

## PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results tabulation for PT GG24: PRNP goat genotyping

Distribution date: 23/09/2024

| Sample ID            | GG2451                   |            | GG2452     |     | GG2453     |     | GG2454 |     | GG2455 |            |
|----------------------|--------------------------|------------|------------|-----|------------|-----|--------|-----|--------|------------|
| <b>Gold Standard</b> | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| Laboratory ID        | <b>Genotype reported</b> |            |            |     |            |     |        |     |        |            |
| 006                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 050                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 113                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 392                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 476                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 652                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | <b>K/K</b> |
| 751                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 754                  | N/N                      | <b>Q/Q</b> | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 757                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 768                  | -                        | -          | -          | -   | -          | -   | -      | -   | -      | -          |
| 774                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 835                  | N/N                      | Q/K        | <b>N/N</b> | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 891                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 920                  | N/N                      | Q/K        | N/S        | Q/Q | <b>N/D</b> | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 930                  | N/N                      | Q/K        | N/S        | Q/Q | S/D        | Q/Q | N/N    | Q/Q | N/N    | Q/K        |
| 998                  | -                        | -          | -          | -   | -          | -   | -      | -   | -      | -          |

### Comments :

**Lab 768** and **Lab 988** didn't submit any result. For this reason they failed this PT round.

**Lab 652** - Sample GG2455: The laboratory reported the codon 222 genotype K/K instead of Q/K. For this reason the laboratory failed this PT round.

**Lab 754** - Sample GG2451: The laboratory reported the codon 222 genotype Q/Q instead of Q/K. For this reason the laboratory failed this PT round.

**Lab 835** - Sample GG2452: The laboratory reported the codon 146 genotype N/N instead of N/S. For this reason the laboratory failed this PT round.

**Lab 920** - Sample GG2453: The laboratory reported the codon 146 genotype N/D instead of S/D. For this reason the laboratory failed this PT round.

All the other laboratories have reported all samples as the intended results.

**Lab 652** and **Lab 751** also submitted the results using the wrong NRL ID code.

Comments provided by Clarissa Ferreri, Istituto Superiore di Sanità - Rome

### Conclusion:

All the laboratories have passed this PT round except Laboratories 652, 754, 768, 835, 920 and 998.

Date: 4 November 2024

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