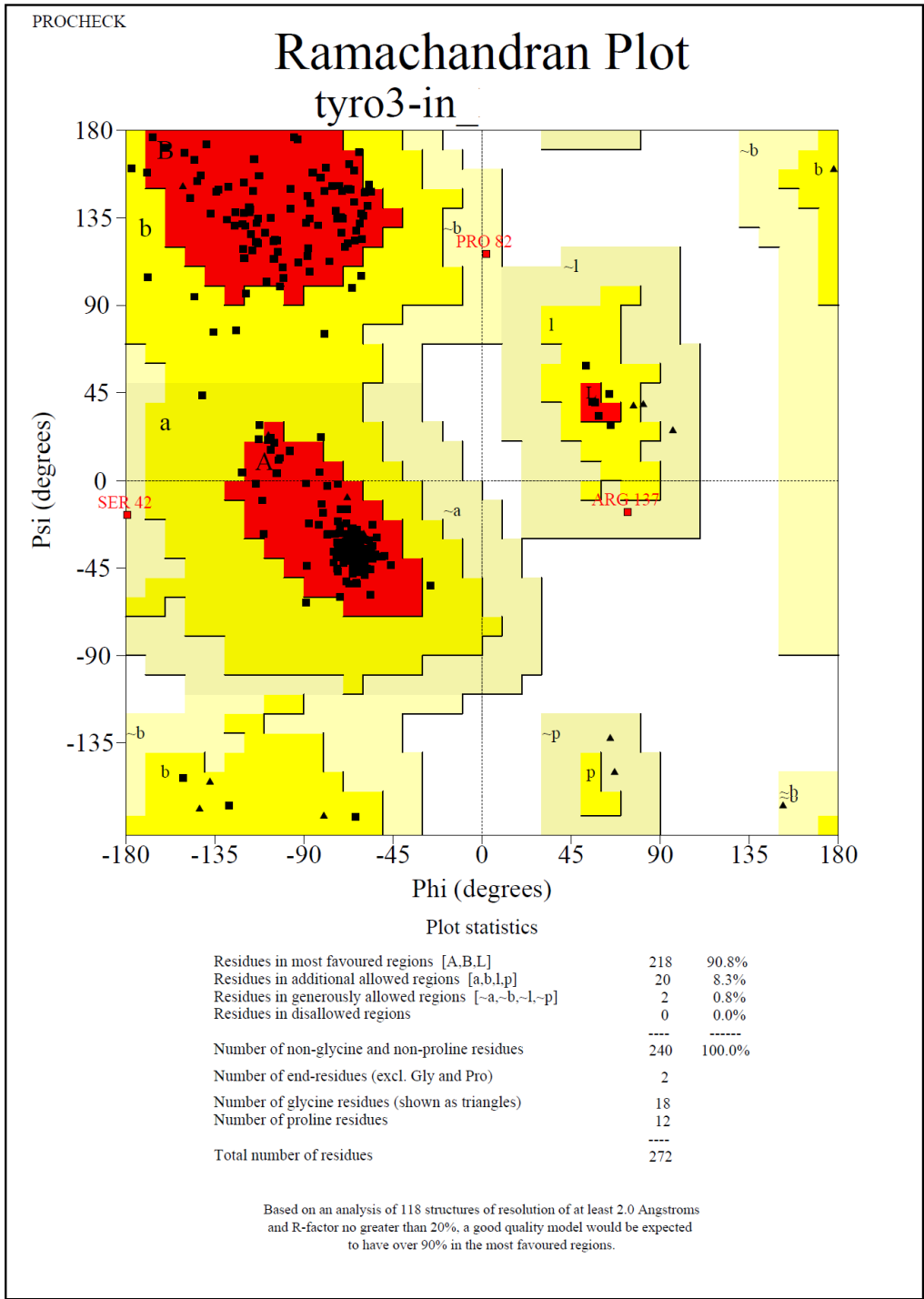


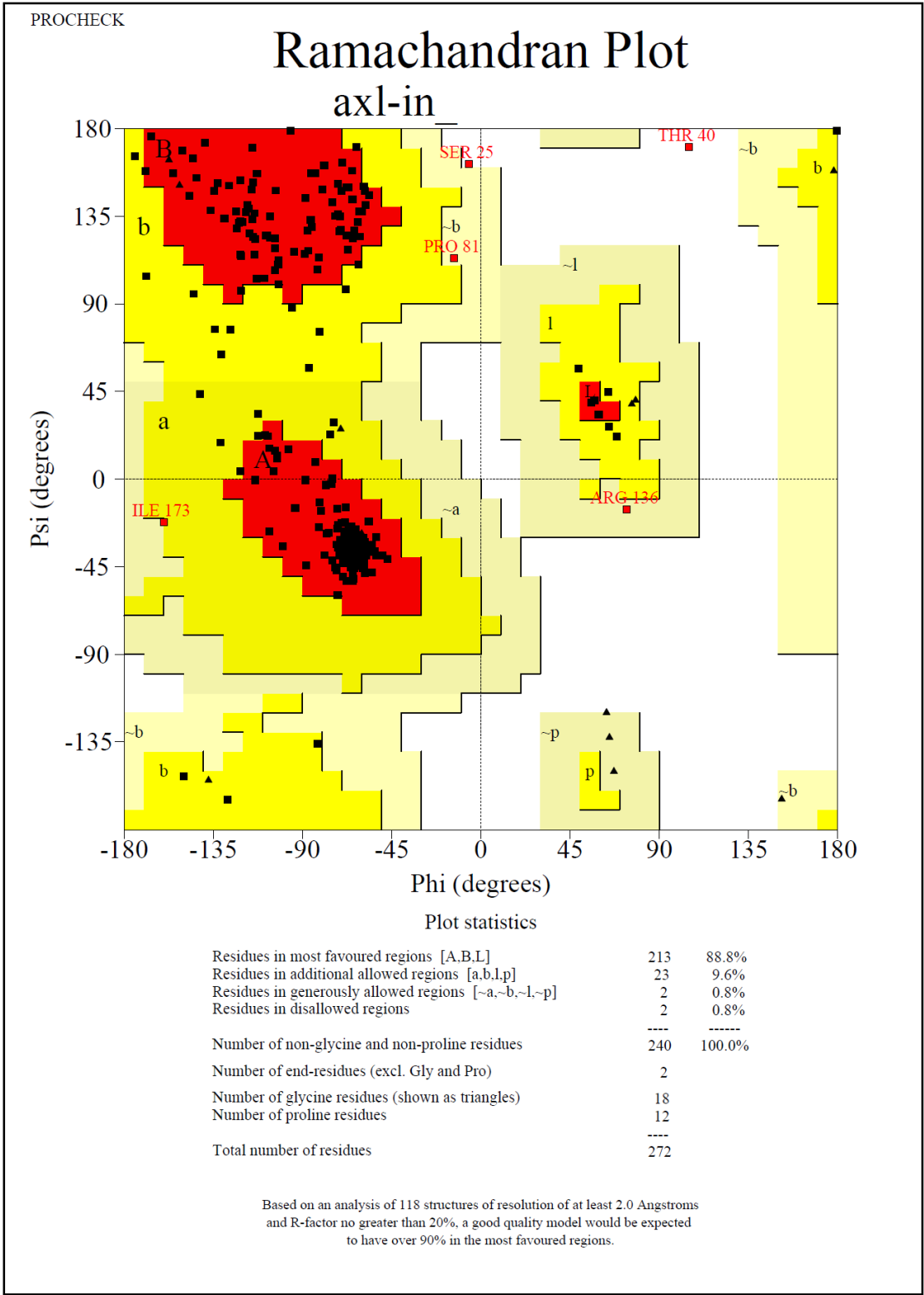
# Supplementary Materials

**Figure S1.** Ramachandran plots of the six models built by homology modeling from c-Met template. The three first ones illustrate the structural validation of the DFG-in conformations of Tyro-3, Axl and Mer. The three last ones illustrate the structural validation of the DFG-out conformations of Tyro-3, Axl and Mer.



