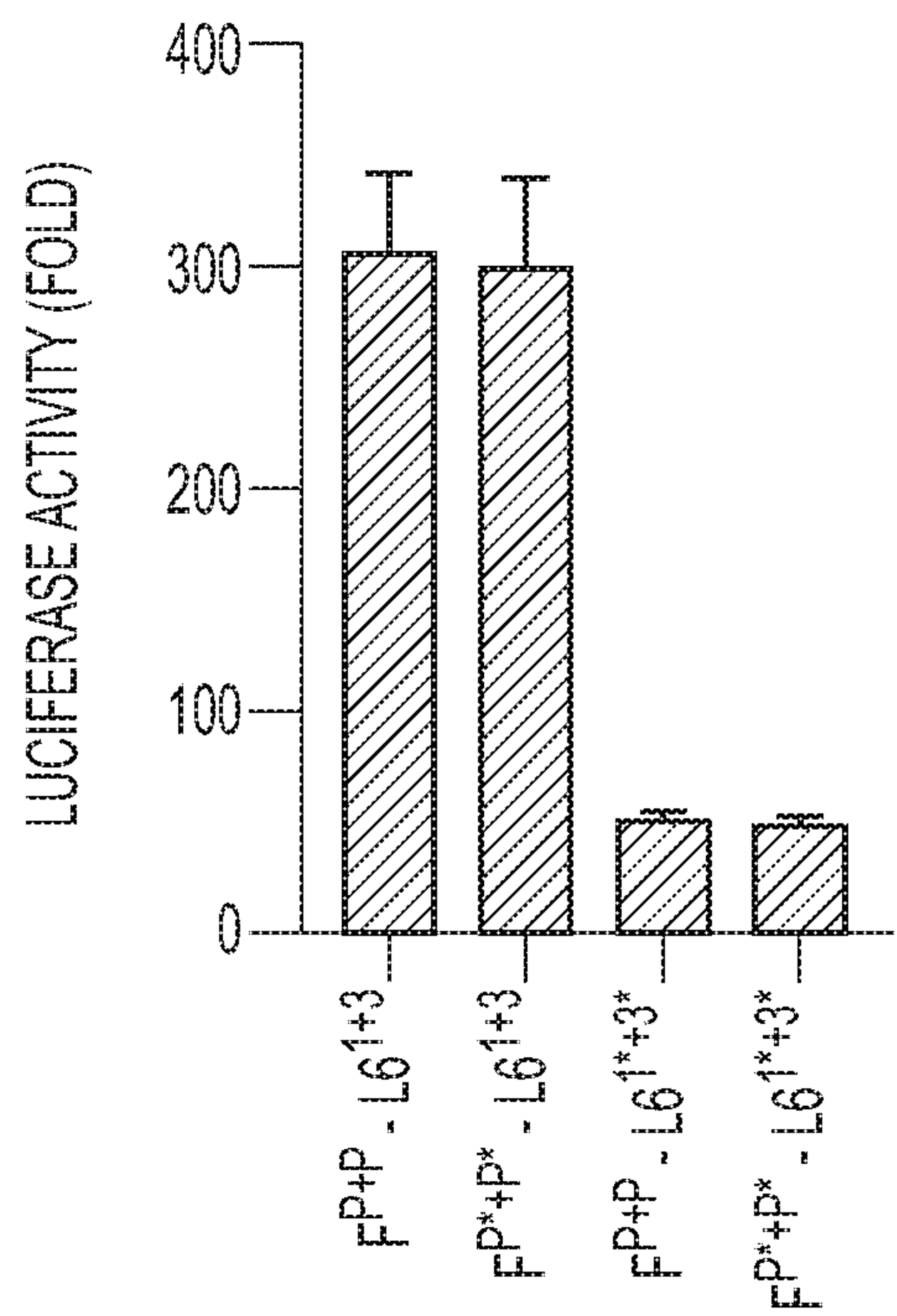


FIG. 2J

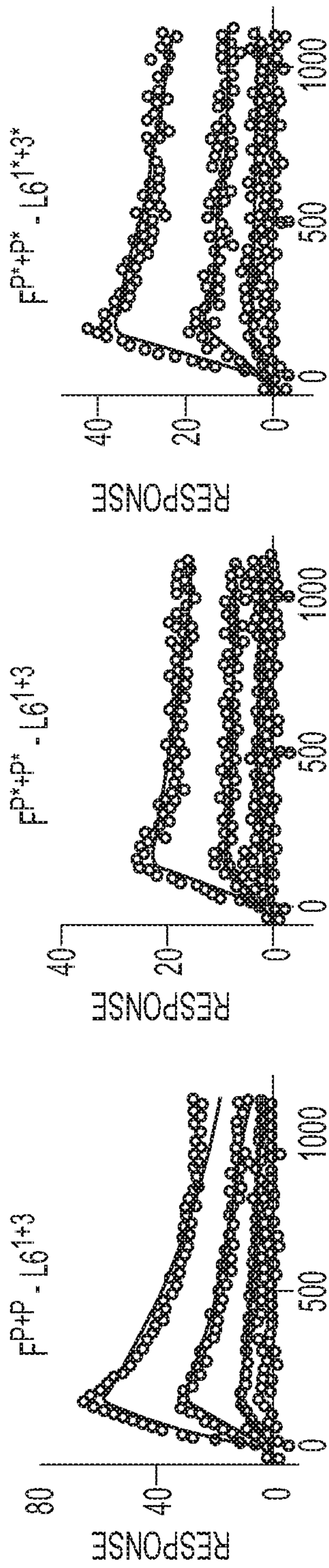


FIG. 2K

FLAG	FZD1 -Fc	FZD2 -Fc	FZD4 -Fc	FZD5 -Fc	FZD6 -Fc	FZD7 -Fc	FZD8 -Fc	FZD9 -Fc	FZD10 -Fc	LRP6
$F^{P+P} - L6^{1+3}$	$<1.0 \times 10^{-11}$	3.9×10^{-11}	8.0×10^{-10}	1.5×10^{-11}	X	5.7×10^{-11}	6.9×10^{-11}	X	X	1.2×10^{-8}
$F^{P+P*} - L6^{1+3}$	9.0×10^{-11}	8.4×10^{-11}	1.1×10^{-9}	2.8×10^{-11}	X	2.7×10^{-11}	5.9×10^{-11}	X	X	8.2×10^{-9}
$F^{P+P*} - L6^{1+3*}$	1.3×10^{-10}	1.5×10^{-10}	9.3×10^{-10}	4.1×10^{-11}	X	1.0×10^{-10}	5.8×10^{-11}	X	X	9.7×10^{-9}

FIG. 2L

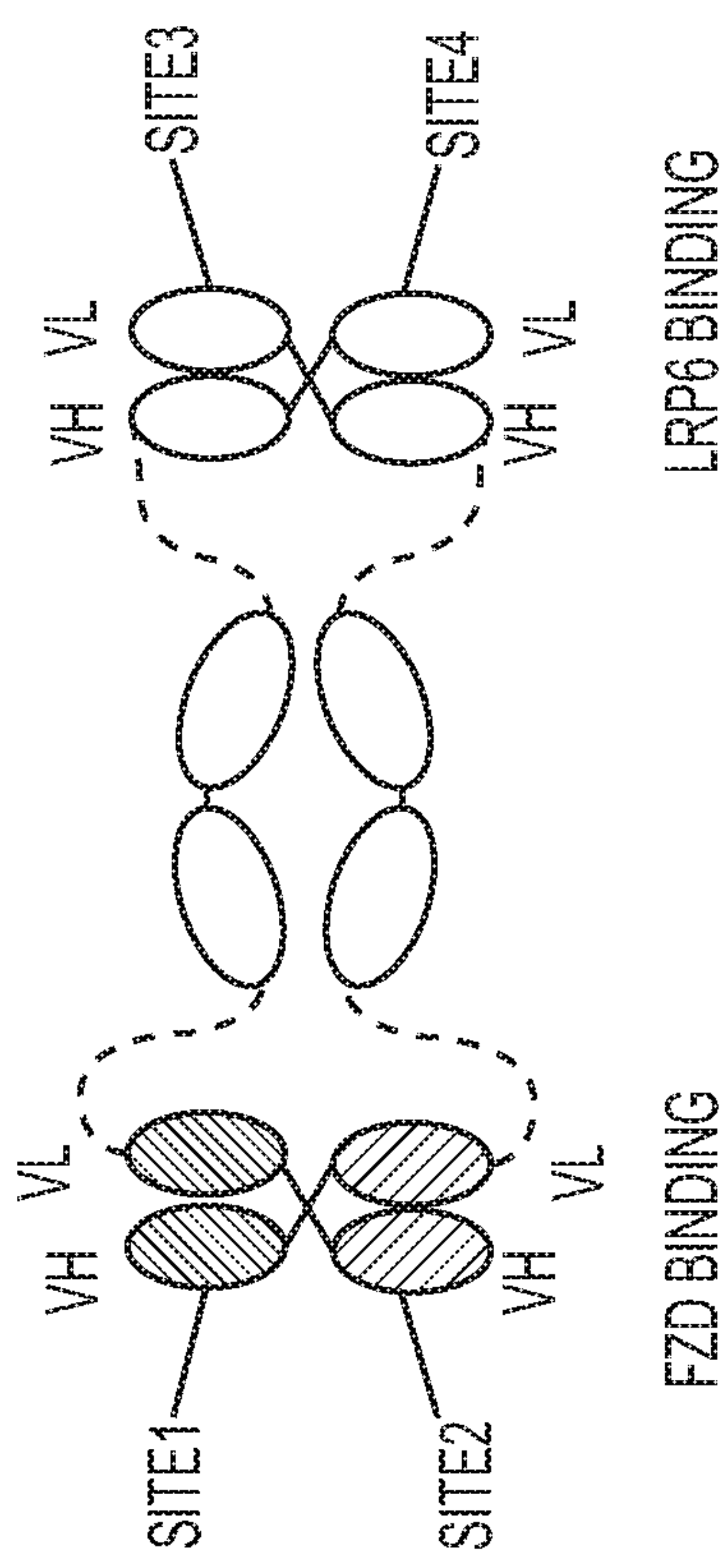


FIG. 3A

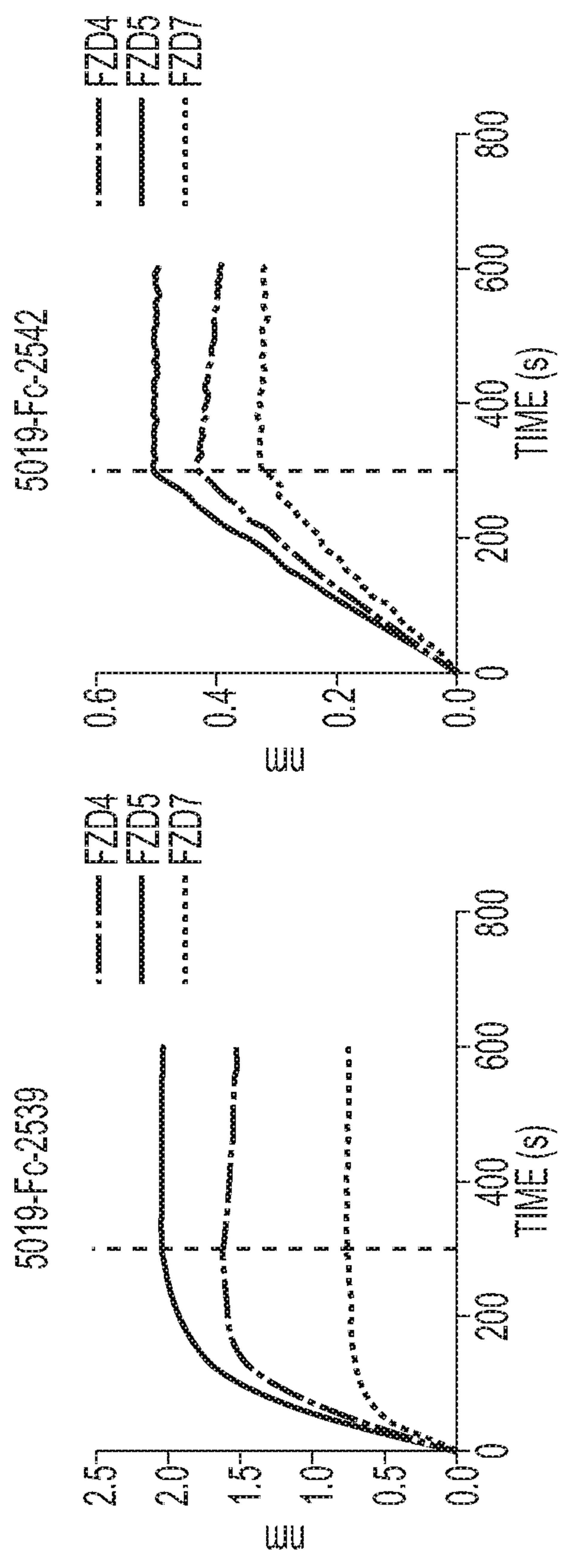
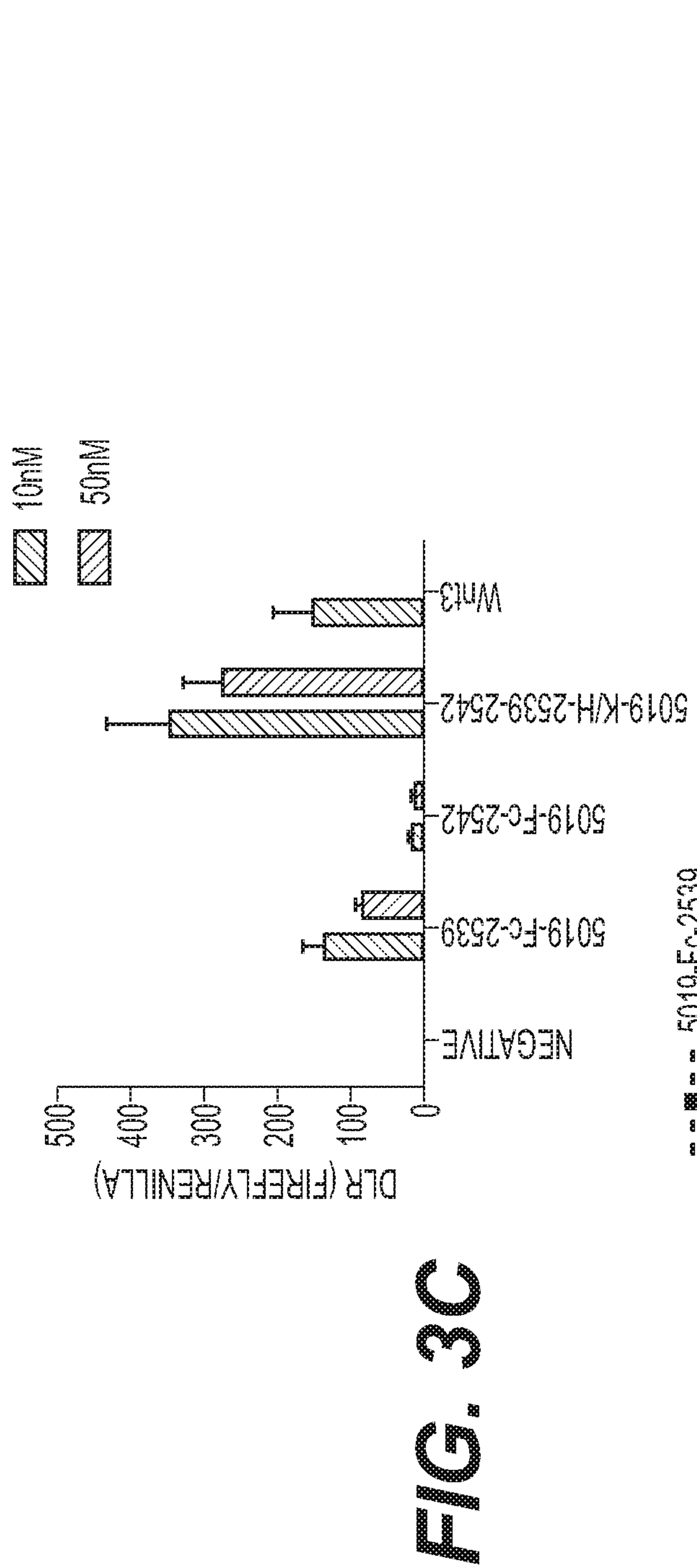
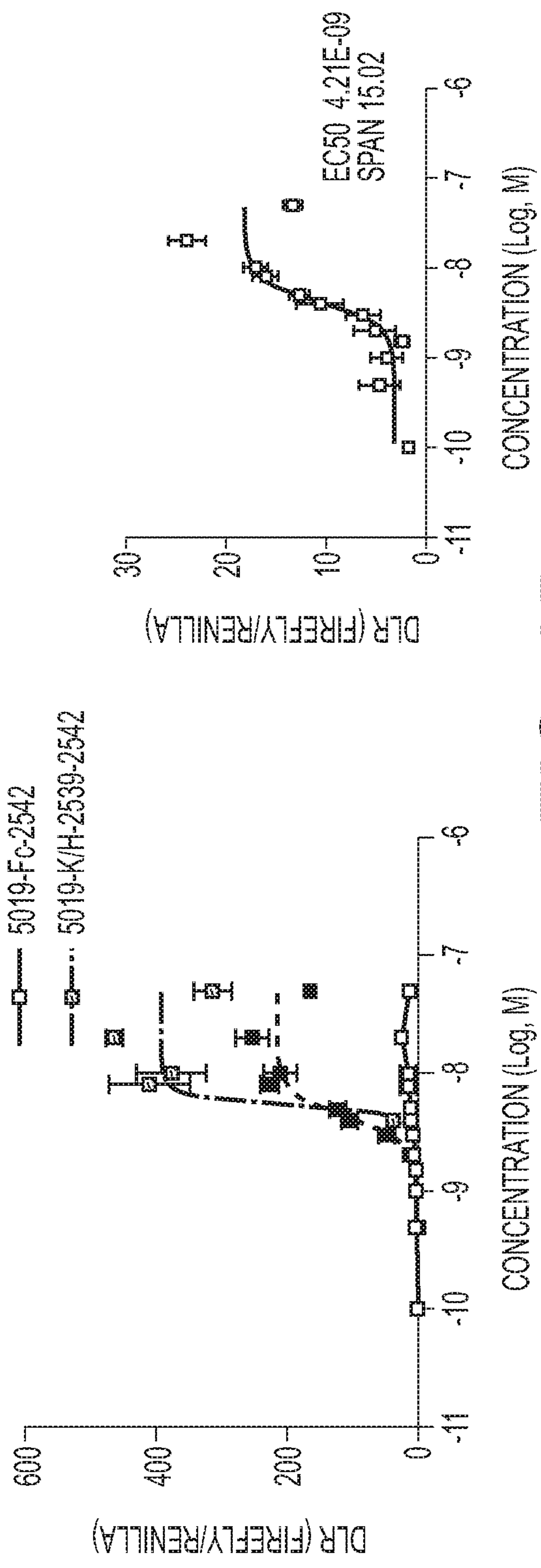


