| $\begin{gathered} \text { S. } \\ \text { No. } \end{gathered}$ | Variety／Line | 7 | $\mathbb{Z}$ | $\pm$ | ， | $\vec{\sim}$ | 퐃 | $\begin{aligned} & \text { N } \\ & \text { N } \end{aligned}$ | ㄴ | $\begin{aligned} & \ddagger \\ & \hline \end{aligned}$ | \％ | $\underset{6}{6}$ | $\stackrel{\rightharpoonup}{\sigma}$ |  | $\underset{\text { ¢ }}{6}$ | $\stackrel{N}{7}$ | 气 | $\stackrel{\sqrt{V}}{7}$ | $\begin{aligned} & \text { J } \\ & \end{aligned}$ | $\frac{\overline{1}}{7}$ | $\stackrel{\text { N}}{ }$ | $\stackrel{m}{3}$ | $\stackrel{\text { I }}{\underset{~}{3}}$ | $\stackrel{\text { n }}{3}$ | $\begin{aligned} & \text { 불 } \\ & \hline \end{aligned}$ | N | $\underset{\sim}{ \pm}$ | べ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |  |
| 1 | HPW349（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr7b＋2＋ |
| 2 | VL907（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋2＋ |
| 3 | HS507（C） | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋ |
| 4 | HS652 | R | R | R | R | R | R | R | R | R | R | MR | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2＋ |
| 5 | HS562（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr8a＋9b＋2＋ |
| 6 | VL892（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr30＋11＋ |
| 7 | HS490（C） | S | MS | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | Sr28＋9b＋ |
| 8 | HPW468 | S | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | MS | R | R | R | R | MS | R | R | S | Sr9b＋11＋ |
| 9 | HS673 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋ |
| 10 | VL3020 | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋ |
| 11 | UP3041 | S | R | NG | R | R | R | R | R | NG | R | R | NG | R | R | NG | R | R | R | R | R | R | MS | R | R | R | R | R | Sr9b＋11＋ |
| 12 | HPW467 | R | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | － |
| 13 | HS674 | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr30＋ |
| 14 | VL3019 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋ |
| 15 | VL3021 | R | R | R | R | R | R | R | MS | R | NG | R | R | R | R | R | R | R | R | R | R | R | MS | R | MS | R | R | R | Sr13＋11＋2＋ |
| 16 | WH1105（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R＊ |
| 17 | HD3226（I）（ C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2＋ |
| 18 | HD 3086 （C） | S | R | NG | S | R | R | R | S | R | R | R | R | R | MR | R | R | R | R | MS | R | R | MR | R | MR | S | R | S | Sr7b＋2＋ |
| 19 | PBW820 | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋2＋ |
| 20 | DBW221 | R | R | R | S | S | S | S | MS | R | R | S | R | S | S | R | R | MS | R | MR | MS | S | S | MS | S | R | R | S | Sr7b＋2＋ |
| 21 | DBW222 | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋ |
| 22 | PBW550（C） | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋2＋ |
| 23 | PBW821 | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 24 | HD2967（C） | R | R | R | S | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr8a＋11＋2＋ |
| 25 | NW7049 | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2＋ |
| 26 | $\begin{aligned} & \text { DDW621-50 (C } \\ & \text { ) } \\ & \hline \end{aligned}$ | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | NG | R | R | Sr2＋ |
| 27 | DBW88（C） | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr11＋2＋ |
| 28 | PBW752（I）（C） | S | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | $-$ |
| 29 | DBW173（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋5＋ |
| 30 | WH1021（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋2＋ |
| 31 | HD 3059 （C） | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | MS | R | R | S | R | R | S | Sr11＋2＋ |
| 32 | WH1124（C） | S | S | R | MS | R | R | R | R | R | R | MS | R | S | MS | R | R | R | R | MS | R | R | MS | MR | R | R | R | S | Sr7b＋2＋ |
| 33 | PBW771 | R | R | R | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋ |
| 34 | HI1620（I）（C） | S | R | R | R | R | R | R | M | R | R | R | R | R | M | R | R | R | R | R | R | MS | R | R | S | R | R | R | Sr11＋7b＋ |
| 35 | PBW796 | S | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | S | Sr9b＋11＋2＋ |
| 36 | HI1628 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2＋ |
| 37 | WH1142 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋2＋ |
| 38 | HD3043（C） | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31＋2＋ |


| 39 | PBW644 (C) | R | R | R | R | R | R | R | R | R | R | MS | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr11+2+ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 40 | HD3237 (C)(I) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr5+ |
