Description: Strategy for double sorting of degron-Cas-Repressor systems
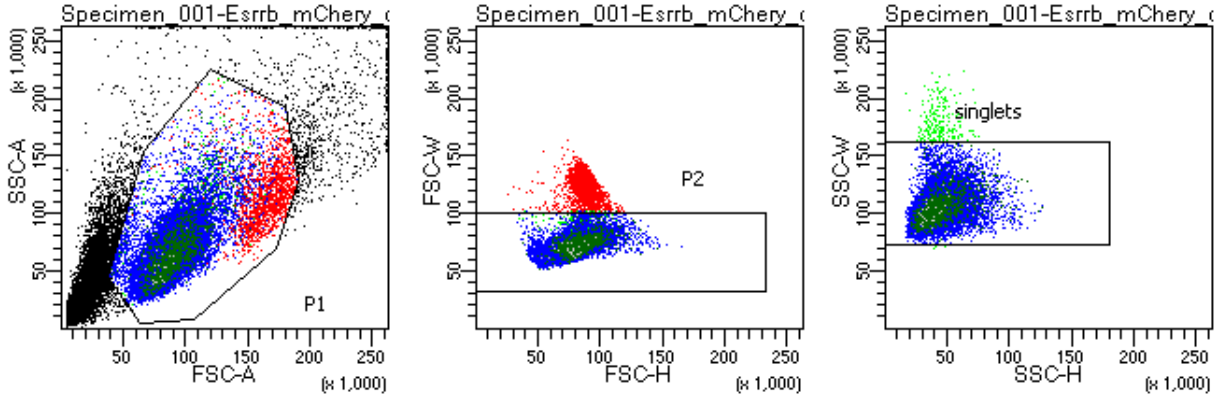Cells are first sorted gating on BFP levels with a wider gate (BFP+), expanded and then sorted again (M population).
*Page 2: Example of first sorting. Sample: degron-dCas9-KRAB. Population sorted: BFP+
*Page 3: Example of second sorting. Sample: degron-dCas9-KRAB. Population sorted: M and Hi.
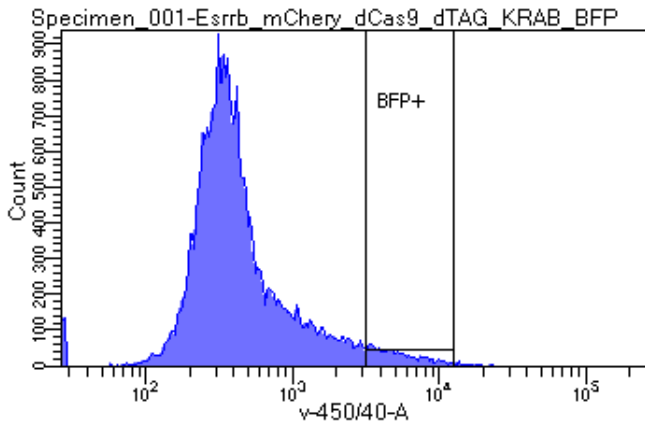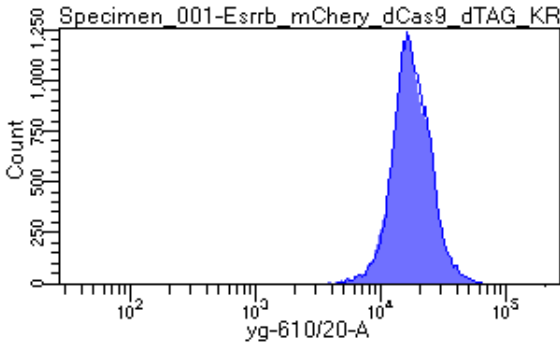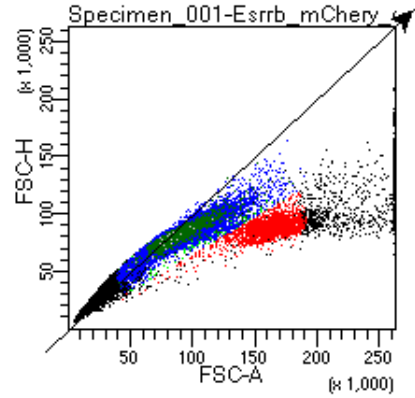Population M is used for all the experiments described in the manuscript.
The same gating coordinates are applied to all samples.

Specimen_001-Esrrb_mChery_

Specimen_001-Esrrb_mChery_

Specimen_001-Esrrb_mChery_

singlets

P2

P1

Tube: Esrrb_mChery_dCas9_dTAG_KRAB_BFP

Population	#Events	%Parent	%Total
■ All Events	37,981	####	100.0
■ P1	30,000	79.0	79.0
■ P2	28,317	94.4	74.6
■ singlets	28,078	99.2	73.9
■ BFP+	1,369	4.9	3.6
■ negative	27	0.1	0.1

Specimen_001-Esrrb_mChery_

Specimen_001-Esrrb_mChery_dCas9_dTAG_KR

Specimen_001-Esrrb_mChery_dCas9_dTAG_KRAB_BFP

BFP+

BD FACSDiva 8.0.1

Specimen_001-dTAG_krab (SSC-A vs FSC-A, P1)

Specimen_001-dTAG_krab (FSC-W vs FSC-H, P2)

Specimen_001-dTAG_krab (SSC-W vs SSC-H, singlets)
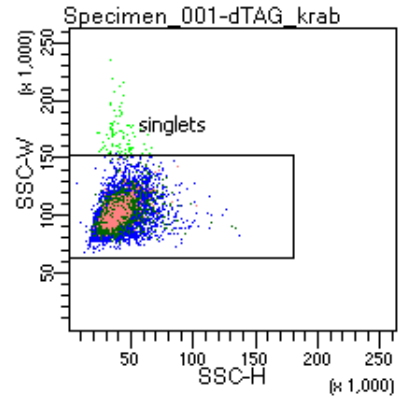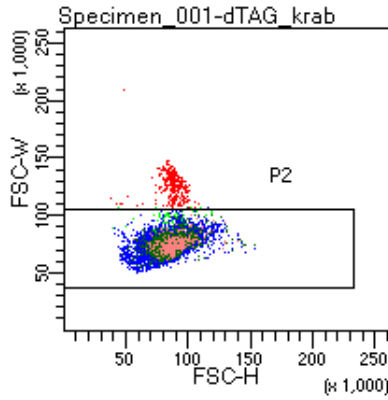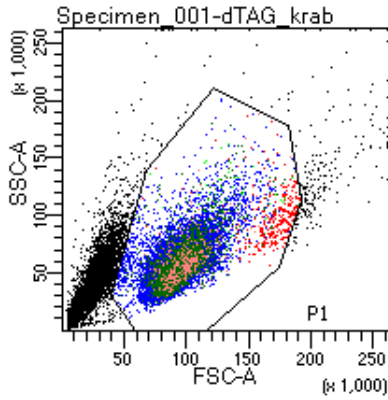
Tube: dTAG_krab

Population	#Events	%Parent	%Total
■ All Events	24,131	####	100.0
■ P1	20,000	82.9	82.9
■ P2	19,683	98.4	81.6
■ singlets	19,594	99.5	81.2
■ M	2,645	13.5	11.0
■ Hi	363	1.9	1.5

Specimen_001-dTAG_krab (FSC-H vs FSC-A)

Specimen_001-dTAG_krab (Count vs v-450/40-A)

Specimen_001-dTAG_krab (Count vs yg-610/20-A)