

## Tabuľka všetkých analyzovaných miest integrácie provírusov

| work no. | sample  |      | virus         | histology | fragment         | chromosome | position  | gene 1         | dist. | orient. | gene 2            | dist. | orient. |
|----------|---------|------|---------------|-----------|------------------|------------|-----------|----------------|-------|---------|-------------------|-------|---------|
| a29      | 1241/Li |      | HPRS 103 (A)  | B-lympho  | R2               | 1          | 1105919   | FAM208B        | 7     | u-s     | ASB13             | 12    | u-o     |
| a78      | 4964/Sp |      | HPRS 103      | erythro   | L1               | 1          | 1332441   | SLC35B4        | 9     | u-o     | LRGUK             | 43    | d-s     |
| m36      | 4711    | Lu 3 | HPRS 103      | LHS       | L3               | 1          | 1636978   | EXOC4          | 0     | i-o     |                   |       |         |
| a55      | 3848/Li |      | MQ-NCSU       | B-lympho  | R2               | 1          | 3269600   | ENSGALG0000004 | 6     | u-o     |                   |       |         |
| m51      | 2952    | Ki 1 | MAV-J         | NB        | L8 + R1          | 1          | 4990924   | none           |       |         |                   |       |         |
| a81      | 4979/Li |      | HPRS 103 dXSR | myelo     | L8 + R4          | 1          | 11196366  | CD36           | 0     | i-s     |                   |       |         |
| m96      | 4915    | Ki 1 | MAV-J         | NB        | L1 + R2          | 1          | 11899756  | none           |       |         |                   |       |         |
| a26      | 600/Li  |      | HPRS 103 dXSR | myelo     | L7var2           | 1          | 12854009  | FBXL13         | 0     | i-s     |                   |       |         |
| a34      | 1265/My |      | HPRS 103 (A)  | B-lympho  | L1 + R2          | 1          | 14870177  | DLD            | 0     | i-o     |                   |       |         |
| m23      | 4689    | Lu 1 | HPRS 103      | LHS       | L2               | 1          | 15277076  | ABCD2          | 4     | u-s     | C12orf40          | 6     | u-o     |
| m44      | 4761    | Lu 2 | HPRS 103      | LHS       | R3               | 1          | 16219996  | TBC1D22A       | 0     | i-s     |                   |       |         |
| m68      | 2971    | Ki 1 | MAV-J         | NB        | L5var2           | 1          | 22212001  | WASL           | 0     | i-o     |                   |       |         |
| m64      | 2963    | Ki 1 | MAV-J         | NB        | L8 + R1          | 1          | 22343907  | ATP6AP1        | 0     | i-s     |                   |       |         |
| a12      | 385/Ki2 |      | HPRS 103 dXSR | Ki tumor  | R2               | 1          | 26954711  | ZNF277         | 14    | d-s     | IFRD1             | 27    | u-s     |
| a55      | 3848/Li |      | MQ-NCSU       | B-lympho  | L2               | 1          | 48116662  | ENSGALG0000003 | 3     | d-s     | ENSGALG000000384  | 2     | u-o     |
| m89      | 4905    | Ki 1 | MAV-J         | NB        | L1               | 1          | 57001225  | BRAF           | 0     | i-s     |                   |       |         |
| m22      | 4681    | Lu 4 | HPRS 103      | LHS       | L1               | 1          | 57005868  | BRAF           | 0     | i-s     |                   |       |         |
| a15      | 390/My  |      | HPRS 103 dXSR | myelo     | L1               | 1          | 57006717  | BRAF           | 0     | i-s     |                   |       |         |
| m33      | 4711    | Li 1 | HPRS 103      | ICC       | L5               | 1          | 57419700  | CREB3L2        | 0     | i-s     |                   |       |         |
| m45      | 4637    | Lu 1 | HPRS 103      | LHS       | L5 + R5          | 1          | 61749967  | CECR2          | 5     | u-s     | CECR1             | 6     | u-o     |
| m61      | 2962    | Ki 3 | MAV-J         | NB        | L2 + R5 + L1var1 | 1          | 70979191  | WNT7B          | 43    | u-s     |                   |       |         |
| a78      | 4964/Sp |      | HPRS 103      | erythro   | L2               | 1          | 72005834  | DUSP16         | 11    | u-o     | NSGALG00000046318 | 26    | u-s     |
| a2       | 214/Sp  |      | HPRS 103      | myelo     | L1 + R1          | 1          | 76832048  | KPNA1          | 0     | i-o     |                   |       |         |
| a29      | 1241/Li |      | HPRS 103 (A)  | B-lympho  | L2               | 1          | 79395394  | TNFRSF1A       | 1     | u-s     | CTC1              | 3     | u-o     |
| a12      | 385/Ki2 |      | HPRS 103 dXSR | Ki tumor  | L1 + R1          | 1          | 82652978  | ENSGALG0000002 | 0     | i-o     |                   |       |         |
| a29      | 1241/Li |      | HPRS 103 (A)  | B-lympho  | L1               | 1          | 86641559  | CBLB           | 5     | d-o     | ALCAM             | 21    | d-s     |
| a38      | 1302/BF |      | HPRS 103 (A)  | B-lympho  | R2               | 1          | 87484751  | IFT57          | 0     | i-s     |                   |       |         |
| a36      | 1285/Li |      | HPRS 103 (A)  | B-lympho  | L3 + L5 + R8     | 1          | 91667255  | POU2F1         | 0     | i-o/s   |                   |       |         |
| a27      | 1065/My |      | HPRS 103 (A)  | B-lympho  | L1 + R3          | 1          | 91668152  | POU2F1         | 0     | i-o     |                   |       |         |
| a33      | 1262/Li |      | HPRS 103 (A)  | B-lympho  | R1               | 1          | 102484253 | MRPL39         | 7     | d-o     |                   |       |         |
| a37      | 1297/Li |      | HPRS 103 (A)  | B-lympho  | R2a              | 1          | 102484810 | MRPL39         | 6     | d-o     |                   |       |         |
| a20      | 397/My2 |      | HPRS 103      | myelo     | R3               | 1          | 109749920 | U2AF1          | 0     | i-s     |                   |       |         |

