

Figure 1

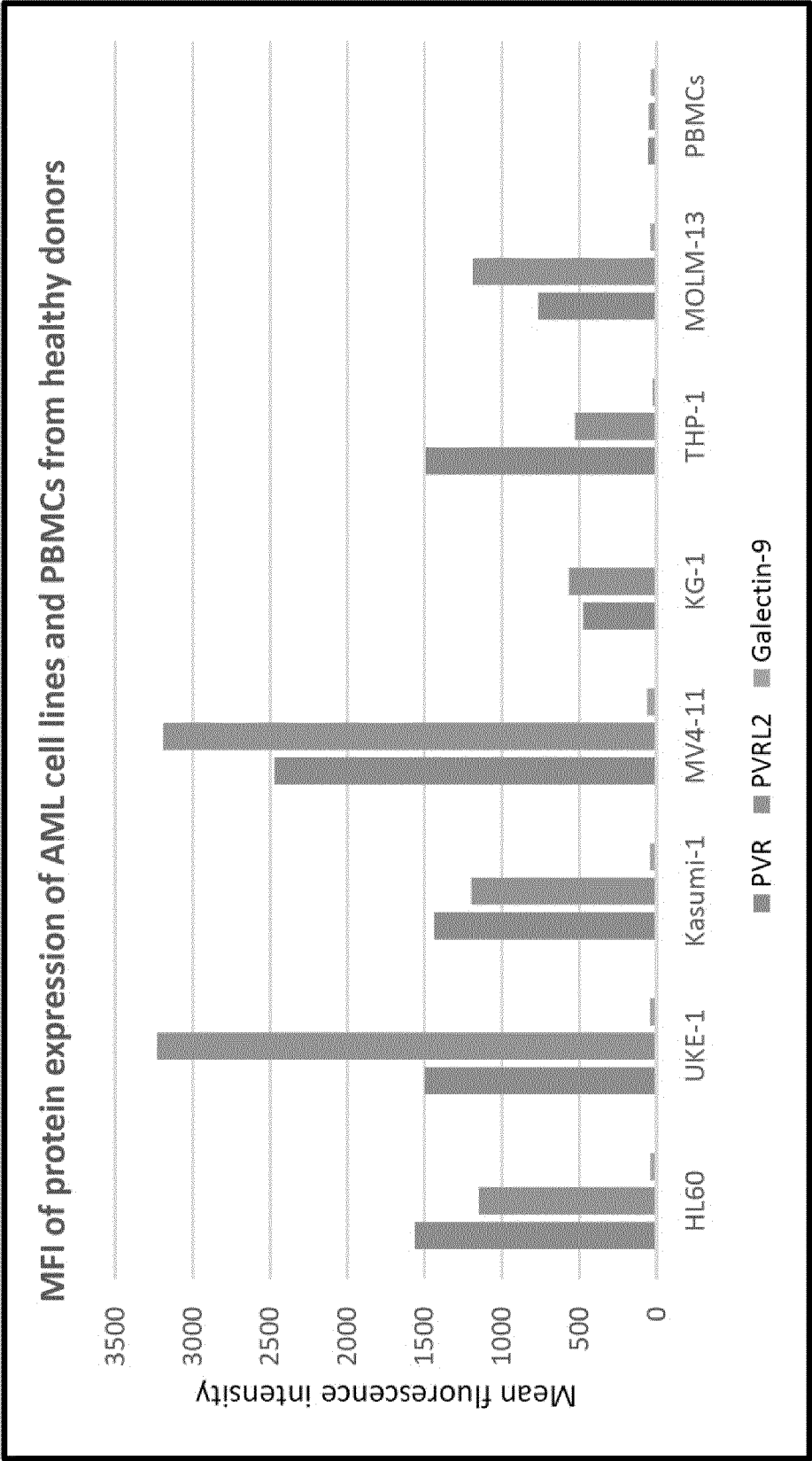


Figure 2

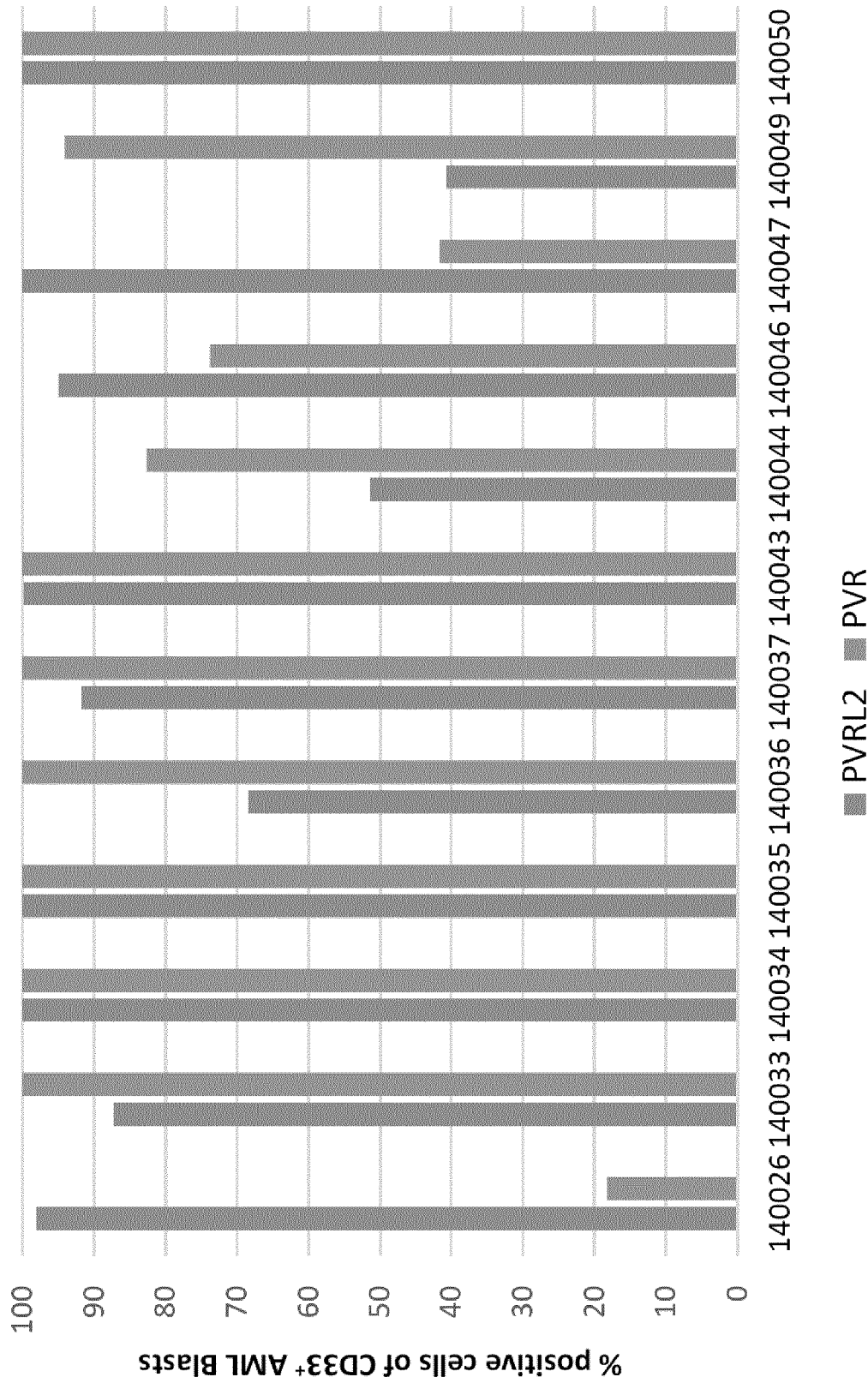


Figure 3

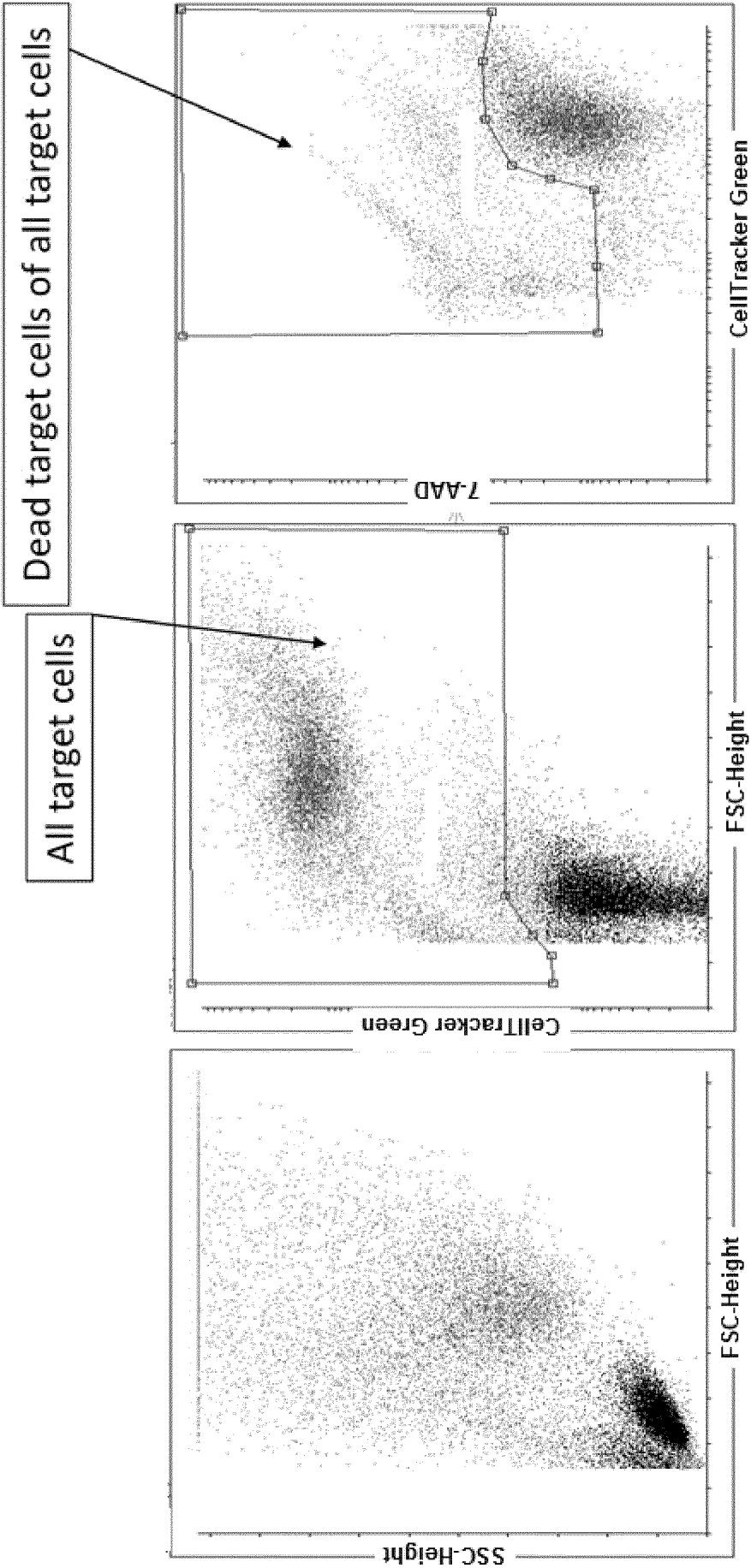
