placed on this supplemental material which has been supplied by the author(s)

Panel with HMA CyTOF Abs		
Marker	Clone	Metal
CD19	6D5	113In
CD45 for mouse	30-F11	115In
CD44	IM7	141Pr
CD38	90	142Nd
CD73	TY/11.8	143Nd
VEGF R1/Flt-1	141522	144Nd
CD4	RM4-5	145Nd
CD11c	N418	146Nd
LAG3	C9B7W	147Sm
Ly6G	1A8	148Nd
PD-L1	10F.9G2	149Sm
Arginase	POLYCLONAL	150Nd
Ly6C	HK1.4	151Eu
CD3	145-2C11	152Sm
CD172a/SIRPa	P84	153Eu
CD103	2E7	154Sm
CD68	FA-11	155Gd
CD14	Sa14-2	156Gd
CD205	NLDC-145	158Gd
CD39	Duha59	159Tb
CD11b	M1/70	160Gd
CD62L/L-Selectin	MEL-14	161Dy
FoxP3	FJK-16s	162Dy
NK1.1	PK136	163Dy
CD8a	53-6.7	164Dy
CD115	460615	165Ho
CD86/B7-2	GL-1	166Er
Granzyme B	GB11	167Er
CD64	X54-5/7.1	168Er
CD196/CCR6	29-2L 17	169Tm
PD-1H/VISTA	MH5A	170Er
CD279/PD-1	29F.1A12	171Yb
CD206	C068C2	172Yb
CD69	H1.2F3	173Yb
CCR2	SA230G11	174Yb
F4-80	BM8	175Lu
CD152/CTLA-4	UC10-4B9	176Yb
I-A/I-E (MHC II)	M5/114.15.2	209Bi