**Table S1: Salient features of parents used in investigation**

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| **Features** | **Byadagi Kaddi (BK)** | **Bhooth Jalokia (BJ)** |
| Capsaicin (Pungency) |  Low pungency (8000-15000 SHU) | High pungency (10,41,427 SHU) |
| Oleoresin (Colour) | Deep red | Yellow to orange |
| Fruit shape | Long slender | Conical to sub conical |