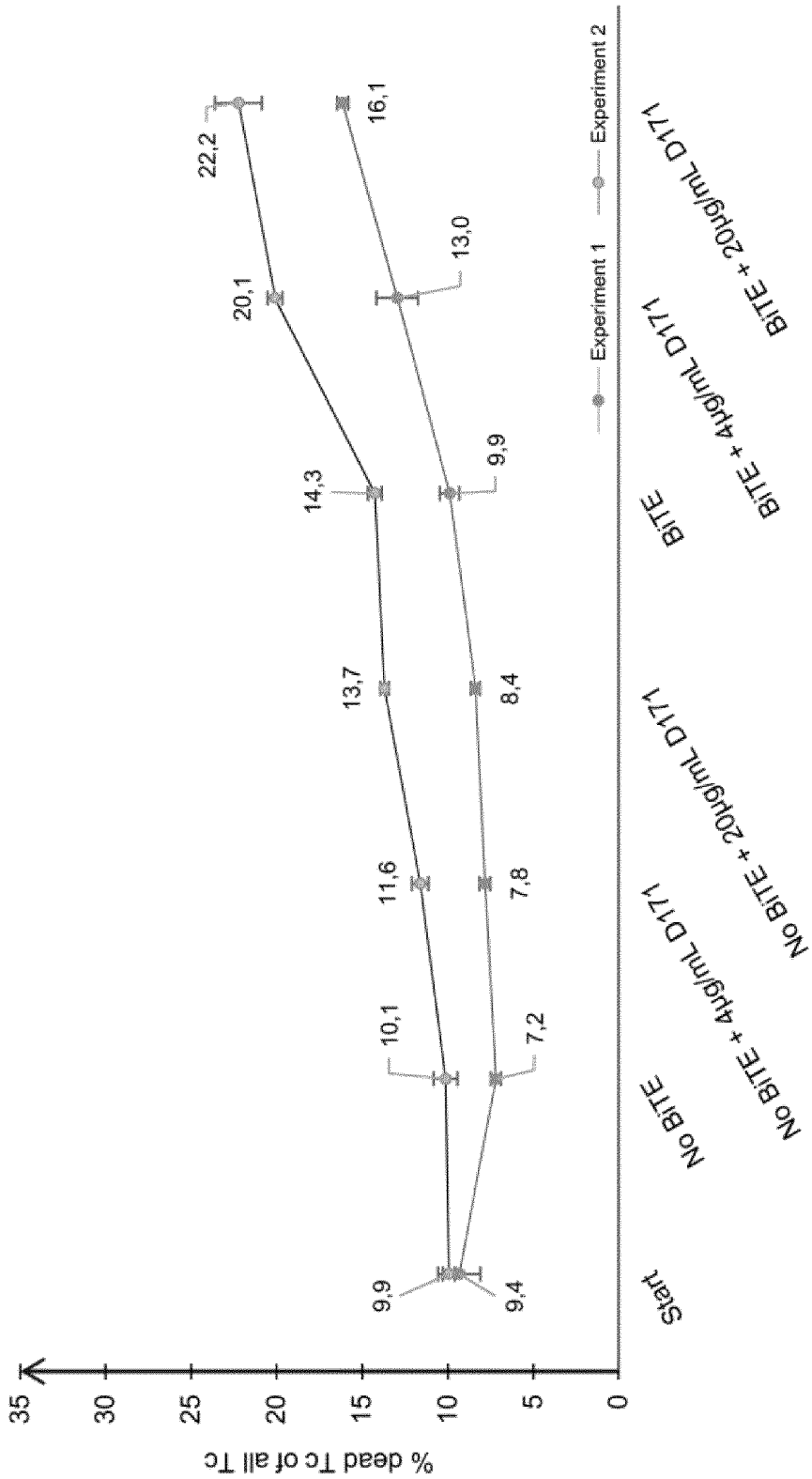


Figure 4

Overview: MV4-11 + PVR-D171



0h 24h

Figure 5

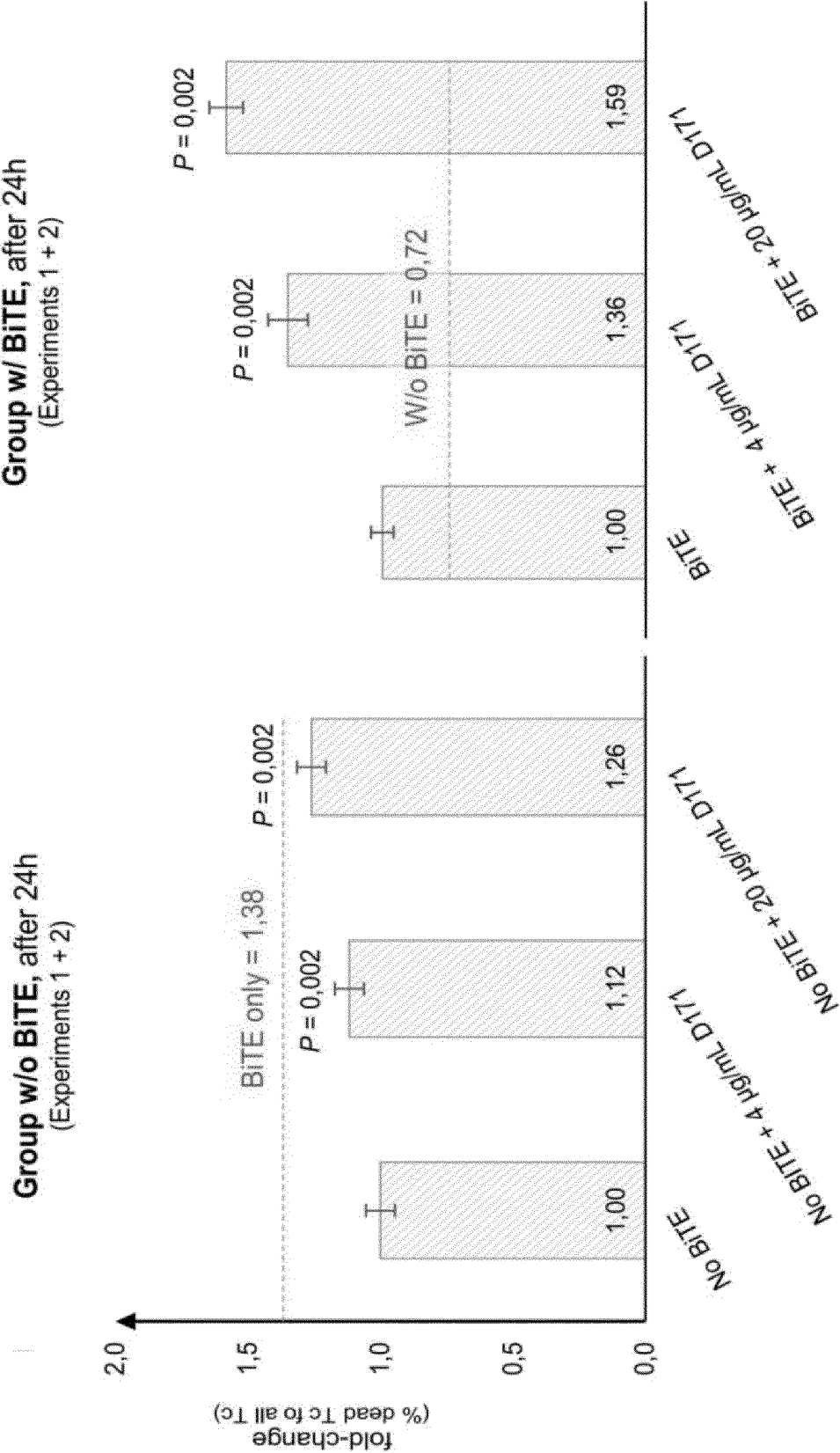
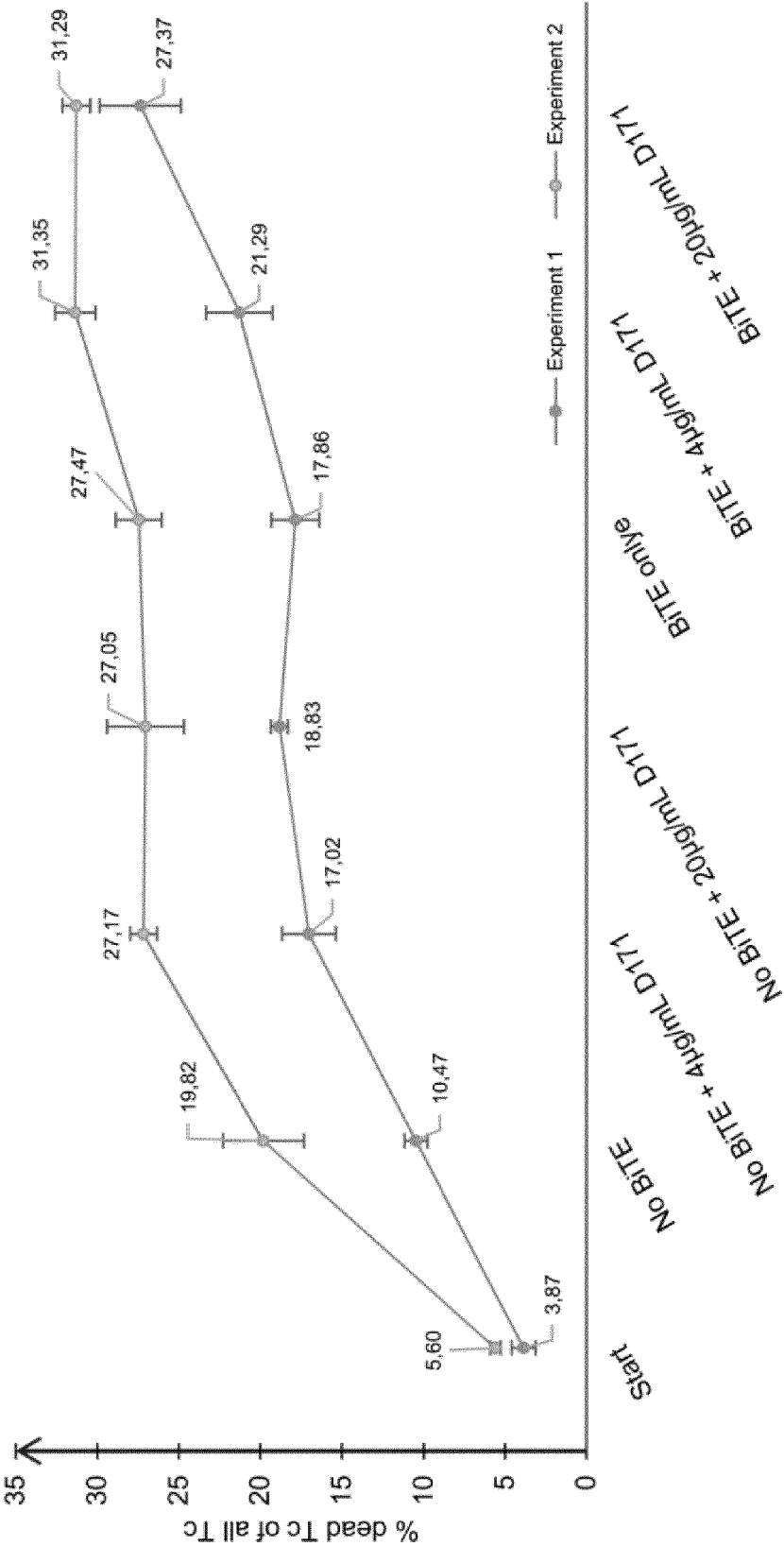