## Príloha 1

|     |         |    |   |               |          |                   |   |           |          |    |     |                 |    |     |
|-----|---------|----|---|---------------|----------|-------------------|---|-----------|----------|----|-----|-----------------|----|-----|
| m61 | 2962    | Ki | 3 | MAV-J         | NB       | L5                | 1 | 113128688 | DYNLT3   | 4  | u-s | SYTL5           | 39 | u-o |
| m51 | 2952    | Ki | 1 | MAV-J         | NB       | L4var2 + R5 var2  | 1 | 114639600 | DMD      | 0  | i-o |                 |    |     |
| a6  | 367/Ki2 |    |   | HPRS 103      | myelo    | L1                | 1 | 115784300 | Cxor21   | 10 | u-s | GK2             | 15 | u-o |
| a25 | 574/Sp  |    |   | HPRS 103      | erythro  | R8                | 1 | 116113051 | IL1RAPL1 | 0  | i-o |                 |    |     |
| m75 | 4887    | Ki | 2 | MAV-J         | NB       | L2 + R7           | 1 | 135427326 | NCK2     | 0  | i-o |                 |    |     |
| a76 | 4960/Li |    |   | HPRS 103      | myelo    | L3 + R2           | 1 | 140160367 | TNFSF13B | 2  | u-s | ABHD13          | 7  | d-s |
| m28 | 4693    | Lu | 5 | HPRS 103      | LHS      | R3                | 1 | 142610315 | none     |    |     |                 |    |     |
| m42 | 4721    | Lu | 1 | HPRS 103      | LHS      | L1var1            | 1 | 144518247 | TM9SF2   | 6  | u-o | ENSGALG00000227 | 24 | u-s |
| m89 | 4905    | Ki | 1 | MAV-J         | NB       | R1                | 1 | 157327044 | none     |    |     |                 |    |     |
| m51 | 2952    | Ki | 1 | MAV-J         | NB       | L9 var1 + R7      | 1 | 159144397 | PCDH9    | 0  | i-o |                 |    |     |
| m62 | 2962    | Ki | 4 | MAV-J         | NB       | L3                | 1 | 166023584 | VWA8     | 0  | i-s |                 |    |     |
| m68 | 2971    | Ki | 1 | MAV-J         | NB       | L8 var1 + R15     | 1 | 167455129 | TSC22D1  | 0  | i-o |                 |    |     |
| m96 | 4915    | Ki | 1 | MAV-J         | NB       | L2                | 1 | 168224616 | LRCH1    | 0  | i-o |                 |    |     |
| m75 | 4887    | Ki | 2 | MAV-J         | NB       | L1 + R6           | 1 | 172714442 | DCLK1    | 0  | i-s |                 |    |     |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo    | L7 var1 + R1      | 1 | 174743816 | FRY      | 0  | i-s |                 |    |     |
| m36 | 4711    | Lu | 3 | HPRS 103      | LHS      | L1 + X1L + R3 var | 1 | 177495802 | MIPEP    | 3  | d-o | TNFRSF19        | 17 | d-s |
| m44 | 4761    | Lu | 2 | HPRS 103      | LHS      | R2                | 1 | 177992452 | none     |    |     |                 |    |     |
| m23 | 4689    | Lu | 1 | HPRS 103      | LHS      | R2var2            | 1 | 179869918 | none     |    |     |                 |    |     |
| m68 | 2971    | Ki | 1 | MAV-J         | NB       | L3 + L5var1       | 1 | 184000000 | CNTN5    | 0  | i-s |                 |    |     |
| a25 | 574/Sp  |    |   | HPRS 103      | erythro  | R3                | 1 | 185017780 | MAML2    | 0  | i-s |                 |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho | L1b               | 1 | 186358714 | none     |    |     |                 |    |     |
| m87 | 4895    | Lu | 1 | MAV-J         | LHS      | L3var1            | 1 | 187088470 | none     |    |     |                 |    |     |
| m68 | 2971    | Ki | 1 | MAV-J         | NB       | R9 + R10 var2     | 1 | 188711076 | TMEM135  | 0  | i-o |                 |    |     |
| m13 | 4679    | Lu | 1 | HPRS 103      | LHS      | L1                | 1 | 190564727 | HIKESHI  | 0  | i-o |                 |    |     |
| a78 | 4964/Sp |    |   | HPRS 103      | erythro  | L5                | 1 | 192347334 | TENM4    | 0  | i-o |                 |    |     |
| m68 | 2971    | Ki | 1 | MAV-J         | NB       | L9 var1 + L10     | 1 | 192464555 | TENM3    | 0  | i-o |                 |    |     |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo    | L6var1            | 2 | 283900    | FASTK    | 0  | i-s |                 |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho | L10               | 2 | 4526513   | CTDSPL   | 0  | i-s |                 |    |     |
| a6  | 367/Ki2 |    |   | HPRS 103      | myelo    | L6 + R7           | 2 | 4530436   | CTDSPL   | 0  | i-s |                 |    |     |
| a55 | 3848/Li |    |   | MQ-NCSU       | B-lympho | L1 + R3           | 2 | 4551397   | CTDSPL   | 0  | i-s |                 |    |     |
| a34 | 1265/My |    |   | HPRS 103 (A)  | B-lympho | R3                | 2 | 4552990   | CTDSPL   | 0  | i-s |                 |    |     |
| a79 | 4974/Li |    |   | HPRS 103      | myelo    | L5 + R2           | 2 | 4553667   | CTDSPL   | 0  | i-s |                 |    |     |
| m61 | 2962    | Ki | 3 | MAV-J         | NB       | R1                | 2 | 5455199   | SCN10A   | 16 | d-o | SCN5A           | 41 | u-o |
| a37 | 1297/Li |    |   | HPRS 103 (A)  | B-lympho | R1 + X1L          | 2 | 6749513   | XRCC2    | 53 | d-o |                 |    |     |
| a81 | 4979/Li |    |   | HPRS 103 dXSR | myelo    | R2 + L6           | 2 | 9574338   | ESYT2    | 0  | i-s |                 |    |     |
| m61 | 2962    | Ki | 3 | MAV-J         | NB       | L4                | 2 | 9855828   | ZMYND11  | 28 | u-s |                 |    |     |
| m44 | 4761    | Lu | 2 | HPRS 103      | LHS      | L1                | 2 | 10067476  | DIP2C    | 0  | i-s |                 |    |     |
| m62 | 2962    | Ki | 4 | MAV-J         | NB       | L1 + R5           | 2 | 13216895  | PARD3    | 0  | i-s |                 |    |     |
| m44 | 4761    | Lu | 2 | HPRS 103      | LHS      | L2                | 2 | 15791369  | RAB18    | 0  | i-o |                 |    |     |

## Príloha 1

|     |          |    |   |               |          |                   |   |           |                 |    |     |         |    |     |  |
|-----|----------|----|---|---------------|----------|-------------------|---|-----------|-----------------|----|-----|---------|----|-----|--|
| a20 | 397/My2  |    |   | HPRS 103      | myelo    | R15               | 2 | 27200019  | none            |    |     |         |    |     |  |
| m33 | 4711     | Li | 1 | HPRS 103      | ICC      | L2                | 2 | 36152671  | none            |    |     |         |    |     |  |
| a25 | 574/Sp   |    |   | HPRS 103      | erythro  | L5 + R5var1       | 2 | 44092206  | EIF1B           | 33 | d-s |         |    |     |  |
| a55 | 3848/Li  |    |   | MQ-NCSU       | B-lympho | L5                | 2 | 46560979  | ELMO1           | 0  | i-s |         |    |     |  |
| m45 | 4637     | Lu | 1 | HPRS 103      | LHS      | L3                | 2 | 46978784  | EEPD1           | 0  | i-s |         |    |     |  |
| m87 | 4895     | Lu | 1 | MAV-J         | LHS      | R3                | 2 | 48813081  | ENSGALG00000003 | 9  | d-s |         |    |     |  |
| m33 | 4711     | Li | 1 | HPRS 103      | ICC      | R6 var1 + R5 var2 | 2 | 52010810  | EGFR            | 0  | i-o |         |    |     |  |
| a81 | 4979/Li  |    |   | HPRS 103 dXSR | myelo    | L4                | 2 | 52011189  | EGFR            | 0  | i-s |         |    |     |  |
| a25 | 574/Sp   |    |   | HPRS 103      | erythro  | R6 + R5var2       | 2 | 52011315  | EGFR            | 0  | i-o |         |    |     |  |
| a78 | 4964/Sp  |    |   | HPRS 103      | erythro  | R1                | 2 | 55531602  | ICE1            | 6  | u-o | NFX1    | 18 | u-s |  |
| a37 | 1297/Li  |    |   | HPRS 103 (A)  | B-lympho | R2b               | 2 | 63160215  | TMEM170B        | 34 | d-s |         |    |     |  |
| a81 | 4979/Li  |    |   | HPRS 103 dXSR | myelo    | L1                | 2 | 65044120  | none            |    |     |         |    |     |  |
| a33 | 1262/Li  |    |   | HPRS 103 (A)  | B-lympho | R3                | 2 | 68497391  | TNFRSF11A       | 0  | i-s |         |    |     |  |
| m75 | 4887     | Ki | 2 | MAV-J         | NB       | L4 + R2           | 2 | 74259681  | none            |    |     |         |    |     |  |
| a9  | 383/My   |    |   | HPRS 103 dXSR | myelo    | L3 + R1           | 2 | 86050713  | TERT            | 0  | u-s | CLPTM1L | 13 | d-s |  |
| a81 | 4979/Li  |    |   | HPRS 103 dXSR | myelo    | L2                | 2 | 86050716  | TERT            | 0  | u-o | CLPTM1L | 13 | d-o |  |
| a16 | 391/Li   |    |   | HPRS 103 dXSR | myelo    | L1 + R1           | 2 | 86050892  | TERT            | 0  | u-o | CLPTM1L | 13 | d-o |  |
| a15 | 390/My   |    |   | HPRS 103 dXSR | myelo    | L2                | 2 | 86050894  | TERT            | 0  | u-s | CLPTM1L | 13 | d-s |  |
| a47 | 1995/Li  |    |   | HPRS 103      | myelo    | R1                | 2 | 86051076  | TERT            | 0  | u-o | CLPTM1L | 13 | d-o |  |
| m90 | 4905     | Ki | 2 | MAV-J         | NB       | R1                | 2 | 91041008  | none            |    |     |         |    |     |  |
| a25 | 574/Sp   |    |   | HPRS 103      | erythro  | L6 + R9           | 2 | 106623408 | TRAPPC8         | 0  | i-s |         |    |     |  |
| m57 | 2958     | Lu | 2 | MAV-J         | LHS      | L2                | 2 | 111638193 | CHCHD7          | 2  | u-s | PLAG1   | 43 | u-o |  |
| m51 | 2952     | Ki | 1 | MAV-J         | NB       | L7 + R3           | 2 | 112757553 | ENSGALG00000002 | 0  | i-o |         |    |     |  |
| m33 | 4711     | Li | 1 | HPRS 103      | ICC      | R3b               | 2 | 120835096 | IL7             | 0  | i-s |         |    |     |  |
| m44 | 4761     | Lu | 2 | HPRS 103      | LHS      | L3 + R4           | 2 | 125012312 | CALB1           | 35 | u-o |         |    |     |  |
| m45 | 4637     | Lu | 1 | HPRS 103      | LHS      | R6                | 2 | 126586053 | GEM             | 0  | i-o |         |    |     |  |
| a6  | 367/Ki2  |    |   | HPRS 103      | myelo    | R1                | 2 | 128693631 | VPS13B          | 0  | i-o |         |    |     |  |
| a78 | 4964/Sp  |    |   | HPRS 103      | erythro  | L9 + R6 var1      | 2 | 129215809 | PABPC1          | 1  | u-o | YWHAZ   | 26 | d-o |  |
| m68 | 2971     | Ki | 1 | MAV-J         | NB       | L9 var2 + R14     | 2 | 130666014 | LRP12           | 7  | u-o |         |    |     |  |
| a78 | 4964/Sp  |    |   | HPRS 103      | erythro  | L8a + R7          | 2 | 131464797 | none            |    |     |         |    |     |  |
| m6  | 4649     | Lu | 1 | HPRS 103      | LHS      | L2var2            | 2 | 137185411 | SNTB1           | 2  | u-s |         |    |     |  |
| m36 | 4711     | Lu | 3 | HPRS 103      | LHS      | R2var1            | 2 | 138033694 | TBC1D31         | 0  | i-s |         |    |     |  |
| m62 | 2962     | Ki | 4 | MAV-J         | NB       | R9                | 2 | 139382207 | FAM84B          | 19 | d-o |         |    |     |  |
| a79 | 4974/Li  |    |   | HPRS 103      | myelo    | L2                | 2 | 139842200 | MYC             | 3  | u-s |         |    |     |  |
| a70 | 3980/Li2 |    |   | HPRS 103      | myelo    | R2                | 2 | 139846739 | MYC             | 0  | i-s |         |    |     |  |
| a27 | 1065/My  |    |   | HPRS 103 (A)  | B-lympho | R4                | 2 | 139846769 | MYC             | 0  | i-s |         |    |     |  |
| a36 | 1285/Li  |    |   | HPRS 103 (A)  | B-lympho | L11 + R10         | 2 | 141801872 | PHF20L1         | 5  | u-s | TMEM71  | 4  | u-o |  |
| m68 | 2971     | Ki | 1 | MAV-J         | NB       | R2                | 2 | 142041000 | WISP1           | 0  | i-s |         |    |     |  |
| m10 | 4677     | Lu | 2 | HPRS 103      | LHS      | L1var2 + R3var1   | 2 | 142765821 | ZFAT            | 26 | u-s |         |    |     |  |

