

## Supplementary material

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Table S1 Abbreviations and acronyms used throughout the text:

bcl2 (B-cell lymphoma 2 protein) - apoptosis-regulating protein expressed in many cell lines, overexpressed in several malignancies
c-MYC – protooncogene
Cyclin D1 – protein regulating cell cycle, cell migration and angiogenesis, expressed in neoplastic plasma cells, in mantle cell lymphoma
CD3 – protein with various functions expressed on T-lymphocytes
CD20 - protein with various functions expressed on B-lymphocytes
CD38 – protein with cyclic ADP ribose hydrolase activity expressed on surfaces of CD4+, CD8+, B-lymphocytes and natural killer (NK) cells, plasma cells
CD43 (aka leukosialin, sialophorin) – protein expressed on T- and B- lymphocytes, monocytes, granulocytes
CD56 (aka NCAM - neural cell adhesion protein) – protein expressed on NK cells, T- lymphocytes and dendritic cells, overexpressed in several malignancies including neoplastic plasma cells,
CD79a (aka B-cell antigen receptor complex-associated protein alpha chain and MB-1 membrane glycoprotein) – protein expressed on B- lymphocytes
CD117 – transmembrane tyrosine kinase growth factor receptor, marker of several malignant cells (e.g. in neoplastic plasma cells)
LCA – Leukocyte common antigen
MUM1 (Multiple Myeloma 1 protein, aka IRF4 - interferon regulatory factor 4) - regulatory molecule normally expressed on T- and B- lymphocytes and plasma cells, involved in cell differentiation and tumorigenesis, marker of lymphomas and multiple myeloma
PAX5 (Paired Box 5) - nuclear marker expressed in most mature and immature B cell neoplasms