Figure 6

Overview: KG-1 + PVR-D171



0h 24h

Figure 7

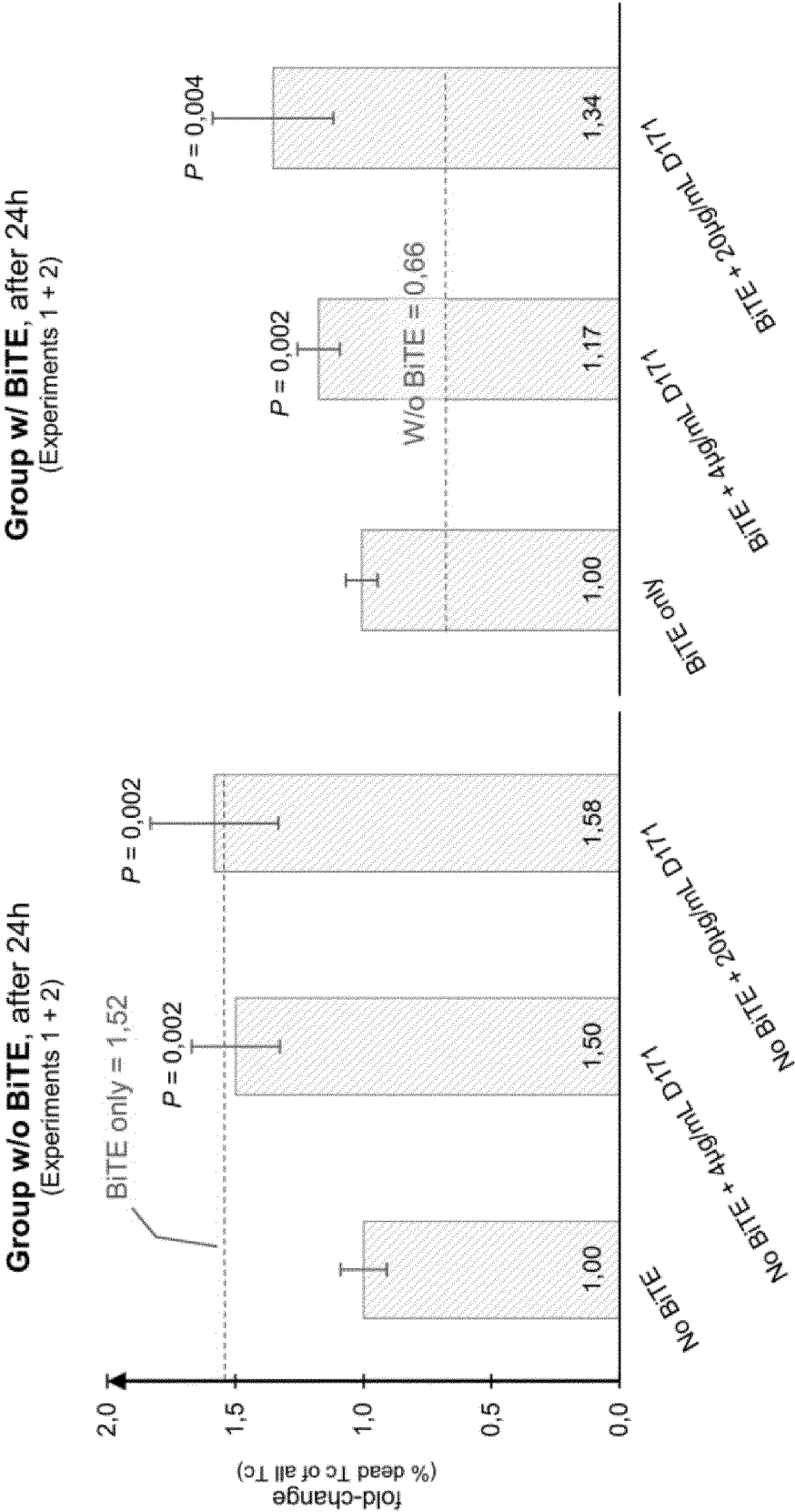


Figure 8

Overview: MV4-11 + PVRL2-L14

