

Unit Commitment Schedule (UCS)

30-Jul-12  
Monday

Revised

| TIME         | 0     | 30    | 100   | 130   | 200   | 230   | 300   | 330   | 400   | 430   | 500   | 530   | 600   | 630   | 700   | 730   | 800   | 830   | 900   | 930   | 1000  | 1030  | 1100  | 1130  | Total   |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--------|
| LOAD         | 12060 | 11892 | 11604 | 11318 | 11179 | 11015 | 10872 | 10694 | 10576 | 10807 | 10839 | 10695 | 10824 | 10860 | 10786 | 10839 | 11295 | 12399 | 13181 | 13624 | 13959 | 14359 | 14745 | 14878 | 314,470 |       |        |
| EGATDC       | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30     | -720  |        |
| CUFG         | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45      | 1,080 |        |
| CUFK         | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35      | 812   |        |
| JMJGU1       | 690   | 687   | 689   | 689   | 689   | 689   | 689   | 694   | 677   | 679   | 680   | 680   | 679   | 682   | 679   | 679   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689     | 689   | 16,500 |
| JMJGU2       | 690   | 684   | 691   | 692   | 696   | 691   | 697   | 692   | 679   | 677   | 681   | 683   | 678   | 678   | 680   | 680   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689     | 689   | 16,499 |
| PKLGU3       | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279     | 279   | 6,696  |
| PKLGU4       | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271     | 271   | 6,504  |
| PKLGU5       | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460     | 460   | 11,040 |
| PKLGU6       | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460     | 460   | 11,040 |
| TBINU1       | 695   | 692   | 693   | 693   | 693   | 693   | 696   | 692   | 683   | 679   | 676   | 676   | 679   | 678   | 678   | 678   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 699   | 16,671 |
| TBINU2       | 697   | 696   | 697   | 695   | 695   | 696   | 695   | 697   | 690   | 678   | 682   | 685   | 684   | 681   | 680   | 682   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 699   | 16,699 |
| TBINU3       | 696   | 697   | 695   | 695   | 695   | 696   | 695   | 693   | 686   | 681   | 679   | 683   | 681   | 681   | 682   | 680   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 699   | 16,692 |
| JMAH1        | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 694   | 682   | 682   | 684   | 684   | 684   | 683   | 678   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 699   | 16,716 |
| JMAH2        | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 688   | 683   | 683   | 683   | 675   | 681   | 682   | 682   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 699   | 16,709 |
| PKLGU1 (mfo) | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280     | 280   | 5,900  |
| PKLGU2 (mfo) | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280     | 280   | 5,898  |
| GLGRBK1A     | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151     | 151   | 3,624  |
| GLGRBK1B     | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151     | 151   | 3,624  |
| KLPPGT13     | 219   | 219   | 219   | 210   | 201   | 195   | 190   | 181   | 179   | 193   | 193   | 182   | 190   | 192   | 178   | 180   | 196   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219     | 219   | 5,053  |
| KLPPGT14     | 219   | 219   | 219   | 210   | 201   | 195   | 190   | 181   | 179   | 193   | 193   | 182   | 190   | 192   | 178   | 180   | 196   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219     | 219   | 5,053  |
| KLPPGT15     | 219   | 219   | 219   | 210   | 201   | 195   | 190   | 181   | 179   | 193   | 193   | 182   | 190   | 192   | 178   | 180   | 196   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219     | 219   | 5,053  |
| MPSSGT1      | 161   | 161   | 161   | 161   | 161   | 161   | 140   | 127   | 161   | 161   | 148   | 161   | 161   | 123   | 132   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161     | 161   | 3,797  |
