

Fig. 1

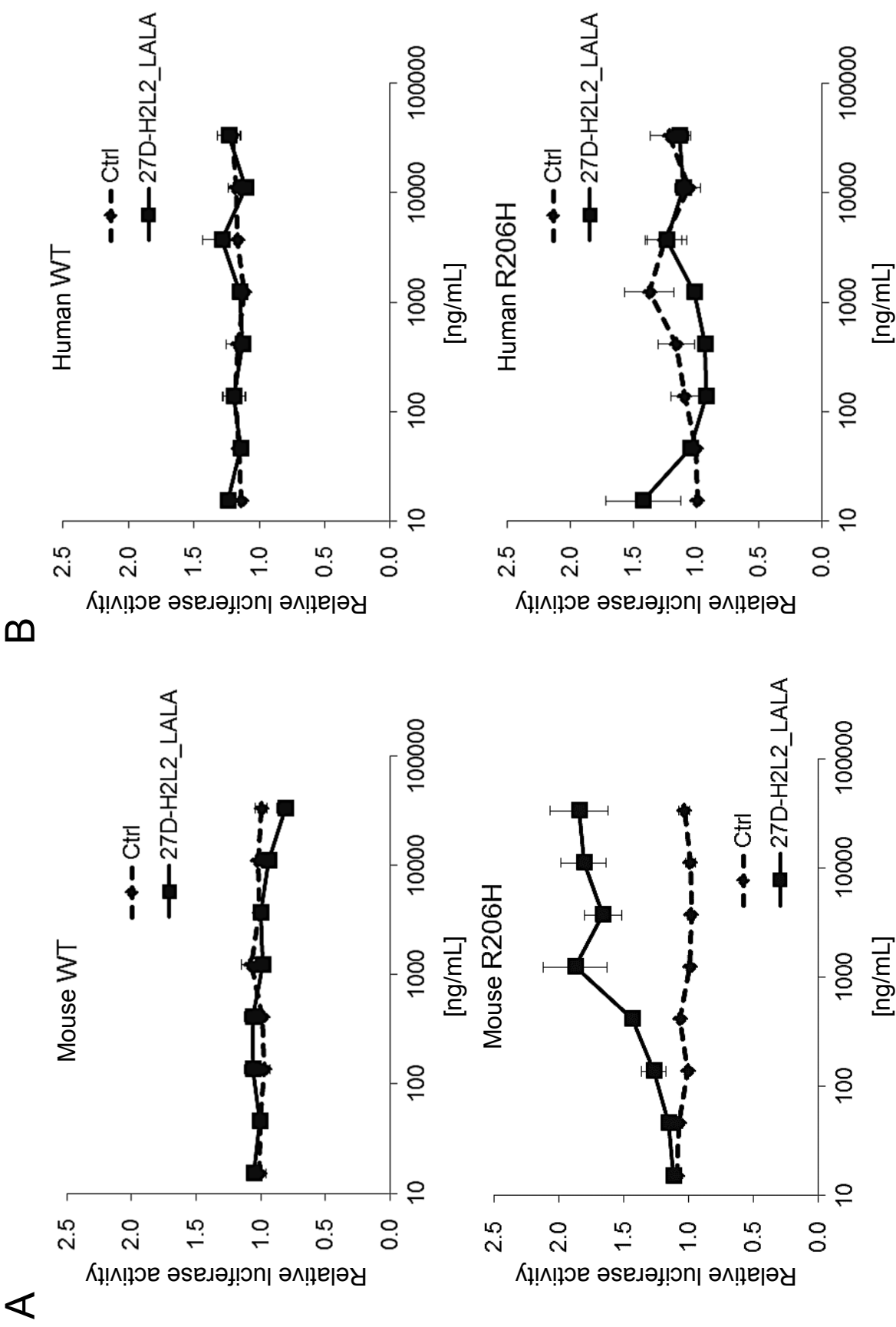


Fig. 2

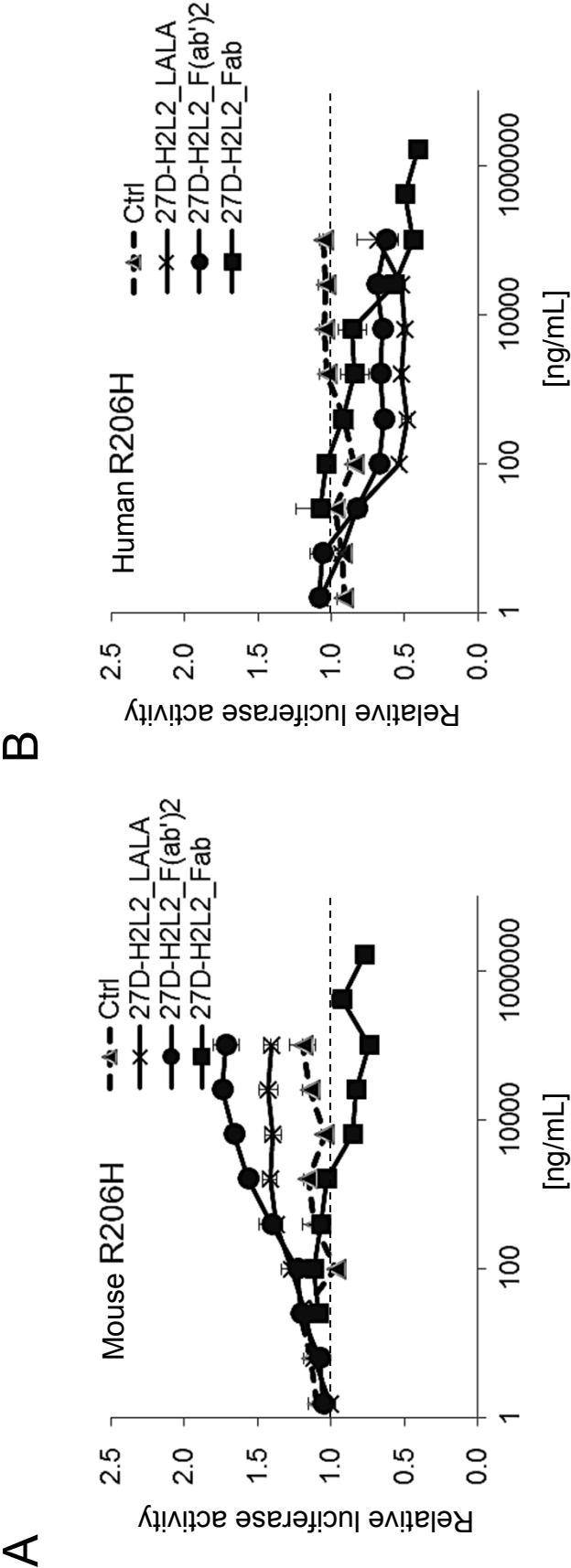


Fig. 3

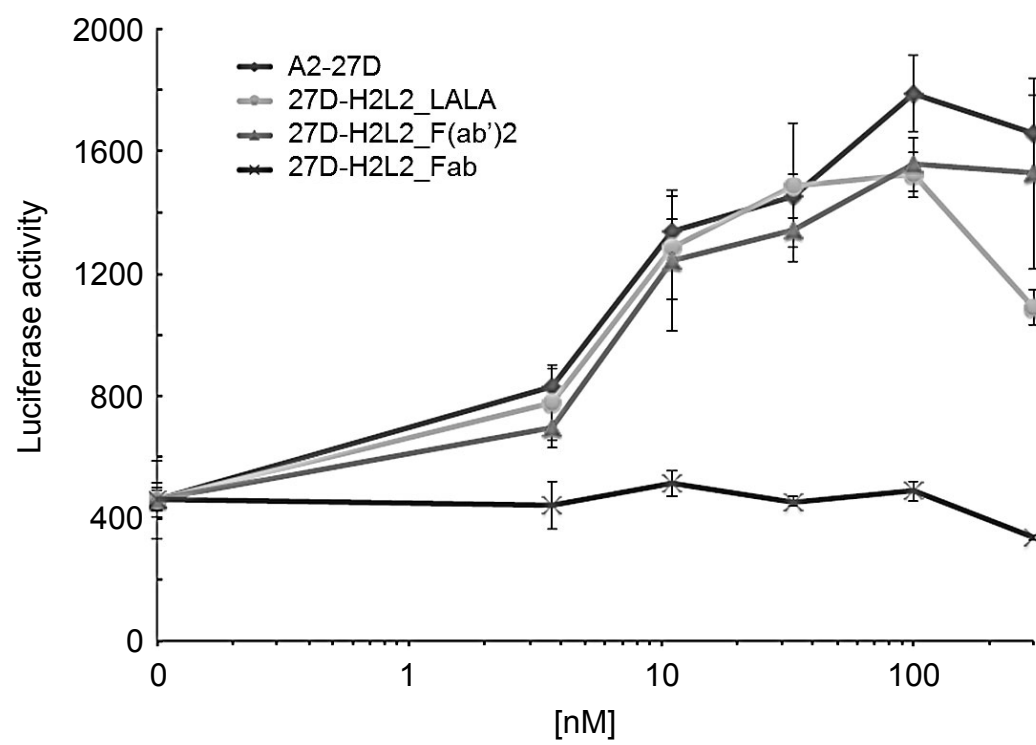


Fig. 4

		Signal peptide			
Human	1	MVDGVMILPVLIT	MIALPSPSMEDEKPKVNP	KLYMCVCEGLSCGNEDHCEGQQCFSSLSINDGFHVYQKGC	70
Monkey	1	.....	I	.....	70
Dog	1	.....	M	.....	70
Rat	1	.....	A	.....	70
Mouse	1	.....	S	.....	70
				Transmembrane	
Human	71	FQVYEQGKMTCKTPSPGQAVECCQGDWCNRNITAQLPTKGKSFPGTQNFHLEVGLIILSVVFAVCLLAC			140
Monkey	71	.....			140
Dog	71	.....			140
Rat	71	.....			140