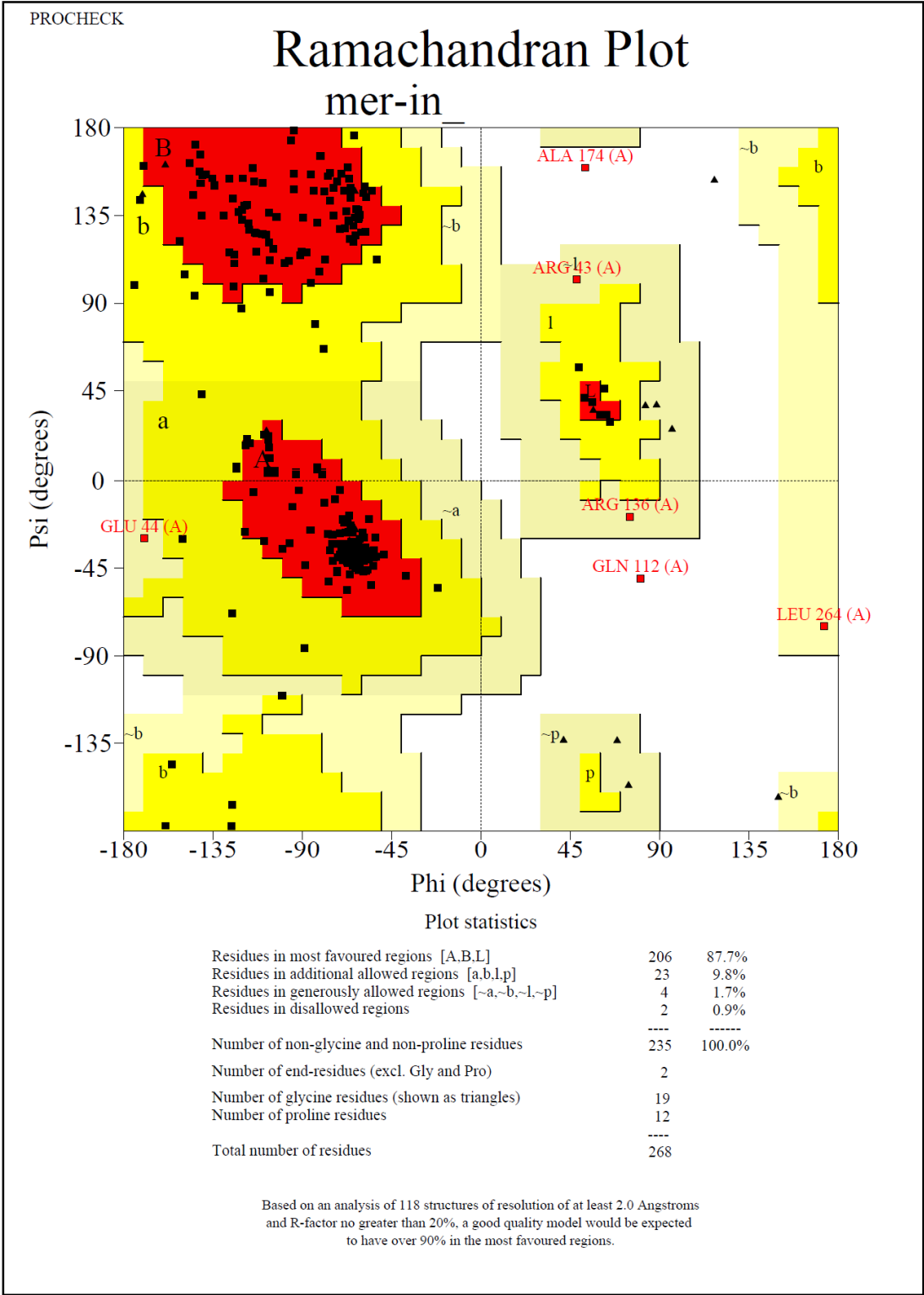
tyro3-in\_

Figure S1. Cont.