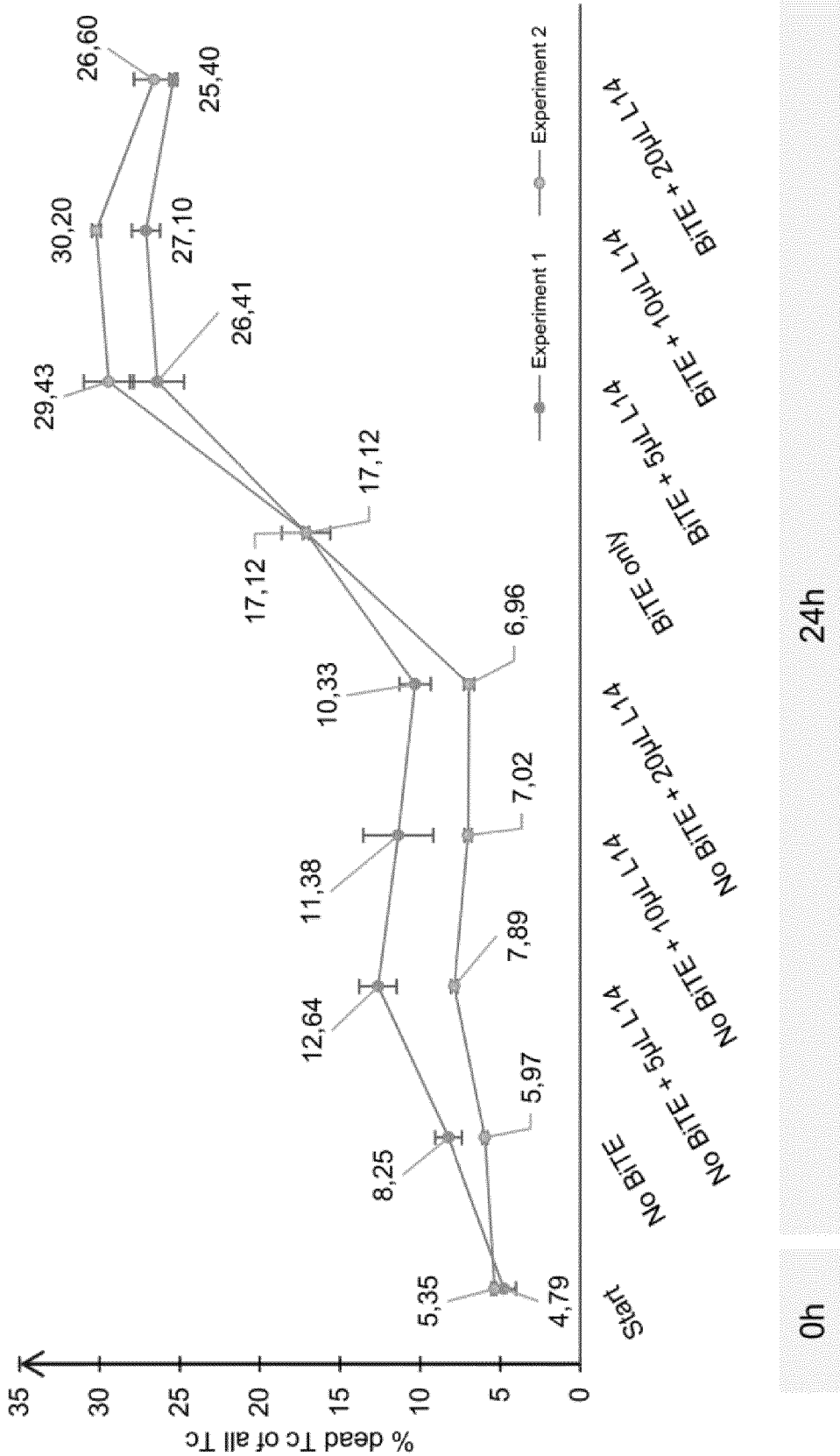


Figure 9

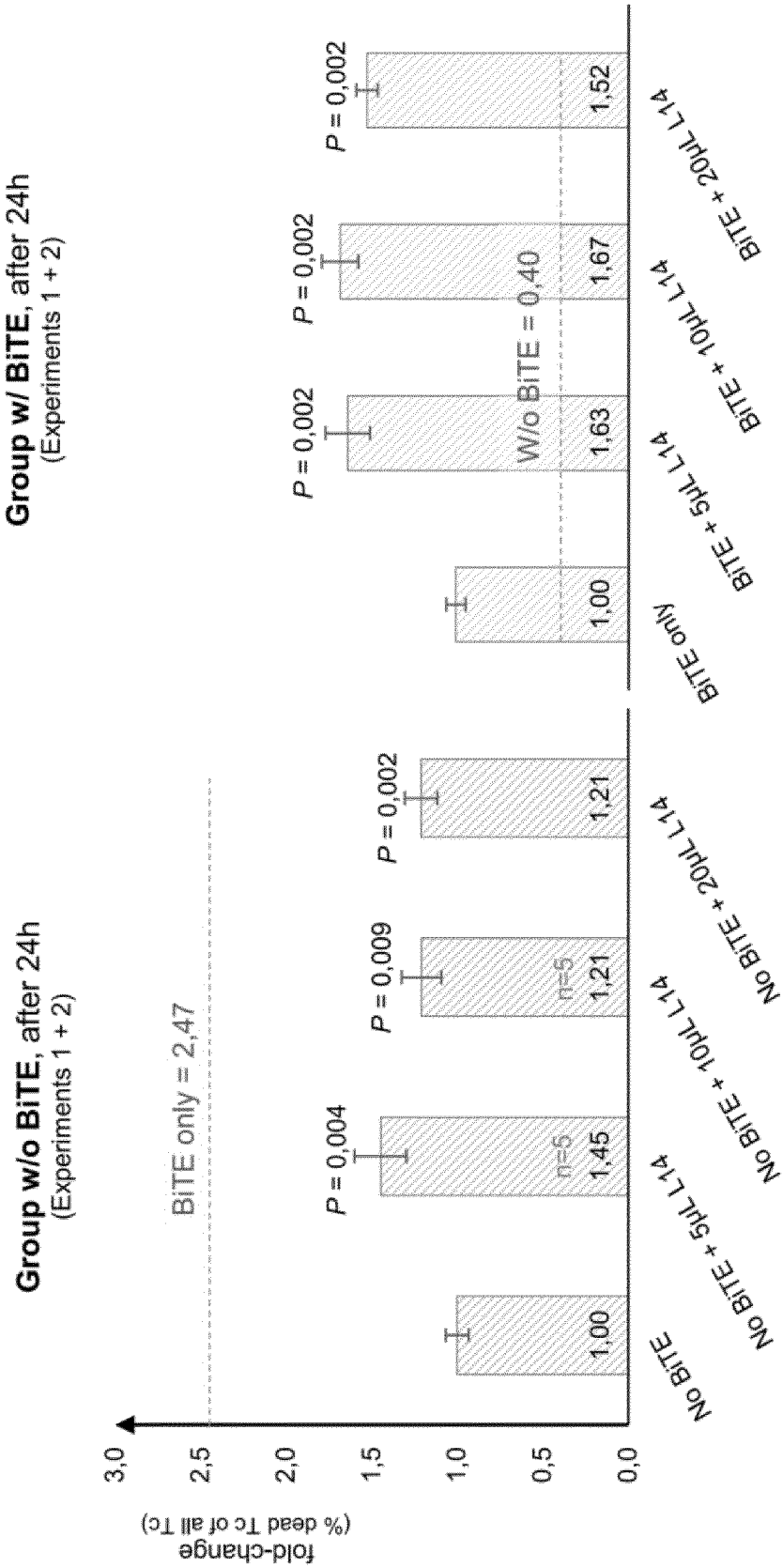


Figure 10

Overview: Kasumi-1 + PVRL2-L14