Mouse	71	.....			140
				GS domain	
Human	141	LLGVALRKFKRRNQERLNPRDVEYGTIEGLITTNVGDSTLAD	LLDHSCTSGSGSLPFLVQRTVARQITL	210	
Monkey	141	.....	.....	210	
Dog	141	.....	.....	210	
Rat	141	I	E	210	
Mouse	141	I	E	210	
				Kinase domain	
Human	211	LECVGKGRYGEVWRGSWQGENVAVKIFSSRDEKSWFRETELNTVMLRHENILGFIASDMTSRHSSTQLW			280
Monkey	211	.....			280
Dog	211	.....			280
Rat	211	.....			280
Mouse	211	.....			280
				D182E	
Human	281	LITHYHEMGSLYDYLQLTTLDTVSCLRIVLSIASGLAHLHIEIFGTQGKP	ATAHRDLKSKNILVKKNGQC	350	
Monkey	281	.....	.....	350	
Dog	281	.....	.....	350	
Rat	281	.....	.....	350	
Mouse	281	.....	.....	350	
				P330S	
Human	351	CIADLGLAVMHSQSTNQLDVGNNPRVGTKRYMAPEVLDETIQVDCFDSYKRVDIWAFLVLEVARRMVS			420
Monkey	351	.....			420
Dog	351	.....			420
Rat	351	.....			420
Mouse	351	.....			420
Human	421	NGIVEDYKPPFYDVVPNDPSFEDMRKVVCVDQQRPNIPNRWFSIPTLTSLAKLMKECWYQNPSARLTALR			490
Monkey	421	.....			490
Dog	421	.....			490
Rat	421	.....			490
Mouse	421	.....			490
Human	491	IKKTLTKIDNSLDKLTDC			509
Monkey	491	.....			509
Dog	491	.....			509
Rat	491	.....			509
Mouse	491	.....			509

