- 1 **Supplementary Data 1.** Diversity of VDJ gene usage for PvRBP2b human mAbs.
- 2 **Supplementary Data 2.** HDX data table showing for each peptide analyzed and for PvRBP2b
- 3 alone or in complex with PvRBP2b mouse antibodies 3E9, 6H1 and 10B12: i) deuteration
- 4 levels expressed as number of deuterons (# D) and ii) percentage deuteration calculated based
- 5 on a maximal theoretical deuteration level of 85 % (% D). On the right, differences in
- 6 deuteration levels for between PvRPB2b alone or in presence of any of the mouse antibodies
- 7 for each peptide are shown. Differences are calculated both in percentage and number of
- 8 deuterons.
- 9 **Supplementary Data 3.** HDX data table showing for each peptide analyzed and for PvRBP2b
- alone or in complex with PvRBP2b human mAbs: i) deuteration levels expressed as number of
- deuterons (# D) and ii) percentage deuteration compared to a highly deuterated sample (% D).
- 12 Standard-deviation for each of the triplicate measurements are shown.
- 13 Supplementary Data 4. Differences in HDX levels for all analysed peptides between
- 14 PvRBP2b alone and in complex with PvRBP2b human mAbs. Values are expressed as number
- of deuterons incorporated.
- 16 Supplementary Data 5. Differences in HDX levels for all analysed peptides between
- 17 PvRBP2b alone and in complex with PvRBP2b human mAbs. Values are expressed as
- 18 percentage peptide deuteration.