

PPG Merle Allele Size Nomenclature and Interpretation Summary

Allele Nomenclature and SINE Insertion Size (bp)	Merle Phenotype Group	Phenotype Summary
No insertion (m)	Non-merle	No merle, wild-type.
M²⁰⁰⁻²⁴⁶	Cryptic	Most cases are non-merle but in rare cases may have very small merle patch(es) or subtle color anomalies.
M²⁴⁷⁻²⁶⁴	Atypical	Most cases show a significant shift from normal coat color often giving a diluted color, show reddish undertones, or have an otherwise atypical merle appearance.
M²⁶⁵⁻²⁶⁹	Classic	Most cases show classic merle with a significant amount of merle color and patterning although some cases may only show a minimal amount of merle.
M²⁷⁰⁻²⁸⁰	Harlequin	Most cases display patches of multiple shades of the same or different colors without white (tweed) or with white (harlequin) and is often referred to as patchwork.

