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Loop Inserts, Biobrick Assembly

Gel extraction of 453 and 587 ViralBricks with pSB1C3_CMV_VP123_capins

	1	2	3	4	5	6	7	8	9	10	11	12	*13	*14	15	16	17	18	19
	453_BAP	587_BAP	587_K_O_BAP	453_RGD	587_RGD	587_K_O_RGD	453_His	587_His	587_KO_His	587_KO_empty	453_Z34C	Bla_587	453_empty	587_empty	Cap_453_1	Cap_453_2	Cap_587_1	Cap_587_2	Cap_587_3
Fragment sizes	107	108	108	89	90	90	80	81	81	48	158	830	48	56	5000	5000	5000	5000	5000
DNA-Conc.	14,5	11,9	15,9	5,2	0,9	5,7	1,2	2,5	1,9	2,1	2,1	2,4	-	-	23,3	18,9	21,7	21,8	44,5

Ligation

Components	M M	Inserts													
		1	2	3	4	5	6	7	8	9	10	11	12	*13	*14
		453_BAP	587_BAP	587_KO_BAP	453_RGD	587_RGD	587_K_O_RGD	453_His	587_His	587_KO_His	587_KO_empty	453_Z34C	Bla	453_empty	587_empty
Volume Insert	x	6	6	6	6	6	6	6	6	6	6	6	6	-	-
Volume vector	x	Cap_453 2 µl	Cap_587 2 µl	Cap_587 2 µl	Cap_453 2 µl	Cap_587 2 µl	Cap_587 2 µl	Cap_453 2 µl	Cap_587 2 µl	Cap_587 2 µl	Cap_587 2 µl	Cap_453 2 µl	Cap_587 2 µl	Cap_453	Cap_587
T4Buffer	15	1	1	1	1	1	1	1	1	1	1	1	1	-	-
T4 Ligase	15	1	1	1	1	1	1	1	1	1	1	1	1	-	-
Total volume		10	10	10	10	10	10	10	10	10	10	10	10	10	10

*Cloning of 453_empty and 587_empty for BioBrick assembly will be done another time, because no vector was cut.