FIG. 3B



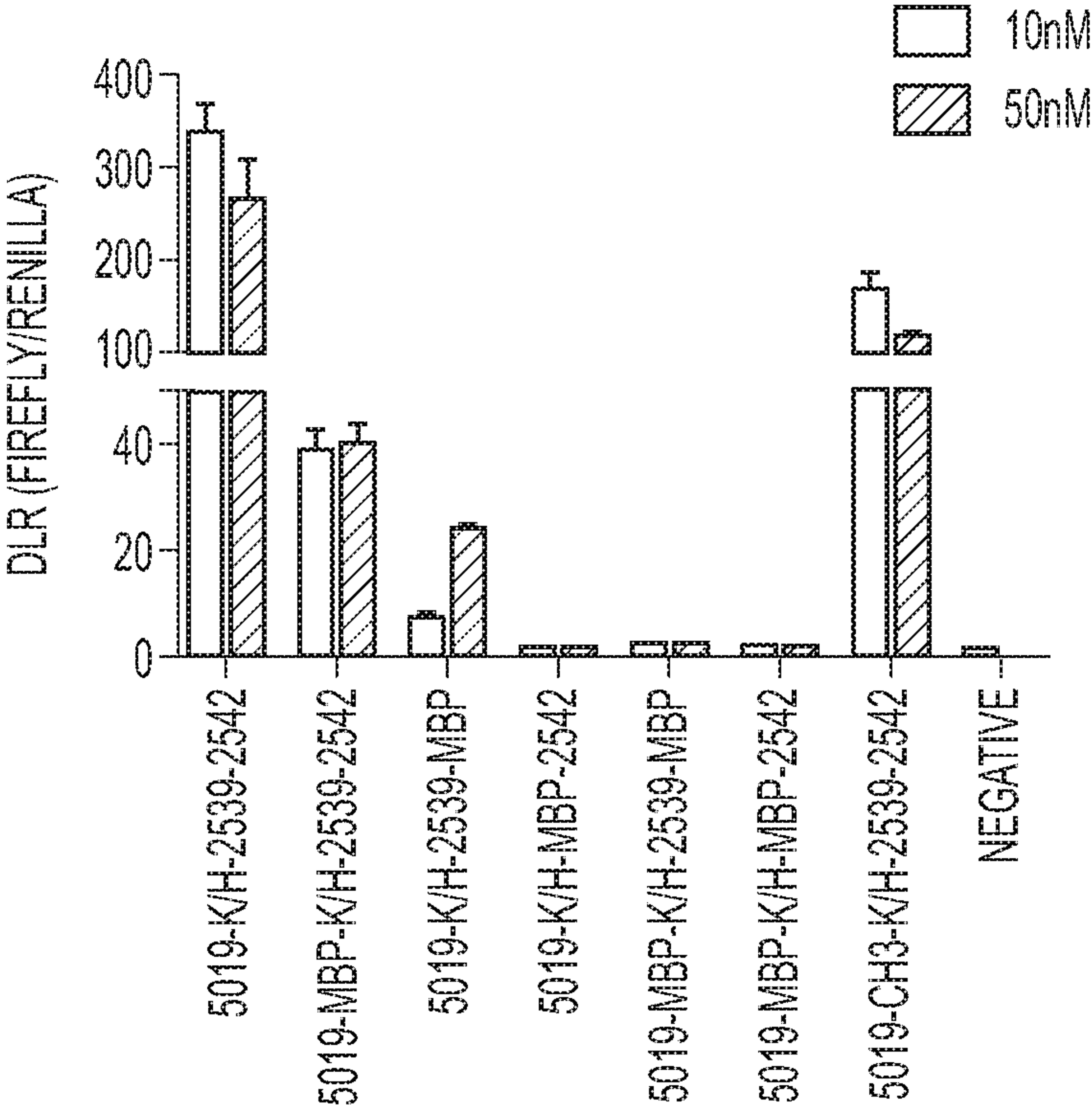


FIG. 3E

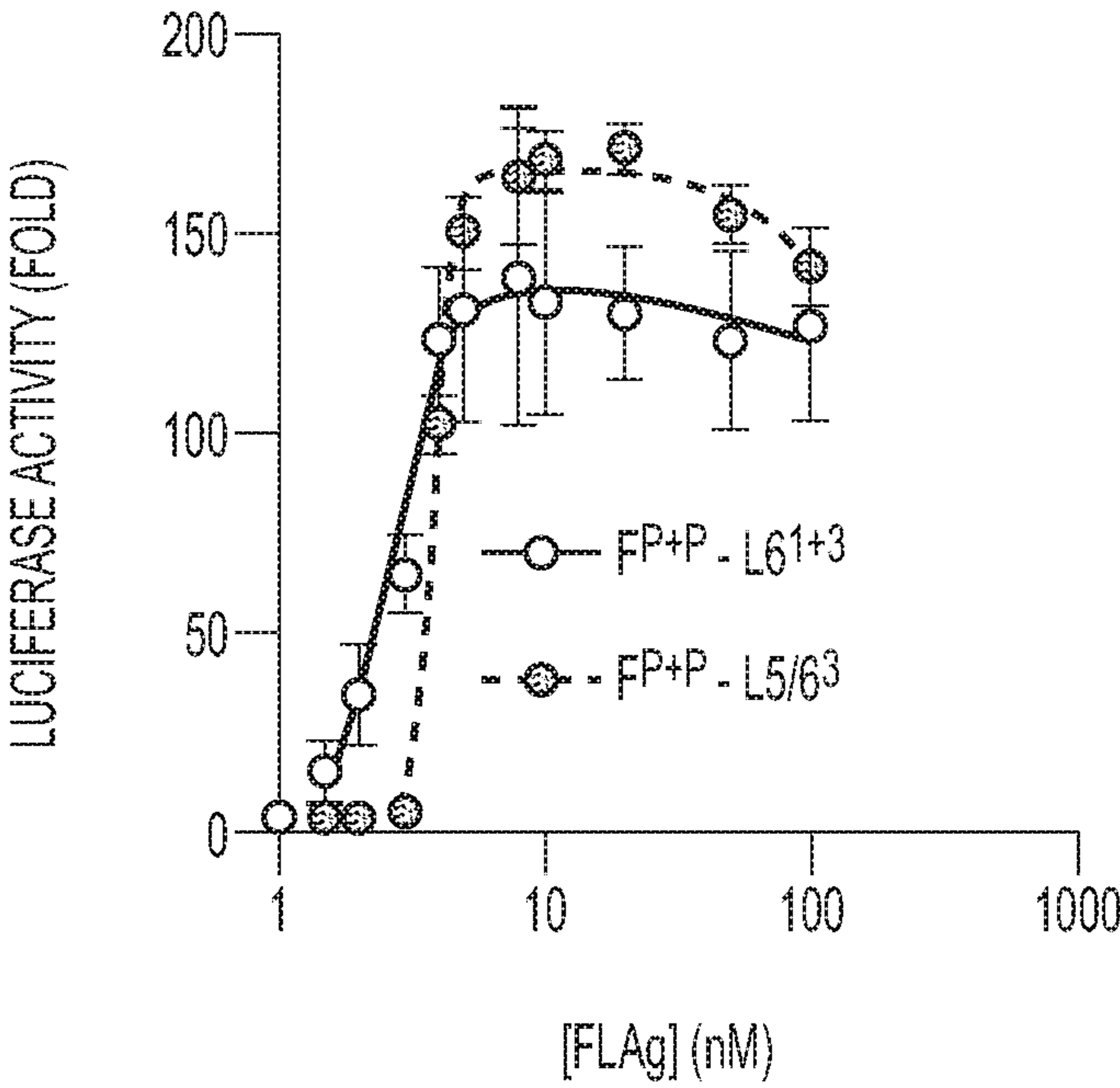


FIG. 3F

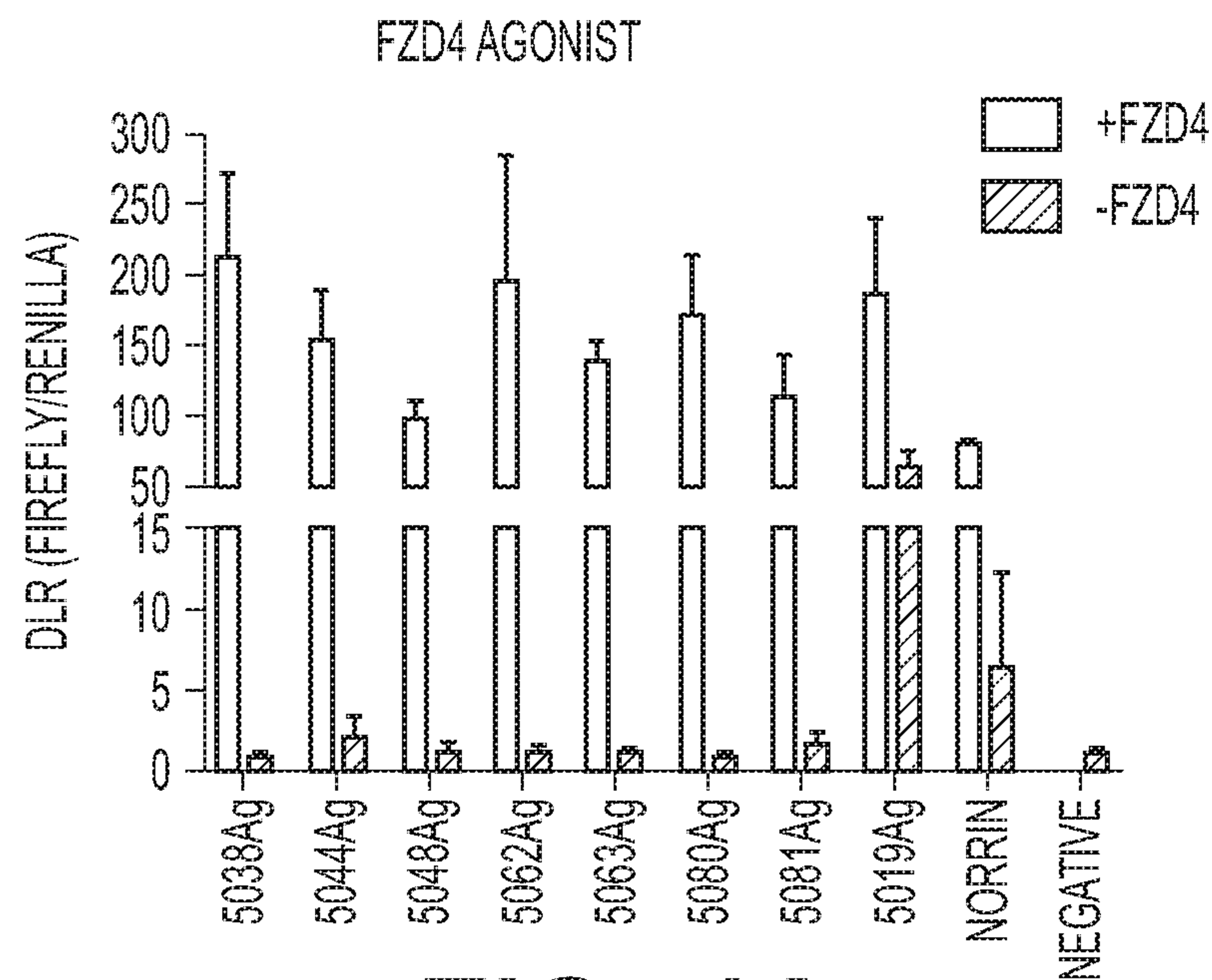


FIG. 4A

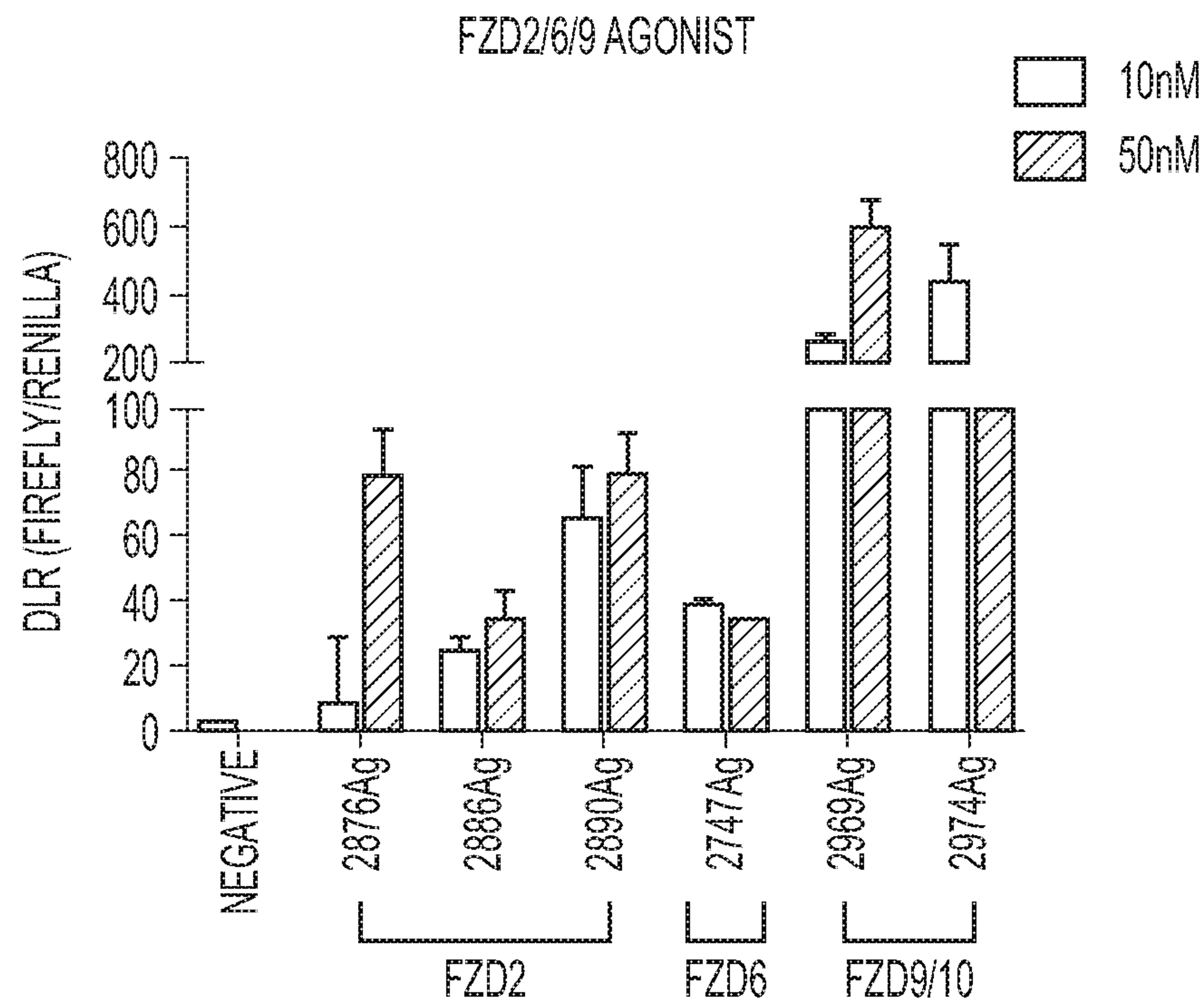


FIG. 4B

