

S3 Table Spearman correlations for height increment in the G2 mapping population. Only significant correlations ($p < 0.05$) are listed.

| | HI_85- 86 | HI_86- 87 | HI_87- 88 | HI_88- 89 | HI_89- 90 | HI_90- 91 | HI_91- 92 | HI_92- 93 | HI_93- 94 | HI_94- 95 | HI_95- 96 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| HI_86-87 | 0.46 | | | | | | | | | | |
| HI_87-88 | 0.41 | 0.33 | | | | | | | | | |
| HI_88-89 | 0.53 | 0.39 | 0.61 | | | | | | | | |
| HI_89-90 | 0.42 | 0.27 | 0.43 | 0.44 | | | | | | | |
| HI_90-91 | 0.28 | 0.27 | 0.36 | 0.37 | 0.37 | | | | | | |
| HI_91-92 | 0.23 | 0.21 | 0.25 | 0.28 | 0.33 | 0.22 | | | | | |
| HI_92-93 | 0.29 | 0.31 | 0.3 | 0.39 | 0.34 | 0.39 | 0.4 | | | | |
| HI_93-94 | 0.32 | 0.42 | 0.37 | 0.44 | 0.35 | 0.43 | 0.33 | 0.64 | | | |
| HI_94-95 | 0.29 | 0.36 | 0.37 | 0.39 | 0.36 | 0.45 | 0.23 | 0.6 | 0.71 | | |
| HI_95-96 | 0.26 | 0.32 | 0.29 | 0.36 | 0.26 | 0.35 | 0.23 | 0.42 | 0.51 | 0.62 | |
| HI_96-97 | - | 0.2 | 0.3 | 0.36 | 0.29 | 0.36 | 0.24 | 0.41 | 0.48 | 0.55 | 0.56 |