|  |  |  |  |
| --- | --- | --- | --- |
|  | **Primer name** | **Primer sequence a (5’-3’)** | **Reference** |
| cDNA synthesis | 3’Cμ\_out3’Cγ\_out3’C\_ κ3’mCλ out | AGGGGGCTCTCGCAGGAGACGAGGGGAAGGTGTGCACACCGCTGGACGTGCTGTCTTTGCTGTCCTGATGTACCATYTGCCTTCCAGKCCACT | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |
| IgH 1st PCR | 5’MsVHE3’Cμ\_out3’Cγ\_out | GGGAATTCGAGGTGCAGCTGCAGGAGTCTGGAGGGGGCTCTCGCAGGAGACGAGGGGAAGGTGTGCACACCGCTGGAC | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |
| IgH 2nd PCR | 5’MsVHE3’Cμ\_in3’Cγ\_in | GGGAATTCGAGGTGCAGCTGCAGGAGTCTGGAGGGGGAAGACATTTGGGAAGGACGCTCAGGGAAATAGCCCTTGAC | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |
| IgK 1st PCR | 5’Vk1,2F5’Vk4F5’Vk6F5’Vk8F5’Vk12F5’Vk19F5’L-Vk\_35’L-Vk\_55’L-Vk\_6,8,95’L-Vk\_145’L-Vk\_203’B\_κ | GGTGCTGATGYTCTGGATCAGCTTCCTGCTAATCAGTGTGCTCTGGTTGTMTGGTGCTGCTATGGGTRTCTGGTTGTTGCTGTGGCTTACAGGGGGCTCTTGTTGYTCTGTGCTGCTGCTCTGGGTTCCAGTTTTGCTTTTCTGGATTYCAGATGGAATCACAGRCYCWGGTTCTTGTTGCTCTGGTTYCCAGCTCACTAGCTCTTCTCCTCTTCAGGACGCCATTTTGTCG | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |
| IgK 2nd PCR | 5’mVκ3’mCk | GAYATTGTGMTSACMCARWCTMCAGATGGTGGGAAGATGGATACAGTT | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |
| IgL 1st PCR | 5’mVλ1/25’mVλx3’mCλ out | CAGGCTGTTGTGACTCAGCAACTTGTGCTCACTCAGGTACCATYTGCCTTCCAGKCCACT | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |
| IgL 2nd PCR | 5’mVλ1/25’mVλx3’mCλ inn |  CAGGCTGTTGTGACTCAGCAACTTGTGCTCACTCAGCTCYTCAGRGGAAGGTGGRAACA | (Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009)(Tiller, Busse et al. 2009) |

aAccording to The International Union of Pure and Applied Chemistry (IUPAC): K = G or T, Y = C or T, R = A or G, M = A or C, S = G or C, W = A or T.

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

Table S3