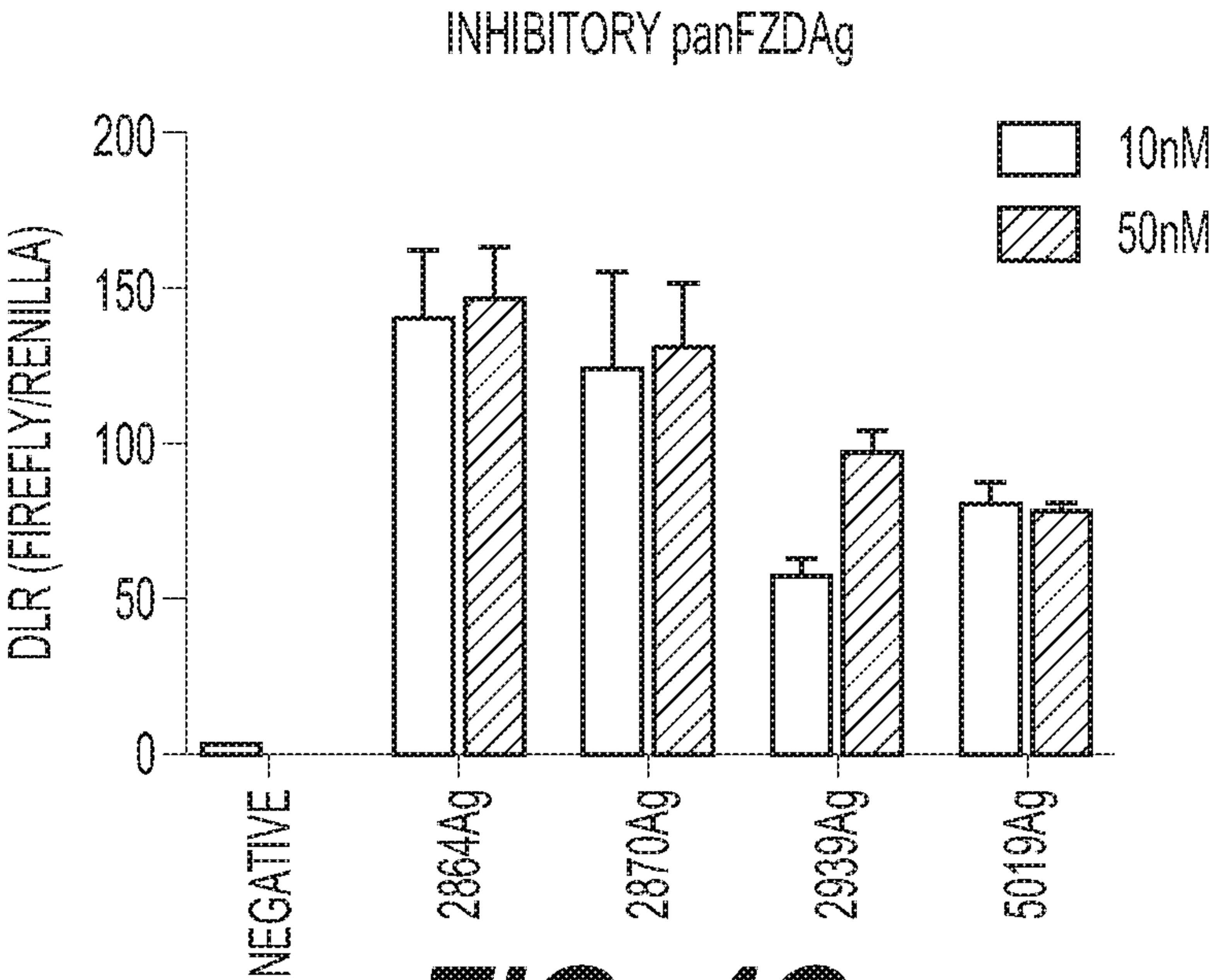


FIG. 4C

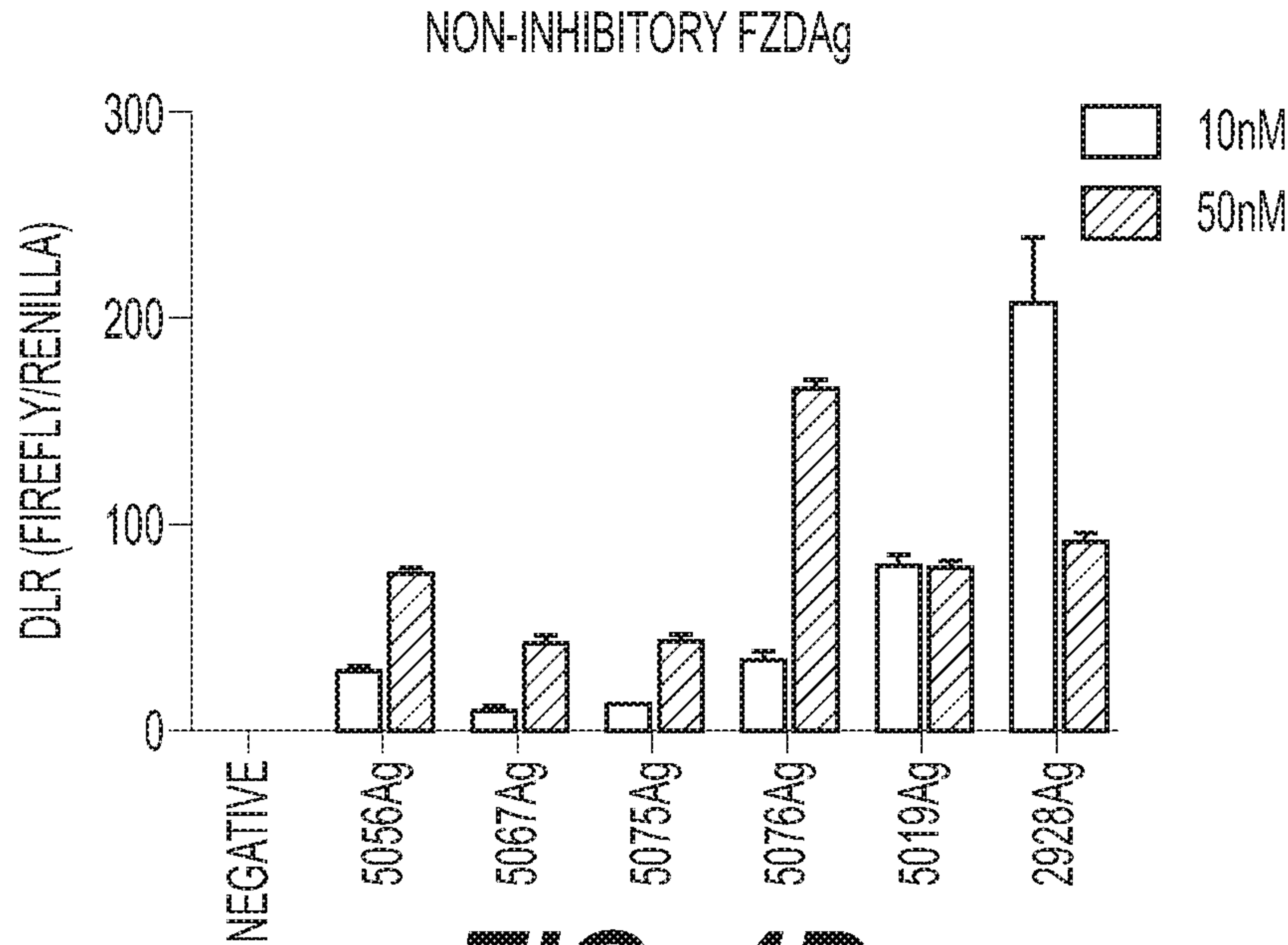


FIG. 4D

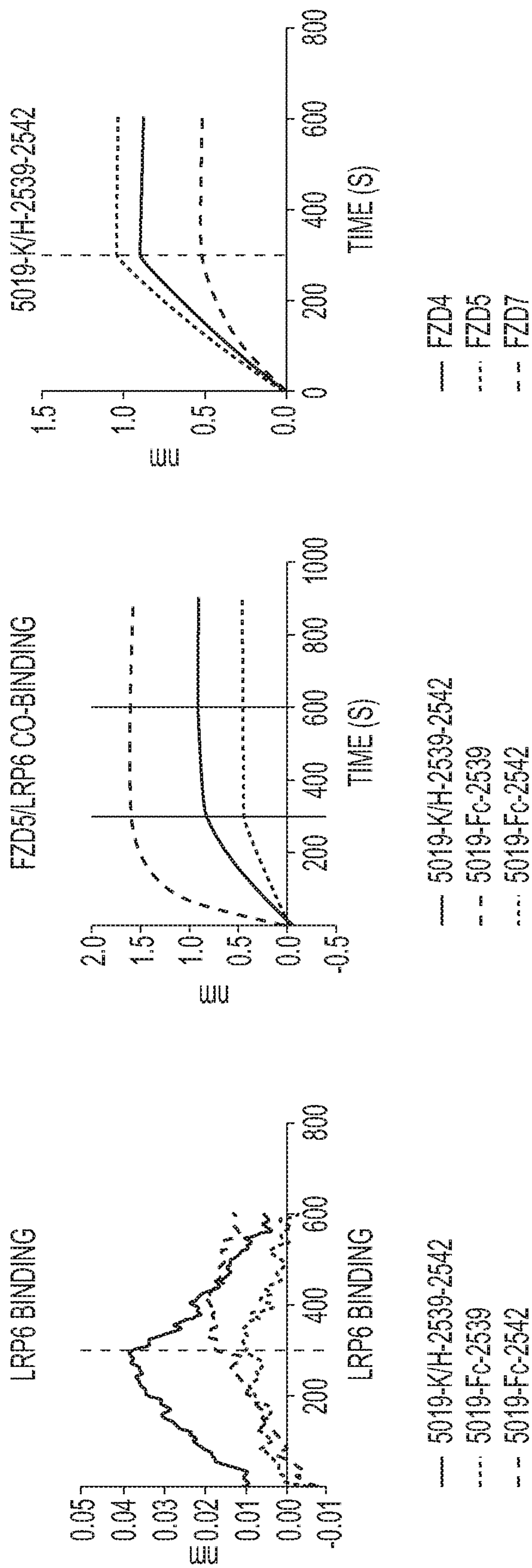


FIG. 5

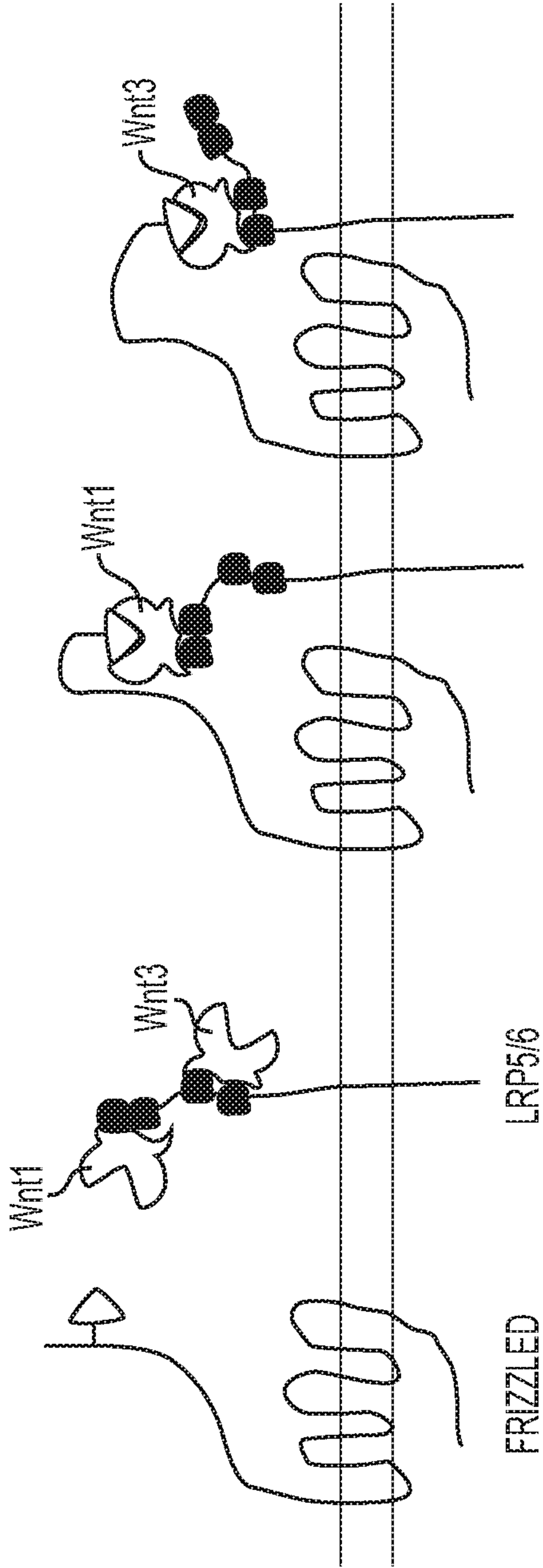


FIG. 6A

