

Supporting Information

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Table S1. *Igβ/IgH* translocation breakpoints

Igβ	GAAGTGGTGGCTGAGGCAACTAACCT
1-3	GAAGTGGTGGCTGAGGCAACTAACCT <u>ACCTGAGGAGACGGTGACTGAGG</u>
IgH	TACCTGAGGAGACGGTGACTGAGG
Igβ	TGAAGAGGATGATGAGGAGGGTCTGG
0-9	TGAAGAGGATGATGAGGAGGGTCTGG <u>CTGGCTGTTGAGATGGTTCGGGATGA</u>
IgH	CTGGCTGTTGAGATGGTTCGGGATGA
Igβ	GCTGGACAGCTGTCGCTCTCATCAGA
3-2	GCTGGACAGCTGTCGCTCTCATCAGA AGGGGTGAGCTGAGCTGGGCTGA
IgH	TGAGCTGAGCTGGGCTGA
Igβ	ACATCCAGTACGAGGATAATGGTATCT
1-5	ACATCCAGTACGAGGATAATGGTATCTGAGCTGGGGTCAGCTGAGCAAG
IgH	CTGAGCTGGGGTCAGCTGAGCAAG
Igβ	CAGATCTGGCAGCACCCGAGGTTTGACAGC
3-5	CAGATCTGGCAGCACCCGAGGTTTGACAGCTGAGCTGGGTGAGCTGAGCT
IgH	AGCTGAGCTGGGTGAGCTGAGCT
Igβ	CCTTCTCATACTCTACTGACTGCCT
4-5	CCTTCTCATACTCTACTGACTGCCT AGGGGGT GAGCTGAGCTGAGCT
IgH	TGAGCTGAGCTGAGCT
Igβ	AGGACAGTGCTAGAGGGGAGCCCAAGG
7-5	AGGACAGTGCTAGAGGGGAGCCCAAGGGGCATGAACACCCGTTCTC
IgH	AGGGGCATGAACACCCGTTCTC
Igβ	AGCCATCCACCCACTCCCCAGCTCAGG
5-5	AGCCATCCACCCACTCCCCAGCTCAGGTTGAATAGAGCTAAACTCTA
IgH	AGGTTGAATAGAGCTAAACTCTA
Igβ	ACCTTCTCATACTCTACTGACTGCCT
5-5	ACCTTCTCATACTCTACTGACTGCCT AGGGGGT GAGCTGAGCTGAGCT
IgH	GGGGTGAGCTGAGCTGAGCT

Translocations were cloned from wild-type B cells stimulated with LPS and IL4. Breakpoint sequences are shown (middle), with the homology to germline Igβ (top sequence) and IgH S_μ (bottom sequence). Insertions are set in bold; microhomologies are underlined.