

## Russell Terrier



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

| Disease                                                                      | Gene     | Reference    | # tests | M/N   |          |
|------------------------------------------------------------------------------|----------|--------------|---------|-------|----------|
| <a href="#">Dilated Cardiomyopathy risk factor (PDK4-related)</a>            | PDK4     | Donner, 2023 | 239     | 29.0% | DOMINANT |
| <a href="#">Microphthalmia (Soft-Coated Wheaten Terrier)</a>                 | RBP4     | Donner, 2023 | 239     | 12.1% |          |
| <a href="#">Degenerative Myelopathy (DM)</a>                                 | SOD1     | Donner, 2023 | 239     | 10.7% |          |
| <a href="#">Chondrodystrophy and Intervertebral Disc Disease Risk (CDDY)</a> | FGF4     | Donner, 2023 | 239     | 10.2% | DOMINANT |
| <a href="#">Bald Thigh Syndrome (Sighthounds)</a>                            | IGFBP5   | Donner, 2023 | 123     | 7.0%  |          |
| <a href="#">Cystinuria Type I-B (SLC7A9 p.A217T)</a>                         | SLC7A9   | Donner, 2023 | 238     | 1.7%  |          |
| <a href="#">Dilated Cardiomyopathy risk factor (TTN-related)</a>             | TTN      | Donner, 2023 | 239     | 1.7%  | DOMINANT |
| <a href="#">Hyperuricosuria (HUU)</a>                                        | SLC2A9   | Donner, 2023 | 239     | 1.2%  |          |
| <a href="#">Progressive Rod-Cone Degeneration (prcd-PRA)</a>                 | PRCD     | Donner, 2023 | 239     | 1.2%  |          |
| <a href="#">Amelogenesis Imperfecta (Parson Russell Terrier; AI)</a>         | ENAM     | Donner, 2023 | 239     | 0.83% |          |
| <a href="#">Primary Lens Luxation (PLL)</a>                                  | ADAMTS17 | Donner, 2023 | 239     | 0.83% |          |
| <a href="#">Congenital Myasthenic Syndrome (Heideterrier; CMS)</a>           | CHRNE    | Donner, 2023 | 125     | 0.80% |          |
| <a href="#">Canine Multifocal Retinopathy 1 (Mastifs; CMR1)</a>              | BEST1    | Donner, 2023 | 239     | 0.42% |          |
| <a href="#">Neuronal Ceroid Lipofuscinosis 12 (Australian Cattle Dog)</a>    | ATP13A2  | Donner, 2023 | 239     | 0.42% |          |
| <a href="#">Spinocerebellar Ataxia with Myokymia and/or Seizures (SCA)</a>   | KCNJ10   | Donner, 2023 | 239     | 0.42% |          |