Table supplement 2

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Splenic B-1a sequences \((n = 150)\) from Tables 2 (T2), 3 (T3) and 7 (T7)

| Source of clone | IGHV family | IGHV allele | IGHD | IGHJ | CDR-H3 |
|-----------------|-------------|-------------|------|------|--------|
| T2-sB1a-11168-2w-1 | IGHV1/J558 | IGHV1-53 | N/A | IGHJ2 | ANDY   |
| T2-sB1a-11168-2w-2 | IGHV2/Q52 | IGHV1-9  | IGHD2-9 | IGHJ4 | AKHGYDAMDY |
| T2-sB1a-11168-2w-3 | IGHV1/J558 | IGHV1-55 | IGHD1-1 | IGHJ1 | ARRRYYGSSYWYF DV |
| T2-sB1a-11168-2w-4 | IGHV1/J558 | IGHV1-53 | IGHD4-1 | IGHJ2 | ANWDY  |
| T2-sB1a-11168-2w-5 | IGHV11 | IGHD1-1 | IGHJ1 | MRYSNWYF DV |
| T2-sB1a-11168-2w-6 | IGHV7/S107 | IGHD1-1 | IGHJ1 | ARDAYWYF DV |
| T2-sB1a-11168-2w-7 | IGHV1/J558 | IGHD2-8 | IGHJ2 | AYYLDY |
| T2-sB1a-11168-2w-8 | IGHV1/J558 | IGHD1-1 | IGHJ1 | ARHYGSSYWYF DV |
| T2-sB1a-11168-2w-9 | IGHV1/J558 | IGHD2-8 | IGHJ2 | AYYLDY |
| T2-sB1a-11168-2w-10 | IGHV2/Q52 | IGHD1-1 | IGHJ1 | ARHYGSSYWYF DV |
| T2-sB1a-11654-3w-1 | IGHV1/J558 | IGHD1-1 | IGHJ1 | ARHYGSSYWYF DV |
| T2-sB1a-11654-3w-2 | IGHV1/J558 | IGHD2-6 | IGHJ4 | ARSYSNYMDY |
| T2-sB1a-11654-3w-3 | IGHV7/S107 | IGHD2-6 | IGHJ2 | ARTGTYF DY |
| T2-sB1a-11654-3w-4 | IGHV1/J558 | IGHD2-6 | IGHJ3 | ARGASYYSNWFAY |
| T2-sB1a-11654-3w-5 | IGHV1/J558 | IGHD1-1 | IGHJ1 | ARGAYWYF DV |
| T2-sB1a-11654-3w-6 | IGHV5/7183 | IGHD1-1 | IGHJ1 | ARAGWYF DV |
| T2-sB1a-11654-3w-7 | IGHV6/J606 | IGHD2-6 | IGHJ2 | TYNSN |
| T2-sB1a-11654-3w-8 | IGHV1/J558 | IGHD4-1 | IGHJ2 | ARTGTYF DY |
| T2-sB1a-11654-3w-9 | IGHV1/J558 | IGHD2-9 | IGHJ2 | AMVDY  |
| T2-sB1a-11654-3w-10 | IGHV1/J558 | IGHD1-1 | IGHJ2 | ARWGTTVG Y |
| T2-sB1a-7632-2m-1 | IGHV11 | IGHD2-8 | IGHJ1 | MRYGNYWYF DV |
| T2-sB1a-7632-2m-2 | IGHV11 | IGHD2-6 | IGHJ1 | MRYSNWYF DV |
| T2-sB1a-7632-2m-3 | IGHV11 | IGHD1-1 | IGHJ1 | MRYGSSYWYF DV |
| T2-sB1a-7632-2m-4 | IGHV1/J558 | IGHD1-1 | IGHJ2 | ATFSY  |
| T2-sB1a-7632-2m-5 | IGHV1/J558 | IGHD1-1 | IGHJ4 | ARFYGGSSYAMDY |
| T2-sB1a-7632-2m-6 | IGHV1/J558 | IGHD4-1 | IGHJ1 | ARIPNWYWFDV |
| T2-sB1a-7632-2m-7 | IGHV1/J558 | IGHD1-1 | IGHJ2 | ARWDTTVAPYYFDY |
| T2-sB1a-7632-2m-8 | IGHV1/J558 | IGHD1-1 | IGHJ1 | ARDYGSSYWYF DV |
| T2-sB1a-7632-2m-9 | IGHV1/J558 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-7632-2m-10 | IGHV1/J558 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8699-4m-1 | IGHV1/J558 | IGHD2-4 | IGHJ1 | ARFTTYATRYWYF DV |
| T2-sB1a-8699-4m-2 | IGHV1/J558 | IGHD2-4 | IGHJ1 | ARFTTYATRYWYF DV |
| T2-sB1a-8699-4m-3 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-4 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-5 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-6 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-7 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-8 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-9 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8699-4m-10 | IGHV1/J558 | IGHD2-9 | IGHJ4 | ARWLLNAMDY |
