

**한우**

**유전체 보고서**

**샘플 농장**

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| |  | | --- | | **유전체 보고서** | | **CONTENTS** |  |  |  | | --- | --- | | **01** | **농가 정보** | |  | | | **02** | **개월령 별 개체 분포도** | |  | | | **03** | **개체별 유전능력** | |  | | | **04** | **농가 유전능력 순위[선발지수]** | |  | | |

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| **01** |  | **농가 정보** |

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| |  |  | | --- | --- | | **이 름** | 샘플 | | **위 치** |  | | |  |  | | --- | --- | | **구분** | **유전체두수** | | **수** | 0 | | **암** | 4 | | **합계** | 4 | |

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| **02** |  | **농가 개월령 별 개체 분포도** |

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| **개월령 분포도 [수]** | **개월령 분포도 [암]** |

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| **03** |  | **개체별 유전능력** |

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|  | **개체번호** | 002161972375 | | |
| **SNP chip** | Illumina Hanwoo 50K Beadchip | | |
| **생년월일** | 2021-04-05 | **성별** | 암 |
| **친자확인결과** | KPN1314 | **친자정확도** | 99.6% |
| **형질** | **전체 평균** | **개체 능력** | **등급** |
| **도체중-CWT** | -0.1249 | 36.96 | S |
| **등심단면적-EMA** | -0.0341 | 6.71 | A |
| **등지방두께-BFT** | -0.0001 | 1.88 | D |
| **유전능력** | **근내지방-MAR** | -0.0067 | 1.11 | S |

**▶ 형질별 개체 순위 백분율**

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| **도체중** | **등심단면적** | **등지방두께** | **근내지방** |
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| **03** |  | **개체별 유전능력** |

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|  | **개체번호** | 002138719766 | | |
| **SNP chip** | Illumina Hanwoo 50K Beadchip | | |
| **생년월일** | 2019-05-08 | **성별** | 암 |
| **친자확인결과** | KPN1112 | **친자정확도** | 99.6% |
| **형질** | **전체 평균** | **개체 능력** | **등급** |
| **도체중-CWT** | -0.1249 | 28.44 | A |
| **등심단면적-EMA** | -0.0341 | 4.85 | A |
| **등지방두께-BFT** | -0.0001 | -1.32 | B |
| **유전능력** | **근내지방-MAR** | -0.0067 | 0.59 | B |

**▶ 형질별 개체 순위 백분율**

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| **도체중** | **등심단면적** | **등지방두께** | **근내지방** |
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| **03** |  | **개체별 유전능력** |

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|  | **개체번호** | 002176864079 | | |
| **SNP chip** | Illumina Hanwoo 50K Beadchip | | |
| **생년월일** | 2022-04-26 | **성별** | 암 |
| **친자확인결과** | KPN1254 | **친자정확도** | 99.5% |
| **형질** | **전체 평균** | **개체 능력** | **등급** |
| **도체중-CWT** | -0.1249 | 22.14 | A |
| **등심단면적-EMA** | -0.0341 | 4.45 | A |
| **등지방두께-BFT** | -0.0001 | -4.36 | SS |
| **유전능력** | **근내지방-MAR** | -0.0067 | 1.99 | SS |

**▶ 형질별 개체 순위 백분율**

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| **도체중** | **등심단면적** | **등지방두께** | **근내지방** |
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| **03** |  | **개체별 유전능력** |

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|  | **개체번호** | 002156863053 | | |
| **SNP chip** | Illumina Hanwoo 50K Beadchip | | |
| **생년월일** | 2020-09-18 | **성별** | 암 |
| **친자확인결과** | KPN1145 | **친자정확도** | 99.6% |
| **형질** | **전체 평균** | **개체 능력** | **등급** |
| **도체중-CWT** | -0.1249 | -0.03 | C |
| **등심단면적-EMA** | -0.0341 | 0.03 | C |
| **등지방두께-BFT** | -0.0001 | 2.08 | D |
| **유전능력** | **근내지방-MAR** | -0.0067 | 1.14 | S |

**▶ 형질별 개체 순위 백분율**

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| **도체중** | **등심단면적** | **등지방두께** | **근내지방** |
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| **04** |  | **선발지수 적용 농가 개체 리스트** |

**▶ 소득최적선발식(가중치): (도체중\*7) + (등심단면적\*3) + (등지방두께\*-3) + (근내지방도\*4)**

| **개체번호** | **KPN** | **생년월일** | **성별** | **도체중** | **등심단면적** | **등지방두께** | **근내지방** | **순위** |
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| 002161972375 | KPN1314 | 2021-04-05 | 암 | 36.96 | 6.71 | 1.88 | 1.11 | 4.29% |
| 002138719766 | KPN1112 | 2019-05-08 | 암 | 28.44 | 4.85 | -1.32 | 0.59 | 15.19% |
| 002176864079 | KPN1254 | 2022-04-26 | 암 | 22.14 | 4.45 | -4.36 | 1.99 | 16.04% |
| 002156863053 | KPN1145 | 2020-09-18 | 암 | -0.03 | 0.03 | 2.08 | 1.14 | 21.59% |