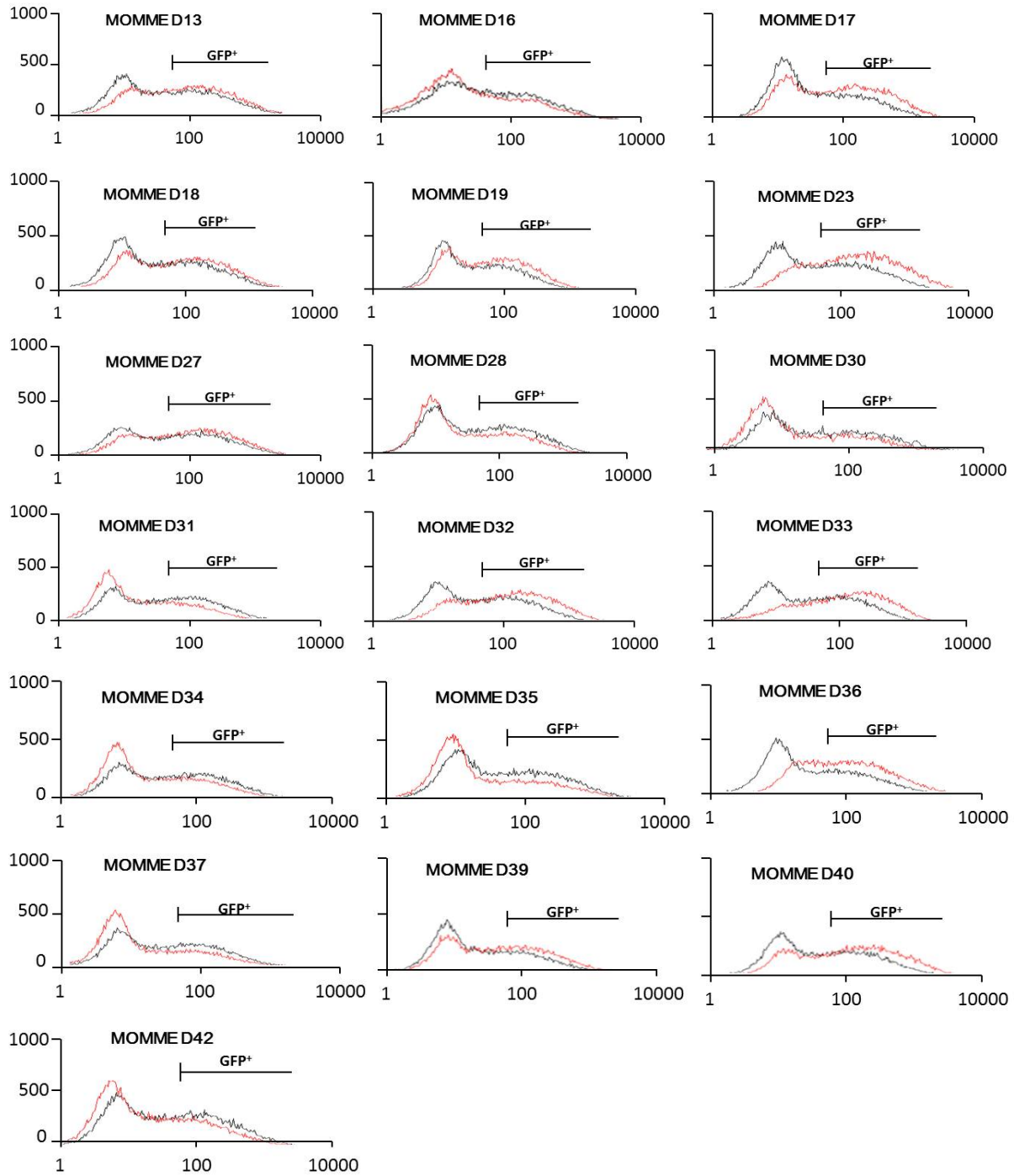


**a**



**b**

Suppressors of Variegation - Percentage GFP Expressing Cells				
Name	Gene	+/+	-/+	-/-
MommeD13	<i>Setdb1</i>	53 ± 4	67 ± 3	
MommeD17	<i>Setdb1</i>	54 ± 4	65 ± 4	80 ± 4
MommeD18	<i>Rif1</i>	54 ± 2	65 ± 2	83 ± 2
MommeD19	<i>Smarcc1</i>	54 ± 2	65 ± 5	
MommeD23	<i>Smchd1</i>	59 ± 2	88 ± 2	98 ± 2
MommeD27	<i>Pbrm1</i>	60 ± 4	71 ± 3	
MommeD32	<i>Dnmt1</i>	59 ± 4	80 ± 3	
MommeD33	<i>Suv39h1</i>	60 ± 2	71 ± 4 <sup>#</sup>	
MommeD36	<i>Smchd1</i>	57 ± 2	84 ± 2	
MommeD39	<i>Smarca4</i>	59 ± 2	71 ± 2	
MommeD40	<i>Uhrf1</i>	58 ± 3	75 ± 1	

Enhancers of Variegation - Percentage GFP Expressing Cells				
Name	Gene	+/+	-/+	-/-
MommeD8	<i>Rif</i>	54 ± 4	41 ± 4	15 ± 4
MommeD16	<i>Baz1b</i>	57 ± 2	42 ± 2	20 ± 4
MommeD28	<i>Rif</i>	59 ± 3	44 ± 3	7*
MommeD30	<i>Wiz</i>	59 ± 3	46 ± 3	
MommeD31	<i>Trim 28</i>	58 ± 3	46 ± 2	
MommeD34	<i>Rif</i>	52 ± 6	39 ± 5	11 ± 2
MommeD35	<i>Smarca5</i>	58 ± 1	41 ± 3	
MommeD37	<i>Smarca5</i>	54 ± 3	32 ± 2	
MommeD42	<i>Brd1</i>	56 ± 2	44 ± 3	

\* Data from the single viable *D28/D28* mutant  
<sup>#</sup> % GFP expressing cells in hemizygous male *D33/0* mice