## Príloha 1

|     |          |      |              |           |                  |   |           |               |    |       |                      |    |       |  |
|-----|----------|------|--------------|-----------|------------------|---|-----------|---------------|----|-------|----------------------|----|-------|--|
| a36 | 1285/Li  |      | HPRS 103 (A) | B-lympho  | L7b + R13        | 2 | 146018168 | none          |    |       |                      |    |       |  |
| a6  | 367/Ki2  |      | HPRS 103     | myelo     | L2               | 2 | 147782754 | ADGRB1        | 0  | i-s   |                      |    |       |  |
| a6  | 367/Ki2  |      | HPRS 103     | myelo     | R4               | 2 | 148329716 | none          |    |       |                      |    |       |  |
| m68 | 2971     | Ki 1 | MAV-J        | NB        | R5               | 2 | 193436387 | ACER3         | 0  | i-o   |                      |    |       |  |
| a79 | 4974/Li  |      | HPRS 103     | myelo     | L3 + R3          | 3 | 198404    | PPP4R3B       | 0  | i-o   |                      |    |       |  |
| a76 | 4960/Li  |      | HPRS 103     | myelo     | L2 + R3          | 3 | 200925    | PPP4R3B       | 0  | i-s   |                      |    |       |  |
| m64 | 2963     | Ki 1 | MAV-J        | NB        | R6               | 3 | 293190    | EFEMP1        | 0  | i-s   |                      |    |       |  |
| m64 | 2963     | Ki 1 | MAV-J        | NB        | L6 + R2          | 3 | 7671997   | STON1-GTF2A1L | 0  | i-o   |                      |    |       |  |
| a36 | 1285/Li  |      | HPRS 103 (A) | B-lympho  | R6               | 3 | 9768873   | AFTPH         | 9  | u-s   | LGALSL               | 24 | d-s   |  |
| a20 | 397/My2  |      | HPRS 103     | myelo     | R9               | 3 | 9966922   | CEP68         | 2  | u-s   | SLC1A4               | 10 | d-s   |  |
| m33 | 4711     | Li 1 | HPRS 103     | ICC       | R9 + L7 var2     | 3 | 15563491  | DSTN          | 0  | i-o   |                      |    |       |  |
| m6  | 4649     | Lu 1 | HPRS 103     | LHS       | X02L             | 3 | 17131957  | ACBD3         | 0  | i-o   |                      |    |       |  |
| m68 | 2971     | Ki 1 | MAV-J        | NB        | R6var2           | 3 | 22725762  | HHAT          | 22 | u-s   | SERTAD4              | 23 | d-s   |  |
| a20 | 397/My2  |      | HPRS 103     | myelo     | R2               | 3 | 27212985  | CALM          | 0  | i-s   |                      |    |       |  |
| a20 | 397/My2  |      | HPRS 103     | myelo     | R4               | 3 | 27707956  | RBKS          | 0  | i-s   |                      |    |       |  |
| a6  | 367/Ki2  |      | HPRS 103     | myelo     | L4 var1 + R6     | 3 | 29358185  | SAYSD1        | 13 | u-o   |                      |    |       |  |
| a20 | 397/My2  |      | HPRS 103     | myelo     | L10 + R13b       | 3 | 38508832  | IRF2BP2       | 3  | u-s   | ENSGALG000000457     | 34 | d-s   |  |
| m32 | 4707     | Ki 1 | HPRS 103     | susp. RCC | L1 + R2          | 3 | 39837889  | TSNAX         | 11 | u-s   | EGLN1                | 19 | u-o   |  |
| a78 | 4964/Sp  |      | HPRS 103     | erythro   | L3 + R3          | 3 | 40080343  | RAB4A         | 14 | u-s   | ENSGALG000000436     | 8  | d-s   |  |
| m66 | 2968     | Lu 1 | MAV-J        | LHS       | L3               | 3 | 42825192  | RPS6KA2       | 0  | i-o   |                      |    |       |  |
| a48 | 1997/My  |      | HPRS 103     | myelo     | L1               | 3 | 47239053  | STXBP5        | 2  | u-s   |                      |    |       |  |
| a70 | 3980/Li2 |      | HPRS 103     | myelo     | L1 + R1          | 3 | 48190000  | TAB2          | 19 | u-s   | ENSGALG000000425     | 28 | d-s   |  |
| m75 | 4887     | Ki 2 | MAV-J        | NB        | L3 + R1          | 3 | 50607656  | TIAM2         | 46 | u-s   | c_338 novel misc RNA | 49 | u-o   |  |
| m13 | 4679     | Lu 1 | HPRS 103     | LHS       | C1Lvar1          | 3 | 54594108  | ARFGEF3       | 0  | i-s   |                      |    |       |  |
| a55 | 3848/Li  |      | MQ-NCSU      | B-lympho  | L4               | 3 | 55891156  | MYB           | 0  | i-s   |                      |    |       |  |
| a34 | 1265/My  |      | HPRS 103 (A) | B-lympho  | R1               | 3 | 55894367  | MYB           | 0  | i-s   |                      |    |       |  |
| a31 | 1260/Li  |      | HPRS 103 (A) | B-lympho  | R1               | 3 | 55896402  | MYB           | 0  | i-o   |                      |    |       |  |
| m63 | 2962     | Lu 1 | MAV-J        | LHS       | R4               | 3 | 64203699  | FRK           | 10 | u-s   | NT5DC1               | 5  | u-o   |  |
| m44 | 4761     | Lu 2 | HPRS 103     | LHS       | C1Lvar2 + R5     | 3 | 64209567  | FRK           | 4  | u-o   | NT5DC1               | 11 | u-s   |  |
| m42 | 4721     | Lu 1 | HPRS 103     | LHS       | L2 var1 + R2     | 3 | 64212697  | FRK           | 1  | u-s   | NT5DC1               | 14 | u-o   |  |
| m57 | 2958     | Lu 2 | MAV-J        | LHS       | L3 + R1          | 3 | 64213514  | FRK           | 0  | u-s/o | NT5DC1               | 15 | u-o/s |  |
| m23 | 4689     | Lu 1 | HPRS 103     | LHS       | L1 + R2var1      | 3 | 64213617  | FRK           | 0  | u-s   | NT5DC1               | 15 | u-o   |  |
| m36 | 4711     | Lu 3 | HPRS 103     | LHS       | R2var2 + R3var2  | 3 | 64213645  | FRK           | 0  | u-o   | NT5DC1               | 15 | u-s   |  |
| m87 | 4895     | Lu 1 | MAV-J        | LHS       | R4               | 3 | 64213645  | FRK           | 0  | u-o   | NT5DC1               | 15 | u-s   |  |
| m66 | 2968     | Lu 1 | MAV-J        | LHS       | R1               | 3 | 64213689  | FRK           | 0  | u-s   | NT5DC1               | 15 | u-o   |  |
| m10 | 4677     | Lu 2 | HPRS 103     | LHS       | C1Lvar2 + R3var2 | 3 | 64213751  | FRK           | 0  | u-s   | NT5DC1               | 15 | u-o   |  |
| m22 | 4681     | Lu 4 | HPRS 103     | LHS       | R3 + R4var2 + R5 | 3 | 64213752  | FRK           | 0  | u-s   | NT5DC1               | 15 | u-o   |  |
| m6  | 4649     | Lu 1 | HPRS 103     | LHS       | C1L + X2R        | 3 | 64213788  | FRK           | 0  | u-s   | NT5DC1               | 15 | u-o   |  |
| m13 | 4679     | Lu 1 | HPRS 103     | LHS       | R2               | 3 | 64213819  | FRK           | 0  | u-o   | NT5DC1               | 15 | u-s   |  |