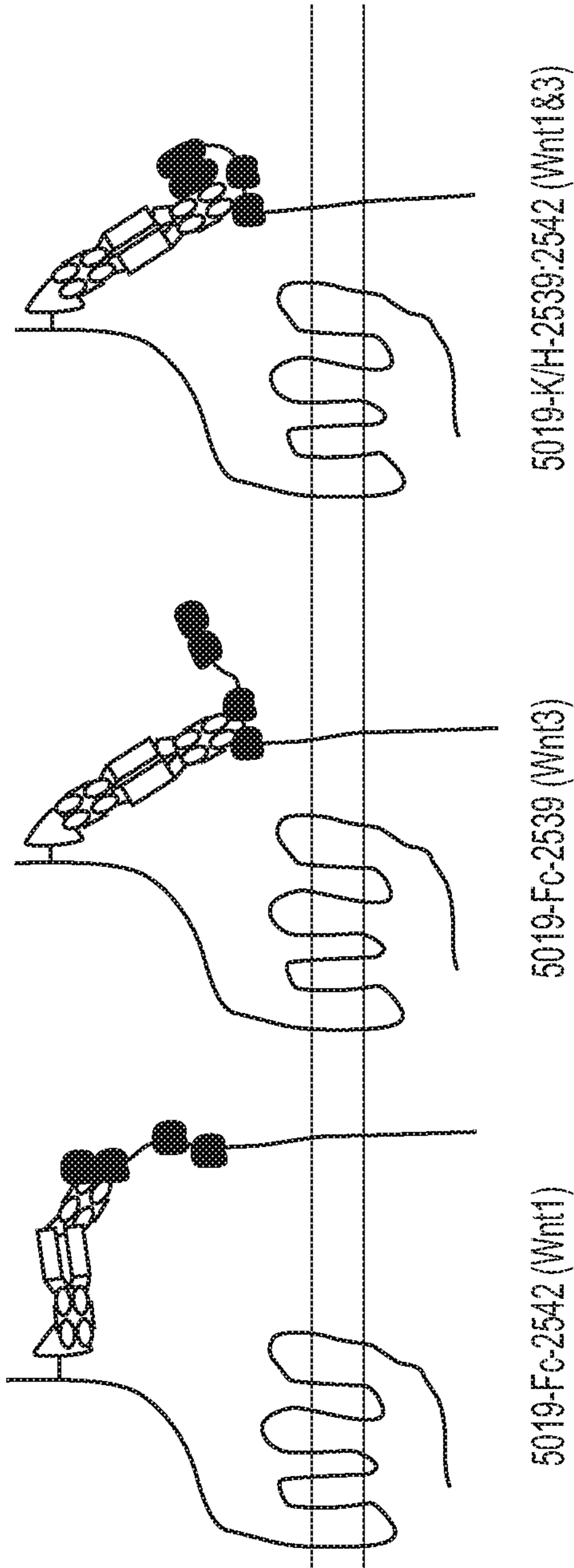


FIG. 6B

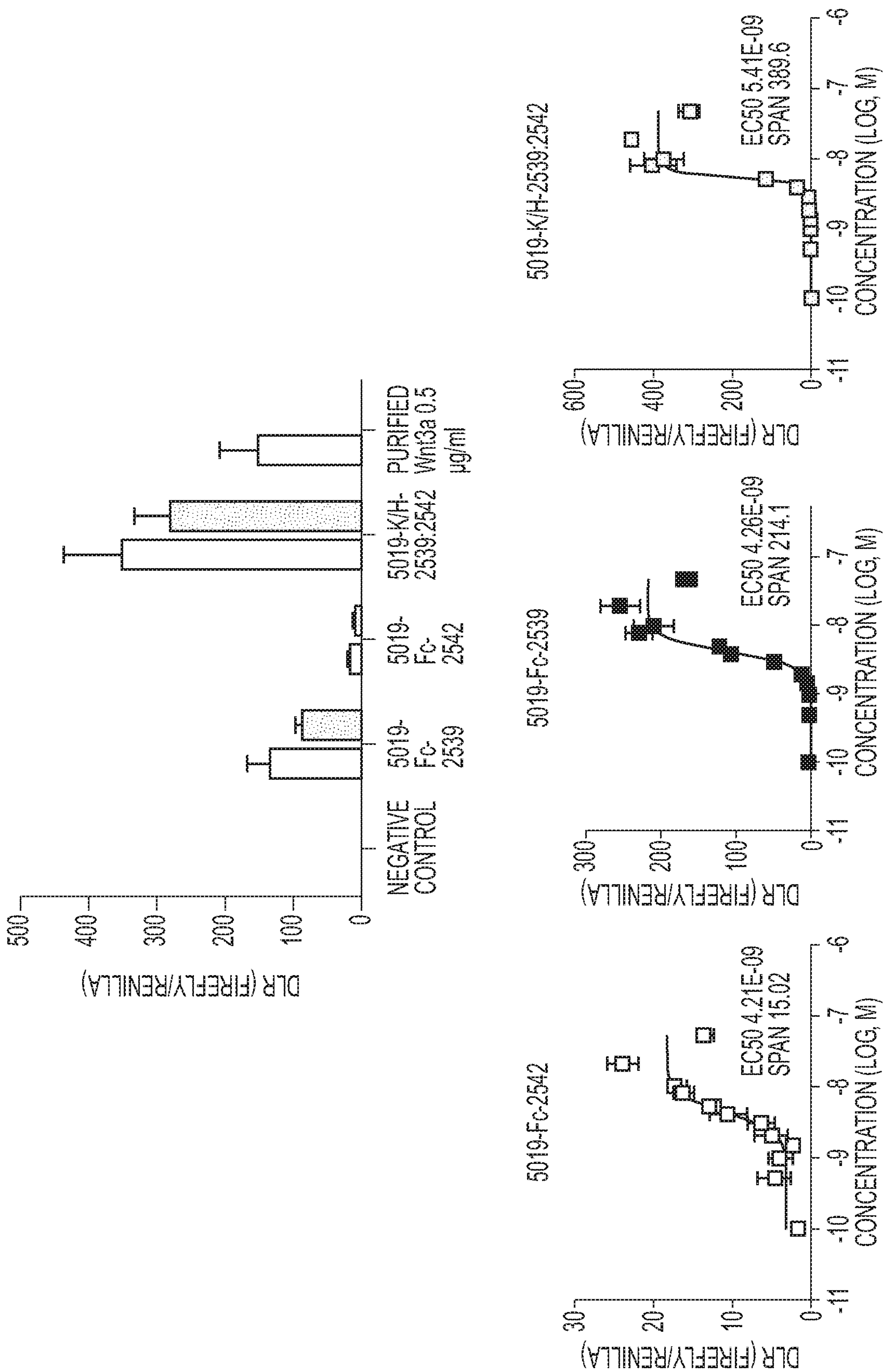


FIG. 6C

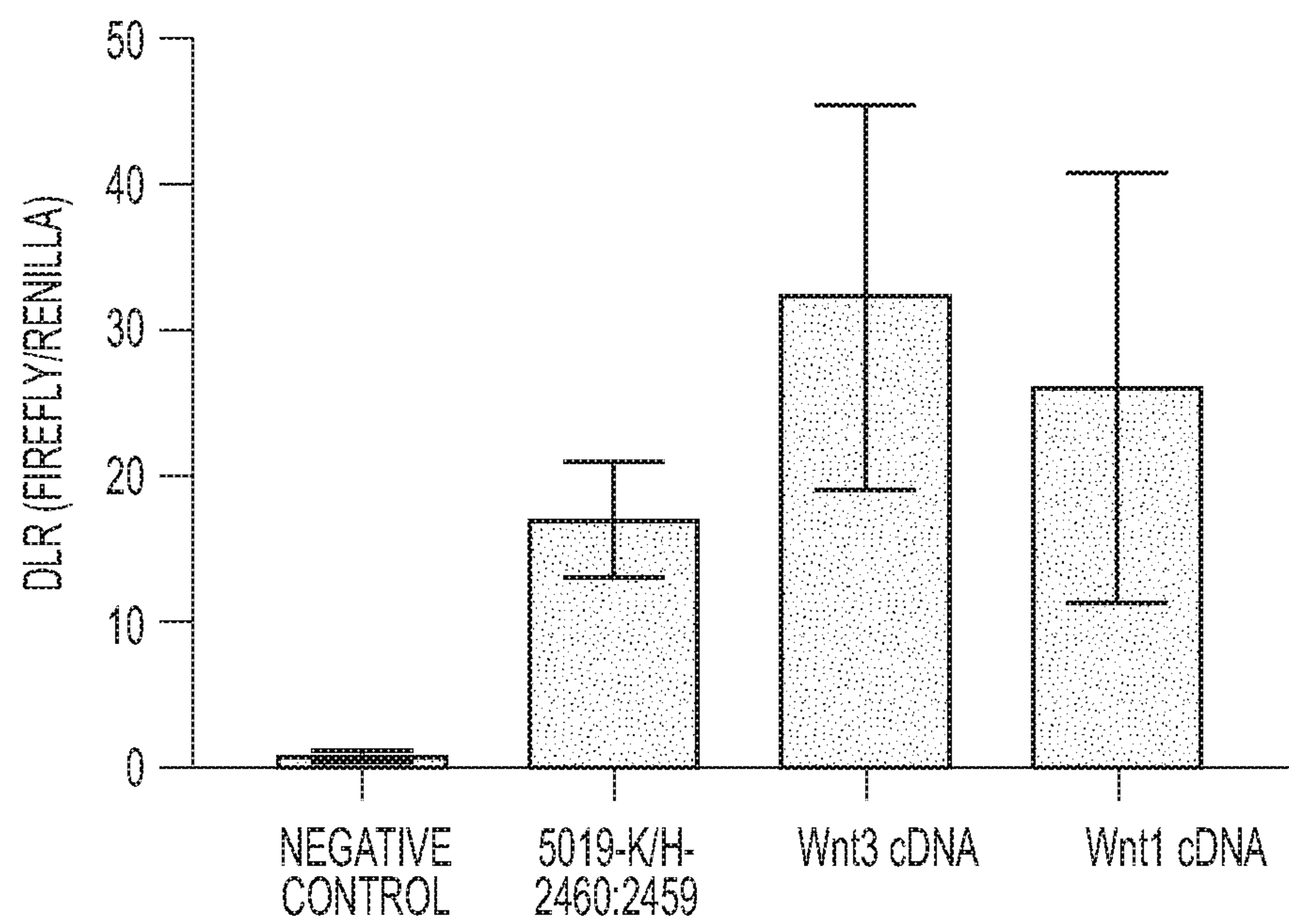


FIG. 6D

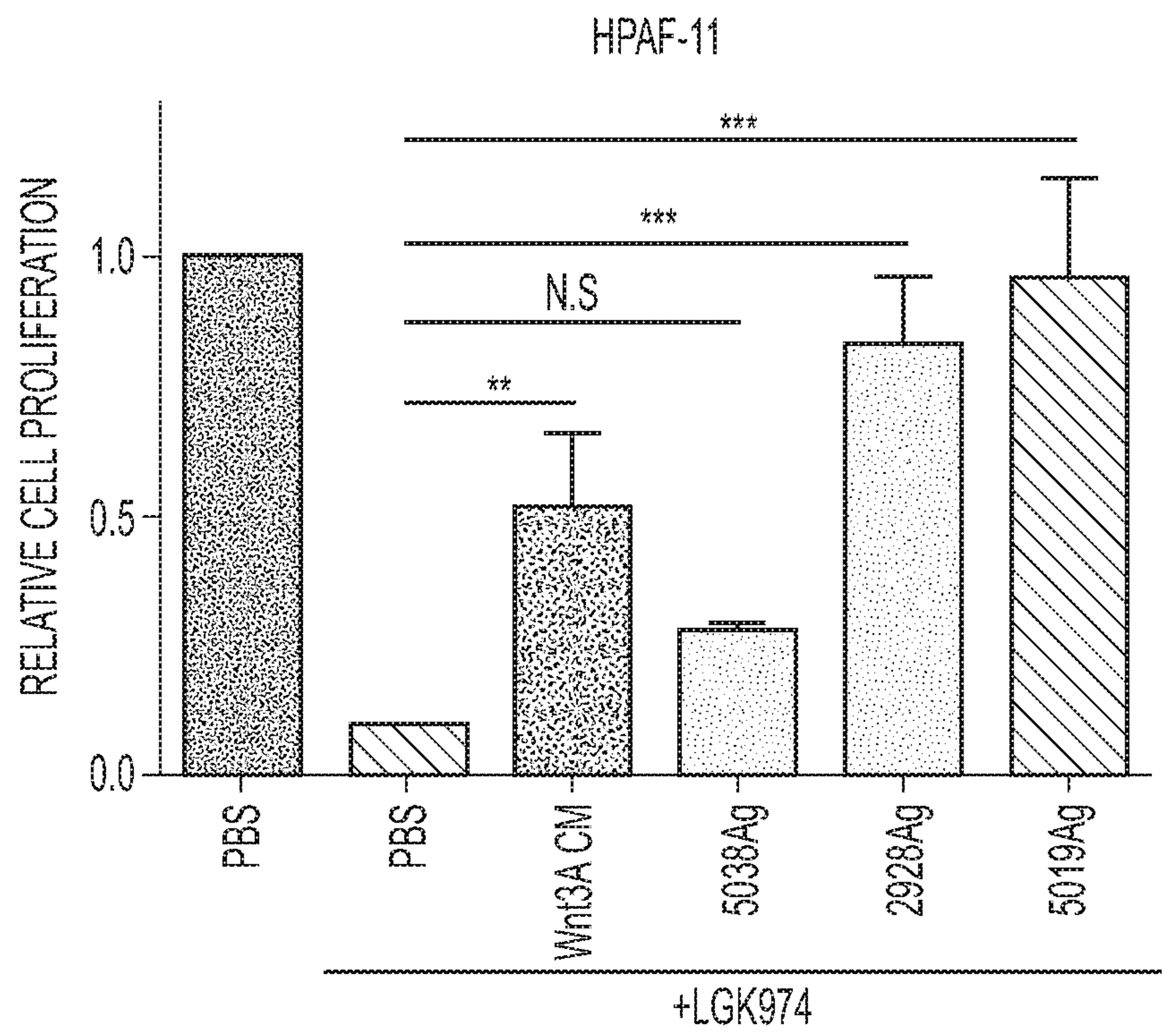


FIG. 7A