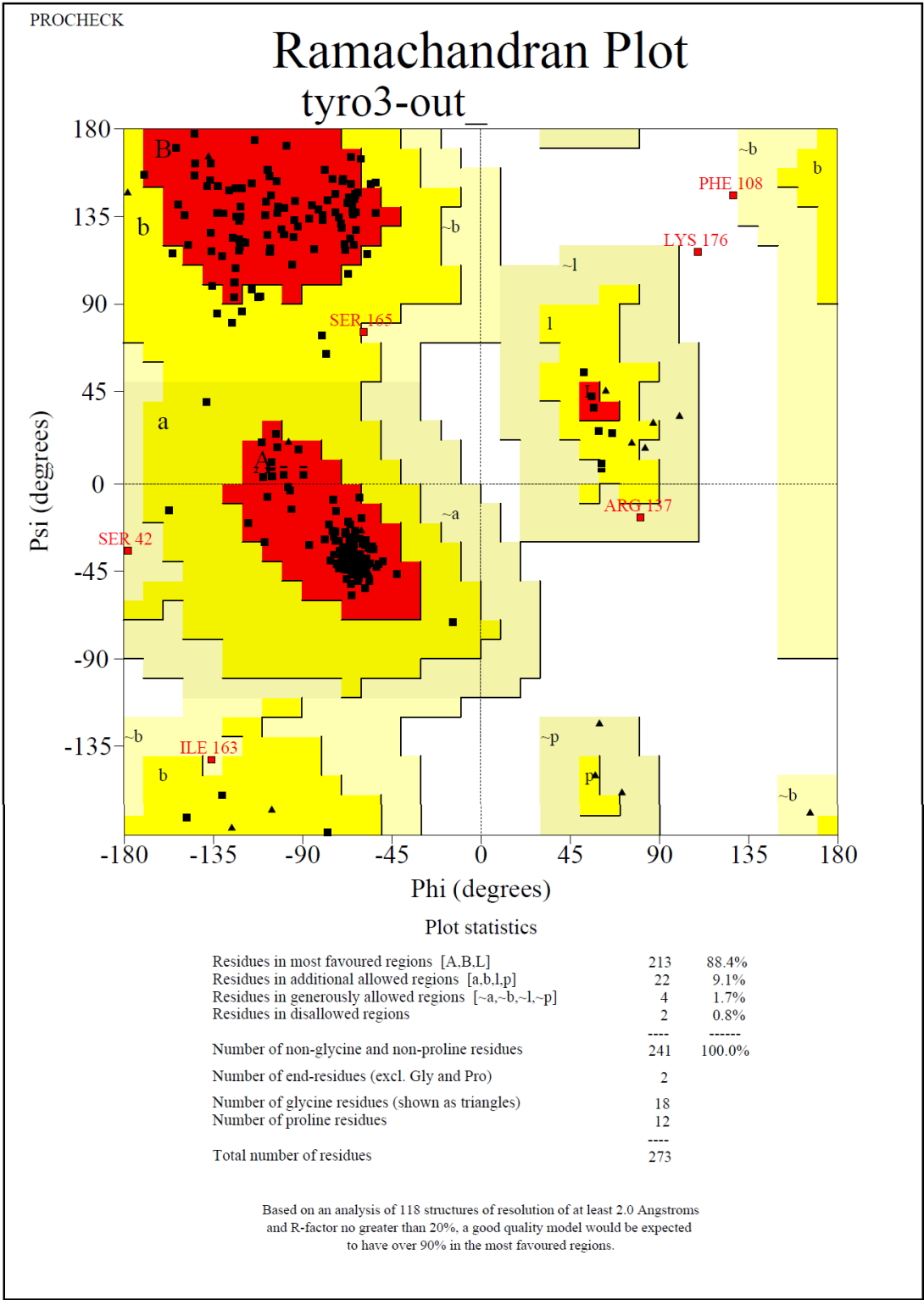
axl-in

Figure S1. Cont.



