Table 5 Analysis of intergeneration correlation 12 quantitative traits in recombinant line (F<sub>3</sub>) and (F<sub>4</sub>) of Gullya white×Maruti cross generation

| Source of   | Day to 50% | Days to  | Plant height | No. of primary | No. of secondary | No. of seeds | No. of seeds per | No. of pods per | Pod bearing | Test weight | Seed yield per plant |
|-------------|------------|----------|--------------|----------------|------------------|--------------|------------------|-----------------|-------------|-------------|----------------------|
| variation   | flowering  | maturity | (cm)         | branches       | branches         | per pod      | plant            | plant           | length (cm) | (gm)        | (gm)                 |
| Correlation | 0.07       | 0.66**   | 0.09         | -0.01          | 0.15             | -0.05        | 0.25**           | 0.53**          | -0.15       | 0.79**      | 0.71**               |

Note: \* Significant @ 5%; \*\*Significant @ 1%