|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **GPL1208** | **GPL1990 GPL19911** | **GPL1992 GPL19931** | **GPL2557 GPL2572 GPL35381** | **GPL2572** | **GPL2613** | **GPL2984** | **GPL3021** | **GPL3099** | **GPL3333** | **GPL3538** | **GPL3618** | **GPL372** | **GPL4521** | **GPL498** | **GPL499** | **GPL5439  GPL54401** | **GPL6053** | **GPL6092** | **GPL6438** | **GPL6460** | **GPL7209** | **GPL7297** | **Maize** |
| **GPL1208** | **3124** | 2777 | 2777 | 2530 | 1307 | 1904 | 407 | 1704 | 1970 | 1920 | 1339 | 342 | 299 | 1510 | 3124 | 3124 | 2792 | 1740 | 3124 | 2734 | 2311 | 2531 | 1968 | 1916 |
| **GPL1990 GPL1991** | 2777 | **19967** | **19967** | **10492** | 5456 | 6088 | 3632 | 5597 | 8435 | 6091 | 6076 | 1249 | 1463 | 5257 | 2777 | 2777 | **19967** | 5693 | 2777 | **17327** | **13349** | **14214** | 8442 | 8808 |
| **GPL1992 GPL1993** | 2777 | **19967** | **19967** | **10492** | 5456 | 6088 | 3632 | 5597 | 8435 | 6091 | 6076 | 1249 | 1463 | 5257 | 2777 | 2777 | **19967** | 5693 | 2777 | **17327** | **13349** | **14214** | 8442 | 8808 |
| **GPL2557 GPL2572 GPL3538** | 2530 | **10492** | **10492** | **12246** | 6207 | 6858 | 3573 | 5648 | 7122 | 6909 | 7023 | 1161 | 1422 | 5780 | 2530 | 2530 | **10575** | 5636 | 2530 | **10164** | **9133** | **9785** | 7089 | 7043 |
| **GPL2572** | 1307 | 5456 | 5456 | 6207 | **6207** | 2762 | 1576 | 2782 | 3960 | 2754 | 3172 | 576 | 738 | 2731 | 1307 | 1307 | 5493 | 2789 | 1307 | 5373 | 4652 | 5015 | 3939 | 3804 |
| **GPL2613** | 1904 | 6088 | 6088 | 6858 | 2762 | **6910** | 3146 | 4599 | 4428 | 6795 | 3914 | 954 | 1167 | 5110 | 1904 | 1904 | 6136 | 4531 | 1904 | 5983 | 5209 | 5613 | 4423 | 4547 |
| **GPL2984** | 407 | 3632 | 3632 | 3573 | 1576 | 3146 | **4069** | 2963 | 2733 | 3118 | 2090 | 793 | 1201 | 2348 | 407 | 407 | 3665 | 3197 | 407 | 3579 | 3146 | 3377 | 2723 | 2919 |
| **GPL3021** | 1704 | 5597 | 5597 | 5648 | 2782 | 4599 | 2963 | **6298** | 3854 | 4602 | 3472 | 974 | 1229 | 3748 | 1704 | 1704 | 5634 | 6021 | 1704 | 5502 | 4786 | 5148 | 3848 | 4154 |
| **GPL3099** | 1970 | 8435 | 8435 | 7122 | 3960 | 4428 | 2733 | 3854 | **9447** | 4422 | 4048 | 880 | 1043 | 3732 | 1970 | 1970 | 8475 | 3968 | 1970 | 8202 | 7324 | 7907 | 9210 | 5576 |
| **GPL3333** | 1920 | 6091 | 6091 | 6909 | 2754 | 6795 | 3118 | 4602 | 4422 | **6909** | 3910 | 950 | 1177 | 5153 | 1920 | 1920 | 6140 | 4519 | 1920 | 5988 | 5209 | 5613 | 4416 | 4554 |
| **GPL3538** | 1339 | 6076 | 6076 | 7023 | 3172 | 3914 | 2090 | 3472 | 4048 | 3910 | **7023** | 792 | 935 | 3411 | 1339 | 1339 | 6118 | 3501 | 1339 | 5857 | 5419 | 5785 | 4042 | 4269 |
| **GPL3618** | 342 | 1249 | 1249 | 1161 | 576 | 954 | 793 | 974 | 880 | 950 | 792 | **1386** | 510 | 760 | 342 | 342 | 1255 | 1007 | 342 | 1219 | 1083 | 1156 | 873 | 1158 |
| **GPL372** | 299 | 1463 | 1463 | 1422 | 738 | 1167 | 1201 | 1229 | 1043 | 1177 | 935 | 510 | **1639** | 1000 | 299 | 299 | 1475 | 1263 | 299 | 1449 | 1263 | 1359 | 1055 | 1394 |