| T2-sB1a-8708-5m-1 | IGHV1/J558 | IGHD1-1 | IGHJ1 | ARFITTVATRYWYF DV |
| T2-sB1a-8708-5m-2 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-3 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-4 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-5 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-6 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-7 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-8 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-9 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-10 | IGHV14/SM7 | IGHD2-4 | IGHJ4 | TYYDYDLYAMYD |
| T2-sB1a-8708-5m-3 | IGHV1/J558 | IGHV1-55 | IGHD2-14 | IGHJ2 | LIGRNY |
|-------------------|------------|----------|----------|-------|--------|
| T2-sB1a-8708-5m-4 | IGHV11     | IGHV11-2 | IGHD2-6  | IGHJ1 | MRYSNYWYFDV |
| T2-sB1a-8708-5m-5 | IGHV2/Q52  | IGHV2-3  | IGHD1-1  | IGHJ1 | AKQPYYGSSWYFDV |
| T2-sB1a-8708-5m-6 | IGHV1/J558 | IGHV1-66 | IGHD1-1  | IGHJ2 | AGSSYAYYFDY |
| T2-sB1a-8708-5m-7 | IGHV1/J558 | IGHV1-26 | IGHD2-8  | IGHJ4 | ARRGIIDLLWYHYAMDY |
| T2-sB1a-8708-5m-8 | IGHV7/S107 | IGHV7-3  | IGHD3-2  | IGHJ4 | ARKSSGSRAMDY |
| T2-sB1a-8708-5m-9 | IGHV7/S107 | IGHV7-3  | N/A      | IGHJ4 | ASYAMDY |
| T2-sB1a-8708-5m-10| IGHV1/J558 | IGHV1-55 | IGHD2-8  | IGHJ1 | ARLYYGNSWYFDV |
| T2-sB1a-9867-6m-1 | IGHV1/J558 | IGHV1-55 | IGHD1-1  | IGHJ1 | ARKYYPSSWYFDV |
| T2-sB1a-9867-6m-2 | IGHV1/J558 | IGHV1-7  | N/A      | IGHJ2 | AREGGKY |
| T2-sB1a-9867-6m-3 | IGHV1/J558 | IGHV1-55 | IGHD3-2  | IGHJ4 | AKSSGYAMDY |
| T2-sB1a-9867-6m-4 | IGHV1/J558 | IGHV1-85 | IGHD1-1  | IGHJ1 | ARWVITTVARYFDV |
| T2-sB1a-9867-6m-5 | IGHV1/J558 | IGHV1-80 | N/A      | IGHJ2 | ARGFY |
| T2-sB1a-9867-6m-6 | IGHV1/J558 | IGHV1-55 | IGHD1-2  | IGHJ4 | AKEGGYYVRAMDY |
| T2-sB1a-9867-6m-7 | IGHV1/J558 | IGHV1-80 | N/A      | IGHJ4 | ARSMDY |
| T2-sB1a-9867-6m-8 | IGHV1/J558 | IGHV1-64 | N/A      | IGHJ4 | ASAMDY |
| T2-sB1a-9867-6m-9 | IGHV1/J558 | IGHV1-53 | IGHD2-4  | IGHJ3 | TKGYHDYDDGAWFVY |
| T2-sB1a-9867-6m-10| IGHV1/J558 | IGHV1-55 | N/A      | IGHJ3 | ARKFYPSSWYFDV |
| T3-sB1a-1         | IGHV6/J606 | IGHV6-6  | N/A      | IGHJ2 | TRWDY |
| T3-sB1a-2         | IGHV11     | IGHV11-2 | IGHD2-6  | IGHJ1 | MRYSNYWYFDV |
| T3-sB1a-3         | IGHV11     | IGHV11-2 | IGHD2-8  | IGHJ1 | MRYGNYWYFDV |
| T3-sB1a-4         | IGHV11     | IGHV11-2 | IGHD1-1  | IGHJ1 | MRYGSSWYFDV |
| T3-sB1a-5         | IGHV10     | IGHV10-1 | IGHD1-1  | IGHJ2 | VRHYGSSYFDY |
| T3-sB1a-6         | IGHV5/7183 | IGHV5-6-1| IGHD1-1  | IGHJ2 | ARHYGSSYYFDY |
| T3-sB1a-7         | IGHV1/J558 | IGHV1-53 | N/A      | IGHJ2 | ARLDY |
| T3-sB1a-8         | IGHV7/S107 | IGHV7-1  | IGHD1-1  | IGHJ1 | ARDYYGSSWYFDV |
