



Genetic Linkage Between Flocks

Flocks vary in the extent to which they have genetic linkage based on their past usage of common rams.

SIL assesses genetic linkage for flocks wishing to participate in across-flock evaluations.

The SIL Genetic Linkage graphs show this by listing flocks (by their SIL flock numbers) down the page on the LHS and then drawing lines joining these flocks based on how well linked they are to each other.

The number listed for each flock is the number of progeny born to rams used in common across flocks, measured for the trait of interest, and born over the range of years specified. For example in the current case it is born in the 2001 to 2003 years and for reproduction 1998-2003, the latter due to the time taken for progeny records to become available.

Where the lines joining a flock or groups of flocks are to the left of the grey bar, (or where this is not present less than 0.25 ACE linkage distance units) they are well-linked, and we can validly compare rams used in these flocks. Where the line joining flocks is to the right of the grey bar, they are not well linked and we cannot validly compare rams used between these flocks.

Only those rams used in flocks linked to the left of the gray bar have been listed in the ACE evaluations.

Figures too small to read? Please set the Adobe viewer magnification to about 250% and scroll.