## Príloha 1

|     |         |    |   |               |           |                   |   |           |                  |    |       |                  |    |       |
|-----|---------|----|---|---------------|-----------|-------------------|---|-----------|------------------|----|-------|------------------|----|-------|
| m53 | 2952    | Lu | 1 | MAV-J         | LHS       | R1 + R2           | 3 | 64213819  | FRK              | 0  | u-s/o | NT5DC1           | 15 | u-s/o |
| m63 | 2962    | Lu | 1 | MAV-J         | LHS       | L1                | 3 | 64213861  | FRK              | 0  | u-s   | NT5DC1           | 15 | u-o   |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | L8 + R4           | 3 | 74619940  | none             |    |       |                  |    |       |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | L6 + R11 var1     | 3 | 75591825  | BACH2            | 43 | u-o   | ENSGALG000000399 | 19 | u-s   |
| m5  | 4645    | Ki | 3 | HPRS 103      | susp. RCC | R2                | 3 | 79615036  | SH3BGRL2         | 9  | d-s   | ELOVL4           | 36 | d-o   |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC       | L6                | 3 | 80828148  | SENP6            | 18 | d-s   | MYO6             | 21 | u-s   |
| a9  | 383/My  |    |   | HPRS 103 dXSR | myelo     | L4                | 3 | 91914416  | ERICH1           | 3  | d-s   |                  |    |       |
| m61 | 2962    | Ki | 3 | MAV-J         | NB        | L6 + R4           | 3 | 92143333  | FAM110C          | 9  | d-o   |                  |    |       |
| m45 | 4637    | Lu | 1 | HPRS 103      | LHS       | L2 + R4           | 3 | 95299829  | none             |    |       |                  |    |       |
| m61 | 2962    | Ki | 3 | MAV-J         | NB        | R3                | 3 | 96891600  | GRHL1            | 0  | i-o   |                  |    |       |
| a24 | 574/Sp  |    |   | HPRS 103      | erythro   | L1                | 3 | 98336293  | TRIB2            | 1  | u-o   | ENSGALG000000319 | 3  | u-s   |
| m42 | 4721    | Lu | 1 | HPRS 103      | LHS       | R1                | 3 | 98464457  | ENSGALG000000003 | 5  | d-o   |                  |    |       |
| m87 | 4895    | Lu | 1 | MAV-J         | LHS       | R2var1            | 3 | 100534184 | VSNL1            | 0  | i-o   |                  |    |       |
| m68 | 2971    | Ki | 1 | MAV-J         | NB        | L8var2            | 3 | 100822824 | none             |    |       |                  |    |       |
| m68 | 2971    | Ki | 1 | MAV-J         | NB        | R4                | 3 | 101505495 | OSR1             | 32 | u-o   |                  |    |       |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC       | R5var1            | 3 | 102710490 | TDRD15           | 23 | u-s   | APOB             | 17 | u-o   |
| m63 | 2962    | Lu | 1 | MAV-J         | LHS       | R3var2            | 3 | 107693232 | BLK              | 15 | u-s   | FAM167A          | 24 | u-o   |
| m77 | 4889    | Ki | 1 | MAV-J         | NB        | L8 + R8 + X1aL    | 4 | 1019859   | EFNB1            | 19 | d-s   |                  |    |       |
| a9  | 383/My  |    |   | HPRS 103 dXSR | myelo     | L5                | 4 | 3995326   | GPC3             | 9  | u-s   | PHF6             | 29 | u-o   |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R9var1            | 4 | 4223480   | SLC9A6           | 2  | d-s   | FHL1             | 25 | u-s   |
| m64 | 2963    | Ki | 1 | MAV-J         | NB        | R3                | 4 | 8977799   | HDX              | 0  | i-s   |                  |    |       |
| a38 | 1302/BF |    |   | HPRS 103 (A)  | B-lympho  | C1R               | 4 | 16576803  | SEPT6            | 0  | i-o   |                  |    |       |
| a25 | 574/Sp  |    |   | HPRS 103      | erythro   | L4 + R1           | 4 | 17376860  | CXorf57          | 0  | i-s   |                  |    |       |
| a68 | 3978/Li |    |   | HPRS 103      | myelo     | L1 + R1           | 4 | 17378827  | CXorf57          | 0  | i-o   |                  |    |       |
| a37 | 1297/Li |    |   | HPRS 103 (A)  | B-lympho  | L2                | 4 | 35218625  | MRPL1            | 9  | u-o   | CNOT6L           | 11 | u-s   |
| m68 | 2971    | Ki | 1 | MAV-J         | NB        | R3                | 4 | 36364466  | none             |    |       |                  |    |       |
| m87 | 4895    | Lu | 1 | MAV-J         | LHS       | L1 + X1Rvar1      | 4 | 37396107  | SMARCAD1         | 9  | u-o   |                  |    |       |
| m77 | 4889    | Ki | 1 | MAV-J         | NB        | L1                | 4 | 38263196  | SGMS2            | 0  | i-o   |                  |    |       |
| a48 | 1997/My |    |   | HPRS 103      | myelo     | R1                | 4 | 38471958  | DKK2             | 19 | u-o   |                  |    |       |
| a78 | 4964/Sp |    |   | HPRS 103      | erythro   | L6                | 4 | 44097062  | HPGD             | 19 | u-s   | GLRA3            | 46 | d-s   |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | L13 + R7          | 4 | 46715864  | ENOPH1           | 0  | d-s   | TMEM150C         | 1  | d-o   |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | R10               | 4 | 50226435  | STBD1            | 5  | d-o   |                  |    |       |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | L5                | 4 | 50876939  | ADAMTS3          | 0  | i-o   |                  |    |       |
| a37 | 1297/Li |    |   | HPRS 103 (A)  | B-lympho  | L3                | 4 | 54291463  | CCNA2            | 0  | i-s   |                  |    |       |
| m51 | 2952    | Ki | 1 | MAV-J         | NB        | R8var1            | 4 | 61731723  | FAM149A          | 0  | i-o   |                  |    |       |
| m22 | 4681    | Lu | 4 | HPRS 103      | LHS       | L3 + R4var1       | 4 | 65570336  | KDR              | 28 | u-s   | SRD5A3           | 21 | u-o   |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | L4var2 + L5 + R12 | 4 | 65922839  | CHIC2            | 14 | d-o   |                  |    |       |
| a20 | 397/My2 |    |   | HPRS 103      | myelo     | L9                | 4 | 66760372  | FRYL             | 15 | u-s   | OCIAD1           | 51 | u-o   |
| m45 | 4637    | Lu | 1 | HPRS 103      | LHS       | L1                | 4 | 72334734  | PCDH7            | 33 | u-s   |                  |    |       |