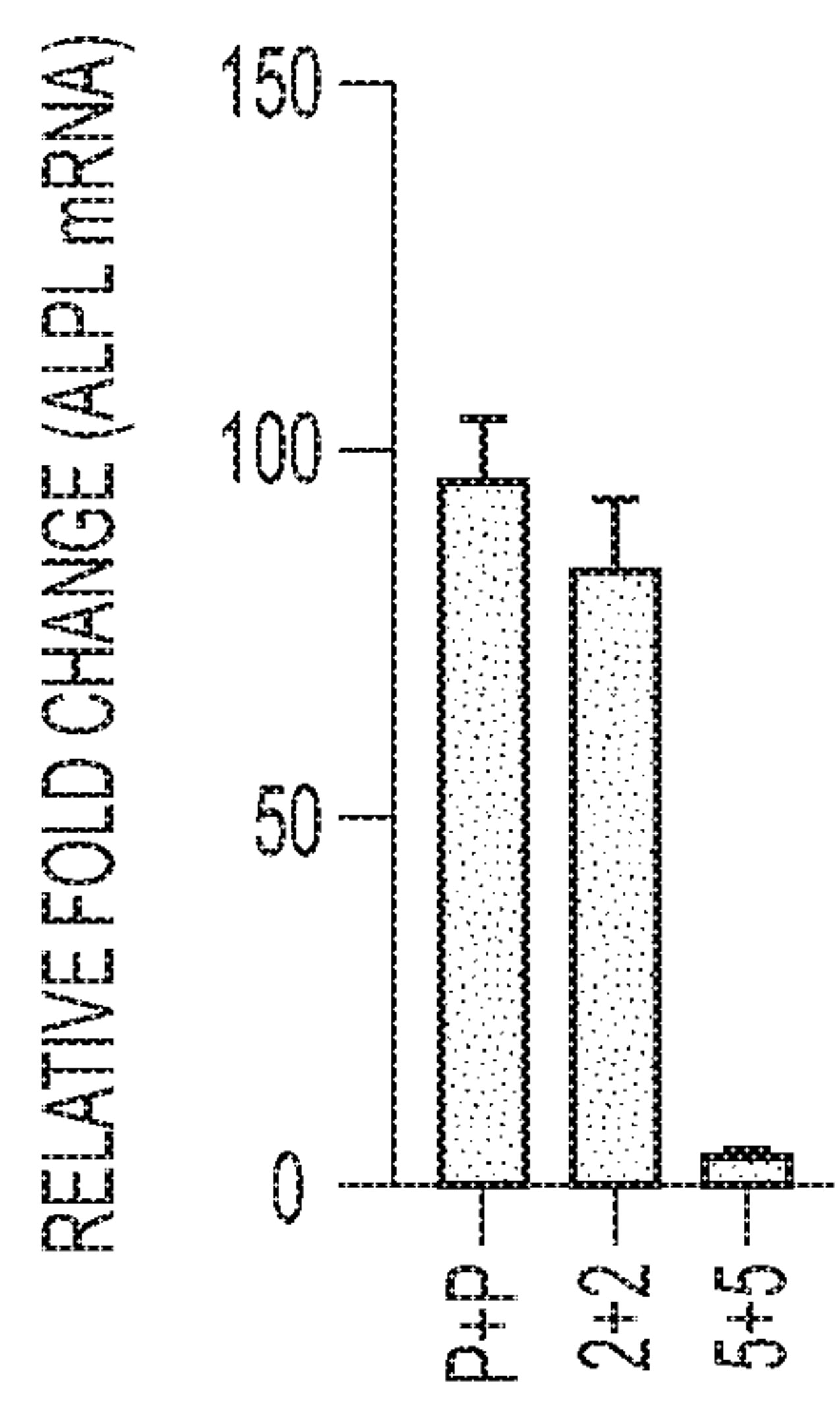


FIG. 7B

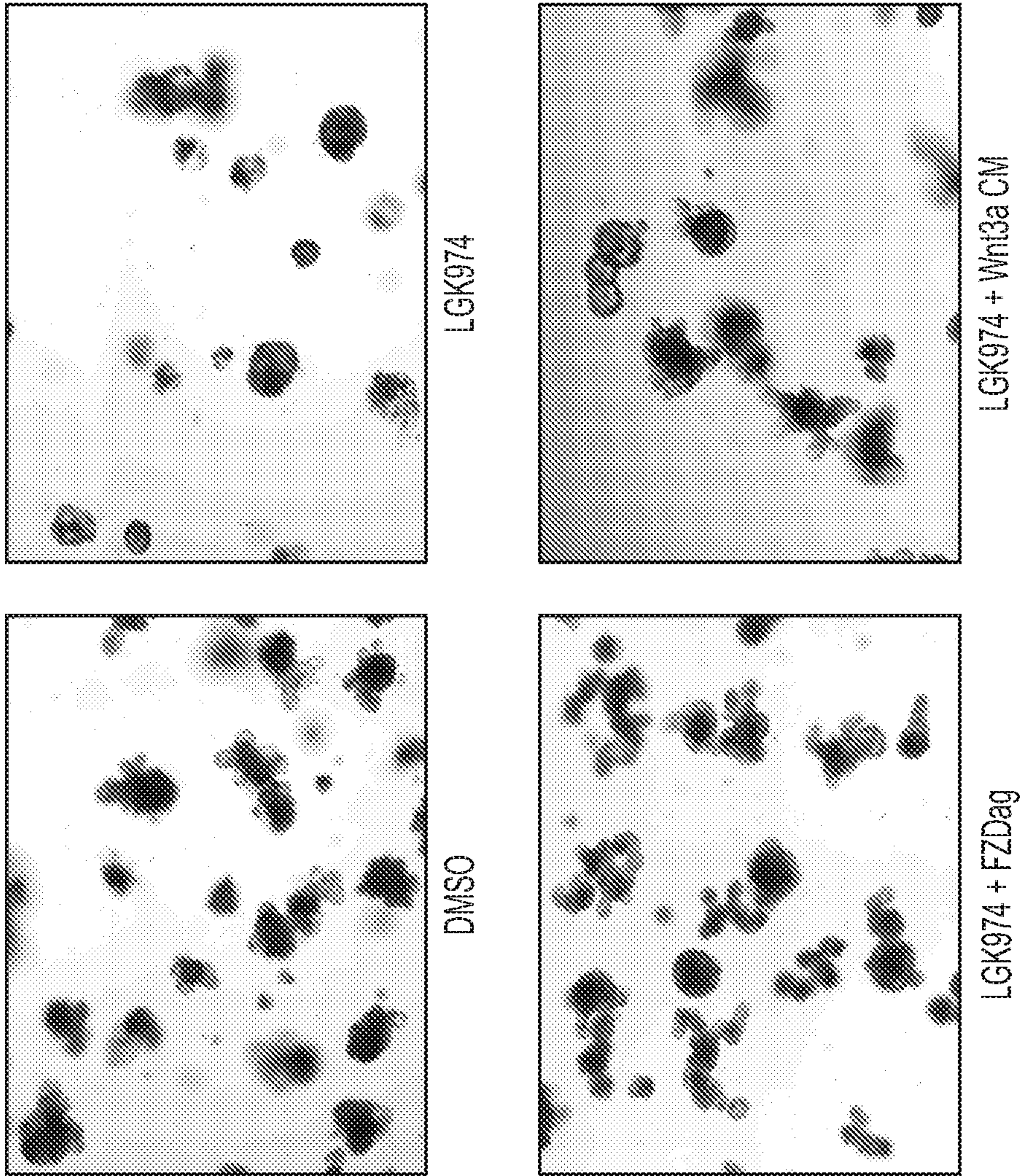


FIG. 8A

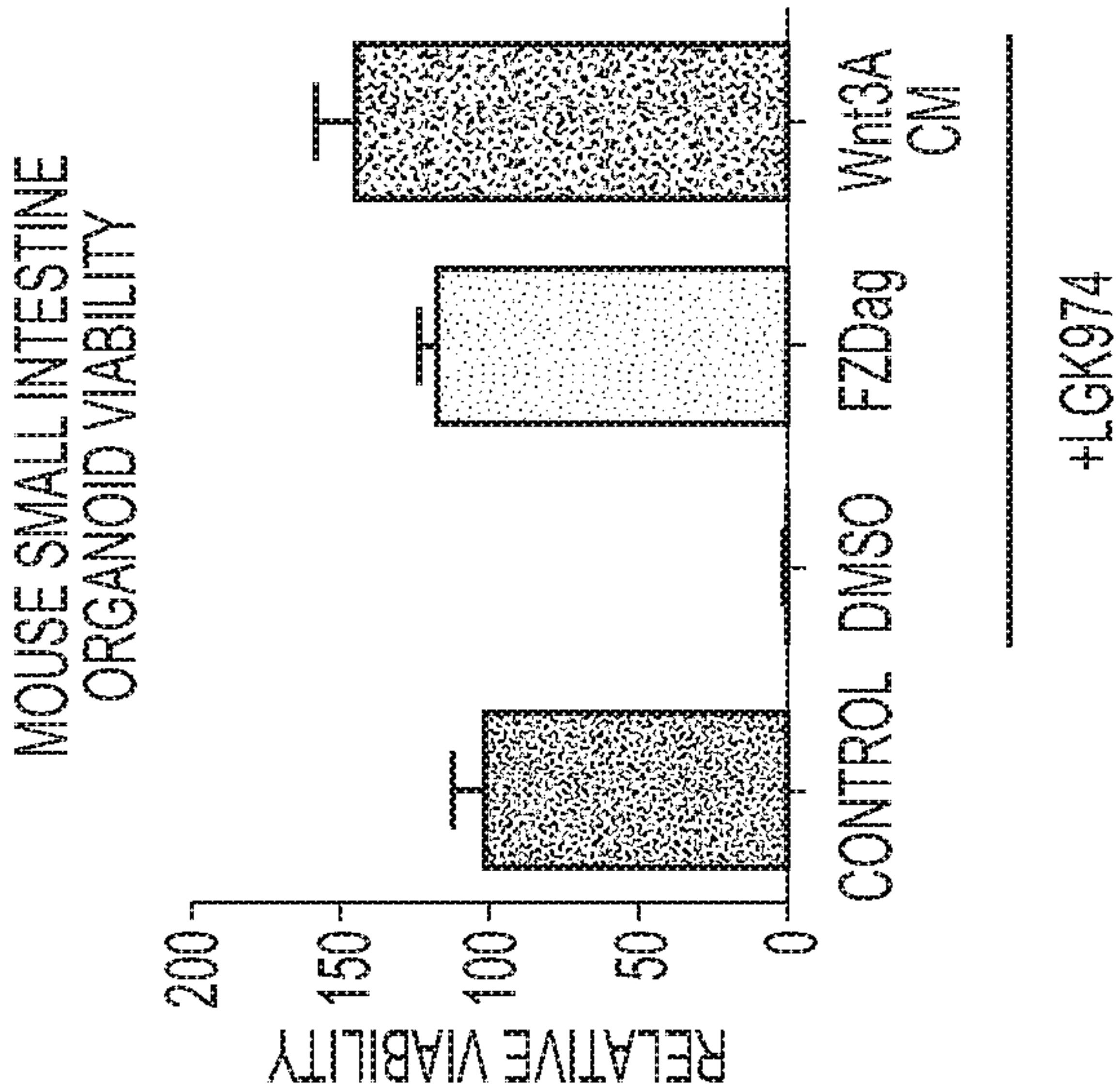


FIG. 8B

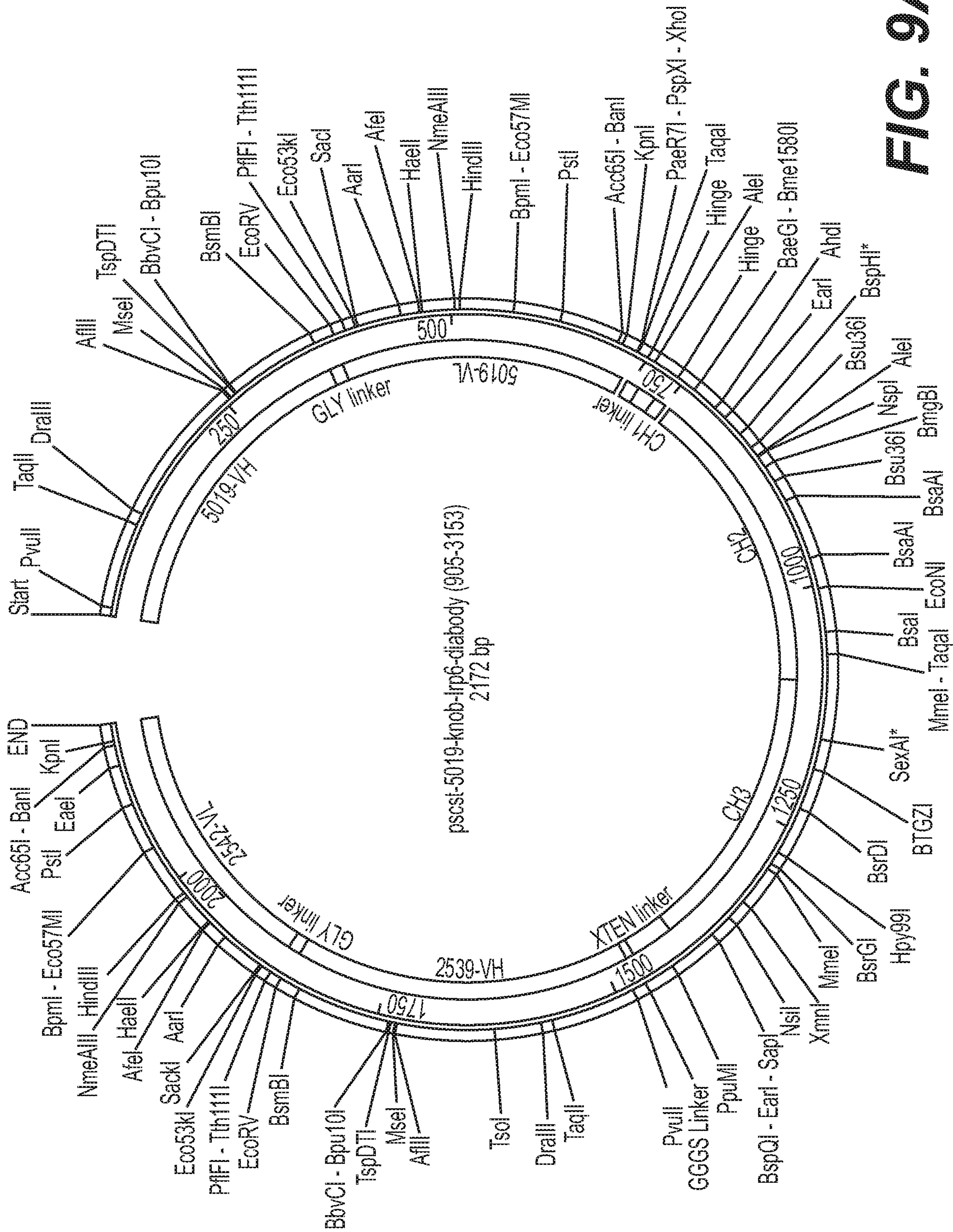
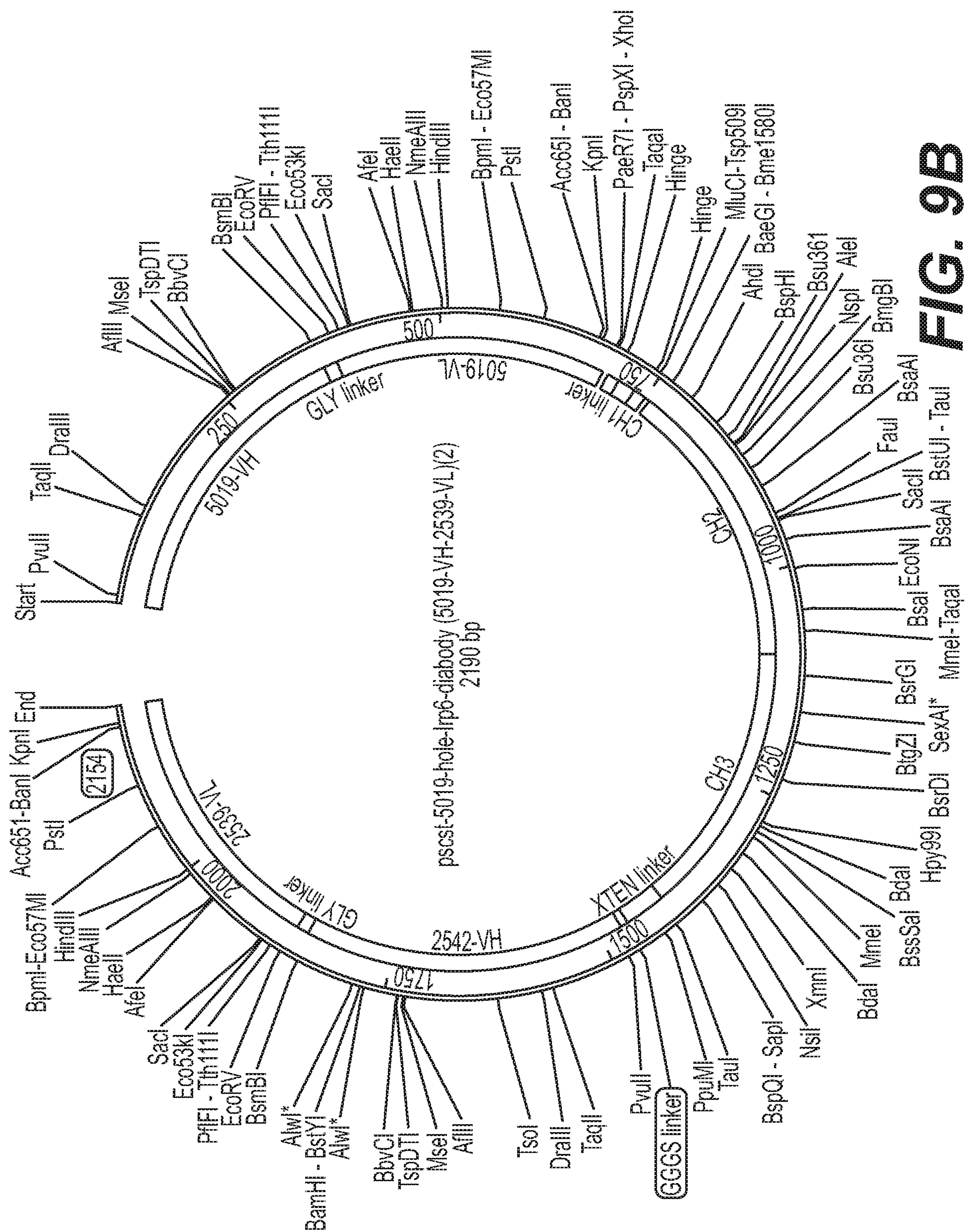


