

Mediator of DNA damage checkpoint protein 1 facilitates V(D)J recombination in cells lacking DNA repair factor XLF

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This material includes: Robust V(D)J recombination in vAbl cells lacking MDC1 (Figure S1).

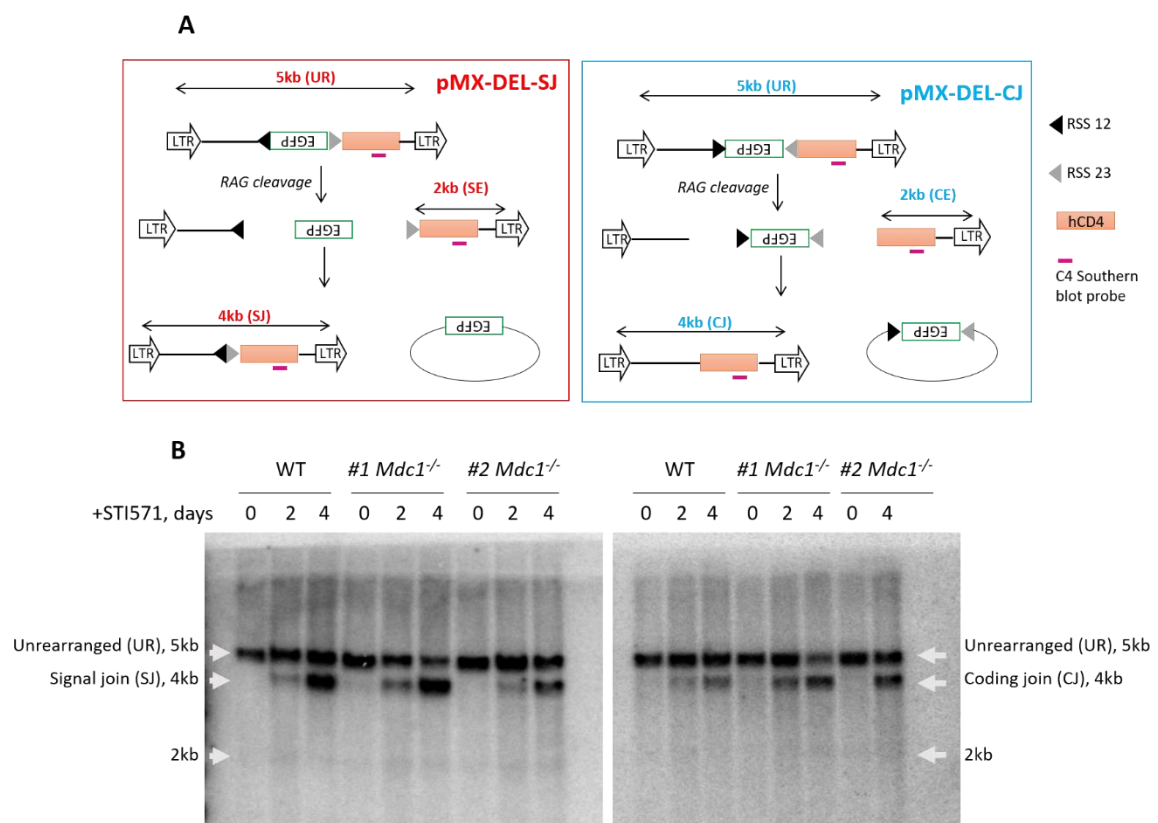


Figure S1. Robust V(D)J recombination in vAbl cells lacking MDC1. (A) Schematic representation of pMX-Del-SJ deletional V(D)J recombination cassette with blunt SJ DNA ends (left) and pMX-Del-CJ cassette with hairpin-sealed CJ DNA ends (right). (B) Southern blot representing original V(D)J recombination cassette (5kb), and product of deletional V(D)J recombination (4kb). Very weak to no signal is detected at 2kb (free DNA ends) suggesting either rapid DNA repair or degradation of unjoined DNA ends.