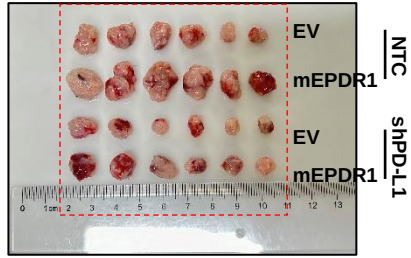


A



B

	Days	EV + NTC						mEPDR1 + NTC						EV + shEPDR1						mEPDR1 + shEPDR1					
Tumor Volume (mm ³)	10	75.1	78.8	93.5	82.6	29.7	27.1	130.9	113.1	134.2	99.2	64.8	39.0	120.7	133.0	61.9	65.5	35.2	31.0	106.6	124.8	101.5	55.1	29.6	37.4
	13	240.5	172.3	162.1	127.3	85.3	36.6	264.0	168.0	225.4	141.0	102.9	68.4	151.8	152.9	69.9	82.7	37.2	33.9	190.3	204.7	177.1	69.3	36.8	93.3
	16	310.9	265.2	200.6	168.4	138.3	53.1	500.0	475.7	454.8	407.4	169.6	165.3	189.2	239.0	79.8	118.3	46.9	52.7	438.0	325.4	279.7	137.5	126.1	113.3
	19	496.9	416.9	291.9	251.3	156.8	72.9	708.0	722.5	629.1	597.0	240.2	399.4	417.7	319.5	97.8	170.7	59.1	77.5	576.6	435.1	309.5	188.9	206.4	156.6
	22	488.4	645.5	432.1	538.2	150.2	147.9	1096.3	981.6	1169.1	969.4	394.9	450.7	523.8	385.7	142.7	193.8	68.5	128.5	831.2	523.5	386.9	222.8	249.1	213.6

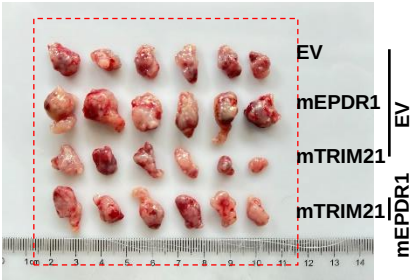
C

	EV + NTC						mEPDR1 + NTC						EV + shEPDR1						mEPDR1 + shEPDR1					
Tumor weight (g)	0.58	0.4	0.41	0.33	0.29	0.37	0.82	0.9	1	0.71	0.48	0.42	0.3	0.18	0.15	0.12	0.11	0.08	0.42	0.53	0.2	0.39	0.34	0.2

D-E

		EV + NTC						mEPDR1 + NTC						EV + shEPDR1						mEPDR1 + shEPDR1					
% of CD8 ⁺ T cells	PD1	52.1	52.8	49.6	51.9	56.3	47.5	77.2	63.2	61.9	60	59.8	59.7	22	21.8	9.68	14	16.9	17.6	16	24.6	19.4	27.1	22.9	19.6
	TIM3	42.7	41.5	54.9	24.8	25.9	28.1	80.7	57.9	52.4	51.6	55.4	41.8	7.32	12.1	10.8	16.3	11.6	5.51	24.4	13.6	10.8	16.7	22.9	24.3
	IFN γ	25.5	24.6	27.2	22.7	25.6	21.8	9.65	15.8	20.2	10.7	8.97	16.8	44.8	35	35.4	43.7	32.8	47.3	48.1	32	44.9	49.1	43	37.1
	GZMB	25.3	29.9	27.9	21.1	26.5	23.2	16.6	21.3	22.1	18.6	16.8	23.9	36.8	37.5	37.4	36	35.2	37.9	34.2	36.1	34.6	35.4	30.1	31.2

F



G

	Days	EV + EV						mEPDR1 + EV						EV + mTRIM21						mEPDR1 + mTRIM21					
Tumor Volume (mm ³)	10	125.6	98.3	86.1	113.2	70.8	45.6	134.7	122.8	128.3	78.7	66.8	72.8	38.2	58.3	48.8	27.2	25.6	22.0	69.1	57.9	44.2	58.1	32.8	43.7
	13	200.9	137.1	161.9	110.7	121.7	94.2	251.0	222.1	216.8	164.0	140.7	132.4	73.0	100.1	103.2	42.3	20.0	14.2	194.4	134.9	107.6	92.4	79.4	66.0
	16	308.9	186.3	194.8	160.1	177.6	129.6	422.2	418.7	322.7	255.1	280.4	288.0	186.7	160.5	130.1	72.3	41.7	23.1	348.0	182.0	190.0	158.0	131.1	121.6
	19	503.0	200.4	347.1	263.3	252.3	252.8	678.0	773.3	575.8	470.7	589.7	425.5	295.7	279.0	127.6	103.3	89.3	77.9	508.6	258.2	304.9	278.9	224.7	183.9
	22	692.4	297.3	440.7	391.8	390.6	314.7	999.9	1312.3	947.9	666.5	834.3	734.7	409.0	369.8	234.0	167.9	174.7	120.6	660.2	416.8	626.4	502.6	423.7	288.2

H

Tumor weight (g)	EV + EV						mEPDR1 + EV						EV + mTRIM21						mEPDR1 + mTRIM21					
	0.52	0.42	0.38	0.31	0.3	0.25	0.81	0.9	0.77	0.59	0.55	0.48	0.24	0.24	0.23	0.17	0.15	0.1	0.45	0.36	0.41	0.36	0.32	0.25

I

membrane-bound PDL1	EV + EV						mEPDR1 + EV						EV + mTRIM21						mEPDR1 + mTRIM21					
	1299	1145	1064	1080	1161	815	2083	1983	2398	2851	2518	3039	407	606	590	606	710	782	750	1511	1667	1552	1495	1626

J-K

% of CD8 ⁺ T cells		EV + EV						mEPDR1 + EV						EV + mTRIM21						mEPDR1 + mTRIM21					
	PD1	54.7	57.6	65.2	65.9	64.9	65.3	79.5	84.4	82.8	81.4	80.6	82.2	30.2	29.7	49.5	50.4	50.3	51.1	66.7	69.3	64.9	62.7	70	65.9
	TIM3	40.1	43.4	46.2	45.2	44.4	52.7	60.7	59.1	66.8	67.9	57.6	59.3	21.6	21.3	38.2	38.4	30.3	32.2	48.2	45.3	41.9	46.6	56.9	54.6
	IFN γ	34.4	37.7	34.6	42.1	41.5	40.4	28.2	28	16.6	29.6	29.9	17	62.5	61.1	52.7	58.7	62.6	57.8	46.6	38.1	48.3	60	46.8	35.3
	GZMB	32.5	25.3	30.1	30.1	30.2	33.4	23.1	32.6	20.5	22.5	25.9	20.6	40.7	40.7	42.1	40.2	36.3	41.8	34.5	33.4	36.1	36.9	37.2	32.7