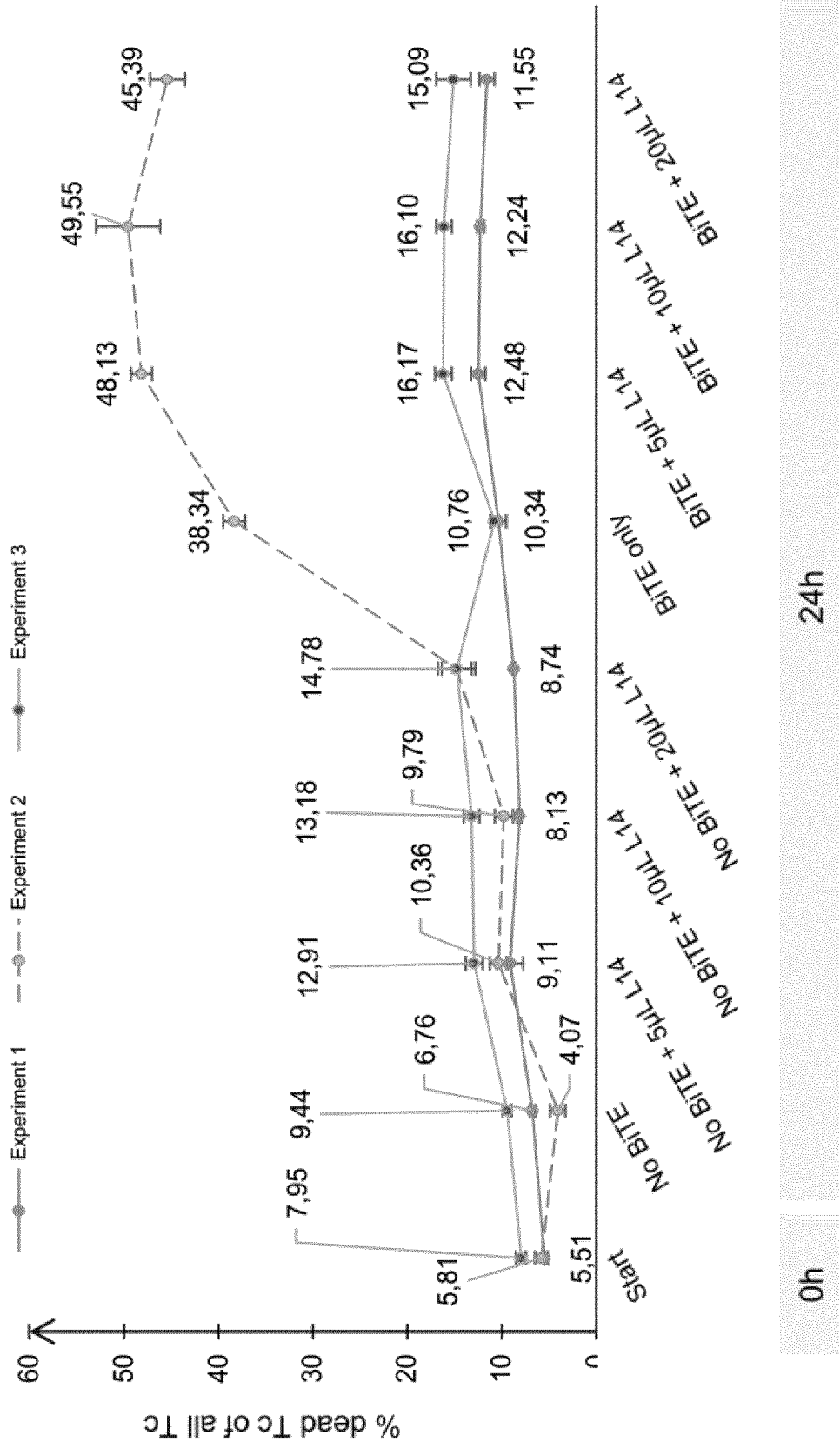


Figure 11

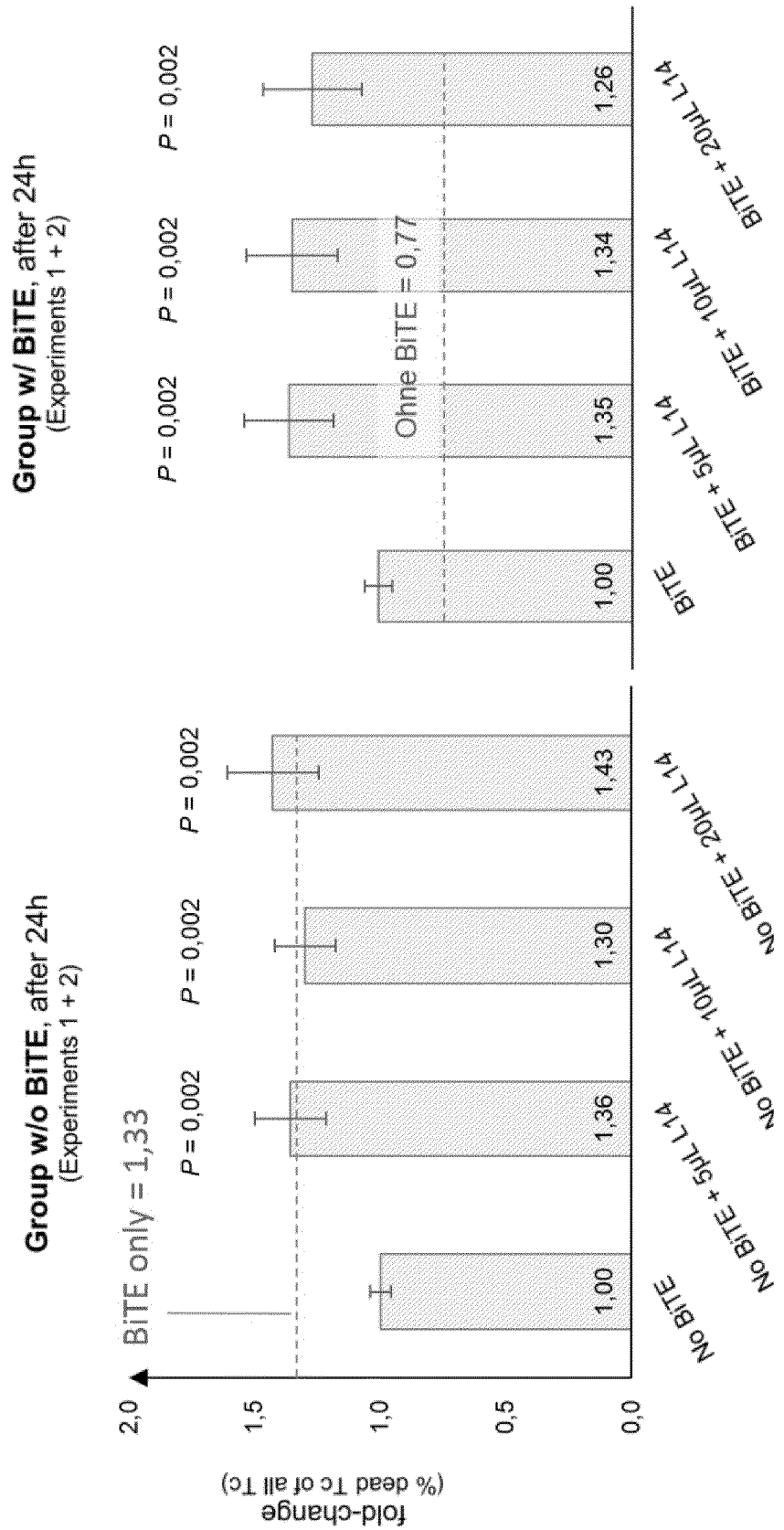
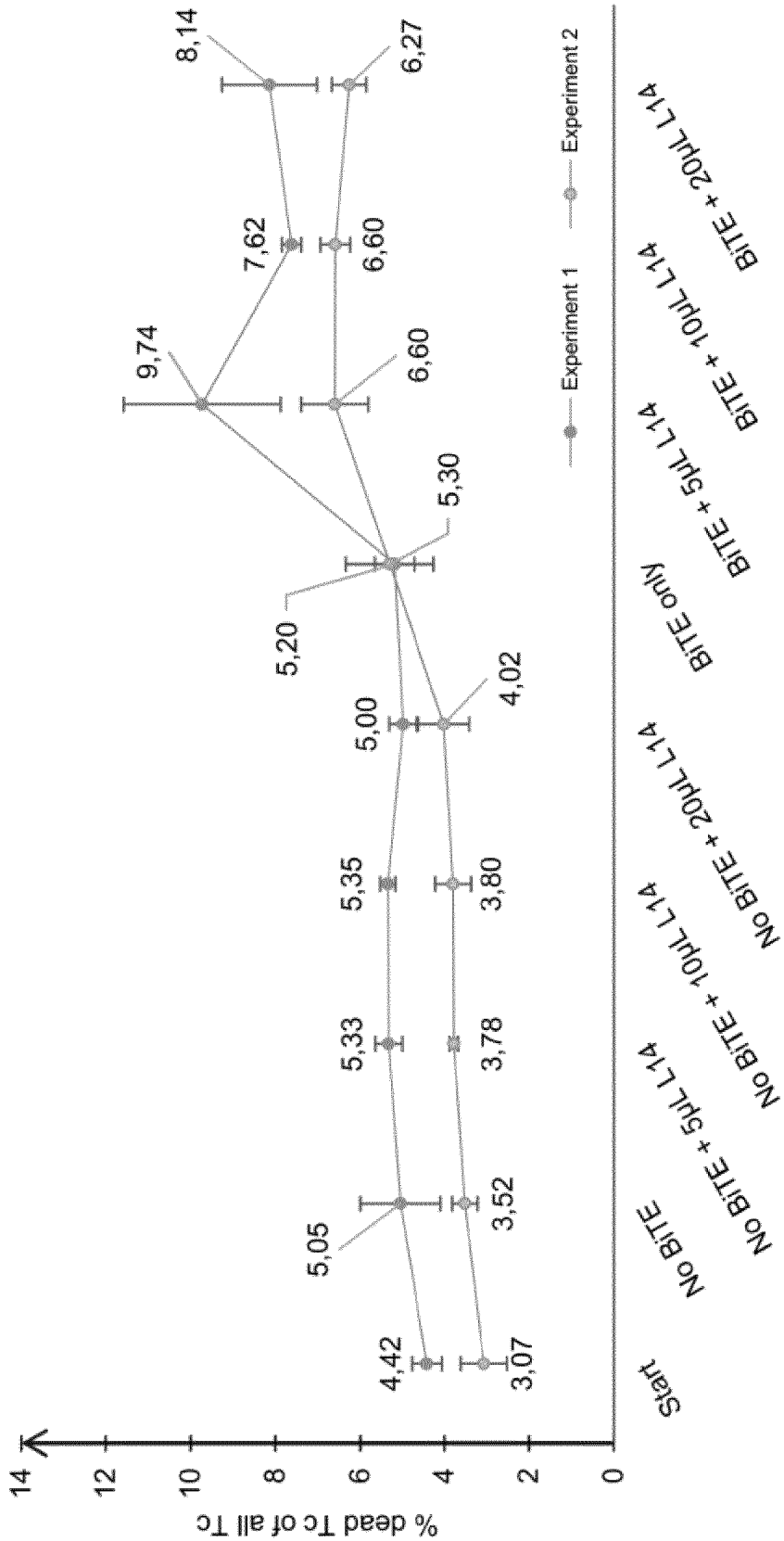


