# Exome sequencing identifies recurrent *BCOR* alterations and the absence of *KLF2*, *TNFAIP3* and *MYD88* mutations in splenic diffuse red pulp small B-cell lymphoma

**Discovery**

whole-exome sequencing

10 splenic diffuse red pulp lymphoma paired samples

normal tumour

selection of 109 somatic mutations

**Validation**

42 splenic diffuse red pulp lymphoma

46 splenic marginal zone lymphoma

8 hairy-cell leukaemia samples

**Genetic landscape**

Splenic diffuse red pulp lymphoma

- frequent *BCOR* mutations
- absence of alterations in genes regulating the *NF*κB pathway *KLF2*, *TNFAIP3* and *MYD88* triple-negatives)
- absence of *BRAF* mutations

Jallades *et al.*, Haematologica, 2017