FIG. 9A



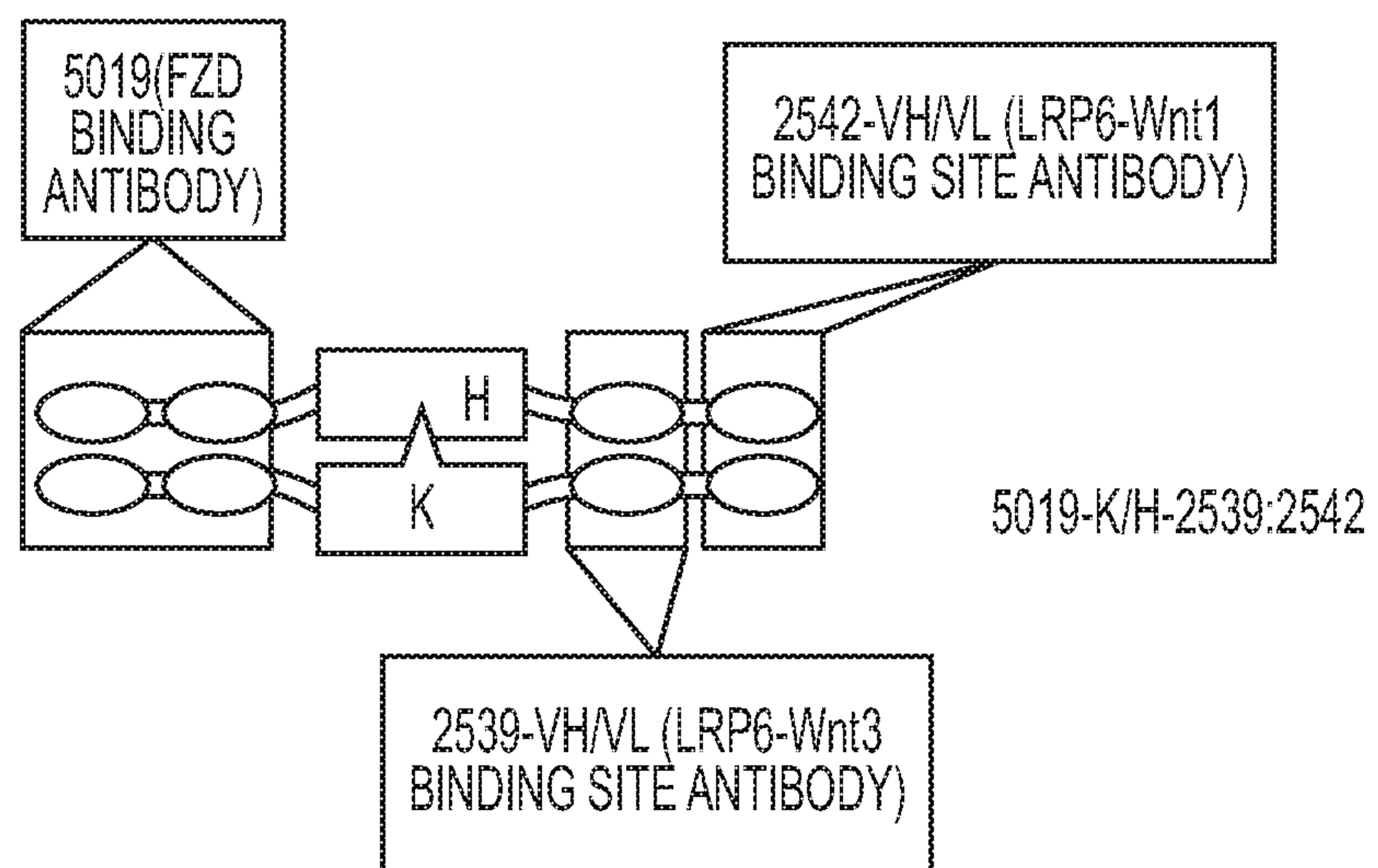


FIG. 9C

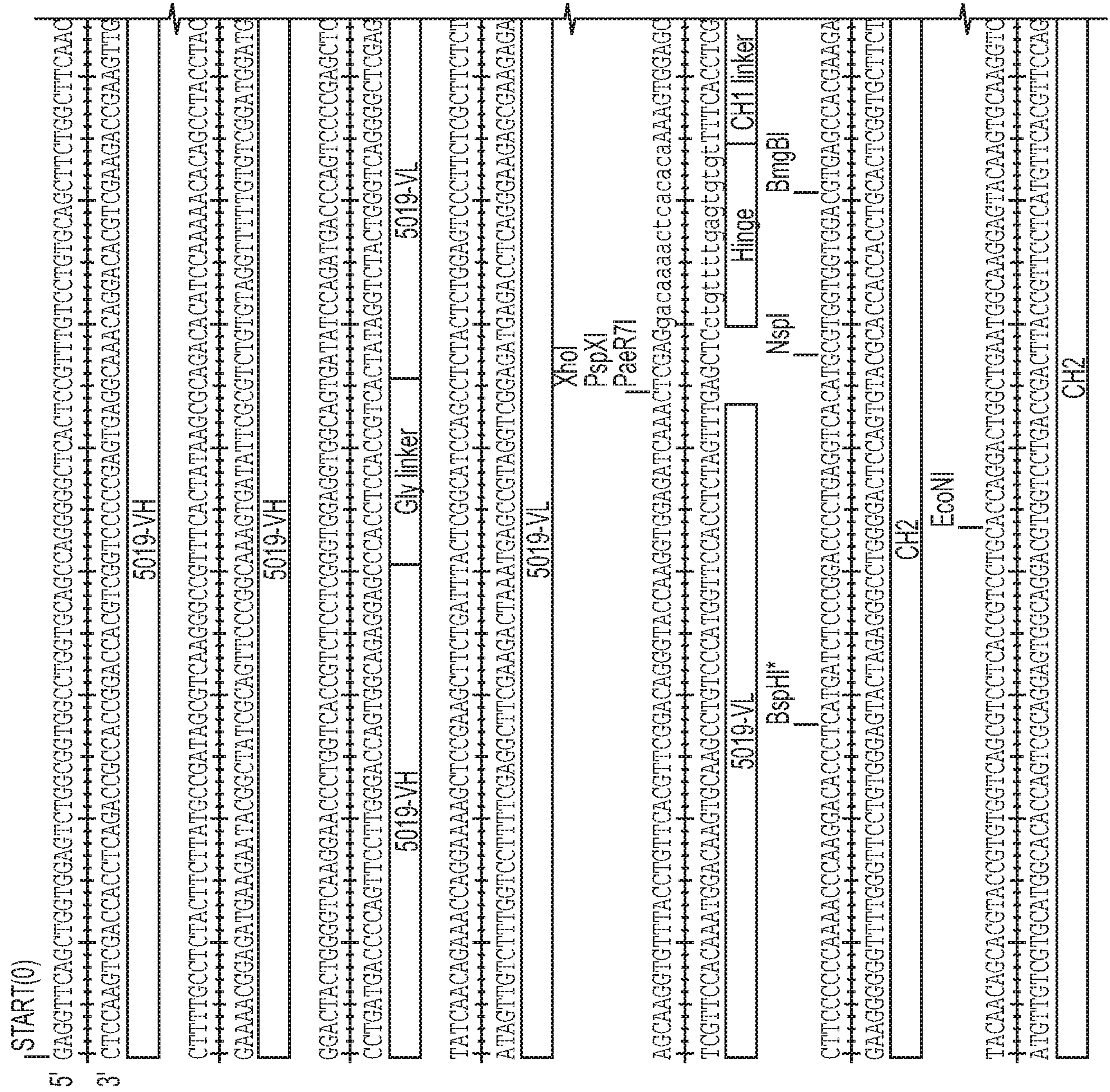


FIG. 10A

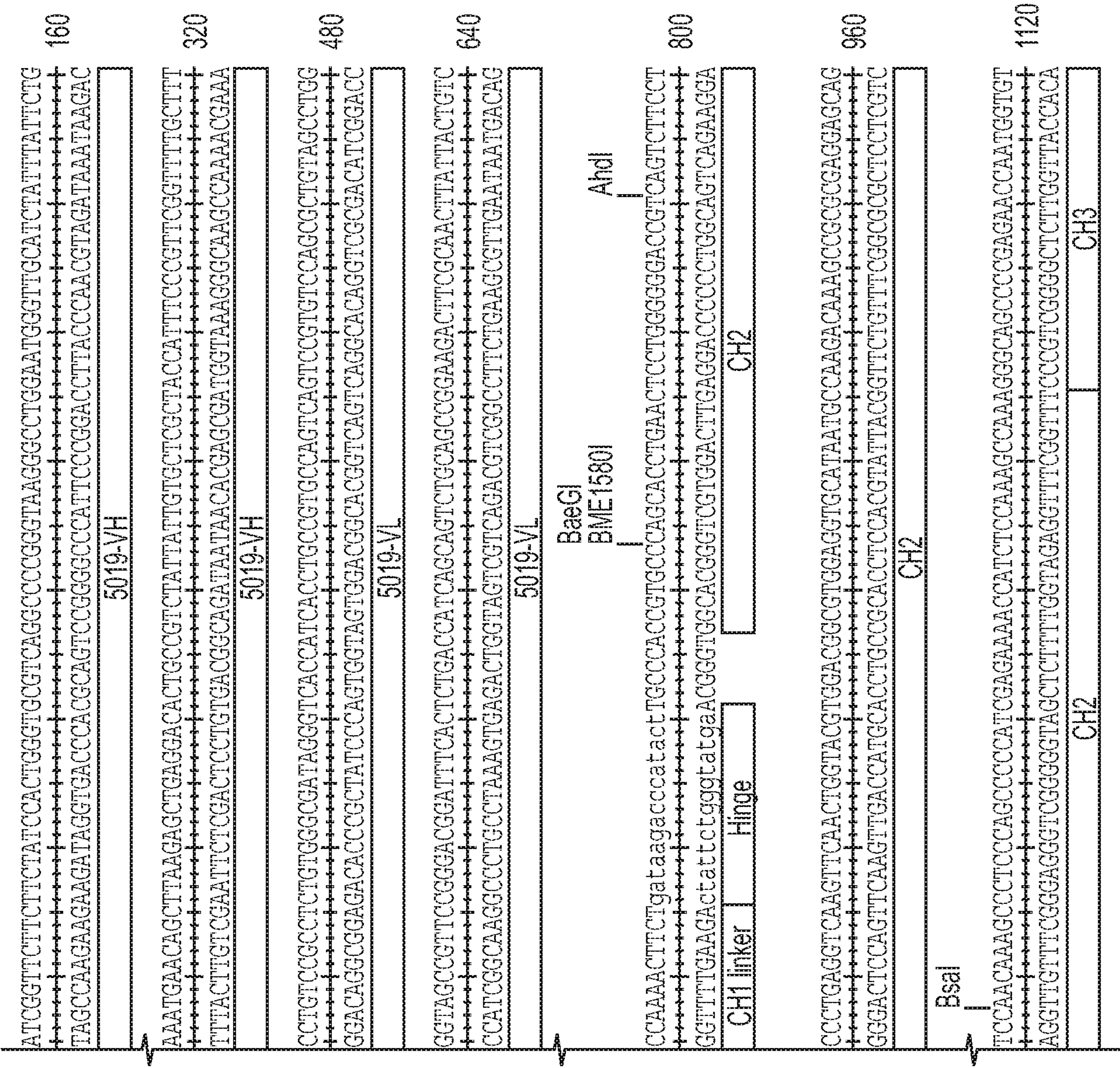
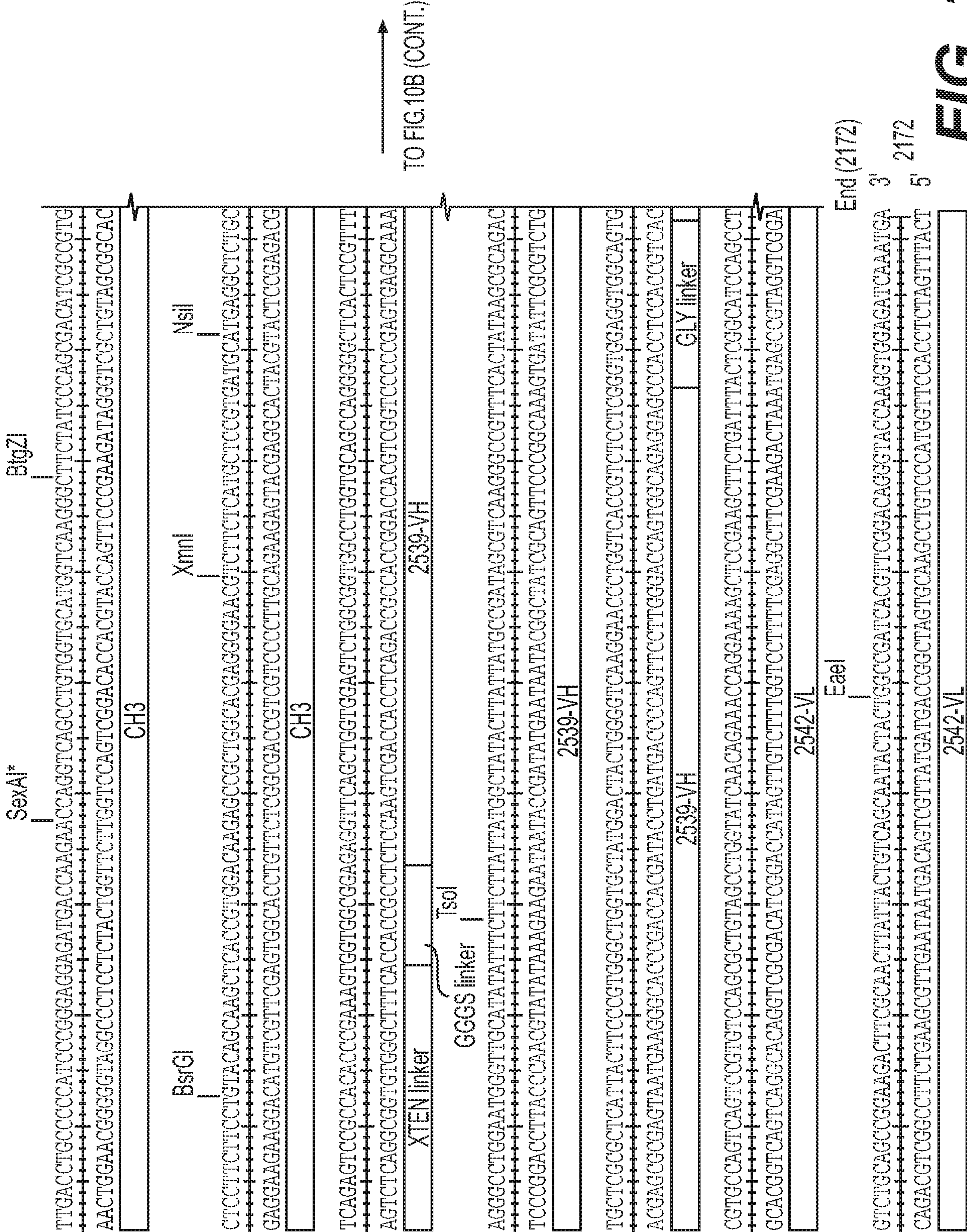


FIG. 10A(cont.)



TO FIG.10B (CONT.)

FIG. 10B

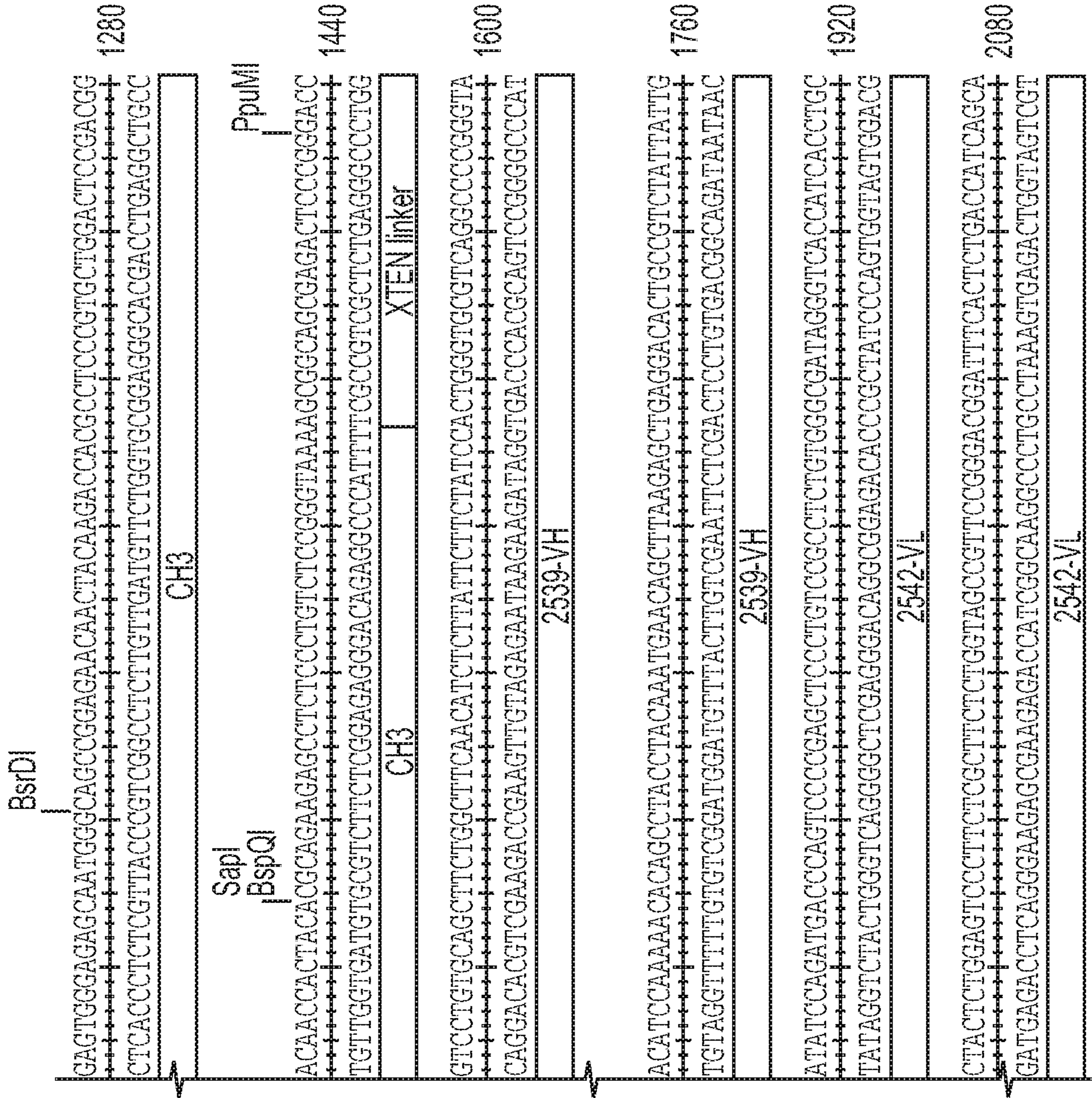


FIG. 10B(cont.)

FP - IgG	FZD1	FZD2	FZD4	FZD5	FZD6	FZD7	FZD8	FZD9	FZD10
k_a ($10^5\text{M}^{-1}\text{s}^{-1}$)	7.00	8.20	18.3	16.1	x	12.1	21.4	x	x
k_d (10^{-5}s^{-1})	1.75	1.96	46.1	2.69	x	1.49	7.17	x	x
K_D^* (10^{-10}M)	0.251	0.239	2.52	0.167	x	0.123	0.335	x	x
*AVIDITIES									
FP - Fab	FZD1	FZD2	FZD4	FZD5	FZD6	FZD7	FZD8	FZD9	FZD10
k_a ($10^5\text{M}^{-1}\text{s}^{-1}$)	3.00	3.03	4.18	3.45	x	3.67	4.13	x	x
k_d (10^{-5}s^{-1})	19.7	26.0	463	18.7	x	26.7	19.4	x	x
K_D^{**} (10^{-10}M)	1.77	1.26	3.68	1.10	x	1.42	1.09	x	x
**AFFINITIES									

