

Table 2 Summary of allele frequency, allele number and diversity indices of 86 sweet sorghum genotypes

| Marker name | Major allele frequency | Genotype number | Allele number | Gene diversity | Heterozygosity | PIC  |
|-------------|------------------------|-----------------|---------------|----------------|----------------|------|
| Xcup 53     | 0.90                   | 6               | 4             | 0.19           | 0.03           | 0.18 |
| Xcup 63     | 0.95                   | 5               | 5             | 0.09           | 0.01           | 0.09 |
| mSbCIR 329  | 0.38                   | 16              | 9             | 0.75           | 0.14           | 0.72 |
| mSbCIR 246  | 0.43                   | 4               | 3             | 0.65           | 0.84           | 0.57 |
| Xtxp 021    | 0.49                   | 12              | 9             | 0.68           | 0.07           | 0.64 |
| Xcup 14     | 0.54                   | 13              | 10            | 0.64           | 0.25           | 0.60 |
| Xcup 02     | 0.54                   | 8               | 7             | 0.64           | 0.01           | 0.60 |
| Xtxp 273    | 0.73                   | 8               | 7             | 0.43           | 0.10           | 0.39 |
| Xtxp 012    | 0.19                   | 32              | 19            | 0.90           | 0.35           | 0.89 |
| Xtxp 145    | 0.73                   | 6               | 6             | 0.44           | 0.00           | 0.41 |
| mSbCIR 283  | 0.36                   | 10              | 7             | 0.75           | 0.06           | 0.71 |
| Mean        | 0.57                   | 11              | 8             | 0.56           | 0.17           | 0.53 |