

**Supplemental Table:****A. The summary of donor transgene and recipients in this study.**

<b>Pig ID</b>	<b>Knockout</b>	<b>Transgenes</b>	<b>Number of gene modification (GE)</b>
14P31 14P41	GalT-KO/ CMAH-KO/B4-KO	hTBM, EPCR, hCD47, HO-1	7GE
15P60 14P180 15P46	GalT-KO/ CMAH-KO/B4-KO	hTBM, EPCR, hCD47, HO-1, hCD46, hCD55	9GE

**B. Cells for screening Ab FCM**

<b>Screening assay</b>	
<b>Recipients</b>	<b>Target cells</b>
All baboons	mTg Tri KO: GalT-KO/CMAH-KO/B4-KO, hTBM, EPCR, hCD47, HO-1, hCD46, hCD55 (9GE. Syngeneic to kidney donors) GalT-KO alone