FIG. 11A

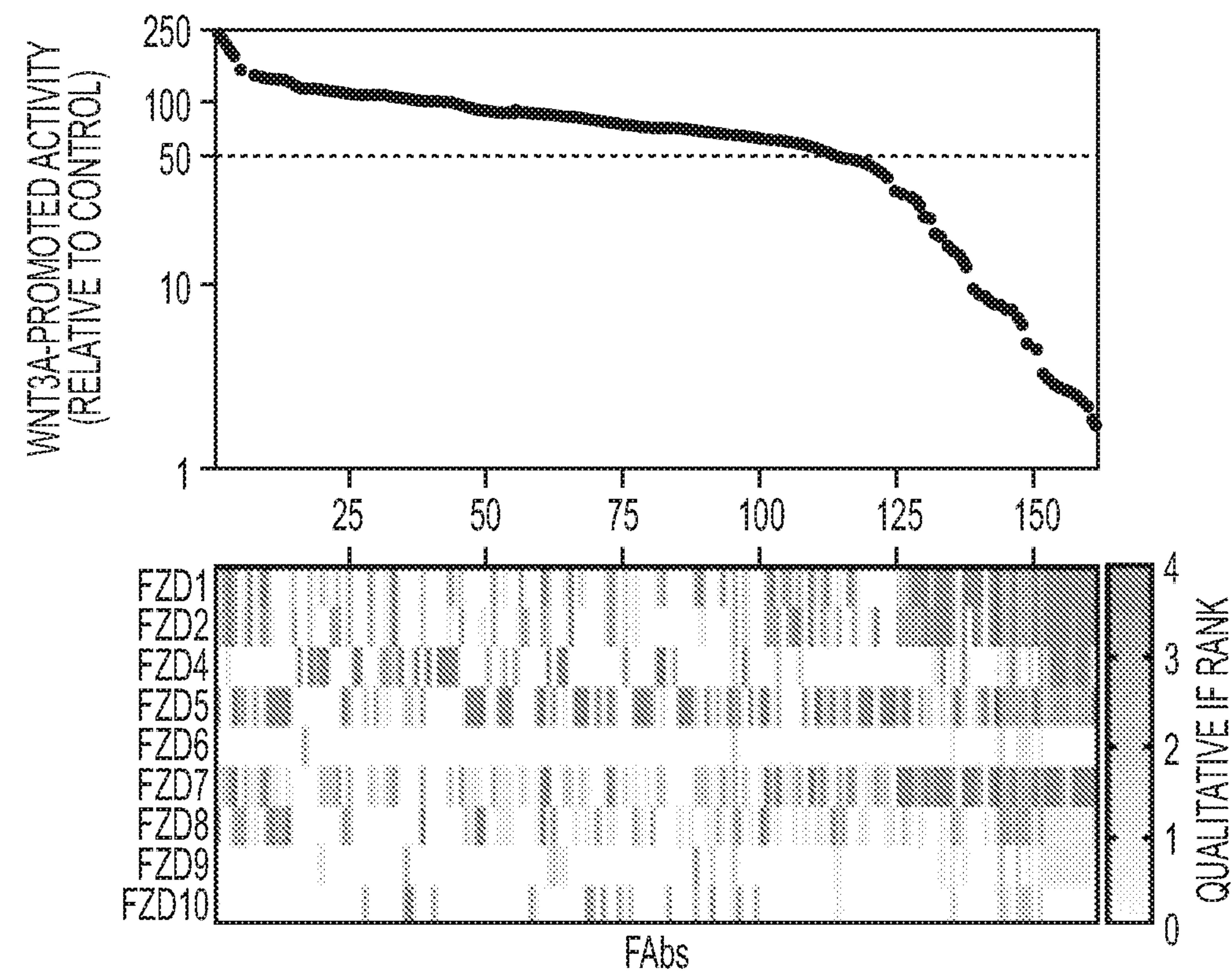


FIG. 11B

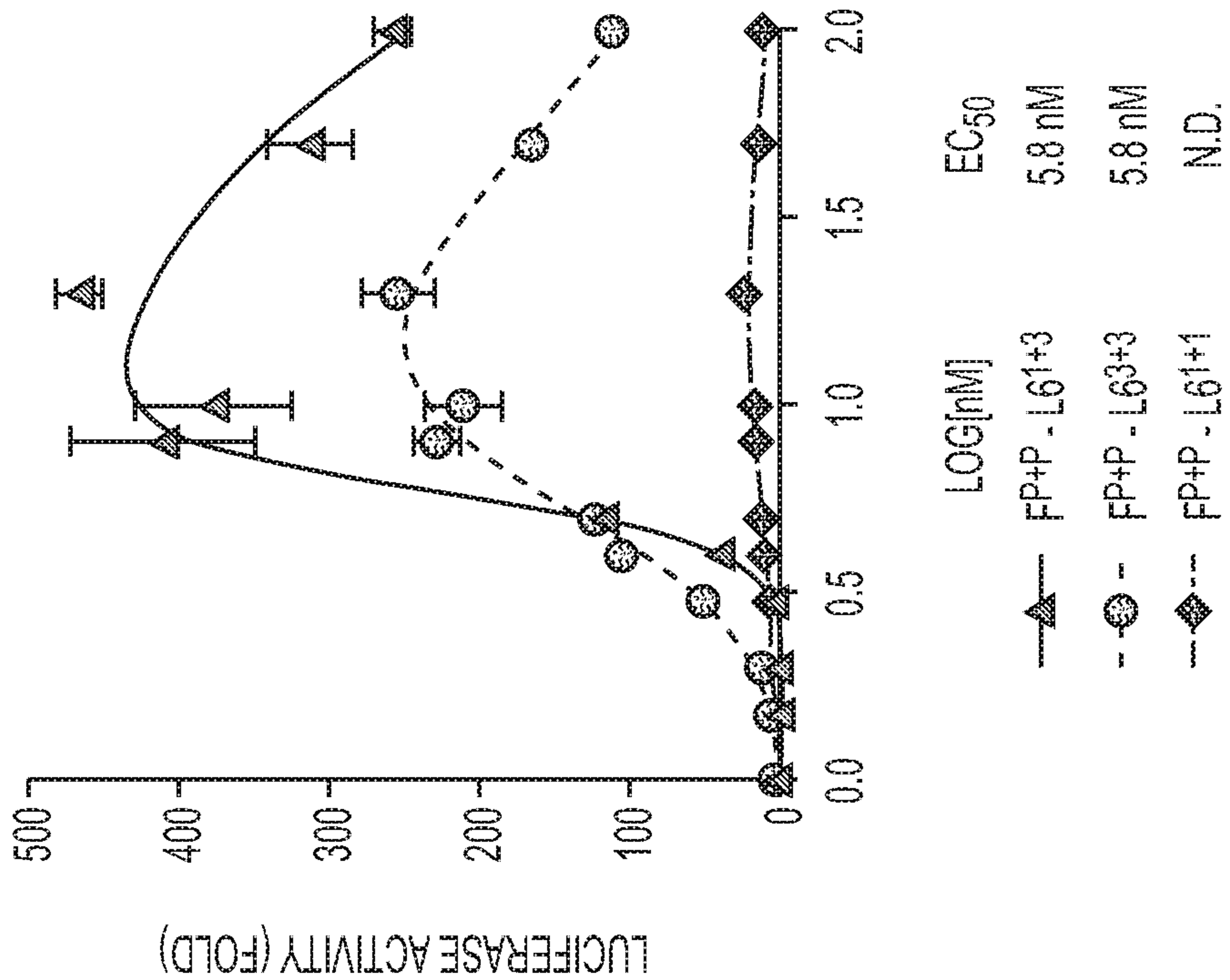


FIG. 11D

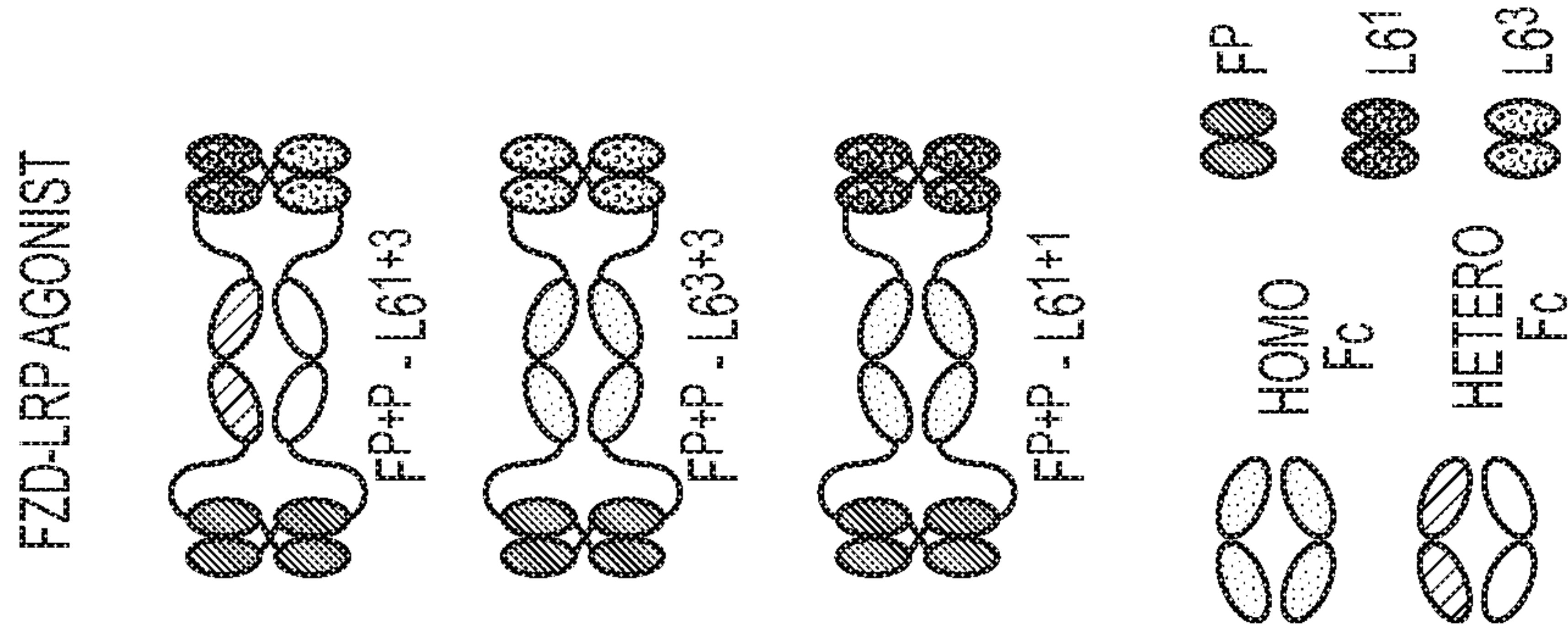


FIG. 11C

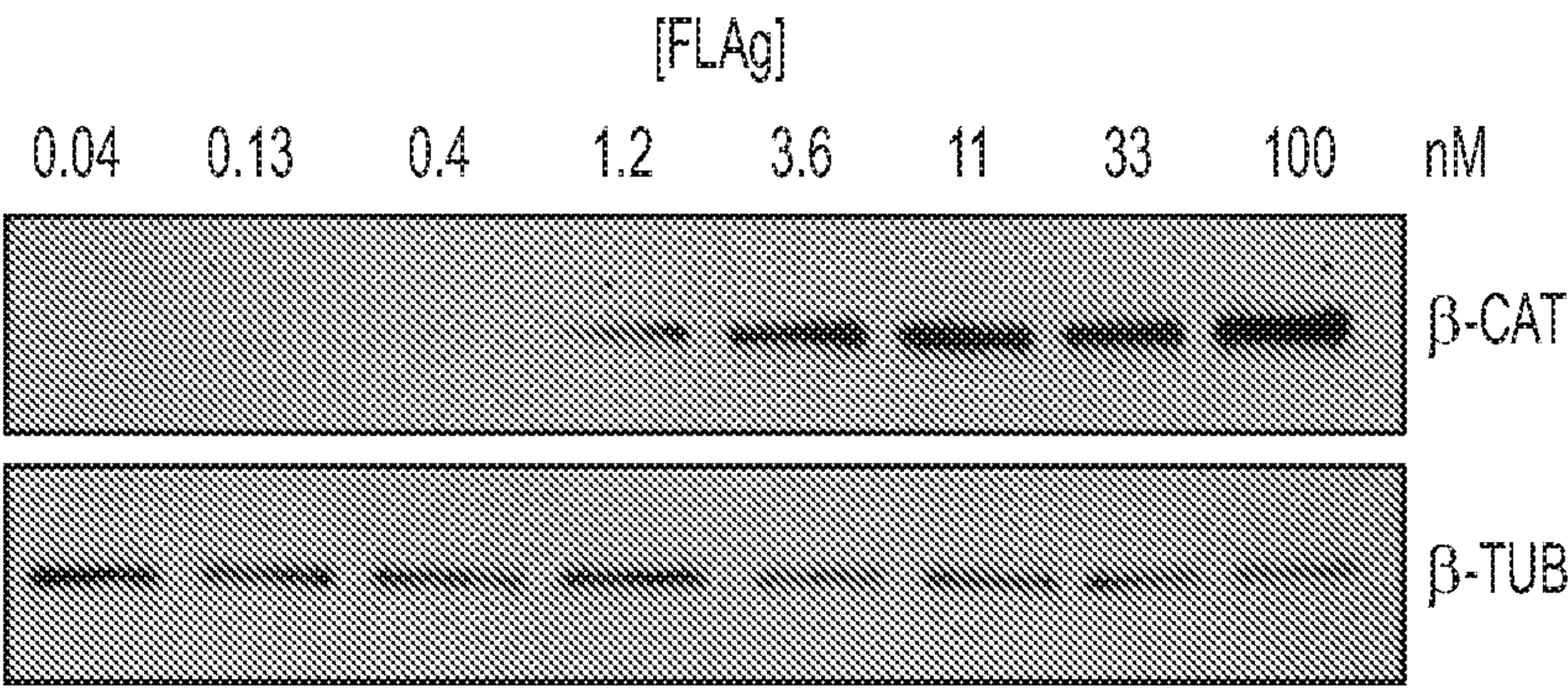


FIG. 11E

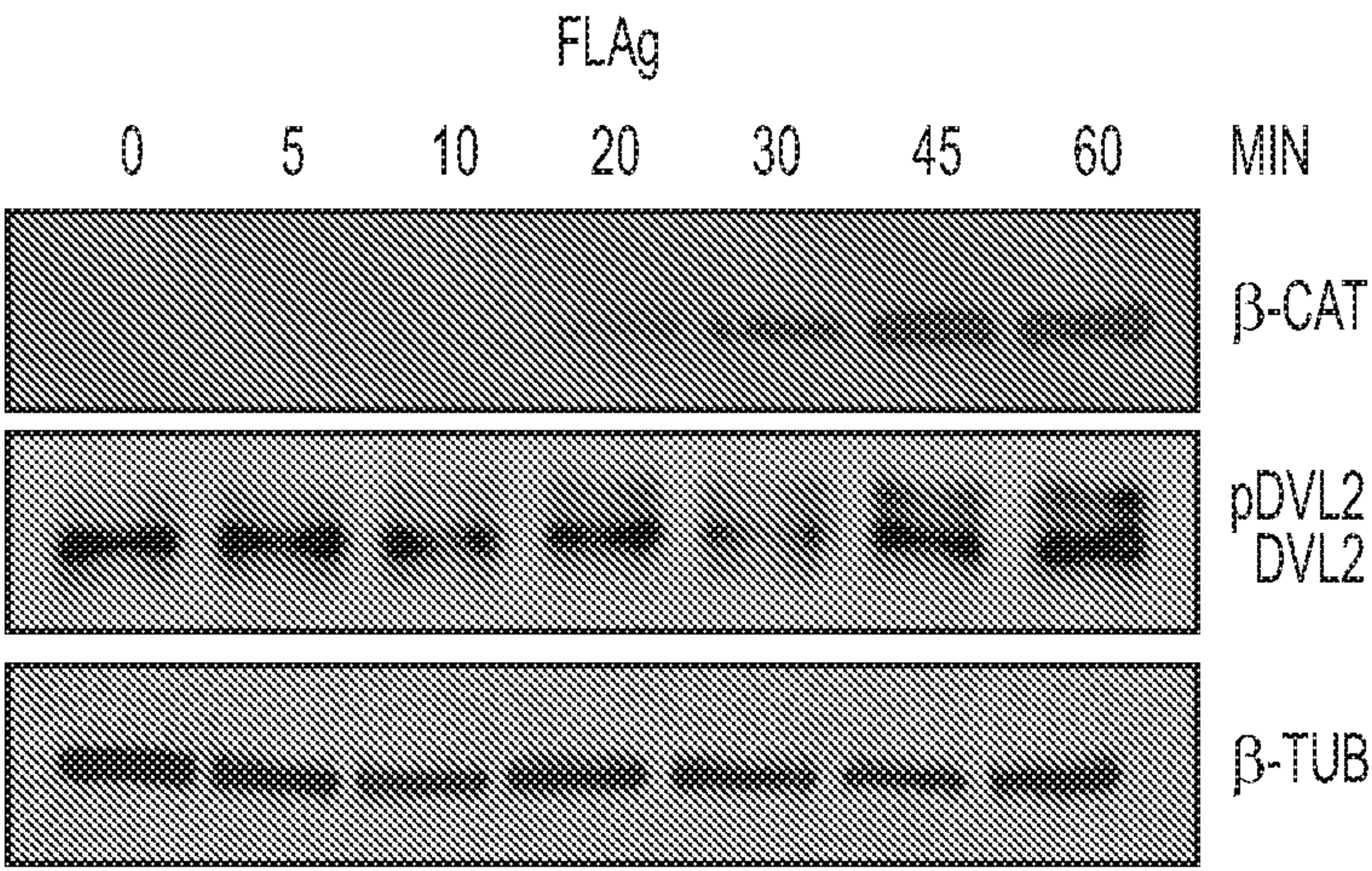


FIG. 11F

KINETIC PARAMETERS	hFZD1-Fc	hFZD2-Fc	hFZD4-Fc	hFZD5-Fc	hFZD7-Fc	hFZD8-Fc	hLRP6-Fc
$k_d(10^5s^{-1})$	3.95	4.79	8.86	6.54	5.09	7.05	1.52
$k_a(10^{-3}M^{-1}s^{-1})$	<0.001	0.019	0.709	<0.001	0.029	0.049	1.81
KD(nM)	<0.01	0.04	0.80	0.02	0.06	0.07	12