| 41 | BRW 3806 | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+5+ |
| 42 | NIAW3170 | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2+ |
| 43 | WH1080 (C) | R | R | R | R | R | R | R | R | R | R | MS | R | MR | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr9e+2+ |
| 44 | HD3249(C) | R | R | R | R | R | R | R | R | R | R | R | R | R | MS | MS | R | R | R | R | R | MS | R | R | R | R | R | R | Sr11+2+ |
| 45 | HD2733 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | Sr31+2+ |
| 46 | PBW781 | R | R | R | R | R | R | R | R | R | R | R | R | R | S | R | MR | R | R | R | R | R | R | R | R | R | R | R | Sr11+ |
| 47 | DBW257 | R | R | R | S | MR | R | R | R | R | R | R | R | S | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+5+ |
| 48 | DBW39 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+2+ |
| 49 | HD3277 | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 50 | RAJ4529 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 51 | DBW187 (I) (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | MR | R | R | MR | R | R | R | R | R | R | Sr5+11 |
| 52 | WH1239 | S | S | R | S | R | R | R | R | R | R | S | R | S | MS | R | R | R | R | R | R | R | R | R | R | S | R | S | Sr7b+ |
| 53 | K0307 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2+ |
| 54 | HD2967 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr8a+11+2+ |
| 55 | K1317 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+2+ |
| 56 | HI1612 (C) | S | R | R | R | R | R | R | R | NG | S | R | R | S | S | R | MR | R | R | MR | R | R | R | R | R | R | R | R | Sr7b+2+ |
| 57 | HD3293 | MS | S | R | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | MR | R | R | R | R | R | R | Sr13+ |
| 58 | HD3171 (C) | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | MS | R | R | R | R | MS | R | Sr11+7b+2+ |
| 59 | HD2888 (C) | R | R | R | R | R | R | R | R | R | NG | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr24+2+ |
| 60 | DBW252 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr8a+5+11+2+ |
| 61 | K8027 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | $-$ |
| 62 | DBW 273 | R | R | R | R | R | R | R | R | R | R | R | R | S | S | R | R | R | R | R | R | R | R | R | S | R | R | R | Sr9e+ |
| 63 | HI8713 (d) (C) | R | R | R | R | R | R | R | R | R | R | R | NG | R | R | R | R | S | MR | MR | S | MR | R | R | MR | R | S | R | Sr9e+2+ |
| 64 | NIDW1158(d) | R | R | R | R | R | R | NG | R | R | R | MR | R | R | R | MS | R | S | R | MS | S | R | R | R | S | R | S | S | Sr7b+2+ |
| 65 | HI8811 (d) | R | R | R | R | R | R | R | MS | R | R | R | R | R | M | MR | MR | S | R | MS | S | MR | R | R | S | R | S | S | Sr11+2+ |
| 66 | HD3343 | S | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | R | MR | MS | R | R | R | R | S | Sr13+2+ |
| 67 | GW322 (C) | S | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | MS | R | MS | R | R | R | MR | Sr11+2+ |
| 68 | HI1544 (C) | R | NG | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | Sr24+2+ |
| 69 | H18737 (C) (d) | R | R | R | S | R | R | R | S | R | R | R | R | R | S | R | S | S | MR | MS | S | S | MS | MR | S | R | MR | S | Sr9e+2+ |
| 70 | HI8812 (d) | R | R | R | R | R | R | R | S | R | R | MR | R | R | R | R | R | R | MR | R | R | R | R | R | S | R | MR | R | Sr7b+2+ |
| 71 | GW1348 (d) | R | R | R | MS | R | R | R | MS | R | R | S | R | R | R | R | R | S | R | S | S | S | S | S | S | R | S | R | Sr7b+ |
| 72 | DDW49 (d) | R | R | R | S | R | R | R | S | S | MR | S | S | S | S | R | R | S | MR | S | S | MS | S | S | S | R | S | R | Sr7b+ |
| 73 | PBW822 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R |
| 74 | HD3345 | R | R | R | R | R | R | R | R | R | NG | R | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr30+8a+2+ |
| 75 | DDW48(d) | R | R | R | R | R | R | R | S | R | MS | R | R | R | R | R | MS | S | S | S | S | S | R | R | S | R | R | S | Sr7b+2+ |
| 76 | HI8627 (d) (C) | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | S | R | R | S | S | NG | R | S | R | S | R | Sr9e+2+ |
| 77 | DBW110(C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 78 | UAS466 (d) | R | R | R | R | R | R | R | S | R | R | S | R | R | R | R | R | S | R | S | S | S | R | MS | S | R | R | R | Sr11+2+ |
| 79 | MP3288 (C) | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr24+2+ |