| MPSSGT2      | 161   | 161   | 161   | 161   | 161   | 161   | 140   | 127   | 161   | 161   | 147   | 161   | 161   | 123   | 129   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161     | 161   | 3,795  |
| PGLAGT12     | 336   | 320   | 330   | 288   | 271   | 261   | 253   | 250   | 250   | 257   | 257   | 252   | 252   | 255   | 250   | 250   | 262   | 350   | 358   | 360   | 360   | 360   | 360   | 360   | 360     | 360   | 7,866  |
| PGPSBK3A     | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95      | 95    | 124    |
| PGPSBK3B     | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95    | 95      | 95    | 124    |
| PLPSGT11     | 216   | 216   | 216   | 216   | 214   | 168   | 130   | 130   | 146   | 146   | 130   | 132   | 130   | 130   | 171   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216     | 216   | 4,234  |
| PLPSGT12     | 216   | 216   | 216   | 216   | 214   | 168   | 130   | 130   | 143   | 146   | 130   | 130   | 130   | 130   | 170   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216     | 216   | 4,721  |
| SGB3GT33     | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 123   | 134   | 189   | 201   | 201   | 213   | 213   | 213   | 213     | 4,006 |        |
| SKSPBK1      | 278   | 264   | 273   | 241   | 228   | 221   | 214   | 210   | 210   | 217   | 218   | 210   | 214   | 215   | 210   | 210   | 221   | 287   | 294   | 336   | 347   | 347   | 350   | 350   | 350     | 350   | 7,154  |
| TJGSBK1A     | 339   | 319   | 330   | 284   | 266   | 255   | 246   | 227   | 222   | 250   | 251   | 228   | 244   | 248   | 222   | 223   | 256   | 316   | 355   | 355   | 355   | 355   | 355   | 355   | 355     | 355   | 7,868  |
| TJGSBK1B     | 338   | 319   | 330   | 284   | 266   | 255   | 246   | 226   | 222   | 250   | 228   | 244   | 248   | 220   | 223   | 256   | 316   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349     | 349   | 7,596  |
| TJGSBK2A     | 323   | 305   | 316   | 270   | 252   | 241   | 233   | 212   | 208   | 236   | 236   | 215   | 230   | 234   | 207   | 210   | 242   | 302   | 340   | 346   | 346   | 346   | 346   | 346   | 346     | 346   | 7,418  |
| TJGSBK2B     | 323   | 305   | 316   | 270   | 252   | 241   | 233   | 212   | 208   | 236   | 236   | 215   | 230   | 234   | 207   | 210   | 242   | 302   | 341   | 348   | 348   | 348   | 348   | 348   | 348     | 348   | 7,445  |
| YPKA         | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460     | 460   | 13,080 |
| YPGS         | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151     | 151   | 4,352  |
| PGPSU2 (mfo) | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66      | 66    | 1,221  |
| PGLAGT11     | 336   | 320   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 349   | 358   | 360   | 360   | 360   | 360   | 360   | 360     | 360   | 5,898  |
| SGB3GT31     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 123   | 134   | 188   | 201   | 201   | 213   | 213   | 213     | 2,993 |        |
| CBPSBK1B     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 134   | 139   | 139   | 139   | 139   | 139   | 139     | 2,073 |        |
| PAKABK1A     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100   | 105   | 107   | 107   | 115   | 114   | 114     | 1,632 |        |
| SGB3GT32     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 134   | 189   | 201   | 201   | 213   | 213   | 213     | 2,923 |        |
| PLPSGT13     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 216   | 216   | 216   | 216   | 216   | 216   | 216     | 3,132 |        |
| SGRIGT13     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130   | 130   | 168   | 149   | 189   | 1,897   |       |        |
| SGRIGT11     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90    | 90    | 90    | 164   | 129   | 139   | 1,365   |       |        |
| CBPSBK1A     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 139   |        |
| PAKABK1B     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 114   |        |
| SGRIGT12     | 0     | 0</   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |       |        |