## Príloha 1

|     |         |    |   |               |          |                   |   |          |                 |    |     |                 |    |     |
|-----|---------|----|---|---------------|----------|-------------------|---|----------|-----------------|----|-----|-----------------|----|-----|
| m36 | 4711    | Lu | 3 | HPRS 103      | LHS      | X1Lvar1           | 4 | 77542980 | ENSGALG0000004  | 44 | d-s |                 |    |     |
| a20 | 397/My2 |    |   | HPRS 103      | myelo    | L4var1            | 4 | 82923230 | ADD1            | 0  | i-s |                 |    |     |
| m51 | 2952    | Ki | 1 | MAV-J         | NB       | L4var1            | 4 | 85862318 | ENSGALG0000000  | 0  | i-s |                 |    |     |
| a68 | 3978/Li |    |   | HPRS 103      | myelo    | L2 + R2 + R1b     | 4 | 90159834 | ADAM33          | 0  | i-s |                 |    |     |
| m6  | 4649    | Lu | 1 | HPRS 103      | LHS      | X01L              | 5 | 7091022  | DEPDC7          | 23 | u-o |                 |    |     |
| a38 | 1302/BF |    |   | HPRS 103 (A)  | B-lympho | L1 + R3           | 5 | 14377619 | BRSK2           | 0  | i-s |                 |    |     |
| m64 | 2963    | Ki | 1 | MAV-J         | NB       | L2                | 5 | 17671447 | FGF3            | 46 | u-o | ANO1            | 58 | u-s |
| a78 | 4964/Sp |    |   | HPRS 103      | erythro  | L10               | 5 | 24524612 | EXD1            | 3  | u-s | CHP1            | 3  | u-o |
| m66 | 2968    | Lu | 1 | MAV-J         | LHS      | R2                | 5 | 25320749 | EHD4            | 0  | i-s |                 |    |     |
| m63 | 2962    | Lu | 1 | MAV-J         | LHS      | R1                | 5 | 34489962 | HEATR5A         | 0  | i-s |                 |    |     |
| m63 | 2962    | Lu | 1 | MAV-J         | LHS      | L2                | 5 | 34691233 | ARHGAP5         | 13 | u-s |                 |    |     |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC      | R4                | 5 | 36467531 | none            |    |     |                 |    |     |
| m73 | 4877    | Mu | 1 | MAV-J         | n.d.     | L1 + R1           | 5 | 38266307 | FOS             | 0  | i-s |                 |    |     |
| a78 | 4964/Sp |    |   | HPRS 103      | erythro  | R4 var1 + R5      | 5 | 40338269 | NRXN3           | 0  | i-s |                 |    |     |
| m66 | 2968    | Lu | 1 | MAV-J         | LHS      | L4 + R3           | 5 | 44353273 | CCDC88C         | 0  | i-s |                 |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho | R5var1            | 5 | 44417204 | PPP4R3A         | 0  | i-s |                 |    |     |
| m64 | 2963    | Ki | 1 | MAV-J         | NB       | L3 + L7 + R7      | 5 | 49956189 | TRAF3           | 0  | i-o |                 |    |     |
| m75 | 4887    | Ki | 2 | MAV-J         | NB       | L6                | 5 | 50299341 | EIF5            | 0  | i-o |                 |    |     |
| m62 | 2962    | Ki | 4 | MAV-J         | NB       | L2                | 5 | 51832034 | CEP170B         | 0  | i-o |                 |    |     |
| m68 | 2971    | Ki | 1 | MAV-J         | NB       | L7 + R7 + R8      | 5 | 53419333 | PPP2R5E         | 0  | i-s |                 |    |     |
| a6  | 367/Ki2 |    |   | HPRS 103      | myelo    | R3 + R2 var1 + L3 | 5 | 58037385 | SAV-1           | 2  | u-o | NIN             | 2  | d-o |
| a81 | 4979/Li |    |   | HPRS 103 dXSR | myelo    | R1                | 6 | 3970195  | none            |    |     |                 |    |     |
| m78 | 4889    | Pa | 1 | MAV-J         | PC       | L1 + R2           | 6 | 5096100  | TMEM254         | 10 | u-s | BMS1            | 3  | u-o |
| m77 | 4889    | Ki | 1 | MAV-J         | NB       | R5                | 6 | 10964097 | SGALG0000004333 | 7  | u-o | TSPAN15         | 26 | d-o |
| a20 | 397/My2 |    |   | HPRS 103      | myelo    | R7                | 6 | 12128460 | ZCCHC24         | 0  | i-o |                 |    |     |
| a20 | 397/My2 |    |   | HPRS 103      | myelo    | L8 + R1           | 6 | 14873343 | SAMD8           | 0  | d-o |                 |    |     |
| a76 | 4960/Li |    |   | HPRS 103      | myelo    | L4                | 6 | 15581128 | CAMK2G          | 0  | i-o |                 |    |     |
| m90 | 4905    | Ki | 2 | MAV-J         | NB       | L2                | 6 | 17226499 | gga-mir-6577    | 0  | u-s | Pax-2           | 48 | u-o |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo    | L4                | 6 | 19290759 | FAS             | 22 | d-s | CH25H           | 39 | u-o |
| m68 | 2971    | Ki | 1 | MAV-J         | NB       | L4                | 6 | 22030471 | CPN1            | 0  | i-o |                 |    |     |
| m96 | 4915    | Ki | 1 | MAV-J         | NB       | R1                | 6 | 22704135 | FGF8            | 1  | u-s | MGEA5           | 4  | d-s |
| m42 | 4721    | Lu | 1 | HPRS 103      | LHS      | R1                | 6 | 26144696 | RBM20           | 2  | d-s | PDCD4           | 13 | u-s |
| m22 | 4681    | Lu | 4 | HPRS 103      | LHS      | L2                | 6 | 30850597 | none            |    |     |                 |    |     |
| a25 | 574/Sp  |    |   | HPRS 103      | erythro  | L3                | 6 | 33343090 | PTPRE           | 26 | u-o | CLRN3           | 29 | u-s |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC      | L9                | 7 | 2817988  | CPS1            | 0  | i-o |                 |    |     |
| a78 | 4964/Sp |    |   | HPRS 103      | erythro  | L8b + R2          | 7 | 3564334  | ERBB4           | 5  | u-o | ENSGALG00000044 | 13 | d-o |
| a79 | 4974/Li |    |   | HPRS 103      | myelo    | R1                | 7 | 4766567  | RAB17           | 2  | u-o | LRRFIP1         | 47 | u-s |
| a20 | 397/My2 |    |   | HPRS 103      | myelo    | R12               | 7 | 4876469  | ENSGALG0000004  | 0  | i-s |                 |    |     |
| m62 | 2962    | Ki | 4 | MAV-J         | NB       | L4 var1 + R11     | 7 | 7990165  | STAT4           | 8  | u-s | MYO1B           | 24 | u-o |

