Supplementary Material

A graph with a green line

Description automatically generated A diagram of a normal distribution

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**Supplementary Figure 1: Frequency distributions of mineral content in 214 tetraploid advanced potato genotypes evaluated in three environments of Texas (Dalhart 2019, 2020 and Springlake 2020).** **Both the test statistic (W) and associated p value from a Shapiro–Wilk normality test are shown.**

A graph of a number of variables

Description automatically generated

**Supplementary Figure 2:** **Bar plot of** **contributions (%) of mineral contents to dimensions 1 and 2. The red dashed (cutoff) line on the graph indicates the expected average contribution.**