FIG. 12A

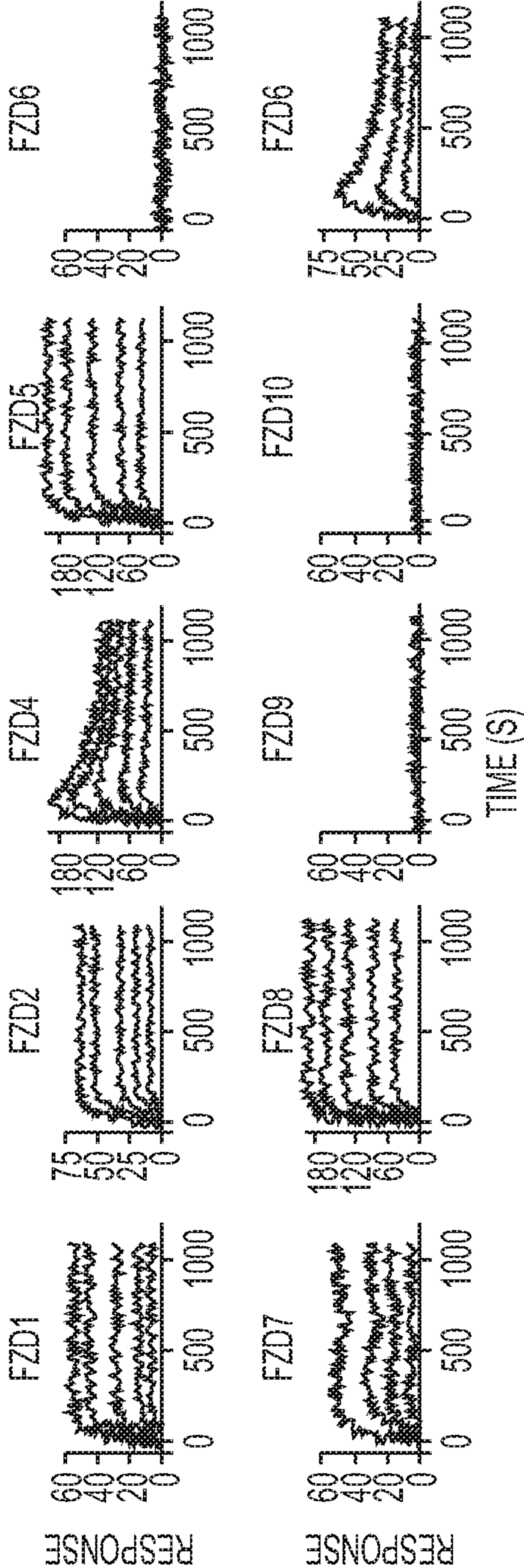


FIG. 12B

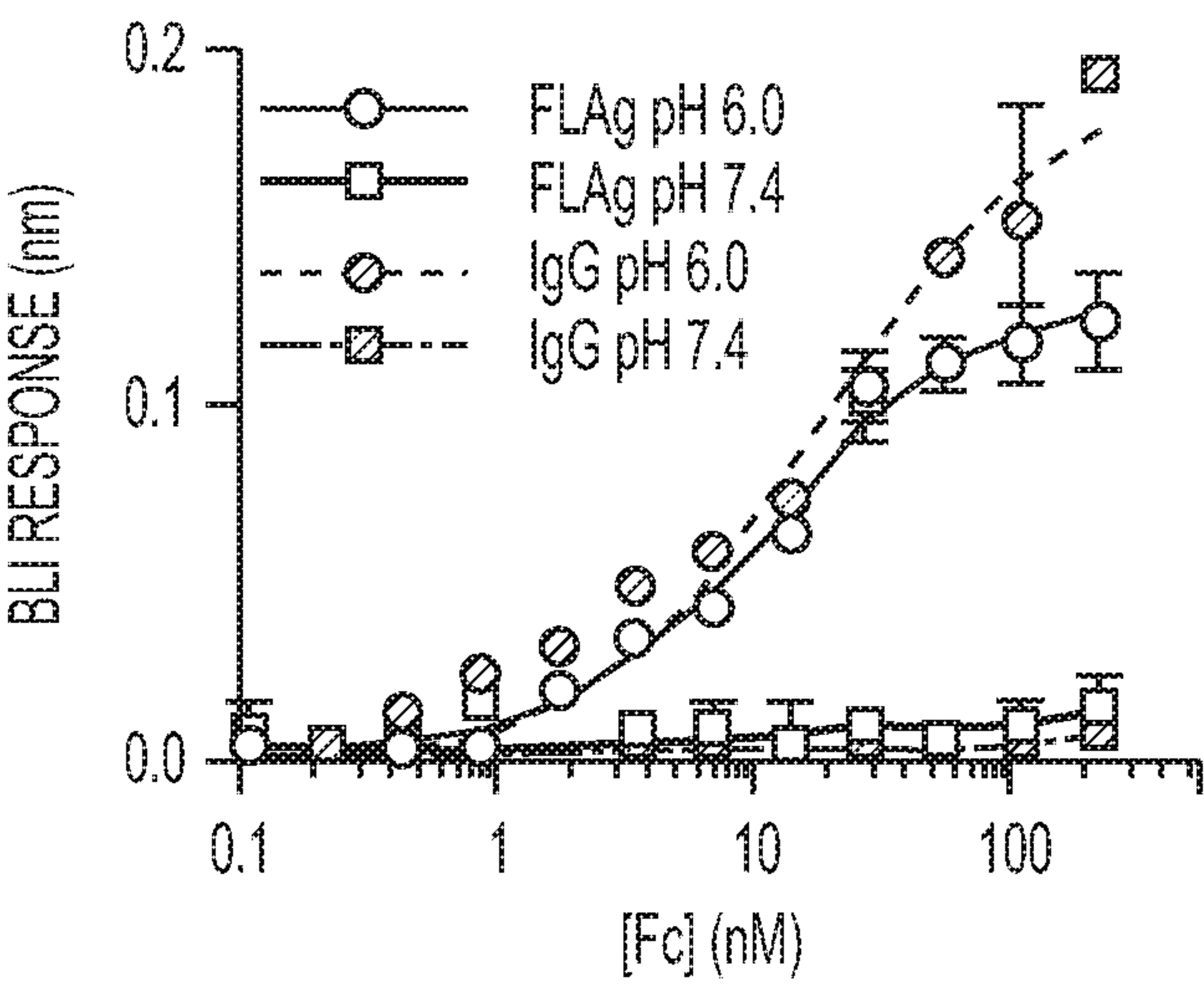


FIG. 12C

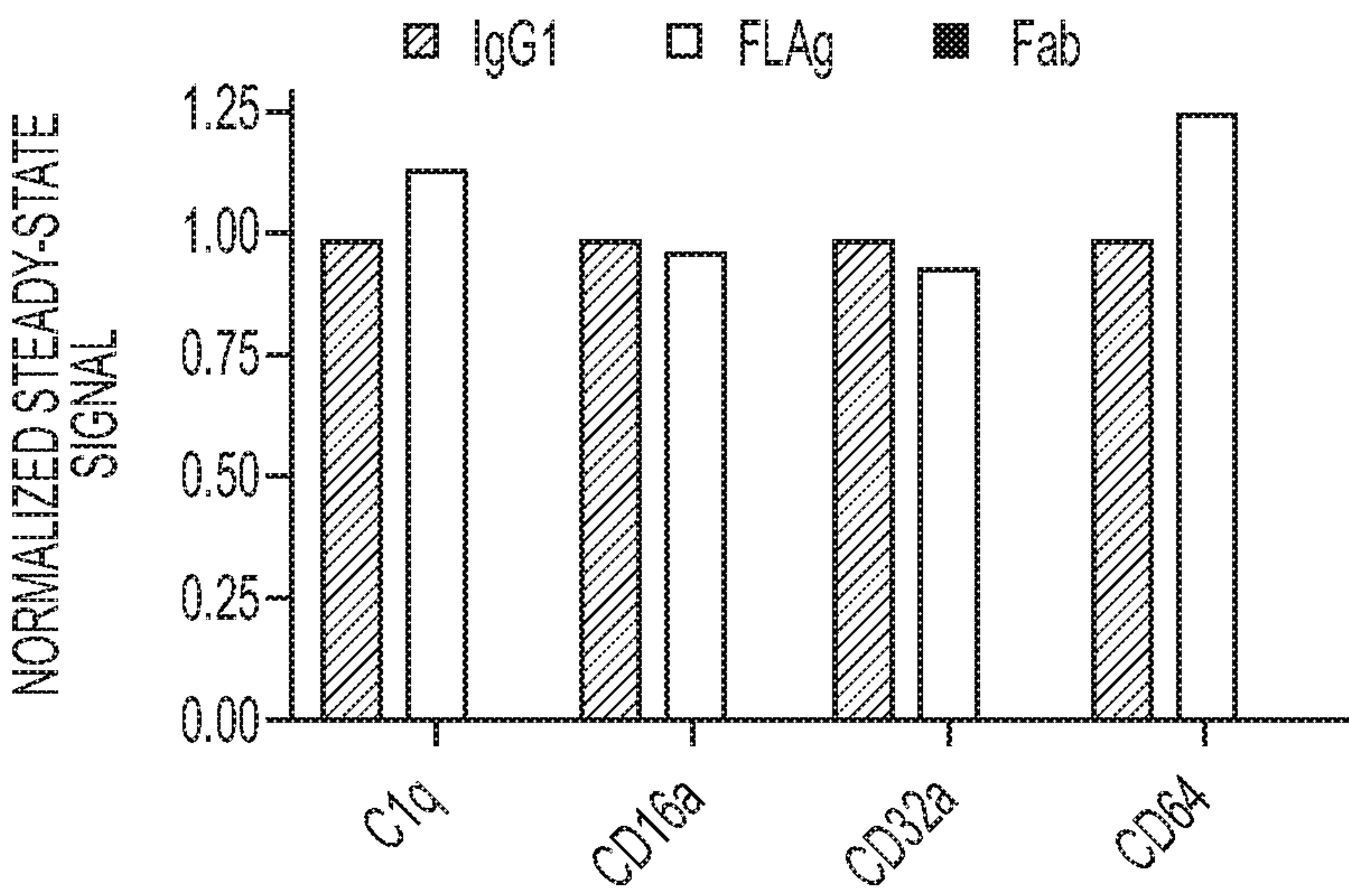


FIG. 12D

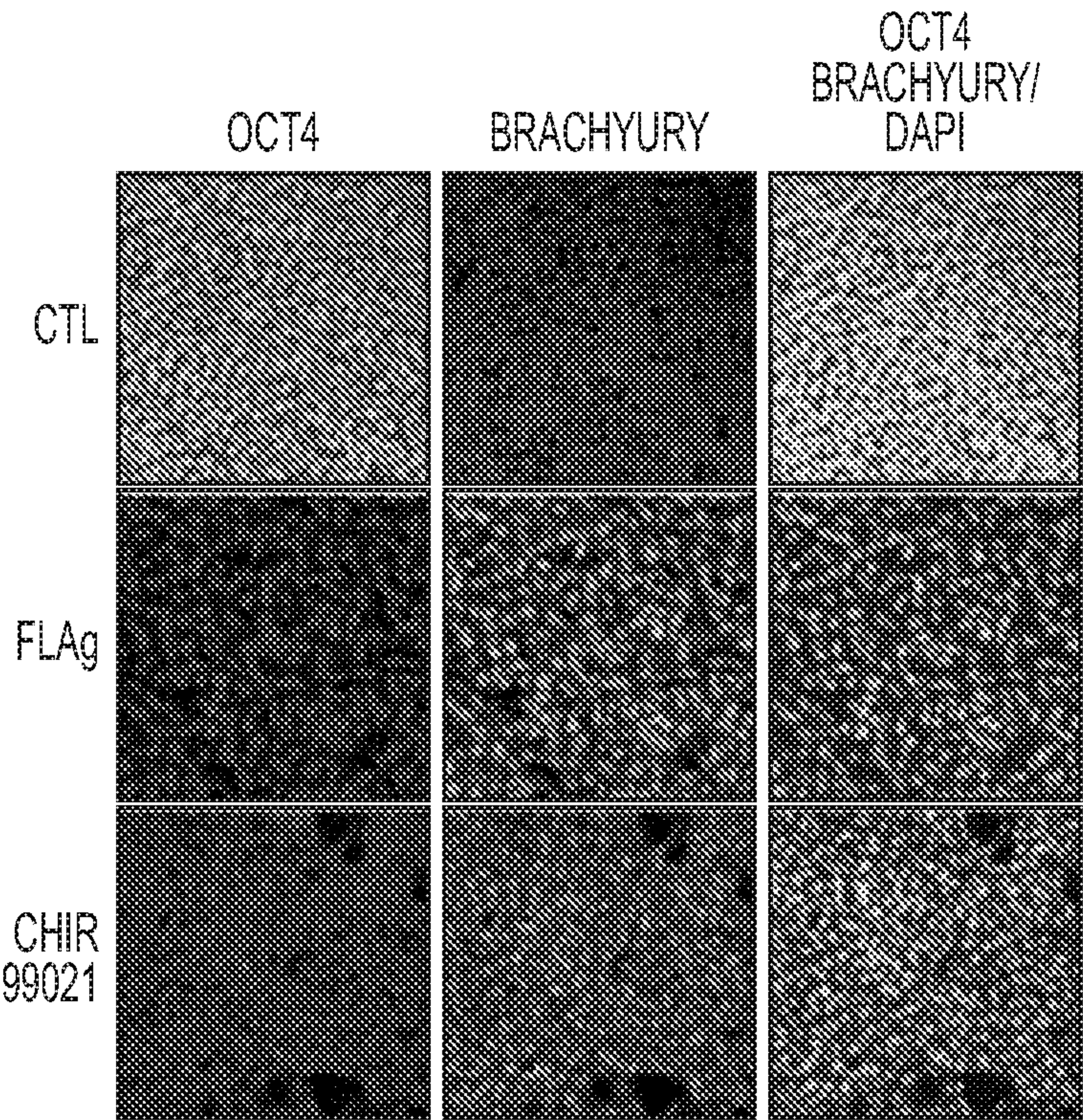


FIG. 13A

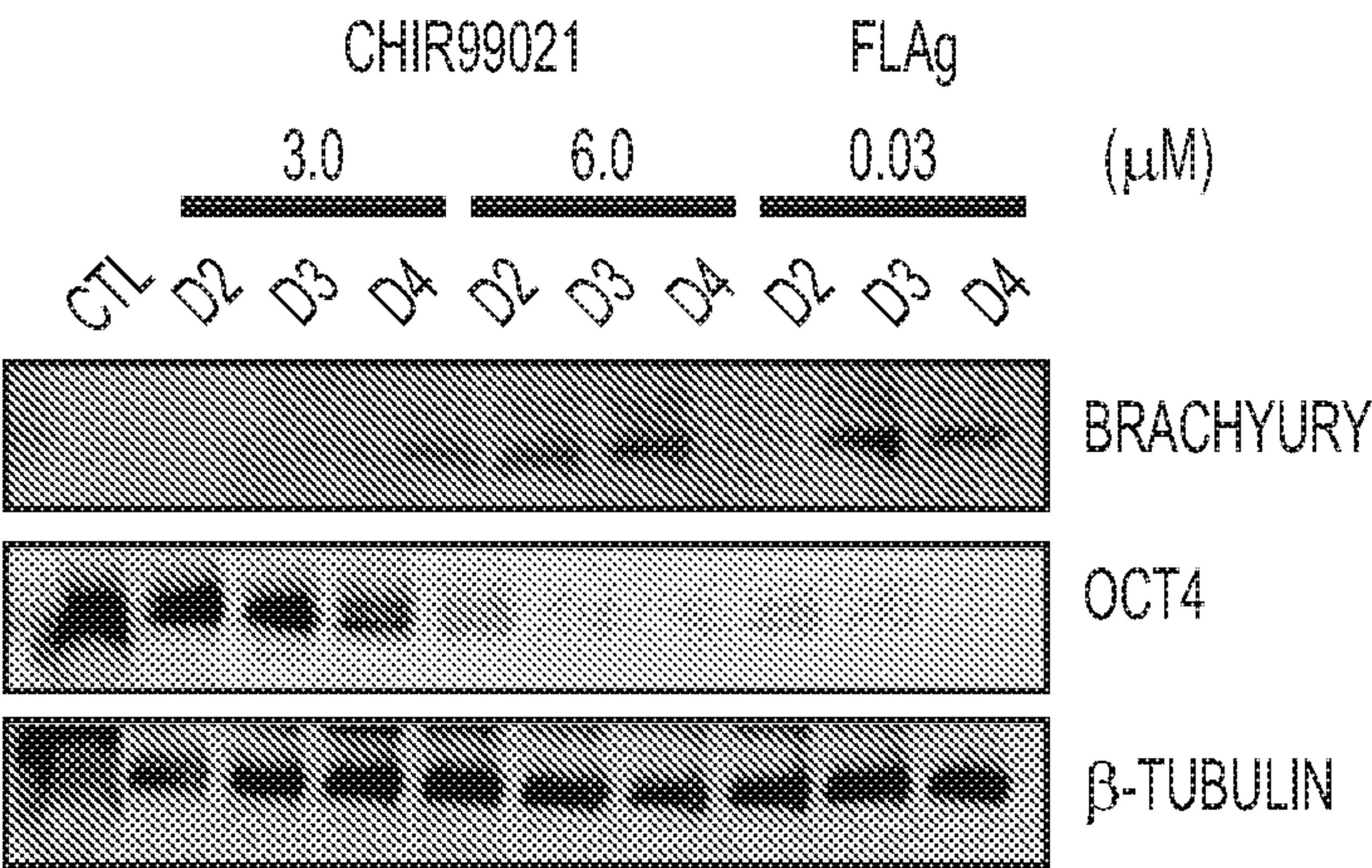


FIG. 13B

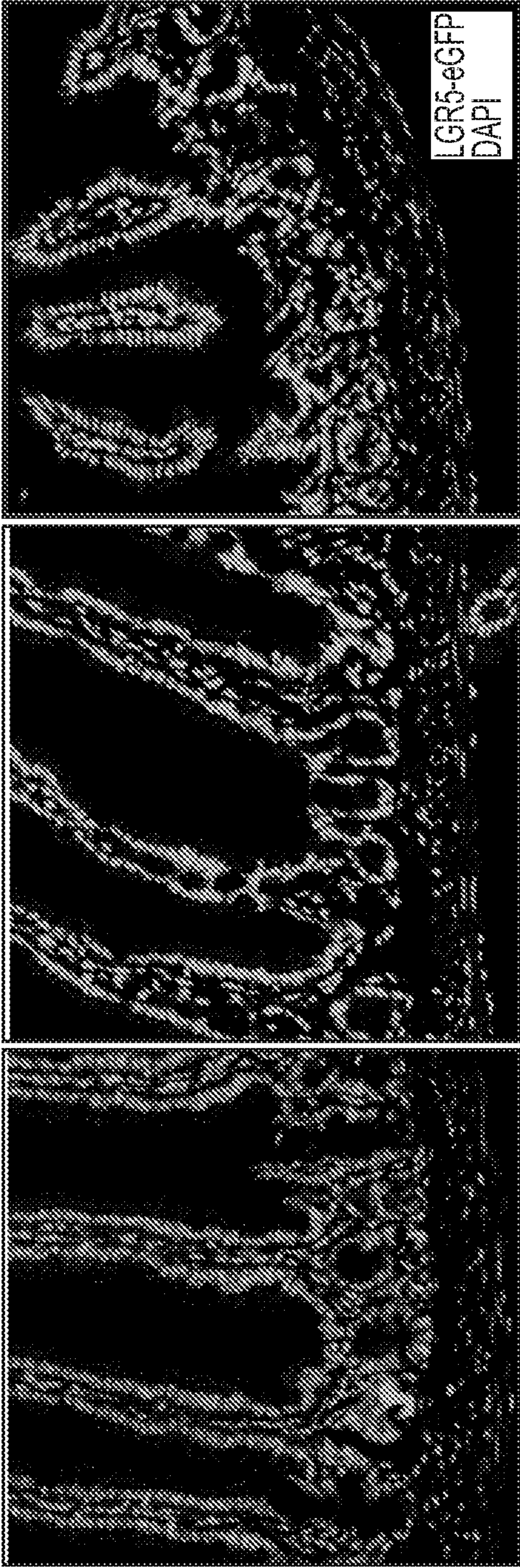


FIG. 14