| **GPL4521** | 1510 | 5257 | 5257 | 5780 | 2731 | 5110 | 2348 | 3748 | 3732 | 5153 | 3411 | 760 | 1000 | **5970** | 1510 | 1510 | 5298 | 3603 | 1510 | 5160 | 4503 | 4834 | 3732 | 3887 |
| **GPL498** | 3124 | 2777 | 2777 | 2530 | 1307 | 1904 | 407 | 1704 | 1970 | 1920 | 1339 | 342 | 299 | 1510 | **3124** | 3124 | 2792 | 1740 | 3124 | 2734 | 2311 | 2531 | 1968 | 1916 |
| **GPL499** | 3124 | 2777 | 2777 | 2530 | 1307 | 1904 | 407 | 1704 | 1970 | 1920 | 1339 | 342 | 299 | 1510 | 3124 | **3124** | 2792 | 1740 | 3124 | 2734 | 2311 | 2531 | 1968 | 1916 |
| **GPL5439 GPL5440** | 2792 | **19967** | **19967** | **10575** | 5493 | 6136 | 3665 | 5634 | 8475 | 6140 | 6118 | 1255 | 1475 | 5298 | 2792 | 2792 | **20180** | 5732 | 2792 | **17540** | **13457** | **14329** | 8484 | 8883 |
| **GPL6053** | 1740 | 5693 | 5693 | 5636 | 2789 | 4531 | 3197 | 6021 | 3968 | 4519 | 3501 | 1007 | 1263 | 3603 | 1740 | 1740 | 5732 | **6407** | 1740 | 5598 | 4893 | 5256 | 3957 | 4208 |
| **GPL6092** | 3124 | 2777 | 2777 | 2530 | 1307 | 1904 | 407 | 1704 | 1970 | 1920 | 1339 | 342 | 299 | 1510 | 3124 | 3124 | 2792 | 1740 | **3124** | 2734 | 2311 | 2531 | 1968 | 1916 |
| **GPL6438** | 2734 | **17327** | **17327** | **10164** | 5373 | 5983 | 3579 | 5502 | 8202 | 5988 | 5857 | 1219 | 1449 | 5160 | 2734 | 2734 | **17540** | 5598 | 2734 | **17540** | **12324** | **13134** | 8212 | 8615 |
| **GPL6460** | 2311 | **13349** | **13349** | **9133** | 4652 | 5209 | 3146 | 4786 | 7324 | 5209 | 5419 | 1083 | 1263 | 4503 | 2311 | 2311 | **13457** | 4893 | 2311 | **12324** | **15948** | **15948** | 7323 | 7550 |
| **GPL7209** | 2531 | **14214** | **14214** | **9785** | 5015 | 5613 | 3377 | 5148 | 7907 | 5613 | 5785 | 1156 | 1359 | 4834 | 2531 | 2531 | **14329** | 5256 | 2531 | **13134** | **15948** | **16987** | 7906 | 8087 |
| **GPL7297** | 1968 | 8442 | 8442 | 7089 | 3939 | 4423 | 2723 | 3848 | 9210 | 4416 | 4042 | 873 | 1055 | 3732 | 1968 | 1968 | 8484 | 3957 | 1968 | 8212 | 7323 | 7906 | **9470** | 5668 |
| **Maize** | 1916 | 8808 | 8808 | 7043 | 3804 | 4547 | 2919 | 4154 | 5576 | 4554 | 4269 | 1158 | 1394 | 3887 | 1916 | 1916 | 8883 | 4208 | 1916 | 8615 | 7550 | 8087 | 5668 | **10291** |

1. Multiple-chip platform are multiple microarray chips that are designed together with their probes targeting complementary gene sets, and that are used in combination to interrogate the same biological sample in order to measure the expression levels of more genes than would be possible with only one chip. Data from the same biological samples but generated on multiple chips of this platform are combined in our system. The gene count for a multiple-chip platform is the number of unique gene ids probed by all chips of the platform. A gene measured by multiple chips is counted as only once.
2. The shade of a cell corresponds to the number of genes shared by a pair of platform. The higher the number the darker the shade.