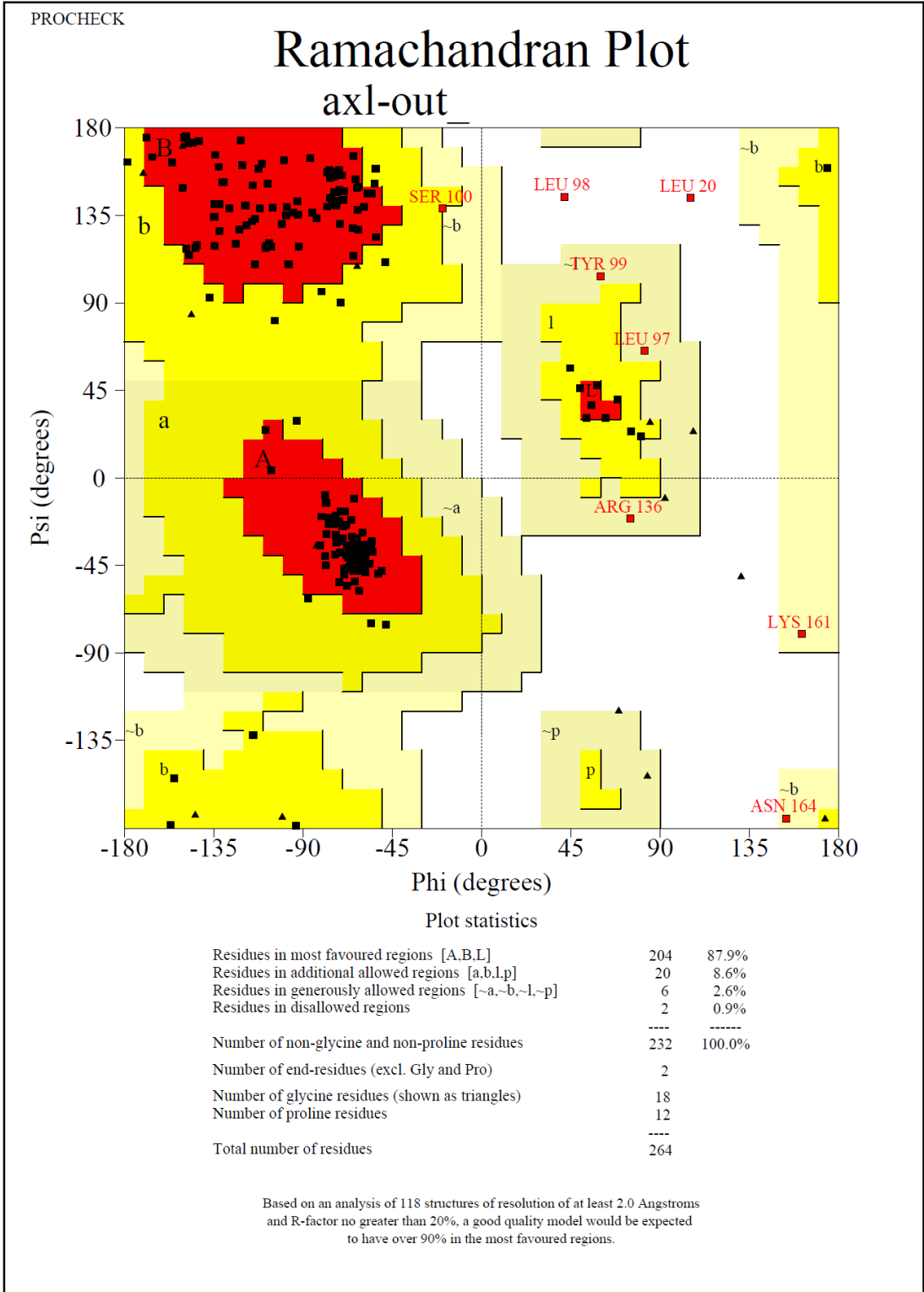
mer-in\_

Figure S1. Cont.



