### Table S1. Genotyping primers and conditions

| Primer  | Primer sequence (5’–3’) | Tm | Size PCR product | Strain:                  |
|---------|-------------------------|----|------------------|--------------------------|
| Vec-F-219 | CCCAGGCTGACCAAGCTGAG    | 58 | 300 bp           | VE-Cadherin Cre          |
| Vav-F23  | GGCAGCACAGTTACAGTCAGAAAGGG | 58 | 500 bp           | Vav-Cre                 |
| Cre-R107 | GCCTGCGGATCCCTGAACATG    | 58 |                  | VE-Cadherin Cre, Vav-Cre |
| Gata2 fl F| TCGTGGGACCTGTTTCCTTAC   | 58 | fl = 844bp, WT = 717bp | Gata2 fl               |
| Gata2 fl R| GCTGGCCTTCCCAACACCTTAAA | 58 | delta = 181bp     | Gata2 fl               |
| mGATA 39 | GGAACGCCAAGGGGAC         | 60 | mutant = 900bp, WT = 600bp | Gata2 KO             |
| mGATA 208 | GCTGGACATCTCCGGATCCGGGT | 60 |                  | Gata2 KO               |
| Neo 503  | GATCTCCTTGTCATTCACCTTGCT | 60 |                  | Gata2 KO               |