

Haematologica  
HAEMATOL/2015/135475  
Version 3

Whole exome sequencing in families at high risk for Hodgkin lymphoma: identification of a predisposing mutation in the KDR gene

Melissa Rotunno, Mary L. McMaster, Joseph Boland, Sara Bass, Xijun Zhang, Laurie Burdette, Belynda Hicks, Sarangan Ravichandran, Brian T. Luke, Meredith Yeager, Laura Fontaine, Paula L. Hyland, Alisa M. Goldstein, Stephen J. Chanock, Neil E. Caporaso, Margaret A. Tucker, and Lynn R. Goldin

Collaborative Groups: NCI DCEG Cancer Sequencing Working Group,  
NCI DCEG Cancer Genomics Research Laboratory

Disclosures: The authors declare no competing financial interests.

Contributions: M.R., M.L.M, P.L.H., A.M.G., and L.R.G. performed and interpreted genetic analyses. M.L.M, M.A.T., L.F., and N.E.C. directed clinical work for the patients and families. J.B., S.B., X.Z, L.B., B.H., M.Y., S.J.C. and the NCI DCEG Cancer Genomics Research Laboratory conducted all whole-exome and targeting sequencing and associated bioinformatics. The NCI DCEG Cancer Sequencing Working Group examined and enrolled families for sequencing. S.R. and B.T.L. performed functional prediction analyses. M.R., M.L.M, and L.R.G. drafted the manuscript. All authors contributed to the final manuscript.