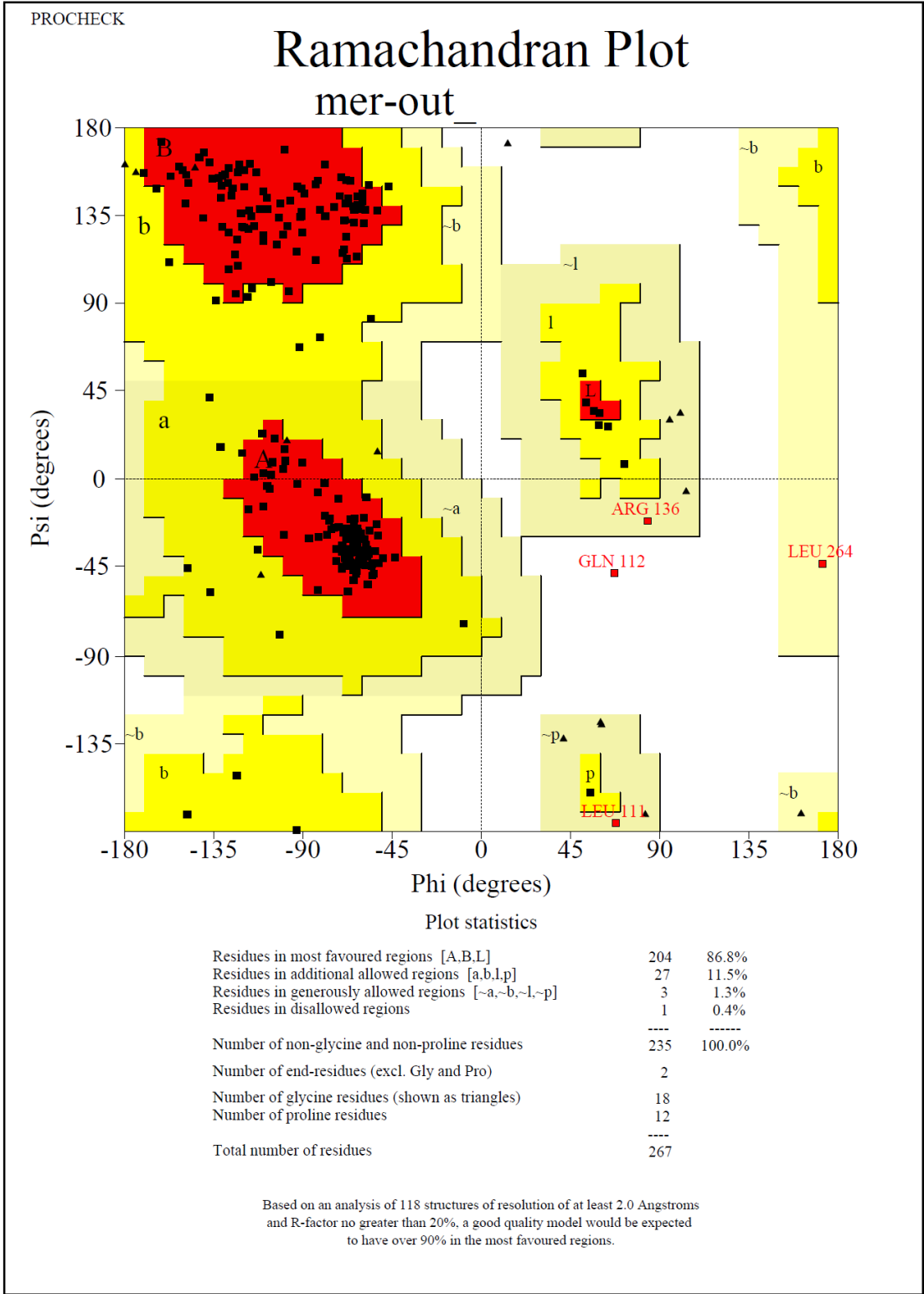
tyro3-out\_

Figure S1. Cont.



axl-out\_

Figure S1. Cont.



