

Known Disorders in the Breed

| **Type** | | | **Disorder** | | | | | | **Genotype** | | **Status** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Blood Disorders | | | Erythrocyte Pyruvate Kinase (PK) Deficiency | | | | | | G/G | | Clear | | |
| Cardiac Disorders | | | Hypertrophic Cardiomyopathy, MYBPC3 mutation: A31P found in Maine Coon | | | | | | G/G | | Clear | | |
| Muscular Disorders | | | Spinal Muscular Atrophy (SMA)/Spinal Muscular Dystrophy | | | | | | I/I | | Clear | | |
| Renal Disorders | | | | Polycystic Kidney Disease | | | | | | Clear | | | |
| **Trait** | **Tested variant** | | | | **Genotype** | | **Interpretation** | | | | |  |  |
| Blood Type (3 variants) |  | | | | N/N | | Cat has blood type A. | | | | |  |  |
| Color Locus D: Dilution | | *MLPH* T83del (d allele) | | | | D/d | | The coat color is not diluted; the cat carries one copy of the dilute gene. | | | | | |
| Color Locus A: Agouti | |  | | | | a/a | | The cat is likely to have non-agouti (solid) coat color. | | | | | |