| T3-sB1a-9         | IGHV1/J558 | IGHV1-26 | IGHD1-1  | IGHJ1 | ARDYYGSSWYFDV |
| T3-sB1a-10        | IGHV14/SM7 | IGHV14-3 | IGHD4-1  | IGHJ2 | ANWDY |
| T3-sB1a-11        | IGHV1/J558 | IGHV1-19 | IGHD4-1  | IGHJ3 | ATGTWFAY |
| T3-sB1a-12        | IGHV7/S107 | IGHV7-3  | IGHD1-1  | IGHJ4 | ARYYGSSYAMDY |
| T3-sB1a-13        | IGHV1/J558 | IGHV1-39 | IGHD2-6  | IGHJ4 | ARYSNYAMDY |
| T3-sB1a-14        | IGHV1/J558 | IGHV1-64 | N/A      | IGHJ2 | ARDFDY |
| T3-sB1a-15        | IGHV1/J558 | IGHV1-9  | IGHD2-6  | IGHJ1 | ARYYYGSSWYFDV |
| T3-sB1a-16        | IGHV1/J558 | IGHV1-39 | IGHD2-4  | IGHJ4 | ARYDYDAMDY |
| T3-sB1a-17        | IGHV2/Q52  | IGHV2-6-2| IGHD1-1  | IGHJ1 | ARHYGYSSWYFDV |
| T3-sB1a-18        | IGHV1/J558 | IGHV1-55 | IGHD1-1  | IGHJ4 | ARFYGGSSYAMDY |
| T3-sB1a-19        | IGHV1/J558 | IGHV1-7  | N/A      | IGHJ2 | ARWDFDY |
| T3-sB1a-20        | IGHV1/J558 | IGHV1-80 | N/A      | IGHJ3 | ARGAY |
| T3-sB1a-21        | IGHV1/J558 | IGHV1-26 | N/A      | IGHJ3 | ARRFAY |
| T3-sB1a-22        | IGHV1/J558 | IGHV1-55 | N/A      | IGHJ2 | ARRDY |
| T3-sB1a-23        | IGHV1/J558 | IGHV1-55 | IGHD2-9  | IGHJ1 | ASYDGYYWYFDV |
| T3-sB1a-24        | IGHV7/S107 | IGHV7-3  | N/A      | IGHJ4 | ASYAMDY |
| T3-sB1a-25        | IGHV1/J558 | IGHV1-78 | N/A      | IGHJ2 | ARRYFYDY |
| T3-sB1a-26        | IGHV1/J558 | IGHV1-53 | IGHD1-2  | IGHJ2 | ARNYFYFDY |
| T3-sB1a-27        | IGHV3/36-60| IGHV3-8  | IGHD2-8  | IGHJ1 | ARYYGNYWYFDV |
| T3-sB1a-28        | IGHV1/J558 | IGHV1-55 | IGHD1-1  | IGHJ1 | ARYYGSSWYFDV |
| T3-sB1a-29        | IGHV1/J558 | IGHV1-22 | N/A      | IGHJ2 | ARRLDY |
| T3-sB1a-30        | IGHV1/J558 | IGHV1-80 | N/A      | IGHJ3 | ARFAY |
| T7-sB1a-GF1 -4m-1 | IGHV11     | IGHV11-2 | IGHD1-1  | IGHJ1 | MRYGSSWYFDV |
| Sample          | IGHV/J      | IGHV           | IGHD      | IGHJ   |
|-----------------|-------------|----------------|-----------|--------|
| T7-sB1a-SPF2S -4m-1 | IGHV1/J558 | IGHV1-80      | N/A       | IGHJ2  | ARGNY |
| T7-sB1a-SPF2S -4m-2 | IGHV1/J558 | IGHV1-54      | IGHD1-1   | IGHJ1  | ARWVYYGSSSYWFYFDV |
| T7-sB1a-SPF2S -4m-3 | IGHV1/J558 | IGHV1-78      | IGHD2-11  | IGHJ4  | ARSSNYAMDY       |
| T7-sB1a-SPF2S -4m-4 | IGHV7/S107 | IGHV7-3       | IGHD1-1   | IGHJ4  | ARYYGSNYAMDY     |
| T7-sB1a-SPF2S -4m-5 | IGHV1/J558 | IGHV1-80      | N/A       | IGHJ2  | ARGAY  |
| T7-sB1a-SPF2S -4m-6 | IGHV1/J558 | IGHV1-55      | IGHD1-1   | IGHJ1  | ARRYGSSYWFYFDV  |
| T7-sB1a-SPF2S -4m-7 | IGHV1/J558 | IGHV1-72      | IGHD2-6   | IGHJ1  | ARSPYYNGYEGYFDV  |
| T7-sB1a-SPF2S -4m-8 | IGHV1/J558 | IGHV1-55      | IGHD1-1   | IGHJ1  | ARKNYGSSYWFYFDV  |
| T7-sB1a-SPF2S -4m-9 | IGHV1/J558 | IGHV1-80      | IGHD2-8   | IGHJ2  | ARLEIYYNGYGRVFDV |
| T7-sB1a-SPF2S -4m-10 | IGHV1/J558 | IGHV1-9       | IGHD1-1   | IGHJ3  | ARRDYYGSYVLAY    |