

## Pomeranian



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

| Disease                                                                     | Gene     | Reference    | # tests | M/N    |                 |
|-----------------------------------------------------------------------------|----------|--------------|---------|--------|-----------------|
| <a href="#">Degenerative Myelopathy (DM)</a>                                | SOD1     | Donner, 2018 | 82      | 24.2%  |                 |
|                                                                             |          | Donner, 2023 | 5294    | 16.3%  |                 |
| <a href="#">Von Willebrand's Disease, Type 1 (vWD 1)</a>                    | VWF      | Donner, 2018 | 76      | 13.2%  |                 |
|                                                                             |          | Donner, 2023 | 5294    | 15.6%  |                 |
| <a href="#">Ehlers-Danlos Syndrome (Chihuahua, Poodle)</a>                  | COL5A2   | Donner, 2023 | 121     | 8.7%   | <b>DOMINANT</b> |
| <a href="#">Progressive Rod-Cone Degeneration (prcd-PRA)</a>                | PRCD     | Donner, 2018 | 76      | 1.3%   |                 |
|                                                                             |          | Donner, 2023 | 5285    | 4.1%   |                 |
| <a href="#">Bald Thigh Syndrome (Discovered in Sighthounds)</a>             | IGFBP5   | Donner, 2023 | 121     | 4.0%   |                 |
| <a href="#">Dilated Cardiomyopathy risk factor (TTN-related)</a>            | TTN      | Donner, 2023 | 5294    | 3.5%   | <b>DOMINANT</b> |
| <a href="#">Progressive Retinal Atrophy (Giant Schnauzer)</a>               | NECAP1   | Donner, 2023 | 5294    | 3.1%   |                 |
| <a href="#">Rod-Cone Dysplasia 3 (Cardigan Welsh Corgi; rcd3)</a>           | PDE6A    | Donner, 2018 | 82      | 2.4%   |                 |
|                                                                             |          | Donner, 2023 | 5293    | 1.7%   |                 |
| <a href="#">Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)</a>   | FGF4     | Donner, 2023 | 5268    | 1.1%   | <b>DOMINANT</b> |
| <a href="#">Canine Multifocal Retinopathy 1 (Mastiffs; CMR1)</a>            | BEST1    | Donner, 2023 | 5294    | 0.54%  |                 |
| <a href="#">Cone-Rod Dystrophy (cord1-PRA/crd4)</a>                         | RPGRIP1  | Donner, 2023 | 5284    | 0.23%  |                 |
| <a href="#">Hereditary Vitamin D-Resistant Rickets Type II</a>              | VDR      | Donner, 2023 | 5294    | 0.21%  |                 |
| <a href="#">Hyperuricosuria (HUU)</a>                                       | SLC2A9   | Donner, 2023 | 5294    | 0.19%  |                 |
| <a href="#">Dilated Cardiomyopathy risk factor (PDK4-related)</a>           | PDK4     | Donner, 2023 | 5294    | 0.15%  | <b>DOMINANT</b> |
| <a href="#">Factor VII Deficiency</a>                                       | F7       | Donner, 2023 | 5293    | 0.11%  |                 |
| <a href="#">Cystinuria Type I-B (SLC7A9 p.A217T)</a>                        | SLC7A9   | Donner, 2023 | 5294    | 0.11%  |                 |
| <a href="#">Osteochondrodysplasia (Miniature Poodle)</a>                    | SLC13A1  | Donner, 2023 | 5294    | 0.11%  |                 |
| <a href="#">Skeletal Dysplasia 2 (SD2)</a>                                  | COL11A2  | Donner, 2023 | 5294    | 0.094% |                 |
| <a href="#">Primary Lens Luxation (PLL)</a>                                 | ADAMTS17 | Donner, 2023 | 5294    | 0.057% |                 |
| <a href="#">Congenital Dysmorphogenic Hypothyroidism, Goiter (Shih Tzu)</a> | SLC5A5   | Donner, 2023 | 5293    | 0.038% |                 |
| <a href="#">Early-Onset Progressive Polyneuropathy (Greyhound)</a>          | NDRG1    | Donner, 2023 | 5293    | 0.038% |                 |
| <a href="#">Prekallikrein Deficiency</a>                                    | KLKB1    | Donner, 2023 | 5294    | 0.038% |                 |
| <a href="#">Cystinuria Type I-A (SLC3A1 p.I192V)</a>                        | SLC3A1   | Donner, 2023 | 5293    | 0.019% |                 |
| <a href="#">Acral Mutilation Syndrome (AMS)</a>                             | GDNF-AS  | Donner, 2023 | 5294    | 0.019% |                 |
| <a href="#">Amelogenesis Imperfecta (Italian Greyhound; AI)</a>             | ENAM     | Donner, 2023 | 5294    | 0.019% |                 |
| <a href="#">Cystinuria Type I-A (SLC3A1 p.S698G)</a>                        | SLC3A1   | Donner, 2023 | 5294    | 0.019% |                 |
| <a href="#">Exercise-Induced Collapse (EIC)</a>                             | DNM1     | Donner, 2023 | 5294    | 0.019% |                 |
| <a href="#">Thrombopathia (Eskimo Spitz)</a>                                | RASGRP2  | Donner, 2023 | 5294    | 0.019% |                 |