| 80 | DBW277 | R | R | R | R | R | R | R | R | R | R | R | R | S | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr5+8a+ |
| 81 | DDW47 (d) | R | R | R | MS | R | R | R | S | R | R | R | R | R | MS | R | R | S | MR | R | MS | S | R | R | R | R | MS | R | Sr11+7b+2+ |
| 82 | HD2932 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr11+ |
| 83 | HD2864 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 84 | MP3336 (C) | MS | R | R | R | R | R | R | R | NG | R | MR | R | R | R | R | R | R | R | R | R | S | R | MS | R | R | R | R | Sr11+2+ |
| 85 | MP4010 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr24+2+ |
| 86 | CG1029 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 87 | UAS3002 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+5+ |


| 88 | HI1633 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 89 | HI1634 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+ |
| 90 | HI8808 (d) | R | R | R | R | R | R | R | S | R | R | R | R | R | R | S | S | R | MR | MS | S | R | R | R | S | R | S | MS | Sr7b+2+ |
| 91 | HI8807 (d) | R | R | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | MS | MR | R | R | R | R | S | R | MS | R | Sr11+2+ |
| 92 | PBW823 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2+ |
| 93 | UAS 428 (d) (C) | R | R | NG | MS | R | R | R | R | R | R | MS | R | R | MR | R | NG | S | R | S | S | S | S | S | S | R | S | R | Sr7b+ |
| 94 | DDW49 (d) | R | R | R | S | M | R | R | S | R | MS | S | R | S | S | R | R | S | MR | S | S | S | R | R | S | R | S | R | Sr7b+2+ |
| 95 | UAS3001 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+ |
| 96 | $\begin{aligned} & \text { MACS3949(d)(C } \\ & )^{2} \end{aligned}$ | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | S | MR | S | S | S | R | R | S | R | S | R | Sr7b+2+ |
| 97 | MACS 6222 (C) | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 98 | GW322 (C) | S | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | R | S | R | R | R | R | R | R | Sr11+2+ |
| 99 | DDW48 (d) | R | R | R | S | R | R | R | S | R | S | S | R | S | MS | R | R | S | MS | S | S | S | R | R | S | R | S | R | Sr7b+2+ |
| 100 | Macs6478 | R | S | R | R | R | R | R | R | NG | R | R | R | R | S | R | R | R | R | R | R | MR | R | R | R | R | R | R | Sr28++ |
| 101 | HD3343 | R | R | R | R | R | R | R | R | R | R | MR | R | R | S | R | R | S | R | R | R | MR | R | R | R | R | R | S | Sr13+2+ |
| 102 | WHD 963 (d) | R | R | R | MR | R | R | R | S | R | R | R | R | R | R | R | R | S | R | S | MS | S | S | R | S | R | MS | R | Sr7b+2+ |
| 103 | HI8807(d) | R | R | R | M | R | R | R | S | R | R | R | R | R | R | R | R | R | MR | R | S | R | MX | R | S | R | S | R | Sr11+2+ |
| 104 | HI 1633 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+ |
| 105 | UAS3002 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+5+ |
| 106 | Raj4083(d) | R | R | R | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | R | S | R | R | R | R | R | Sr11+2+ |
| 107 | HD2932 (C) | R | R | R | R | R | R | R | R | R | R | S | R | R | MS | R | R | R | R | R | R | R | S | R | R | R | R | R | Sr11+ |
| 108 | GW509 | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr24+2+ |
| 109 | HD3090 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+2+ |
| 110 | NIAW3170 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2+ |
| 111 | GW1346(d) | R | MR | R | R | R | R | R | S | R | R | R | R | R | R | S | MR | R | R | R | S | R | R | R | MS | R | MR | MR | Sr7b+2+ |
| 112 | MACS 4058(d) | R | R | R | R | R | R | R | S | R | R | MS | R | R | R | MR | R | S | MR | S | R | MR | R | R | S | R | MS | MR | Sr11+ |
| 113 | DBW93 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+2+ |
| 114 | HI8805 (d) | R | NG | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | S | R | R | R | Sr13+11+2+ |
| 115 | AKDW2997-16 <br> (d) (C) | S | S | R | S | S | R | R | S | R | R | R | R | MS | R | R | R | S | R | S | S | MS | S | R | S | R | MS | S | Sr7b $+2+$ |
| 116 | Macs6695 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | * |
| 117 | UAS446 (d)(C) | R | R | R | MS | R | R | R | S | R | R | R | R | R | R | R | R | S | R | MS | MR | R | M | R | S | R | MS | R | Sr11+2+ |
| 118 | HI1605 (C) | S | R | R | R | R | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr5+11+ |
| 119 | Macs 6696 | R | R | R | R | R | R | R | R | R | R | MS | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr9e+ |