| TIME         | 1200  | 1230  | 1300  | 1330  | 1400  | 1430  | 1500  | 1530  | 1600  | 1630  | 1700  | 1730  | 1800  | 1830  | 1900  | 1930  | 2000  | 2030  | 2100  | 2130  | 2200  | 2230  | 2300  | 2330  | Total   |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|
| LOAD         | 14708 | 14432 | 14320 | 14657 | 14940 | 15225 | 15234 | 15246 | 15252 | 15137 | 14780 | 14229 | 13684 | 13441 | 13337 | 13782 | 14149 | 14266 | 14250 | 14083 | 13805 | 13775 | 13584 | 13323 | 314,470 |        |
| EGATDC       | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -30   | -720    |        |
| CUF3         | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 1,080   |        |
| CUF4         | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 31    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35    | 35      | 812    |
| JMUGU1       | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689     | 16,500 |
| JMUGU2       | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689   | 689     | 16,499 |
| PKLGU3       | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279   | 279     | 6,696  |
| PKLGU4       | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271   | 271     | 6,504  |
| PKLGU5       | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460     | 11,040 |
| PKLGU6       | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460   | 460     | 11,040 |
| TBINU1       | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 16,671 |
| TBINU2       | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 16,699 |
| TBINU3       | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 16,692 |
| JMAHU1       | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 16,716 |
| JMAHU2       | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699   | 699     | 16,709 |
| PKLGU1 (mfo) | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 204   | 212   | 140   | 140   | 140   | 140   | 170   | 178   | 170   | 187   | 140   | 140   | 171   | 148   | 5,900   |        |
| PKLGU2 (mfo) | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 280   | 203   | 211   | 140   | 140   | 140   | 140   | 169   | 178   | 170   | 186   | 140   | 140   | 170   | 148   | 5,898   |        |
| GLGRBK1A     | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151     | 3,624  |
| GLGRBK1B     | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151   | 151     | 3,624  |
| KLPPGT13     | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219     | 5,053  |
| KLPPGT14     | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219     | 5,053  |
| KLPPGT15     | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219   | 219     | 5,053  |
| MPSSGT1      | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161     | 3,797  |
| MPSSGT2      | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161   | 161     | 3,796  |
| PGLAGT12     | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360     | 7,866  |
| PGPSBK3A     | 95    | 95    | 95    | 95    | 102   | 101   | 101   | 102   | 100   | 108   | 117   | 95    | 95    | 95    | 95    | 95    | 100   | 98    | 95    | 97    | 95    | 99    | 100   | 95    | 95      | 2,344  |
| PGPSBK3B     | 95    | 95    | 95    | 95    | 102   | 101   | 101   | 102   | 100   | 108   | 116   | 95    | 95    | 95    | 95    | 95    | 100   | 98    | 95    | 97    | 95    | 99    | 100   | 95    | 95      | 2,343  |
| PLPSGT11     | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216     | 4,724  |
| PLPSGT12     | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216     | 4,721  |
| SGB3GT33     | 204   | 141   | 143   | 192   | 213   | 213   | 213   | 213   | 213   | 213   | 213   | 196   | 203   | 145   | 127   | 213   | 213   | 213   | 209   | 213   | 213   | 209   | 213   | 184   | 184     | 4,006  |
| SKSPBK1      | 350   | 299   | 300   | 339   | 350   | 350   | 350   | 350   | 350   | 350   | 350   | 344   | 349   | 302   | 289   | 350   | 350   | 350   | 350   | 350   | 350   | 350   | 350   | 350   | 350     | 7,154  |
| TJGSBK1A     | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355   | 355     | 7,688  |
| TJGSBK1B     | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349   | 349     | 7,596  |
| TJGSBK2A     | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346   | 346     | 7,418  |
| TJGSBK2B     | 348   | 346   | 347   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348   | 348     | 7,445  |
| YPKA         | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580   | 580     | 13,080 |
| YPGS         | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192     | 4,352  |
| PGPSU2 (mfo) | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66      | 1,221  |
| PGLAGT11     | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360   | 360     | 8,598  |
| SGB3GT31     | 204   | 140   | 141   | 191   | 213   | 213   | 213   | 213   | 213   | 213   | 213   | 196   | 203   | 145   | 127   | 213   | 213   | 213   | 209   | 213   | 213   | 209   | 213   | 184   | 184     | 2,983  |
| CBPSBK1B     | 139   | 134   | 134   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139     | 2,073  |
| PAKABK1A     | 107   | 101   | 101   | 106   | 113   | 113   | 113   | 113   | 113   | 114   | 114   | 106   | 107   | 101   | 100   | 113   | 113   | 110   | 113   | 108   | 113   | 113   | 108   | 113   | 105     | 1,632  |
| SGB3GT32     | 204   | 140   | 143   | 191   | 213   | 213   | 213   | 213   | 213   | 213   | 213   | 196   | 203   | 145   | 127   | 213   | 213   | 213   | 209   | 213   | 213   | 209   | 213   | 184   | 184     | 2,923  |
| PLPSGT13     | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216   | 216     | 3,132  |
| SGRIGT13     | 130   | 130   | 130   | 130   | 137   | 137   | 136   | 137   | 136   | 148   | 159   | 130   | 130   | 130   | 130   | 134   | 133   | 130   | 130   | 130   | 134   | 135   | 130   | 130   | 130     | 1,897  |
| SGRIGT11     | 90    | 90    | 90    | 90    | 106   | 102   | 102   | 102   | 102   | 127   | 146   | 90    | 90    | 90    | 90    | 98    | 95    | 90    | 90    | 90    | 90    | 90    | 90    | 90    | 90      | 1,365  |
| CBPSBK1A     | 139   | 134   | 134   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139   | 139     | 1,728  |
| PAKABK1B     | 107   | 101   | 101   | 106   | 113   | 113   | 113   | 113   | 113   | 114   | 114   | 106   | 107   | 101   | 100   | 113   | 113   | 110   | 113   | 108   | 113   | 113   | 105   | 105   | 1,365   |        |
| SGRIGT12     | 90    | 90    | 90    | 90    | 106</ |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |        |