Figure 12

Overview: UKE-1 + PVRL2-L14



0h 24h

Figure 13

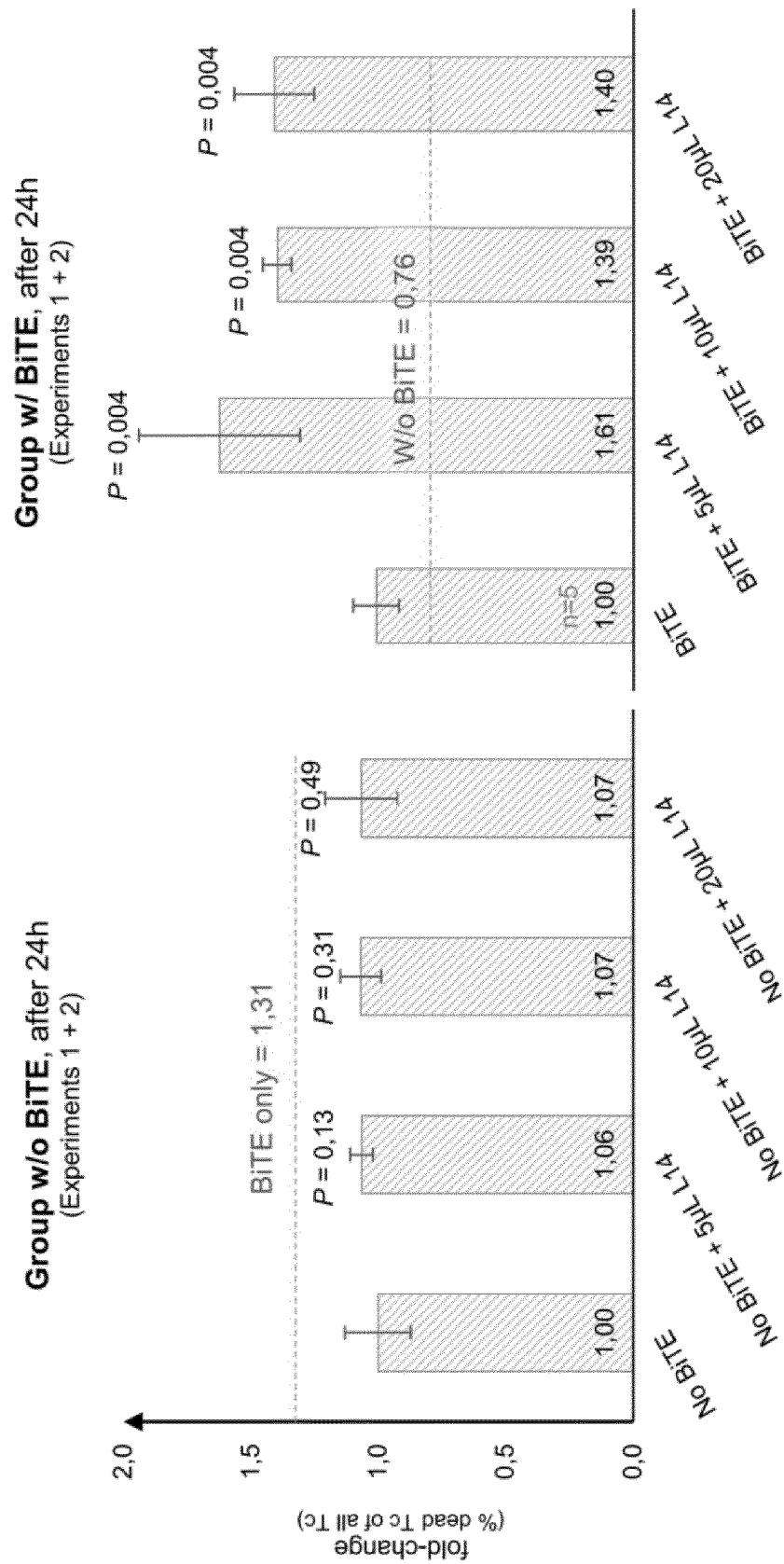


Figure 14

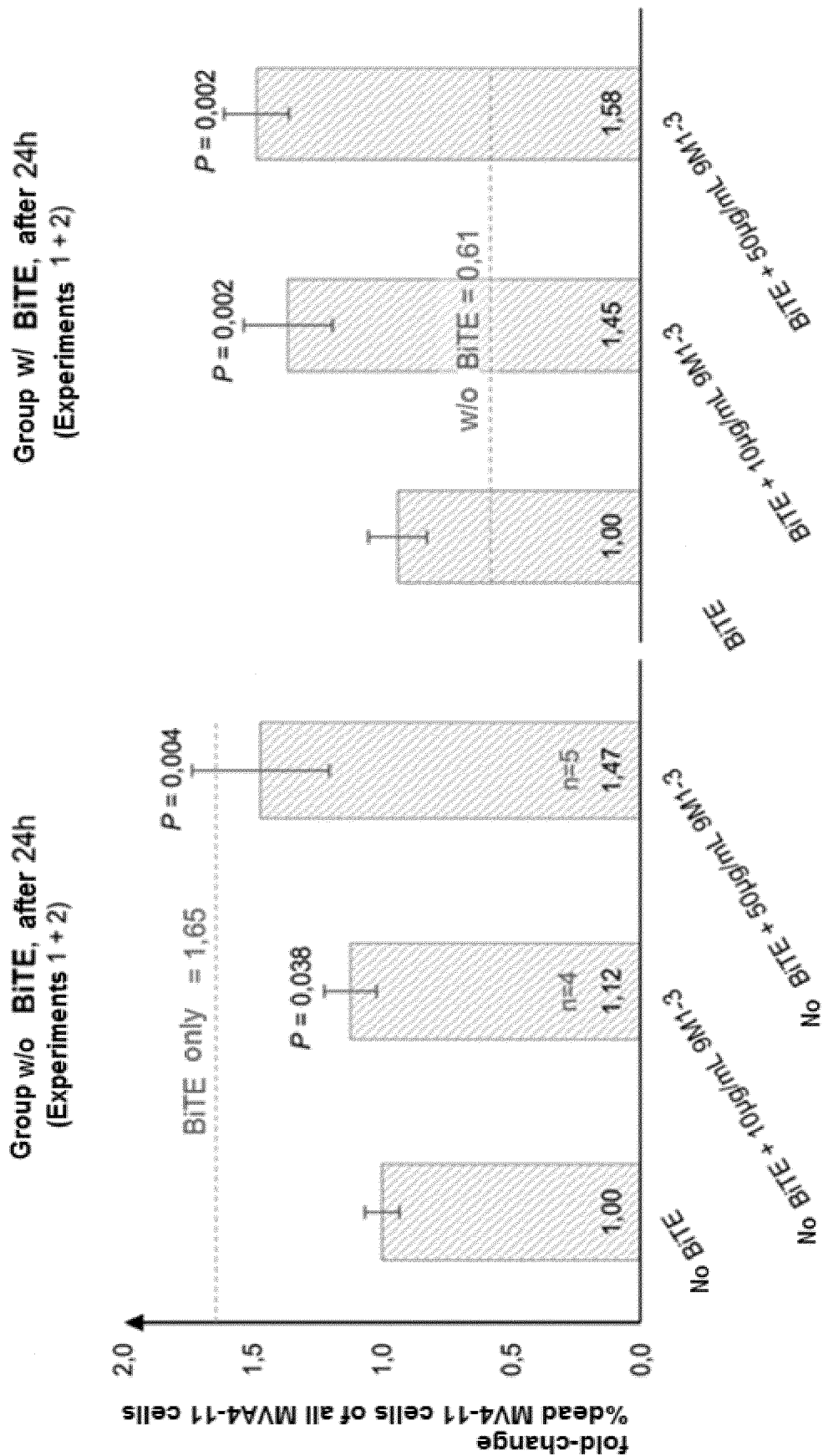


Figure 15

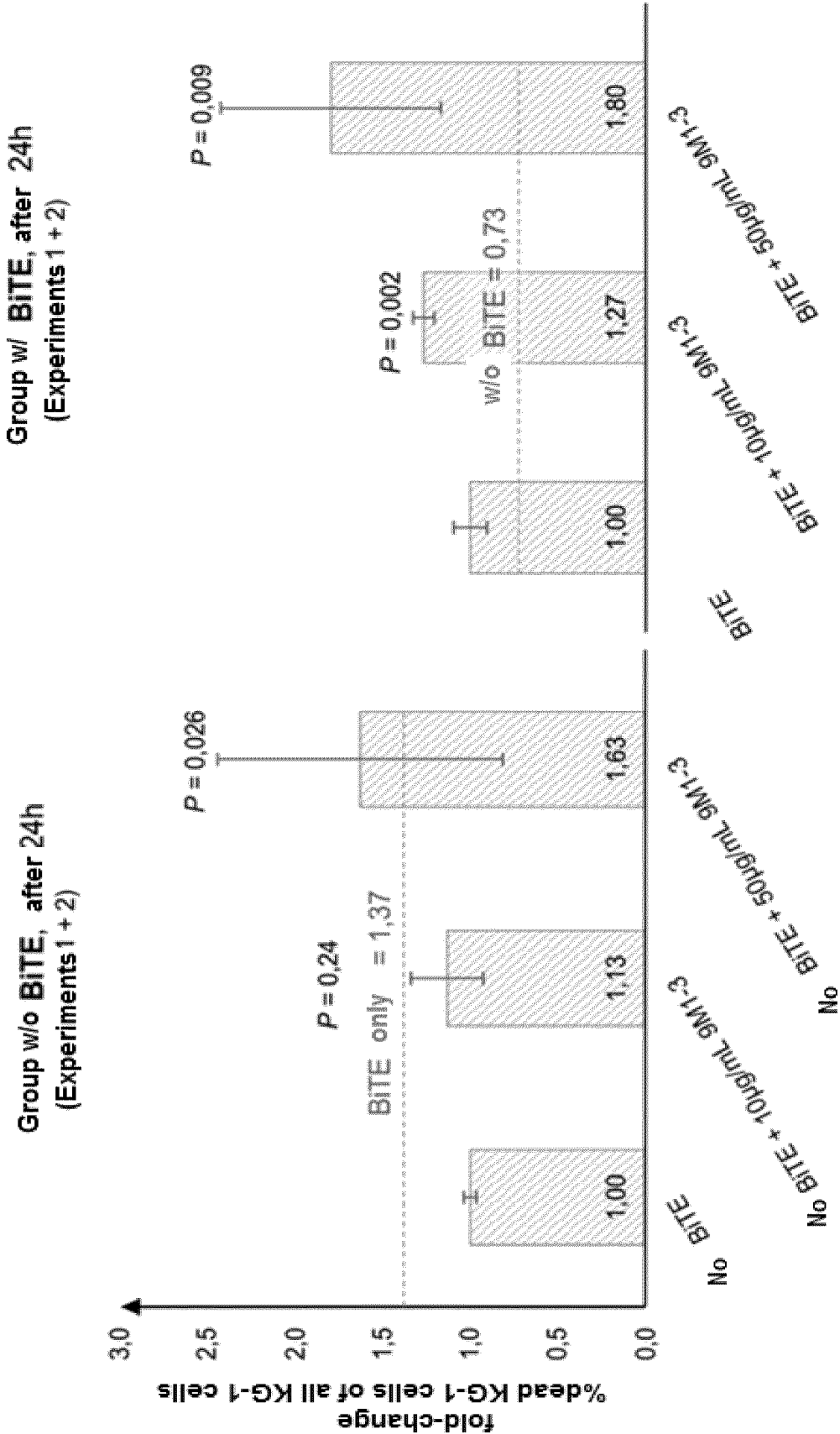


Figure 16

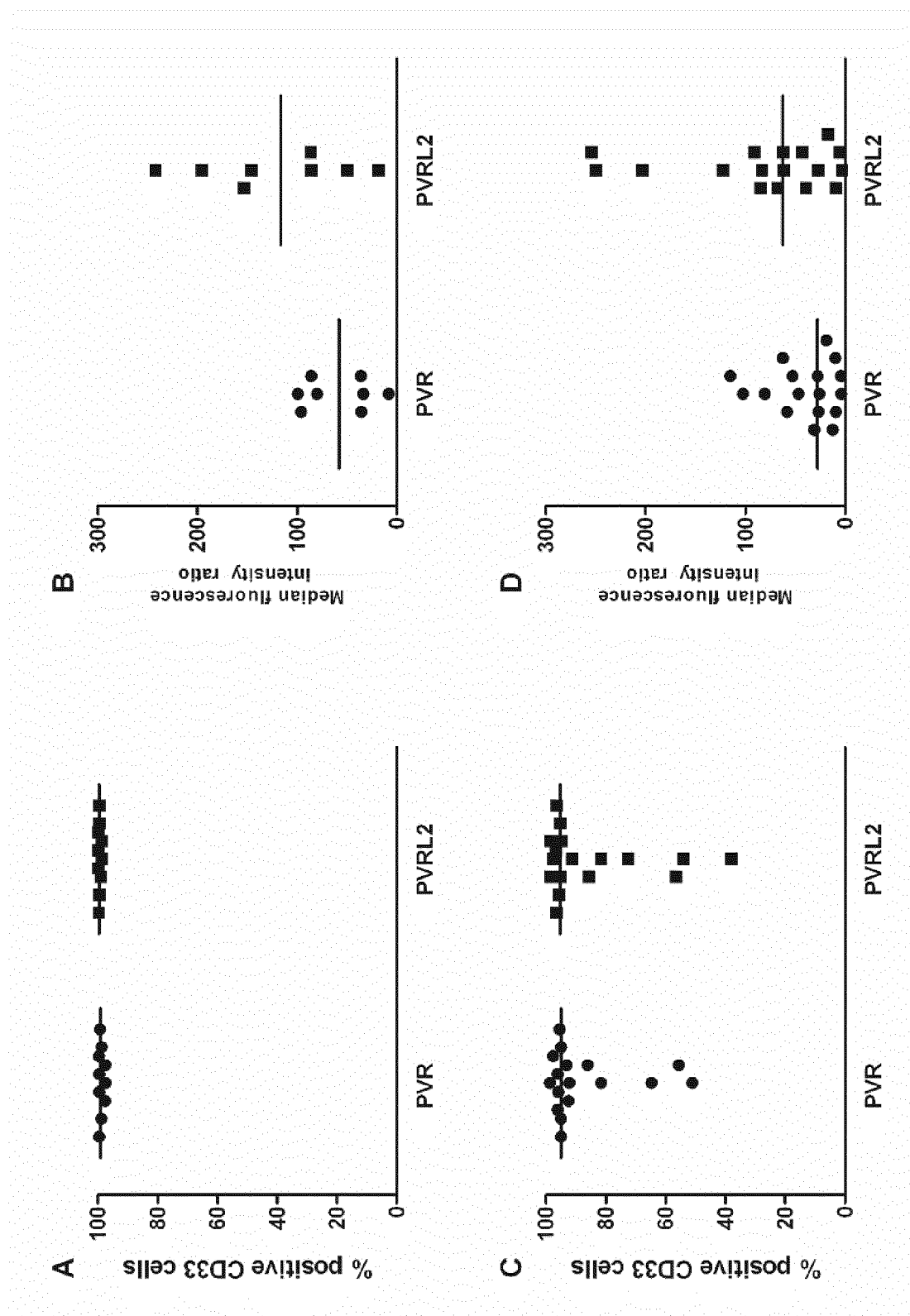


Figure 17

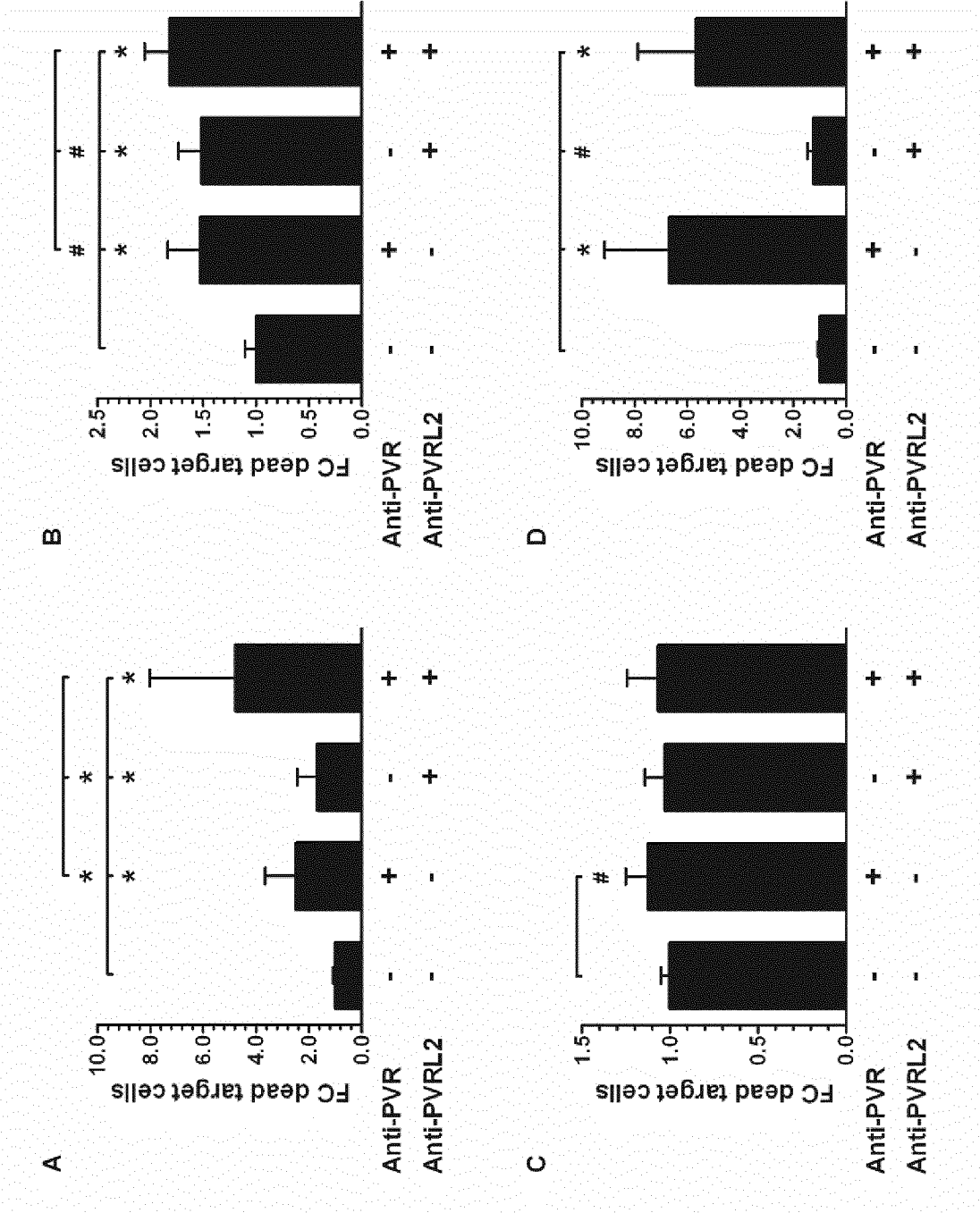


Figure 18

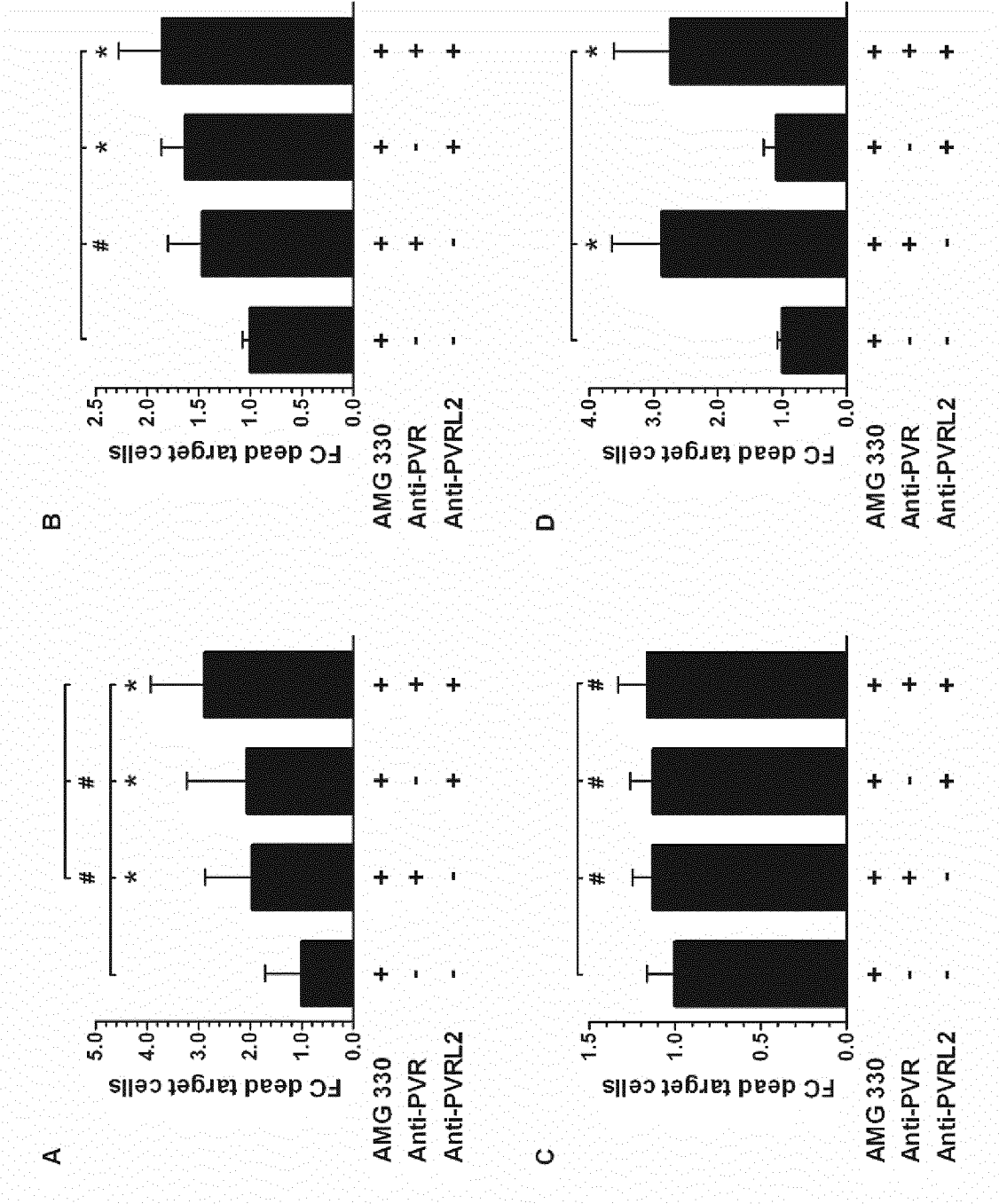


Figure 19

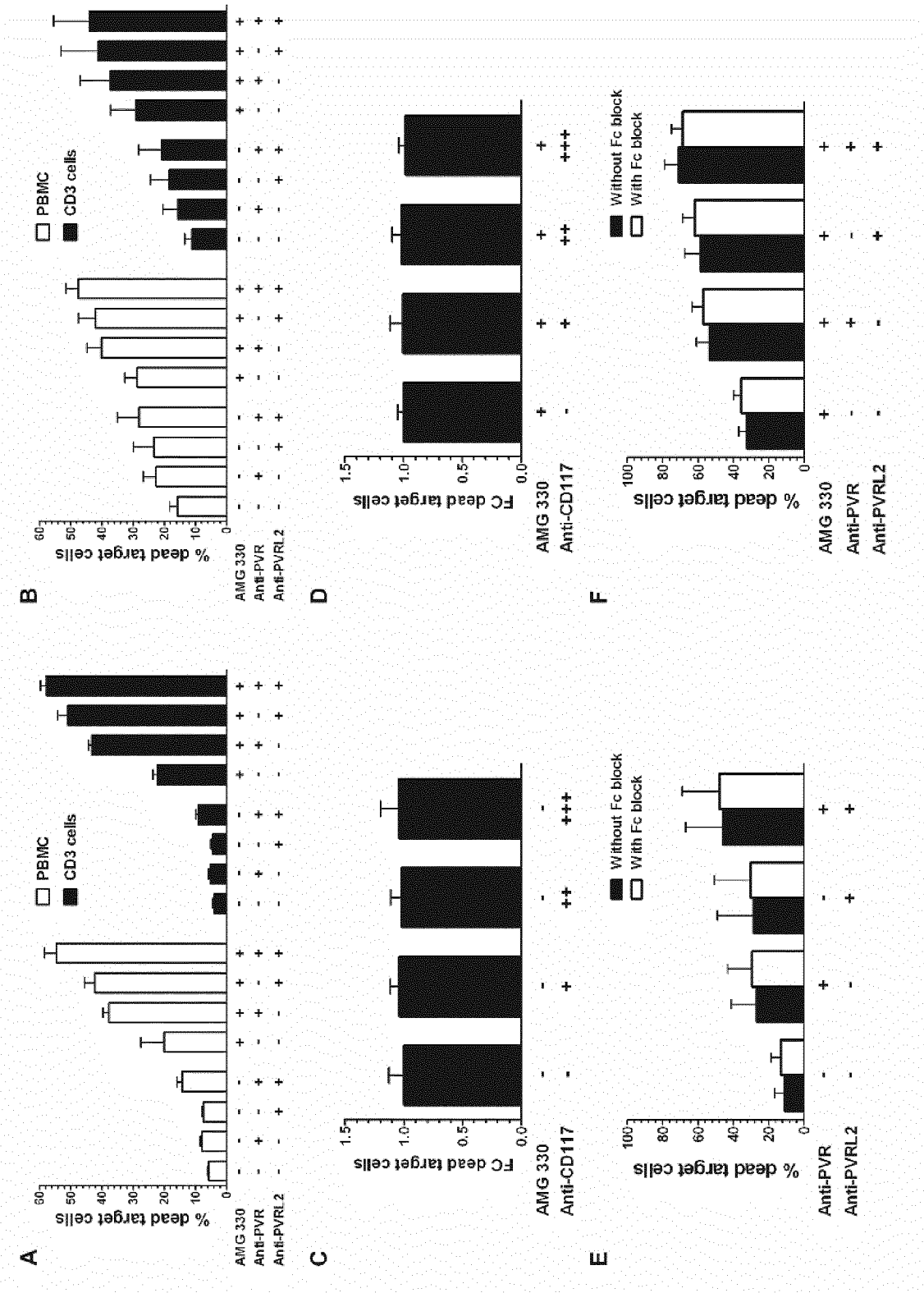


Figure 20

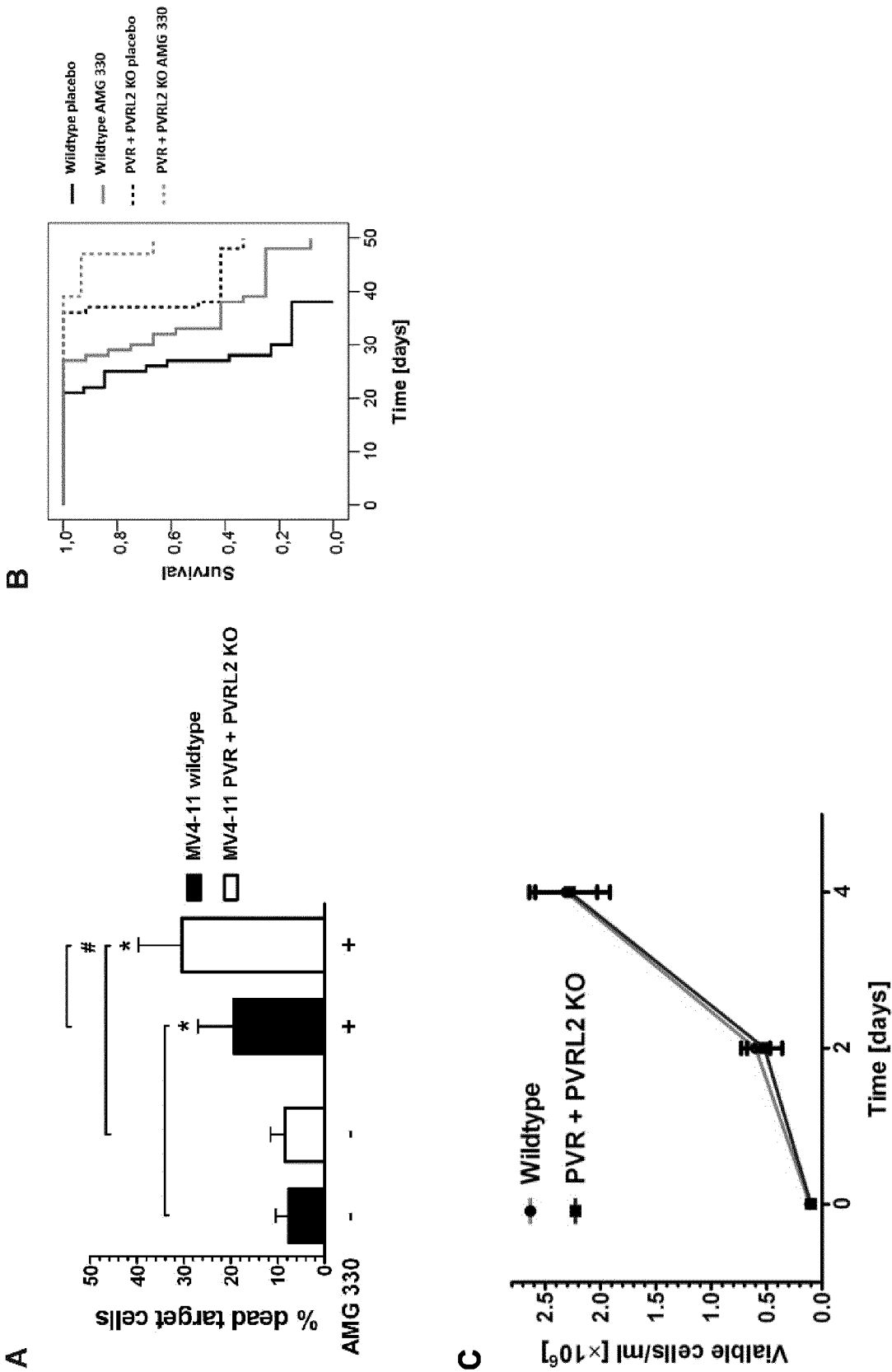


Figure 21

A				