| 120 | NIDW1149 (d) | R | R | NG | R | R | R | R | R | R | R | MR | R | R | R | MR | R | S | R | R | R | R | R | R | R | R | S | MS | Sr11+2+ |
| 121 | HI8802 (d) | R | R | R | MS | R | R | R | S | R | R | R | R | R | MR | R | R | S | MR | MR | R | MS | R | R | S | R | R | R | Sr13+2+ |
| 122 | DDK1029 (C) | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | MR | R | R | R | R | R | S | MR | Sr11+ |
| 123 | MACS5052 | R | S | R | MR | R | R | R | S | R | R | R | R | R | S | S | R | R | MR | R | R | MR | R | R | S | R | S | MS | - |
| 124 | MACS6222 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 125 | DDK1056 | R | MS | R | S | S | R | R | S | R | R | R | R | R | MS | S | R | R | MR | R | S | MS | R | R | S | R | S | MS | Sr7b+2+ |
| 126 | HW1098(C) | R | R | R | R | R | R | R | S | NG | R | R | R | R | MR | S | MR | R | NG | R | MS | R | R | NG | S | R | S | S | Sr11+2+ |
| 127 | Macs 5053 | R | R | R | R | R | R | R | S | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | MR | S | R | S | S | Sr11+ |
| 128 | DDK1057 | R | R | R | R | R | R | R | S | R | R | R | R | R | R | MS | R | R | NG | R | S | R | MS | R | S | R | NG | R | Sr13+ |
| 129 | HD3317 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+ |
| 130 | WH1254 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr25+ |
| 131 | DBW301 | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr11+ |
| 132 | WH1270 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | MR | R | R | R | R | R | R | R | Sr13+ |
| 133 | HD2967 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | Sr8a+11+2+ |
| 134 | PBW824 | R | MR | R | R | R | R | R | R | NG | R | MR | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+2+ |


| 135 | UP3043 | S | R | R | R | R | R | R | S | R | R | MR | R | R | S | R | R | R | MR | R | R | R | R | R | S | R | R | R | Sr2+ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 136 | DBW187 | MS | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | MR | R | R | R | R | R | R | Sr5+11+ |
| 137 | PBW825 | S | S | R | R | R | R | R | MS | R | R | MS | R | S | R | R | R | R | R | R | MS | R | MR | R | S | R | R | S | Sr2+ |
| 138 | DBW303 | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 139 | DBW304 | MS | R | R | R | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr30+5+2+ |
| 140 | UP3042 | S | R | R | R | R | R | R | R | R | NG | S | R | R | R | R | R | NG | R | R | R | R | R | NG | R | R | R | R | Sr30+5+2+ |
| 141 | DBW302 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+2+ |
| 142 | PBW825 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | MR | R* |
| 143 | HD3347 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | MS | Sr11+7b+2+ |
| 144 | WH1223 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R* |
| 145 | KRL 19 (C) | R | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr8b $+9 b+11+2+$ |
| 146 | Kharchia 65 | S | R | R | R | S | MS | R | S | S | R | S | S | S | S | S | MR | R | MS | S | S | S | R | MS | S | S | S | S | Sr7b+ |
| 147 | NW7060 | S | R | R | R | R | R | R | R | R | R | MS | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr30+5+ |
| 148 | KRL 210(C) | S | R | R | S | R | R | R | MR | R | R | S | R | S | R | R | R | R | R | R | R | R | R | R | S | MS | R | MS | Sr7b+2+ |
| 149 | WH1228 | S | R | R | R | R | R | R | R | R | R | R | R | S | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+2+ |
| 150 | NW7062 | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr31+5+2+ |
| 151 | PBW 757 (C) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr2+* |
| 152 | WR544 (C) | R | R | R | R | R | R | R | R | R | R | S | R | R | S | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+8a+2+ |
| 153 | HD3298 | R | R | R | R | R | R | R | R | NG | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R* |
| 154 | HD3271 | S | R | R | R | R | R | R | MR | R | R | MS | R | S | R | MR | MS | S | S | MS | R | R | R | R | MS | MS | MR | S | Sr11+2+ |
| 155 | DBW 14 (C) | MS | R | R | R | R | R | R | R | R | R | S | R | R | MR | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+11+2+ |
| 156 | DBW71 (C) | R | R | R | S | R | R | R | MS | R | R | S | R | R | S | MR | R | R | R | R | R | R | R | R | S | R | R | R | * |
| 157 | HI1621 | R | R | R | MS | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Sr28+ |
| 158 | PBW 797 | S | R | R | R | R | R | R | R | R | R | MS | R | R | R | R | R | R | R | R | R | MR | R | R | R | R | R | S | Sr11+7b+2+ |