## Príloha 1

|     |         |    |   |              |           |               |    |          |                |    |     |          |    |     |
|-----|---------|----|---|--------------|-----------|---------------|----|----------|----------------|----|-----|----------|----|-----|
| m64 | 2963    | Ki | 1 | MAV-J        | NB        | L1 + R5       | 7  | 10243256 | HSPD1          | 0  | i-o |          |    |     |
| m62 | 2962    | Ki | 4 | MAV-J        | NB        | L7            | 7  | 10370799 | PLCL1          | 0  | i-s |          |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A) | B-lympho  | R4            | 7  | 11218343 | SPATS2L        | 0  | i-o |          |    |     |
| a55 | 3848/Li |    |   | MQ-NCSU      | B-lympho  | R1            | 7  | 11637748 | CDK15          | 0  | i-s |          |    |     |
| m64 | 2963    | Ki | 1 | MAV-J        | NB        | R4            | 7  | 15001819 | ZNF385B        | 0  | i-o |          |    |     |
| m33 | 4711    | Li | 1 | HPRS 103     | ICC       | L1 + R6 var2  | 7  | 17443461 | MAP3K20        | 0  | i-s |          |    |     |
| m57 | 2958    | Lu | 2 | MAV-J        | LHS       | L1            | 7  | 19402992 | gga-mir-1591   | 4  | d-o |          |    |     |
| a29 | 1241/Li |    |   | HPRS 103 (A) | B-lympho  | L3 + R1       | 7  | 21569601 | TANK           | 0  | i-o |          |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A) | B-lympho  | L2 + L4       | 7  | 26080000 | GLI2           | 0  | i-s |          |    |     |
| m87 | 4895    | Lu | 1 | MAV-J        | LHS       | L2            | 7  | 26086907 | GLI2           | 0  | i-s |          |    |     |
| m77 | 4889    | Ki | 1 | MAV-J        | NB        | R9            | 7  | 33206763 | ARHGAP15       | 13 | d-o |          |    |     |
| a25 | 574/Sp  |    |   | HPRS 103     | erythro   | L7            | 7  | 34892215 | EPC2           | 19 | u-s | MBD5     | 5  | d-s |
| m22 | 4681    | Lu | 4 | HPRS 103     | LHS       | R2            | 8  | 3434744  | CDC73          | 0  | i-o |          |    |     |
| m32 | 4707    | Ki | 1 | HPRS 103     | susp. RCC | L2 + R1       | 8  | 4245453  | NOTCH2         | 0  | i-s |          |    |     |
| a27 | 1065/My |    |   | HPRS 103 (A) | B-lympho  | L3 + R1       | 8  | 6022172  | QSOX1          | 13 | u-s | CEP350   | 17 | d-s |
| m23 | 4689    | Lu | 1 | HPRS 103     | LHS       | R1            | 8  | 16764195 | PRKACB         | 0  | i-s |          |    |     |
| m51 | 2952    | Ki | 1 | MAV-J        | NB        | R5var1        | 8  | 16869759 | TTLL7          | 13 | d-o |          |    |     |
| m33 | 4711    | Li | 1 | HPRS 103     | ICC       | L10var1       | 8  | 27000565 | ENSGALG0000002 | 34 | d-s |          |    |     |
| a27 | 1065/My |    |   | HPRS 103 (A) | B-lympho  | L2 + R2       | 9  | 1456321  | POLR2D         | 4  | u-o | AMMECR1L | 3  | d-o |
| m77 | 4889    | Ki | 1 | MAV-J        | NB        | L4 + R2       | 9  | 6611337  | SPSB4          | 0  | i-s |          |    |     |
| a78 | 4964/Sp |    |   | HPRS 103     | erythro   | R6var2        | 9  | 9242615  | IRS1           | 1  | d-o |          |    |     |
| m33 | 4711    | Li | 1 | HPRS 103     | ICC       | R3            | 9  | 10930023 | C3orf53        | 0  | i-s |          |    |     |
| a25 | 574/Sp  |    |   | HPRS 103     | erythro   | L9            | 9  | 23451605 | P2RY1          | 16 | d-o | RAP2B    | 13 | u-o |
| a34 | 1265/My |    |   | HPRS 103 (A) | B-lympho  | L3            | 10 | 6494461  | THSD4          | 0  | i-s |          |    |     |
| a37 | 1297/Li |    |   | HPRS 103 (A) | B-lympho  | L5 + R3       | 10 | 12234443 | ENSGALG0000002 | 0  | i-s |          |    |     |
| a55 | 3848/Li |    |   | MQ-NCSU      | B-lympho  | X1R           | 10 | 13999978 | AKAP13         | 0  | i-s |          |    |     |
| m68 | 2971    | Ki | 1 | MAV-J        | NB        | L1            | 10 | 14129328 | NET1           | 0  | i-s |          |    |     |
| a6  | 367/Ki2 |    |   | HPRS 103     | myelo     | L4 var2 + L3b | 10 | 17451862 | ALDH1A3        | 0  | i-o |          |    |     |
| a55 | 3848/Li |    |   | MQ-NCSU      | B-lympho  | L3b           | 10 | 17993848 | IGDCC4         | 11 | u-o |          |    |     |
| m68 | 2971    | Ki | 1 | MAV-J        | NB        | L12           | 11 | 11081689 | KIAA0355       | 7  | u-o | GPI      | 22 | u-s |
| a20 | 397/My2 |    |   | HPRS 103     | myelo     | L7 + R6       | 11 | 17064688 | COTL1          | 0  | i-o |          |    |     |
| a68 | 3978/Li |    |   | HPRS 103     | myelo     | R3 + R1b var1 | 12 | 4964966  | RAF1           | 0  | i-s |          |    |     |
| m61 | 2962    | Ki | 3 | MAV-J        | NB        | L1var2 + R2   | 12 | 8528823  | IL17RD         | 25 | u-o |          |    |     |
| m75 | 4887    | Ki | 2 | MAV-J        | NB        | R4            | 12 | 11385762 | SRPK3          | 6  | d-s | SETD5    | 17 | u-s |
| a20 | 397/My2 |    |   | HPRS 103     | myelo     | L1 + R8       | 12 | 15803510 | none           |    |     |          |    |     |
| m68 | 2971    | Ki | 1 | MAV-J        | NB        | L6 + R10 var1 | 12 | 19764038 | RBSN           | 0  | i-o |          |    |     |
| m5  | 4645    | Ki | 3 | HPRS 103     | susp. RCC | R1b           | 13 | 7829022  | SLU7           | 0  | i-s |          |    |     |
| m77 | 4889    | Ki | 1 | MAV-J        | NB        | R6            | 13 | 7907468  | FABP6          | 0  | i-s |          |    |     |
| m68 | 2971    | Ki | 1 | MAV-J        | NB        | R13           | 13 | 17330885 | FGF1           | 18 | d-o | SPRY4    | 28 | u-o |

## Príloha 1

|     |         |    |   |               |           |                   |                |          |                |    |     |                   |    |     |
|-----|---------|----|---|---------------|-----------|-------------------|----------------|----------|----------------|----|-----|-------------------|----|-----|
| a79 | 4974/Li |    |   | HPRS 103      | myelo     | L6                | 13             | 17482287 | NR3C1          | 3  | d-o | ARHGAP26          | 5  | d-s |
| m75 | 4887    | Ki | 2 | MAV-J         | NB        | L7 + R5 + R6 var2 | 14             | 1655486  | none           |    |     |                   |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R9var2            | 14             | 3254088  | TTYH3          | 0  | i-o |                   |    |     |
| a37 | 1297/Li |    |   | HPRS 103 (A)  | B-lympho  | L4a var1 + R4     | 14             | 4365234  | ARPC1A         | 1  | u-s | KPNA7             | 29 | u-o |
| m90 | 4905    | Ki | 2 | MAV-J         | NB        | L1                | 14             | 13810855 | TMEM204        | 0  | i-o | IFT149            | 0  | i-s |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | R7                | 15             | 2048758  | none           |    |     |                   |    |     |
| a20 | 397/My2 |    |   | HPRS 103      | myelo     | R11               | 15             | 7059411  | GRK3           | 0  | i-s |                   |    |     |
| a6  | 367/Ki2 |    |   | HPRS 103      | myelo     | L3a + R5          | 15             | 7506947  | MN1            | 32 | d-o |                   |    |     |
| a79 | 4974/Li |    |   | HPRS 103      | myelo     | L4                | 15             | 11279744 | RFC5           | 0  | i-s | ISGALG00000036227 | 0  | i-o |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R12               | 17             | 4857528  | none           |    |     |                   |    |     |
| m42 | 4721    | Lu | 1 | HPRS 103      | LHS       | L3                | 17             | 9032862  | DAB2IP         | 0  | i-s |                   |    |     |
| a33 | 1262/Li |    |   | HPRS 103 (A)  | B-lympho  | L2 + R2           | 18             | 2047272  | PIK3R5         | 0  | i-s |                   |    |     |
| m63 | 2962    | Lu | 1 | MAV-J         | LHS       | L4 + R3 var1      | 18             | 4316265  | MXRA7          | 0  | i-s |                   |    |     |
| a20 | 397/My2 |    |   | HPRS 103      | myelo     | L2                | 18             | 6094058  | PCTP           | 2  | u-s | TMEM100           | 5  | u-o |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R5var2            | 18             | 10767435 | SUMO2          | 0  | i-s |                   |    |     |
| m87 | 4895    | Lu | 1 | MAV-J         | LHS       | L3 + X1Rvar2      | 19             | 3173201  | ANKFY1         | 1  | d-o | CYB5D2            | 4  | d-s |
| a76 | 4960/Li |    |   | HPRS 103      | myelo     | L5 + R5           | 19             | 3346240  | CAMKK1         | 0  | i-o |                   |    |     |
| a34 | 1265/My |    |   | HPRS 103 (A)  | B-lympho  | L2                | 19             | 5210595  | MYO1C          | 0  | i-o |                   |    |     |
| m10 | 4677    | Lu | 2 | HPRS 103      | LHS       | C2Lvar1           | 19             | 5249820  | INPP5K         | 0  | i-o |                   |    |     |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | R3var1            | 19             | 7930728  | BCAS3          | 0  | i-o |                   |    |     |
| a37 | 1297/Li |    |   | HPRS 103 (A)  | B-lympho  | L4a var2 + L4b    | 19             | 9547789  | RAP1GAP2       | 0  | i-o |                   |    |     |
| m53 | 2952    | Lu | 1 | MAV-J         | LHS       | R3                | 20             | 120006   | SRSF6          | 3  | u-s |                   |    |     |
| a79 | 4974/Li |    |   | HPRS 103      | myelo     | L1 + R4           | 20             | 1458696  | MANBAL         | 0  | d-s | DYNLRB1           | 3  | u-s |
| m5  | 4645    | Ki | 3 | HPRS 103      | susp. RCC | R3                | 20             | 12668766 | BCAS1          | 41 | d-o |                   |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R1                | 21             | 912067   | CEP104         | 0  | i-s |                   |    |     |
| a76 | 4960/Li |    |   | HPRS 103      | myelo     | L1 + R1           | 21             | 947805   | TP73           | 0  | i-s |                   |    |     |
| a25 | 574/Sp  |    |   | HPRS 103      | erythro   | L8 + R4           | 23             | 3265995  | MYCBP          | 0  | i-o | RRAGC             | 0  | i-o |
| a20 | 397/My2 |    |   | HPRS 103      | myelo     | L4var2            | 23             | 3792131  | ZC3H12A        | 1  | u-o |                   |    |     |
| a81 | 4979/Li |    |   | HPRS 103 dXSR | myelo     | L7                | 24             | 423523   | DDCPS          | 0  | i-s |                   |    |     |
| m57 | 2958    | Lu | 2 | MAV-J         | LHS       | R2                | 24             | 1655786  | ENSGALG0000004 | 0  | i-o |                   |    |     |
| a25 | 574/Sp  |    |   | HPRS 103      | erythro   | L2 + R2           | 24             | 4379640  | KMT2A          | 0  | i-s |                   |    |     |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC       | R8                | 25             | 1027713  | ENSGALG0000003 | 1  | d-s | ENSGALG000000414  | 2  | u-s |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC       | R8                | 25             | 1043283  | ENSGALG0000004 | 0  | d-o | ENSGALG000000425  | 2  | u-o |
| m28 | 4693    | Lu | 5 | HPRS 103      | LHS       | L1 + R1           | 27             | 3767483  | IGF2BP1        | 0  | i-o |                   |    |     |
| a33 | 1262/Li |    |   | HPRS 103 (A)  | B-lympho  | R4                | 29             | 5220098  | SRC            | 0  | i-s |                   |    |     |
| a55 | 3848/Li |    |   | MQ-NCSU       | B-lympho  | X1L + R4          | 33             | 184493   | DIP2B          | 0  | i-s |                   |    |     |
| m68 | 2971    | Ki | 1 | MAV-J         | NB        | R11               | AADN04000843.1 | 46591    | Wpkci-8        | 0  | i-o |                   |    |     |
| m30 | 4695    | Li | 2 | HPRS 103      | ICC       | L1                | AADN04003729.1 | 1486     | none           |    |     |                   |    |     |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R11var2           | AADN04007878.1 | 1212     | QTRT1          | 0  | i-o |                   |    |     |