Fig. 5

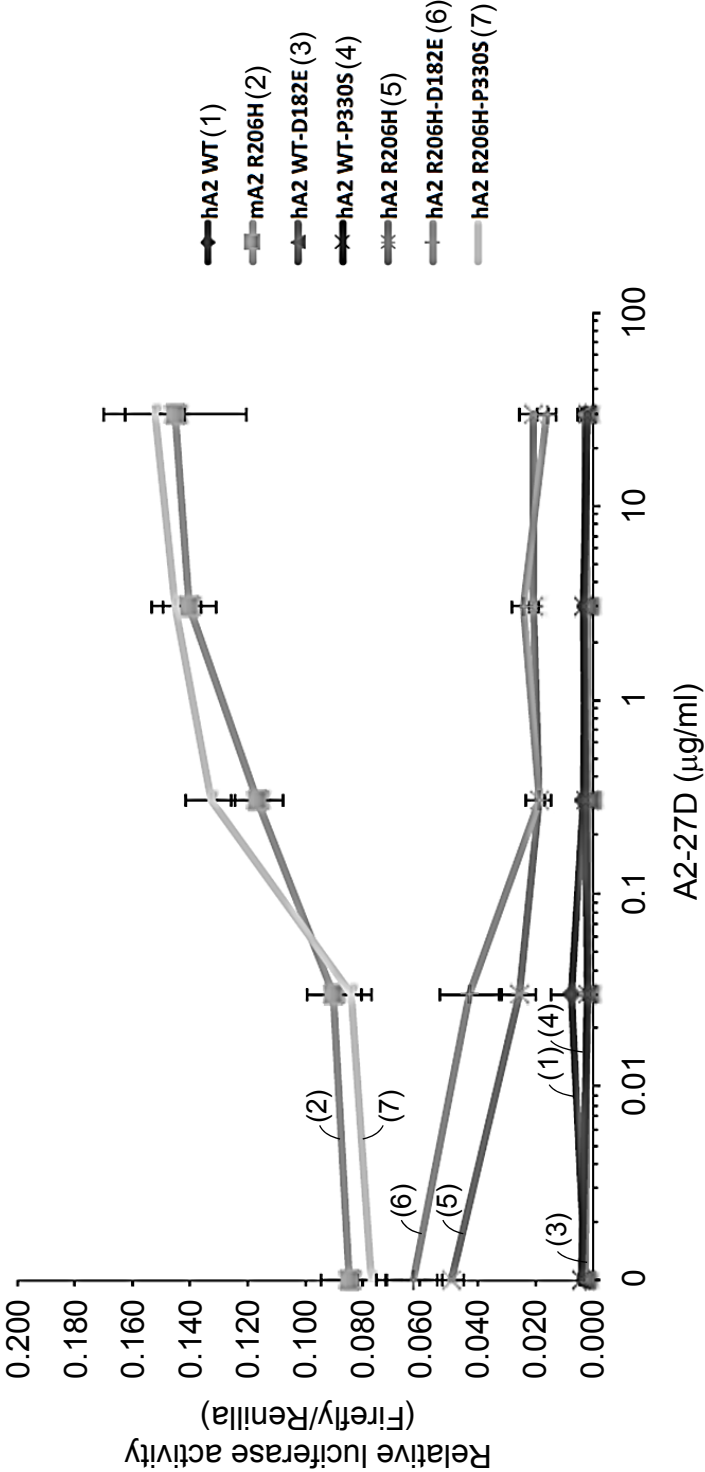


Fig. 6

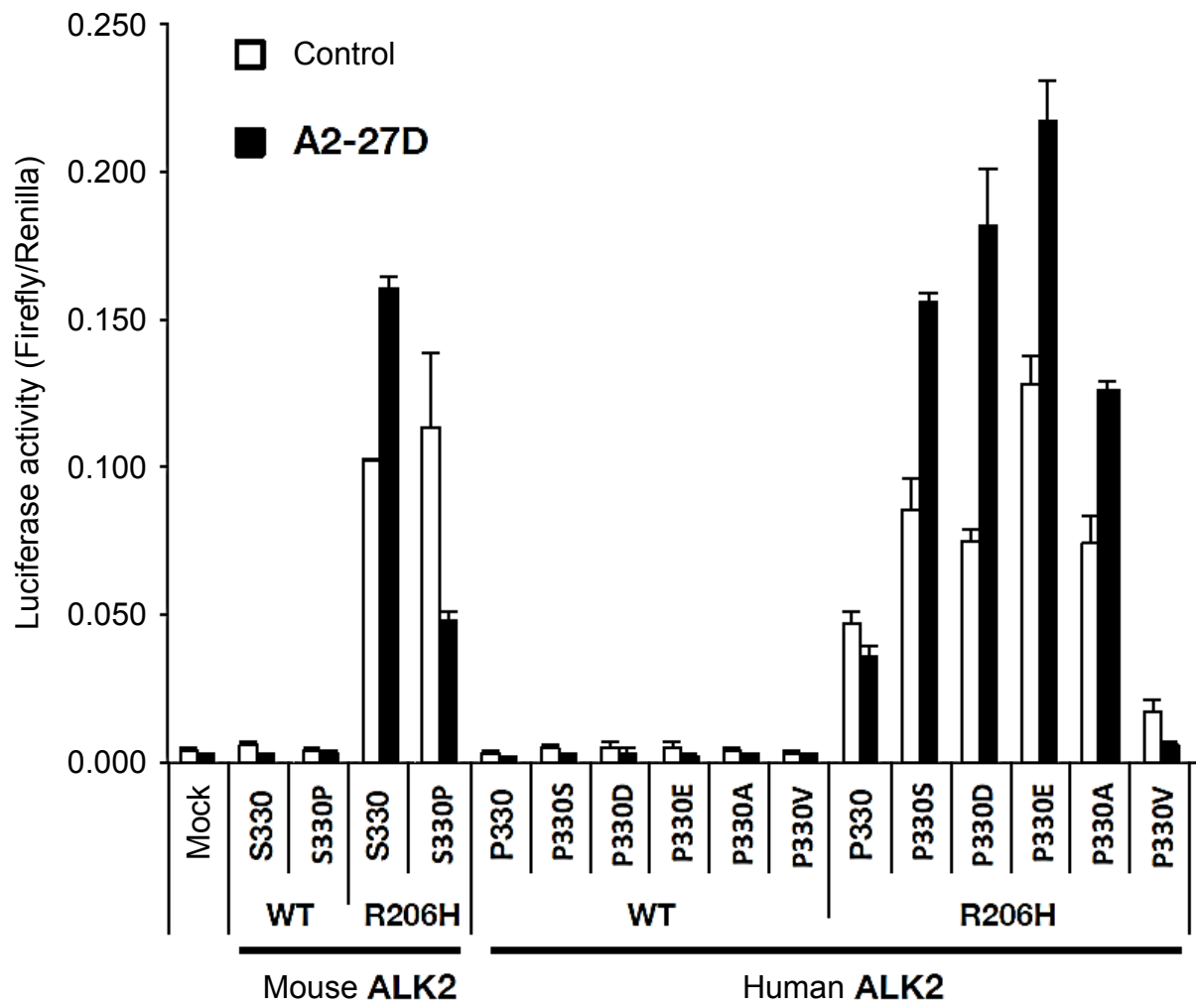


