
Supplementary information

**Universal recording of immune cell
interactions in vivo**

In the format provided by the
authors and unedited

G5 1-96

→ EcoRI digest RosA25 probe Pp, 300/1000

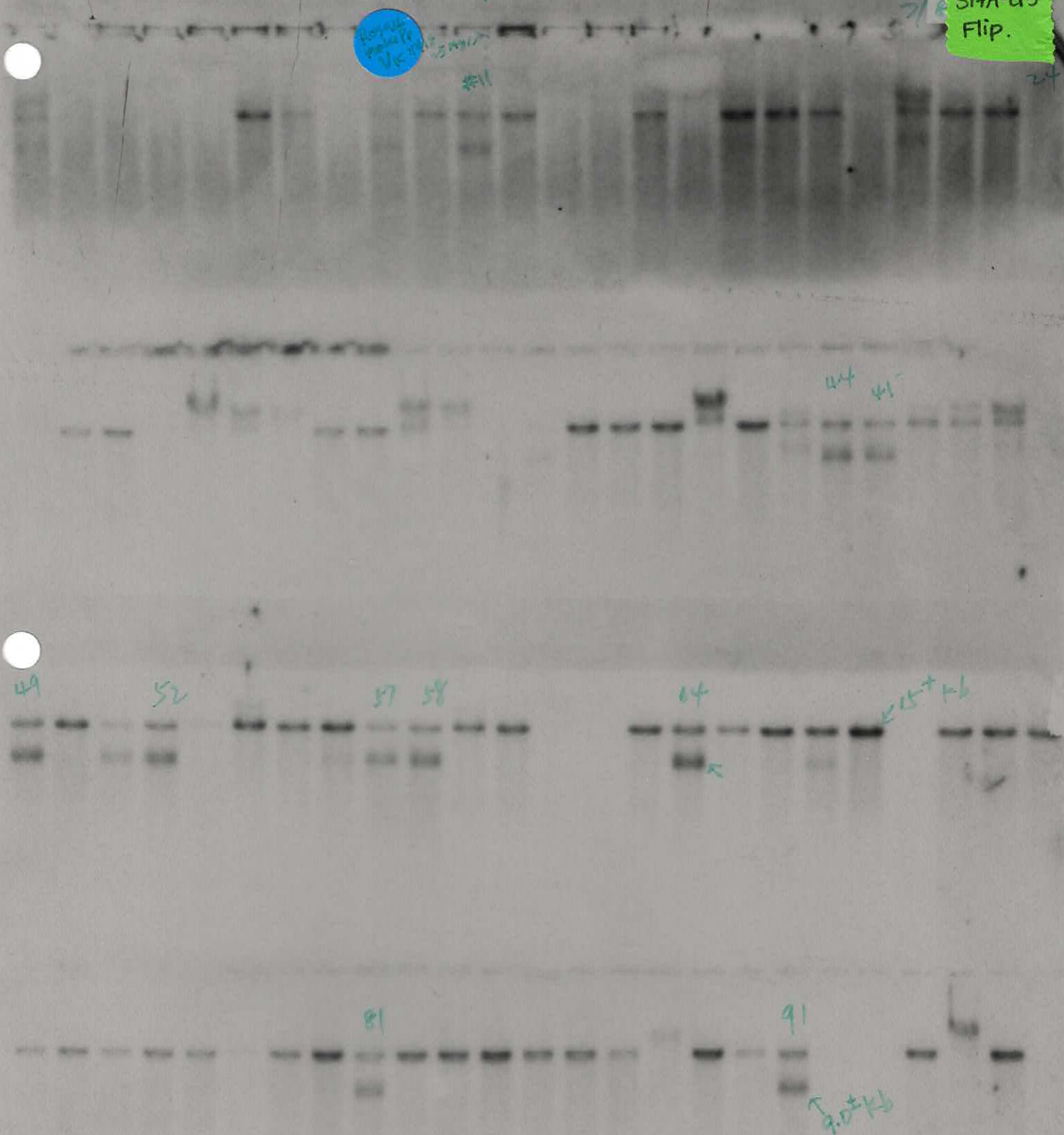
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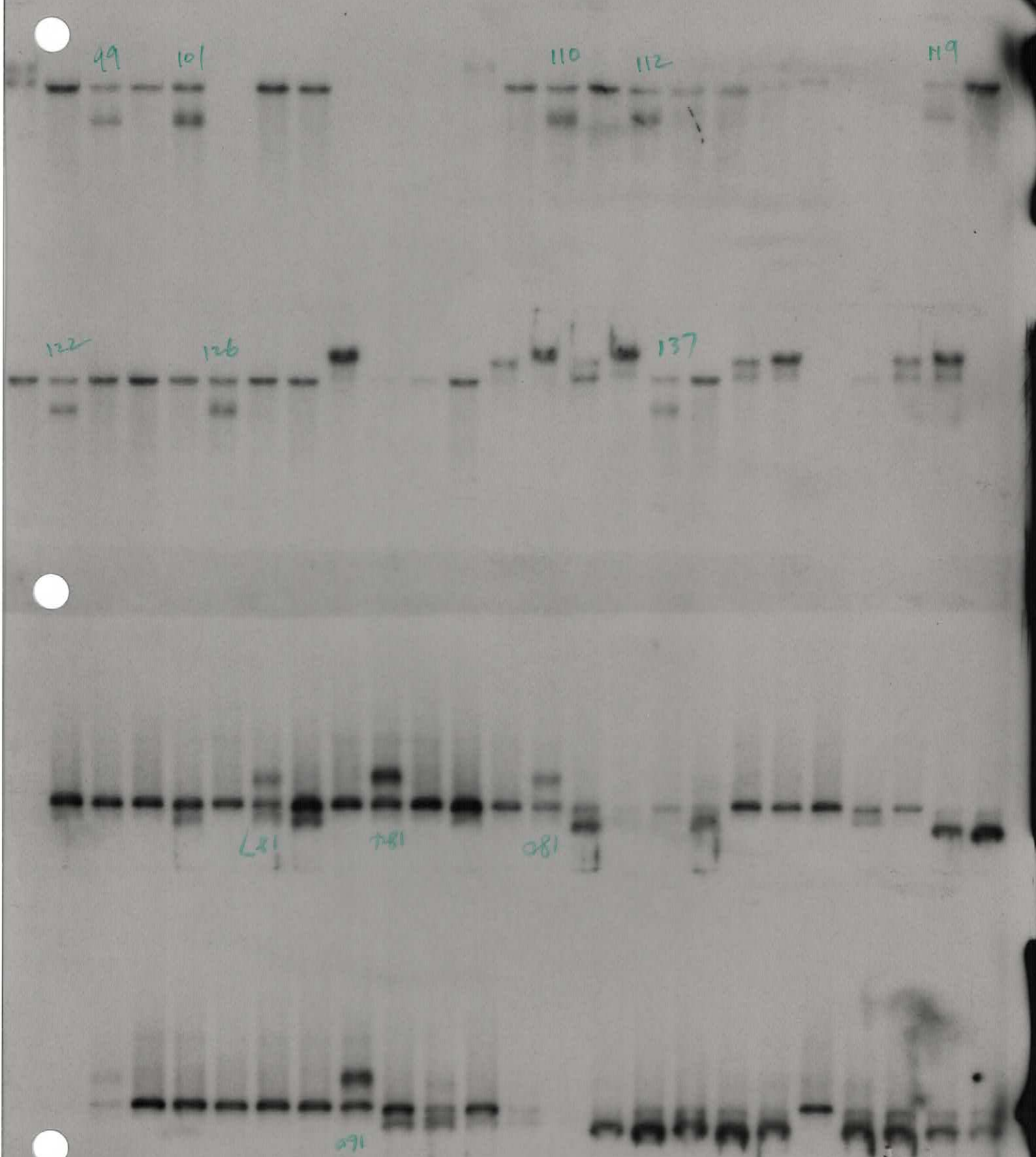
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#11

24



GS 17-144 EcorI digest, Rosa. prota p. 5x9h exp. 7/8/18



GS → 145-192 EcorI digest, Rosa. prota p. 5x9h exp. 7/8/18

Supplementary Figure 1 | Southern blot of embryonic stem cells (ESCs) to screen for uLIPSTIC cassette insertion. The uLIPSTIC cassette carrying the lox-stop-lox G₅Thy1.1 followed by mSrtA-PDGFR_{tm} fused to FLAG tag was cloned into the Ai9 *Rosa26* targeting plasmid and this was used as template for homologous recombination in ESCs. Insertion of the uLIPSTIC cassette was assessed in 192 ESCs by Southern blotting using a ³²P-labeled probe annealing upstream of the left arm after EcoRI digestion. Wildtype ESCs show a 15.6 kb fragment, while ESCs carrying the insertion exhibit an extra EcoRI restriction site, resulting in a 7.4 kb fragment upon enzymatic digestion.