

**Supplementary Table 1. PCR primers utilized for single cell IgH and IgL amplification.**

PCR Round	Primer name	5'-3' sequence	Reference
<b>IgH 1<sup>st</sup> round</b>	5' MsVHE	GGGAATTCGAGGTGCAGCTGCAGGAGTCTGG	(Seidl, MacKenzie et al. 1997)
	3' IgG1_outter	GGATGACTCATCCCAGGGTCACCATGGAGT	(Seidl, MacKenzie et al. 1997)
<b>IgK 1<sup>st</sup> round</b>	5'L-V $\kappa$ _3	TGCTGCTGCTCTGGGTTCCAG	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _4	ATTWTCAGCTTCCTGCTAATC	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _5	TTTTGCTTTTCTGGATTYCAG	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _6	TCGTGTTKCTSTGGTTGTCTG	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _6,8,9	ATGGAATCACAGRCYCWGGT	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _14	TCTTGTGCTCTGGTTYCCAG	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _19	CAGTTCCTGGGGCTCTTGTTGTTC	(Tiller, Busse et al. 2009)
	5'L-V $\kappa$ _20	CTCACTAGCTCTTCTCCTC	(Tiller, Busse et al. 2009)
	3'mC $\kappa$ _outter	GATGGTGGGAAGATGGATACAGTT	(Tiller, Busse et al. 2009)
	<b>IgH 2<sup>nd</sup> round</b>	5' MsVHE	GGGAATTCGAGGTGCAGCTGCAGGAGTCTGG
3-IgG1_inner		CCAGGGGCCAGTGGATAGAC	(Seidl, MacKenzie et al. 1997)
<b>IgK 2<sup>nd</sup> round</b>	5'mV $\kappa$ appa	GAYATTGTGMTSACMCARWCTMCA	(Tiller, Busse et al. 2009)
	3'BsiWI_P-mJK01	GCCACCGTACGTTTGATTTCCAGCTTGGTG	(Tiller, Busse et al. 2009)
	3'BsiWI_P-mJK02	GCCACCGTACGTTTTATTTCCAGCTTGGTC	(Tiller, Busse et al. 2009)
	3'BsiWI_P-mJK03	GCCACCGTACGTTTTATTTCCAACCTTTGTC	(Tiller, Busse et al. 2009)
	3'BsiWI_P-mJK04	GCCACCGTACGTTTCAGCTCCAGCTTGGTC	(Tiller, Busse et al. 2009)

Seidl, K. J., J. D. MacKenzie, D. Wang, A. B. Kantor, E. A. Kabat, L. A. Herzenberg and L. A. Herzenberg (1997). "Frequent occurrence of identical heavy and light chain Ig rearrangements." *Int Immunol* **9**(5): 689-702.

Tiller, T., C. E. Busse and H. Wardemann (2009). "Cloning and expression of murine Ig genes from single B cells." *Journal of Immunological Methods* **350**(1-2): 183-193.