

Understanding Parent Verification

*Updated February 2020



When the lab has completed a Parent verification test, the results will be emailed to the member. The results of the Parent verification test will read:

- **Parent (ABCX001) Qualifies** - The nominated parent has not been excluded as the parent of the tested animal. Herefords Australia Regulations recognises a Qualified parent as DNA verified, unless further testing proves otherwise..
- **Excluded Parents (ABCX002, ABCX003)** - The nominated parent/s are not correct for this animal. The member can suggest alternative parents for further testing.
- **Completed but NO Qualifying Parents Found** – The lab has completed the test and the nominated parent/s are not correct. The lab has only verified the Sires and Dams we have nominated – they will not check against all Herefords in the database.

The Parent verification results of any animal can be seen by doing an animal search on the Herefords Australia website. The result will identify what level of DNA verification has occurred:

Not Tested – The animal has not been verified to the Sire/Dam using DNA verification.

Verified – The Sire/Dam has been DNA verified as correct.

Not Verified – The animal is not DNA verified to its pedigreed parent. Re-testing is required.

Failed – The animal has failed DNA verification to the Sire/Dam after re-testing and no alternative Sire/Dam has been identified.

Not Verifiable – The animal has been DNA tested; however the listed Sire/Dam are not DNA verified and no further re-collection and testing is possible.

DNA Extracted: SNP(HD) and Microsatellite

Parent Verification: Sire: Verified, Dam: Not Tested
([Click for Explanation](#))

Genetic Conditions HYF DLF IEF
([Click for Explanation](#))

It is important to note, that there are two different types of DNA Test Categories: SNP (Genomic tests) & MIP (Microsatellite). When requesting a parent verification, you can only compare like to like. e.g. MIP to MIP or SNP to SNP. If a parent has been MIP tested and the progeny has been SNP tested, then verification between the two is not possible.



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