## Príloha 1

|     |         |    |   |               |           |          |                 |      |       |   |     |  |  |  |  |  |
|-----|---------|----|---|---------------|-----------|----------|-----------------|------|-------|---|-----|--|--|--|--|--|
| a38 | 1302/BF |    |   | HPRS 103 (A)  | B-lympho  | R4       | AADN04017158.1  | 2079 | none  |   |     |  |  |  |  |  |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC       | R2       | BAC clone       | -    | none  |   |     |  |  |  |  |  |
| m44 | 4761    | Lu | 2 | HPRS 103      | LHS       | R1       | BAC clone       | -    | none  |   |     |  |  |  |  |  |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | R2       | bad sequence    | -    | -     |   |     |  |  |  |  |  |
| a33 | 1262/Li |    |   | HPRS 103 (A)  | B-lympho  | L1       | bad sequence    | -    | -     |   |     |  |  |  |  |  |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | R3       | bad sequence    | -    | -     |   |     |  |  |  |  |  |
| a38 | 1302/BF |    |   | HPRS 103 (A)  | B-lympho  | R1       | bad sequence    | -    | -     |   |     |  |  |  |  |  |
| a6  | 367/Ki2 |    |   | HPRS 103      | myelo     | L5       | bad sequence    | -    | -     |   |     |  |  |  |  |  |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC       | R7       | bad sequence    |      |       |   |     |  |  |  |  |  |
| m45 | 4637    | Lu | 1 | HPRS 103      | LHS       | R3       | bad sequence    |      |       |   |     |  |  |  |  |  |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | R1       | bad sequence    |      |       |   |     |  |  |  |  |  |
| m68 | 2971    | Ki | 1 | MAV-J         | NB        | C1L      | bad sequence    |      |       |   |     |  |  |  |  |  |
| m77 | 4889    | Ki | 1 | MAV-J         | NB        | R1       | bad sequence    |      |       |   |     |  |  |  |  |  |
| m87 | 4895    | Lu | 1 | MAV-J         | LHS       | R1       | bad sequence    |      |       |   |     |  |  |  |  |  |
| m90 | 4905    | Ki | 2 | MAV-J         | NB        | R2       | bad sequence    |      |       |   |     |  |  |  |  |  |
| m96 | 4915    | Ki | 1 | MAV-J         | NB        | R5       | bad sequence    |      |       |   |     |  |  |  |  |  |
| a37 | 1297/Li |    |   | HPRS 103 (A)  | B-lympho  | X1R      | contamination   | -    | -     |   |     |  |  |  |  |  |
| m62 | 2962    | Ki | 4 | MAV-J         | NB        | R2       | contamination   |      |       |   |     |  |  |  |  |  |
| m66 | 2968    | Lu | 1 | MAV-J         | LHS       | C1L      | contamination   |      |       |   |     |  |  |  |  |  |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | L3       | endog. provirus | -    | -     |   |     |  |  |  |  |  |
| a81 | 4979/Li |    |   | HPRS 103 dXSR | myelo     | L3       | endog. provirus | -    | -     |   |     |  |  |  |  |  |
| m13 | 4679    | Lu | 1 | HPRS 103      | LHS       | C1Lvar2  | endog. provirus |      |       |   |     |  |  |  |  |  |
| m5  | 4646    | Ki | 4 | HPRS 103      | susp. RCC | R4       | endog. provirus |      |       |   |     |  |  |  |  |  |
| m87 | 4895    | Lu | 1 | MAV-J         | LHS       | R2var2   | endog. provirus |      |       |   |     |  |  |  |  |  |
| m68 | 2971    | Ki | 1 | MAV-J         | NB        | L2 + R11 | KQ759486.1      | 6603 | HINT1 | 0 | i-o |  |  |  |  |  |
| a20 | 397/My2 |    |   | HPRS 103      | myelo     | R13a     | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | L1       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | L2       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | X1L      | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo     | X1R      | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | L14      | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a36 | 1285/Li |    |   | HPRS 103 (A)  | B-lympho  | L9       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a38 | 1302/BF |    |   | HPRS 103 (A)  | B-lympho  | L3       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a55 | 3848/Li |    |   | MQ-NCSU       | B-lympho  | L3a      | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a6  | 367/Ki2 |    |   | HPRS 103      | myelo     | R8       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a81 | 4979/Li |    |   | HPRS 103 dXSR | myelo     | L5       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| a81 | 4979/Li |    |   | HPRS 103 dXSR | myelo     | R5       | provirus only   | -    | -     |   |     |  |  |  |  |  |
| m10 | 4677    | Lu | 2 | HPRS 103      | LHS       | C1Lvar1  | provirus only   |      |       |   |     |  |  |  |  |  |
| m10 | 4677    | Lu | 2 | HPRS 103      | LHS       | C2Lvar2  | provirus only   |      |       |   |     |  |  |  |  |  |

