



**Figure S3** The *BCL6* gene locus with STAT3 ChIP-seq peaks. All 24 STAT3 BRs are shown within the upstream putative regulatory region of *BCL6* (chr3: 187,436,000-187,876,700). Orange bars represent loci with enriched STAT3 binding in the GCB subtype at FDR < 0.05 ( $n = 5$ ); blue bars represent loci with enriched STAT3 binding in the ABC subtype ( $n = 2$ ); dark gray bars represent peaks with no statistically significant difference in binding between the two subtypes ( $n = 17$ ). *BL6* is encoded on the minus strand at left, and *LPP* encoded on the plus strand at right (only TSS shown).