Fig. 7

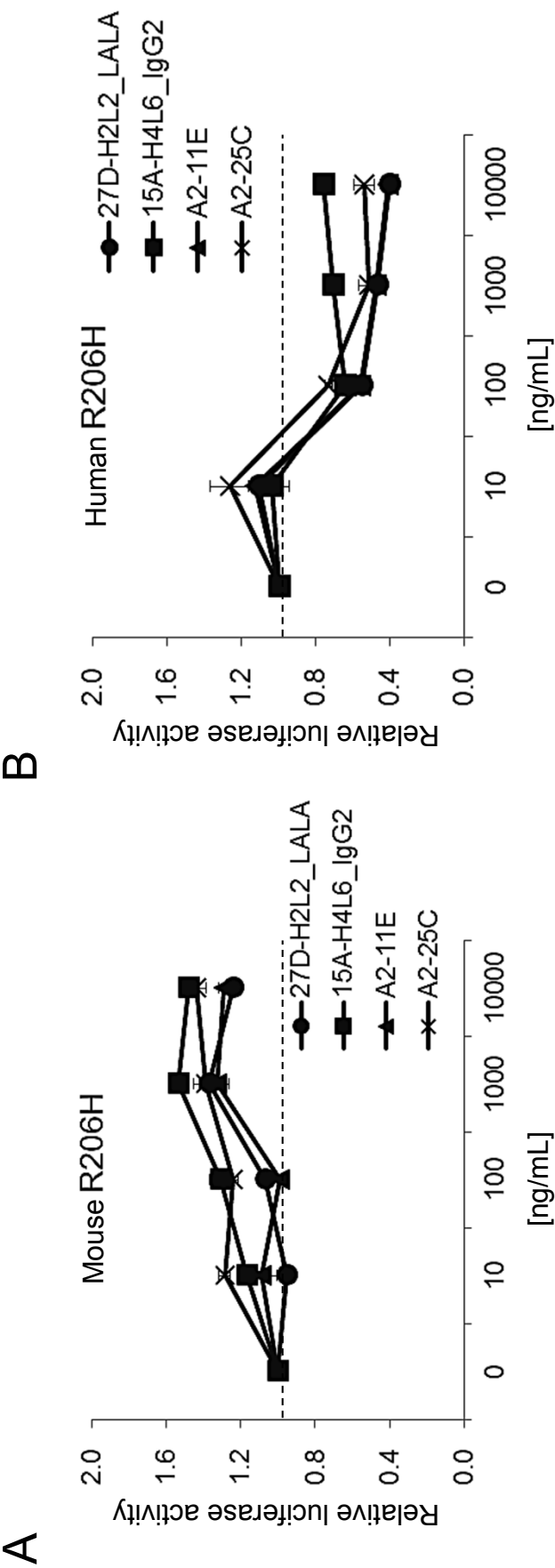


Fig. 8

