

**Supplementary Fig. 3**The boxplots show MFI levels of significantly altered markers, Bcl-6, MROS and PD-L2, on different B-cell subsets

from individuals with no history of medication use, compared with individuals using NSAIDs. as described in legend to Figure 3. Pair-wise differences between the cohorts in each panel were performed using the Mann-Whitney U Test, Significant differences are indicted by stars: \* p-value  $\leq 0.05$ , \*\* p-value  $\leq 5 \times 10^{-3}$ , \*\*\* p-value  $\leq 5 \times 10^{-4}$ .