PVR (NCBI Ref Seq NM_006505.3)				
	Targeted Region	PAM		
WT sequence	CTGAGGATGTTCCGGGTTCCGCGTAGAGGATGAAGG			Wildtype protein (417 AA)
PVR KO Result #1	CTGAGGATGTTCCGGGTTGCGC--TAGAGGATGAAGG			Premature stop codon → Truncated protein (AA 1-114)
PVR KO Result #2	CTGAGGATGTTCCGGGTTGCGCG--GAGGATGAAGG			Premature stop codon → Truncated protein (AA 1-116)
PVR KO Result #3	CTGAGGATGTTCCGGGTTGCGCG-----GATGAAGG			Premature stop codon → Truncated protein (AA 1-115)
B				
PVRL2 (NCBI Ref Seq NM_001042724.1)				
	Targeted Region	PAM	Targeted Region	(Reverse complementary orientation)
WT sequence	CATGGCCCCGGCGCTGCCCTCCTGCCGTCGAGATCGCCCGCCGACGCCGCTGCTGTGGCCGCTGCTG			Wildtype protein (538 AA)
PVRL2 KO Result #1	CATGGCC-----			Premature stop codon → Truncated protein (AA 1-75)
PVRL2 KO Result #2	CATGGCCATGG-----AG-----GA-----GCTG			Deletion of AA 3 to 21, Insertion of 2× Glutamic acid
PVRL2 KO Result #3	CATGGCCCCGGCGCGCTGCCCTCCTTGCCGTCGAGATCGCCCGCCGACGCCGCTGCTGTGGCCGCTGCTG			Premature stop codon → Truncated protein (AA 1-87)