**Exploitation of genetics for improvement of morphological traits in segregating population of underutilized ornamental herb (*Catharanthus roseus* (L.) G. Don)**

Bolagam Ravikumar and K K Dhatt

Department of Floriculture and Landscaping, Punjab Agricultural University, Ludhiana, Punjab, India-141004

**Corresponding author email**: ravikumar-fl@pau.edu

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| **Supplementary Table 1.** Experimental material |
| **Inbred** | **As per RHS colour chart** |
| **Flower colour** | **Stem colour** |
| P1 (Vi –15-1) | Red purple group N74A | Red purple group 59C |
| P2 (Vi –13-2) | White group N155D | Yellow green group N144B |
| P3 (Vi –16) | Red purple group N74 A | Red purple group 60A |
| P4 (Vi –15-2) | Red purple group 73 A | Red purple group 59B |
| P5 (Vi –29) | White group 155D | Yellow green group 149A |
| P6 (Vi –14-3) | Red purple group 63B | Yellow green group N144B |

**Supplementary Table 2.** Thirty cross combinations generated through full diallel crossing scheme

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| --- | --- | --- | --- | --- | --- | --- |
| **Parents** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** |
| **P1** |  | P12 | P13 | P14 | P15 | P16 |
| **P2** | P21 |  | P23 | P24 | P25 | P26 |
| **P3** | P31 | P32 |  | P34 | P35 | P36 |
| **P4** | P41 | P42 | P43 |  | P45 | P46 |
| **P5** | P51 | P52 | P53 | P54 |  | P56 |
| **P6** | P61 | P62 | P63 | P64 | P65 |  |