mer-out\_

**Table S1.** TAM DFG-in inhibitors from the databases PubChem and CanSAR. Columns 6 to 10 were built using logical functions to compare the pan-TAM and the Tyro-3-, Axl- or Mer-selective inhibitors. *Pubchem ID* is the compound identifier in Pubchem. *Ligand#* is the ligand numbering. Tyro-3 IC<sub>50</sub>, Axl IC<sub>50</sub> and Mer IC<sub>50</sub>: the ligand IC<sub>50</sub> values against Tyro-3, Axl and Mer, respectively. Ratio is defined as: ((Tyro-3 IC<sub>50</sub> \* Axl IC<sub>50</sub>)/Mer IC<sub>50</sub>). *PAN* describes the pan character of the inhibitor: if the inhibitor is a pan-TAM inhibitor, then the value is “TRUE”; if not, the value is “FALSE”. *Tyro-3-Selective*, *Axl-Selective* and *Mer-Selective* all describe the selectivity of the inhibitors: for instance, if the inhibitor is Tyro-3 selective, then the value for the column “Tyro-3 selective” is “TRUE”.

| Pubchem ID | Ligand # | Tyro-3 IC <sub>50</sub> | Axl IC <sub>50</sub> | Mer IC <sub>50</sub> | Ratio     | Pan   | Tyro-3 Selective | Axl Selective | Mer Selective |
|------------|----------|-------------------------|----------------------|----------------------|-----------|-------|------------------|---------------|---------------|
| 68212759   | 4        | 18                      | 4,1                  | 13                   | 0,44      | TRUE  | FALSE            | FALSE         | FALSE         |
| 5329102    | 5        | 49                      | 9                    | 26                   | 0,65      | TRUE  | FALSE            | FALSE         | FALSE         |
| 71552942   | 97       | 70                      | 3990                 | 775                  | 0,47      | FALSE | TRUE             | FALSE         | FALSE         |
| 70789756   | 104      | 400                     | 5700                 | 4680                 | 0,10      | FALSE | TRUE             | FALSE         | FALSE         |
| 57395116   | 119      | 246                     | 18400                | 2340                 | 0,83      | FALSE | TRUE             | FALSE         | FALSE         |
| 71552941   | 91       | 360                     | 3200                 | 1920                 | 0,31      | FALSE | TRUE             | FALSE         | FALSE         |
| 57395117   | 126      | 189                     | 23800                | 970                  | 4,78      | FALSE | TRUE             | FALSE         | FALSE         |
| 68212798   | 33       | 60                      | 85                   | 1,1                  | 4 214,88  | FALSE | FALSE            | FALSE         | TRUE          |
| 68212462   | 36       | 160                     | 110                  | 1,2                  | 12222,22  | FALSE | FALSE            | FALSE         | TRUE          |
| 72192165   | 48       | 280                     | 260                  | 5,2                  | 2692,31   | FALSE | FALSE            | FALSE         | TRUE          |
| 73211763   | 49       | 100                     | 270                  | 1,7                  | 9342,56   | FALSE | FALSE            | FALSE         | TRUE          |
| 72793332   | 55       | 370                     | 370                  | 8                    | 2139,06   | FALSE | FALSE            | FALSE         | TRUE          |
| 72551073   | 57       | 400                     | 400                  | 2,1                  | 36281,18  | FALSE | FALSE            | FALSE         | TRUE          |
| 72551074   | 61       | 530                     | 480                  | 9                    | 3140,74   | FALSE | FALSE            | FALSE         | TRUE          |
| 72793399   | 62       | 700                     | 530                  | 6,3                  | 9347,44   | FALSE | FALSE            | FALSE         | TRUE          |
| 72792971   | 63       | 84                      | 550                  | 1,8                  | 14259,26  | FALSE | FALSE            | FALSE         | TRUE          |
| 72793256   | 64       | 480                     | 560                  | 4,1                  | 15990,48  | FALSE | FALSE            | FALSE         | TRUE          |
| 72547637   | 67       | 1200                    | 610                  | 11                   | 6049,59   | FALSE | FALSE            | FALSE         | TRUE          |
| 72792560   | 79       | 810                     | 930                  | 12                   | 5231,25   | FALSE | FALSE            | FALSE         | TRUE          |
| 72793608   | 80       | 21900                   | 1100                 | 27                   | 33045,27  | FALSE | FALSE            | FALSE         | TRUE          |
| 72551069   | 86       | 2200                    | 1700                 | 23                   | 7069,94   | FALSE | FALSE            | FALSE         | TRUE          |
| 72547638   | 87       | 1700                    | 1900                 | 24                   | 5607,64   | FALSE | FALSE            | FALSE         | TRUE          |
| 72793252   | 90       | 6700                    | 3000                 | 67                   | 4477,61   | FAUX  | FALSE            | FALSE         | TRUE          |
| 72793179   | 92       | 2930                    | 3460                 | 44                   | 5236,47   | FALSE | FALSE            | FALSE         | TRUE          |
| 72793255   | 98       | 1900                    | 4300                 | 8,4                  | 115787,98 | FALSE | FALSE            | FALSE         | TRUE          |
| 72793611   | 99       | 6700                    | 4300                 | 59                   | 8276,36   | FALSE | FALSE            | FALSE         | TRUE          |
| 72793610   | 105      | 5100                    | 5700                 | 86                   | 3930,50   | FALSE | FALSE            | FALSE         | TRUE          |
| 72548104   | 110      | 4300                    | 9000                 | 47                   | 17519,24  | FALSE | FALSE            | FALSE         | TRUE          |
| 68212509   | 1        | 5,9                     | 1,4                  | 0,15                 | 367,11    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212505   | 2        | 22                      | 3,7                  | 0,76                 | 140,93    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212482   | 3        | 2,9                     | 4                    | 0,25                 | 185,60    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212480   | 6        | 14                      | 12                   | 1,8                  | 51,85     | FALSE | FALSE            | FALSE         | FALSE         |
| 68212724   | 7        | 260                     | 14                   | 18                   | 11,23     | FALSE | FALSE            | FALSE         | FALSE         |
| 70681780   | 8        | 150                     | 16                   | 3                    | 266,67    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212361   | 9        | 410                     | 36                   | 25                   | 23,62     | FALSE | FALSE            | FALSE         | FALSE         |

