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A lot of bloody genes

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In the 2 June *Science*, Phillips *et al.* announce the creation of the [Stem Cell Database](#) (SCDb), an annotated collection of genes expressed in hematopoietic stem cells (*Science* 2000, **288**:1635-1640). Most of the data are based on the sequencing of 5735 clones from a subtracted stem cell library, representing at least half of the library's complexity. The SCDB reveals clues to stem cell biology, such as the coincidence of semaphorins and their ligands, suggesting that these molecules are important for stem cell adhesion and homing. But, perhaps most importantly, the list of genes will serve as the basis for stem cell microarrays that can be used to analyze changes in regulatory networks as stem cells renew and differentiate.

References

1. Science Magazine, [<http://www.sciencemag.org/>]
2. Princeton stem cell database, [<http://stemcell.princeton.edu/>]