

Table S4: **Variant site counts used to calculate sensitivity and positive predictive value for each tranche.** Subsets of each of the six tranches (75.0%, 95.0%, 97.5%, 99.0%, 99.9%, and 100.0%) were used for determining sensitivity and positive predictive value. Sensitivity was calculated using $\frac{(Tranche \cap Nordborg)}{Nordborg}$. Positive predictive value was calculated using $\frac{(Tranche \cap Nordborg) + ((Tranche \setminus Nordborg) \cap Gramene43)}{Tranche}$. For example, the sensitivity of the 75.0% tranche is $\frac{1762}{3243} = 0.543$ and the positive predictive value is $\frac{1762+20}{1789} = 0.996$

Variant Source	Number Variant Sites
Nordborg 2005	3243
75.0%	1789
75.0% \cap Nordborg 2005	1762
(75.0% \setminus Nordborg 2005) \cap Gramene43	20
75.0% \setminus (Nordborg 2005 \cup Gramene43)	7
95.0%	3014
95.0% \cap Nordborg 2005	2897
(95.0% \setminus Nordborg 2005) \cap Gramene43	98
95.0% \setminus (Nordborg 2005 \cup Gramene43)	19
97.5%	3107
97.5% \cap Nordborg 2005	2982
(97.5% \setminus Nordborg 2005) \cap Gramene43	103
97.5% \setminus (Nordborg 2005 \cup Gramene43)	22
99.0%	3212
99.0% \cap Nordborg 2005	3078
(99.0% \setminus Nordborg 2005) \cap Gramene43	109
99.0% \setminus (Nordborg 2005 \cup Gramene43)	25
99.9%	3589
99.9% \cap Nordborg 2005	3220
(99.9% \setminus Nordborg 2005) \cap Gramene43	205
99.9% \setminus (Nordborg 2005 \cup Gramene43)	164
100.0%	3716
100.0% \cap Nordborg 2005	3241
(100.0% \setminus Nordborg 2005) \cap Gramene43	240
100.0% \setminus (Nordborg 2005 \cup Gramene43)	235