**Table 4** Phenotypic and genotypic characteristics of *Fasciola hepatica* clonal isolates

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **No. of whole adult flukes recovered at PM** | **Mean weight of adult flukes ± SD (mg)** | **Median weight of adult flukes (mg)** | **Range of weights recorded for adult flukes (mg)** | **No. of adult flukes genotyped** | **No. of MLG observed** |
| *Fh*LivR1 | 70 | 108 ± 22 | 110 | 30–150 | 70 | 1a |
| 165 (T) | 83 ± 28 | 80 | 20–160 | 165 | 1a |
| *Fh*LivR2 | 31 | 86 ± 16.00 | 90 | 50–130 | 31 | 1b |
| 48 (T) | 98 ± 20 | 100 | 60–140 | 48 | 1b |
| *Fh*LivR3 | 35 (T) | 102 ± 30 | 110 | 40–160 | 35 | 1 |
| *Fh*LivS1 | 15 | 177 ± 27 | 180 | 90–210 | 15 | 1 |
| 0 (T) | – | – | – | – | – |
| *Fh*LivS2 | 105c | 148 ± 25 | 150 | 80–230 | 110 | 1 |
| 0 (T) | – | – | – | – | – |
| *Fh*LivS3 | 112d | 129 ± 22 | 130 | 80–280 | 126 | 1 |
| 0 (T) | – | – | – | – | – |

aSame genotype in both animals

bSame genotype in both animals

cPlus an additional 8 partial parasites

dPlus an additional 15 partial parasites

*Abbreviations*: *Fh*Liv, clonal isolate of *Fasciola*; R, resistant to triclabendazole; S, susceptible to triclabendazole; (T), treated with 10mg/kg triclabendazole 10 days prior to PM; PM, *post-mortem*; MLG, multilocus genotype based on a panel of 15 microsatellite markers