Haematologica HAEMATOL/2017/172304 Version 4

Dynamic clonal progression in xenografts of acute lymphoblastic leukemia with intrachromosomal amplification of chromosome 21.

Paul B. Sinclair, Helen H. Blair, Sarra L. Ryan, Lars Buechler, Joanna Cheng, Jake Clayton, Rebecca Hanna, Shaun Hollern, Zoe Hawking, Matthew Bashton, Claire J. Schwab, Lisa Jones, Lisa J. Russell, Helen Marr, Peter Carey, Christina Halsey, Olaf Heidenreich, Anthony V. Moorman, and Christine J. Harrison

Disclosures: The work presented was funded by the following grants: European Research Council (249891) (PS, CH, JC, JC*, RH and SH), Bloodwise (11004 and 15036) (SR, MB and CS) the Kay Kendal Leukaemia Fund (LR and LJ). The Chief Scientists' Office (ETM/374) (CH*) and Yorkhill Leukaemia and Cancer Research Fund (CH*) and the Tyneside Leukaemia Research Association (Dec 09) (LB). LR is supported by a John Goldman Fellowship (Leuka). The IVIS Spectrum was funded by a grant from the Wellcome Trust (087961) and core infrastructure support was provided by the North of England Children's Cancer Research Fund (NECCR). Think Pink Scotland funded a histology slide scanner and software. JC (Joanna Cheng), JC* (Jake Clayton), CH (Christine Harrison), CH* (Chris Halsey).

Contributions: PS performed experimental work, contributed to study design and manuscript prepared. CH, AM and OH contributed to study designed and manuscript preparation. HB and LB performed animal studies. JC, JC*, RH, SH, CS, ZH and LJ performed experimental work. SL, MB, and LR contributed to data analysis. HM and PC analysed bone marrow samples. CH* analysed CNS samples. CH (Christine Harrison), CH* (Christina Halsey), JC (Joanna Cheng), JC* (Jake Clayton).