## Príloha 1

|     |      |    |   |          |           |          |                   |  |  |  |  |  |  |  |  |
|-----|------|----|---|----------|-----------|----------|-------------------|--|--|--|--|--|--|--|--|
| m13 | 4679 | Lu | 1 | HPRS 103 | LHS       | L2       | provirus only     |  |  |  |  |  |  |  |  |
| m28 | 4693 | Lu | 5 | HPRS 103 | LHS       | X1L      | provirus only     |  |  |  |  |  |  |  |  |
| m32 | 4707 | Ki | 1 | HPRS 103 | susp. RCC | X1L      | provirus only     |  |  |  |  |  |  |  |  |
| m33 | 4711 | Li | 1 | HPRS 103 | ICC       | L10var2  | provirus only     |  |  |  |  |  |  |  |  |
| m33 | 4711 | Li | 1 | HPRS 103 | ICC       | L4       | provirus only     |  |  |  |  |  |  |  |  |
| m36 | 4711 | Lu | 3 | HPRS 103 | LHS       | L2       | provirus only     |  |  |  |  |  |  |  |  |
| m42 | 4721 | Lu | 1 | HPRS 103 | LHS       | L1var2   | provirus only     |  |  |  |  |  |  |  |  |
| m42 | 4721 | Lu | 1 | HPRS 103 | LHS       | L2var2   | provirus only     |  |  |  |  |  |  |  |  |
| m42 | 4721 | Lu | 1 | HPRS 103 | LHS       | R3       | provirus only     |  |  |  |  |  |  |  |  |
| m42 | 4721 | Lu | 1 | HPRS 103 | LHS       | X1L      | provirus only     |  |  |  |  |  |  |  |  |
| m42 | 4721 | Lu | 1 | HPRS 103 | LHS       | X2L      | provirus only     |  |  |  |  |  |  |  |  |
| m44 | 4761 | Lu | 2 | HPRS 103 | LHS       | C1Lvar1  | provirus only     |  |  |  |  |  |  |  |  |
| m44 | 4761 | Lu | 2 | HPRS 103 | LHS       | X1L      | provirus only     |  |  |  |  |  |  |  |  |
| m45 | 4637 | Lu | 1 | HPRS 103 | LHS       | L4       | provirus only     |  |  |  |  |  |  |  |  |
| m5  | 4645 | Ki | 3 | HPRS 103 | susp. RCC | R1a      | provirus only     |  |  |  |  |  |  |  |  |
| m51 | 2952 | Ki | 1 | MAV-J    | NB        | L1       | provirus only     |  |  |  |  |  |  |  |  |
| m51 | 2952 | Ki | 1 | MAV-J    | NB        | L5       | provirus only     |  |  |  |  |  |  |  |  |
| m51 | 2952 | Ki | 1 | MAV-J    | NB        | R6       | provirus only     |  |  |  |  |  |  |  |  |
| m62 | 2962 | Ki | 4 | MAV-J    | NB        | R8       | provirus only     |  |  |  |  |  |  |  |  |
| m63 | 2962 | Lu | 1 | MAV-J    | LHS       | R5       | provirus only     |  |  |  |  |  |  |  |  |
| m64 | 2963 | Ki | 1 | MAV-J    | NB        | L9       | provirus only     |  |  |  |  |  |  |  |  |
| m66 | 2968 | Lu | 1 | MAV-J    | LHS       | L1       | provirus only     |  |  |  |  |  |  |  |  |
| m66 | 2968 | Lu | 1 | MAV-J    | LHS       | L2       | provirus only     |  |  |  |  |  |  |  |  |
| m66 | 2968 | Lu | 1 | MAV-J    | LHS       | R4       | provirus only     |  |  |  |  |  |  |  |  |
| m64 | 2963 | Ki | 1 | MAV-J    | NB        | R8       | provirus only     |  |  |  |  |  |  |  |  |
| m68 | 2971 | Ki | 1 | MAV-J    | NB        | L13      | provirus only     |  |  |  |  |  |  |  |  |
| m68 | 2971 | Ki | 1 | MAV-J    | NB        | R1       | provirus only     |  |  |  |  |  |  |  |  |
| m68 | 2971 | Ki | 1 | MAV-J    | NB        | R16      | provirus only     |  |  |  |  |  |  |  |  |
| m68 | 2971 | Ki | 1 | MAV-J    | NB        | R6var1   | provirus only     |  |  |  |  |  |  |  |  |
| m77 | 4889 | Ki | 1 | MAV-J    | NB        | X1aLvar1 | provirus only     |  |  |  |  |  |  |  |  |
| m77 | 4889 | Ki | 1 | MAV-J    | NB        | X1aR     | provirus only     |  |  |  |  |  |  |  |  |
| m77 | 4889 | Ki | 1 | MAV-J    | NB        | X1bL     | provirus only     |  |  |  |  |  |  |  |  |
| m77 | 4889 | Ki | 1 | MAV-J    | NB        | X1bR     | provirus only     |  |  |  |  |  |  |  |  |
| m87 | 4895 | Lu | 1 | MAV-J    | LHS       | X1L      | provirus only     |  |  |  |  |  |  |  |  |
| m96 | 4915 | Ki | 1 | MAV-J    | NB        | L3       | provirus only     |  |  |  |  |  |  |  |  |
| m96 | 4915 | Ki | 1 | MAV-J    | NB        | R4       | provirus only     |  |  |  |  |  |  |  |  |
| m78 | 4889 | Pa | 1 | MAV-J    | PC        | R1       | repet. seq. (CR1) |  |  |  |  |  |  |  |  |
| m68 | 2971 | Ki | 1 | MAV-J    | NB        | L11      | repetit. seq.     |  |  |  |  |  |  |  |  |
| m68 | 2971 | Ki | 1 | MAV-J    | NB        | R12      | repetit. seq.     |  |  |  |  |  |  |  |  |

Príloha 1

|     |         |    |   |               |         |                  |                 |          |        |    |     |      |    |     |
|-----|---------|----|---|---------------|---------|------------------|-----------------|----------|--------|----|-----|------|----|-----|
| m6  | 4649    | Lu | 1 | HPRS 103      | LHS     | X2L              | very short seq. |          |        |    |     |      |    |     |
| m96 | 4915    | Ki | 1 | MAV-J         | NB      | R3               | very short seq. |          |        |    |     |      |    |     |
| a20 | 397/My2 |    |   | HPRS 103      | myelo   | L3 + R10         | Z               | 7311410  | UBE2R2 | 0  | i-o |      |    |     |
| m62 | 2962    | Ki | 4 | MAV-J         | NB      | L6               | Z               | 7535949  | DCAF12 | 0  | i-o |      |    |     |
| m6  | 4649    | Lu | 1 | HPRS 103      | LHS     | L2var1           | Z               | 12045472 | LIFR   | 0  | i-s |      |    |     |
| m13 | 4679    | Lu | 1 | HPRS 103      | LHS     | R1               | Z               | 16366909 | ARL15  | 0  | i-o |      |    |     |
| m51 | 2952    | Ki | 1 | MAV-J         | NB      | L9 var2 + R8var2 | Z               | 16635238 | ESM1   | 1  | u-s | GZMA | 14 | d-s |
| m62 | 2962    | Ki | 4 | MAV-J         | NB      | R3var2           | Z               | 34753147 | APBA1  | 0  | i-s |      |    |     |
| a26 | 600/Li  |    |   | HPRS 103 dXSR | myelo   | L6var2           | Z               | 37808887 | GNAQ   | 0  | i-s |      |    |     |
| m6  | 4649    | Lu | 1 | HPRS 103      | LHS     | L1 + R1          | Z               | 40971063 | none   |    |     |      |    |     |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC     | L7var1           | Z               | 51272594 | CHD1Z  | 1  | u-o |      |    |     |
| m33 | 4711    | Li | 1 | HPRS 103      | ICC     | R1               | Z               | 64168866 | RAD17  | 0  | i-s |      |    |     |
| a78 | 4964/Sp |    |   | HPRS 103      | erythro | L7 + R4 var2     | Z               | 78690212 | CDKN2B | 47 | u-o |      |    |     |
| m89 | 4905    | Ki | 1 | MAV-J         | NB      | L2 + R2          | Z               | 78693354 | CDKN2B | 50 | u-s |      |    |     |

**Vysvetlivky**

work no. - pracovné číslo  
 sample - vzorka označená číslom kurčaťa, orgánom a číslom nádoru  
 virus - vírus použitý na infekciu  
 histology - histológia  
 fragment - fragment DNA označený podľa výsledkov iPCR  
 chromosome - číslo chromozómu  
 position - pozícia na chromozóme zodpovedajúca umiestneniu provírusu  
 gene - gén  
 dist. - vzdialenosť provírusu od daného génu  
 orient. - orientácia provírusu vzhľadom k orientácii génu  
 a - vzorky pochádzajúce z Veľkej Británie  
 m - vzorky pochádzajúce z oddelenia vírusovej a bunkovej genetiky AV ČR

Ki - obličky  
 Li - pečeň  
 Sp - slezina  
 Lu - pľúca  
 Mu - sval  
 Pa - pankreas  
 BF - Fabriciova burza  
 My - myeloidný pôvod  
  
 i-s - inside same  
 i-o - inside opposite  
 u-s - upstream same  
 u-o - upstream opposite  
 d-s - downstream same  
 d-o - downstream opposite

Ki tumor - nádor obličky  
 myelo - myelocytóm  
 erythro - erytroblastóza  
 B-lympho - B-lymfóm  
 LHS - pľúcny hemangiosarkóm  
 RCC - karcinóm obličky (renal cell carcinoma)  
 ICC - intrahepatický  
 cholangiocelulárny karcinóm  
 NB - nefroblastóm  
 PC - karcinóm pankreasu  
 n.d. - neprítomnosť histológie