Table S1. *Cont.*

| Pubchem ID | Ligand # | Tyro-3 IC <sub>50</sub> | Axl IC <sub>50</sub> | Mer IC <sub>50</sub> | Ratio    | Pan   | Tyro-3 Selective | Axl Selective | Mer Selective |
|------------|----------|-------------------------|----------------------|----------------------|----------|-------|------------------|---------------|---------------|
| 53355503   | 10       | 48                      | 37                   | 2,9                  | 211,18   | FALSE | FALSE            | FALSE         | FALSE         |
| 72792907   | 11       | 24                      | 38                   | 0,69                 | 1915,56  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212746   | 12       | 75                      | 38                   | 8,2                  | 42,39    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212733   | 13       | 370                     | 38                   | 10                   | 140,60   | FALSE | FALSE            | FALSE         | FALSE         |
| 71289225   | 14       | 27                      | 42                   | 1                    | 1134,00  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212411   | 15       | 22                      | 46                   | 0,65                 | 2395,27  | FALSE | FALSE            | FALSE         | FALSE         |
| 70692345   | 16       | 77                      | 47                   | 14                   | 18,46    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212395   | 17       | 120                     | 50                   | 56                   | 1,91     | FALSE | FALSE            | FALSE         | FALSE         |
| 71289211   | 18       | 47                      | 55                   | 1,1                  | 2136,36  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212539   | 19       | 27                      | 59                   | 3,5                  | 130,04   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212791   | 20       | 340                     | 59                   | 10                   | 200,60   | FALSE | FALSE            | FALSE         | FALSE         |
| 71552696   | 21       | 270                     | 61                   | 126                  | 1,04     | FALSE | FALSE            | FALSE         | FALSE         |
| 71289190   | 22       | 35                      | 62                   | 1,8                  | 669,75   | FALSE | FALSE            | FALSE         | FALSE         |
| 72792563   | 23       | 21                      | 63                   | 1,7                  | 457,79   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212765   | 24       | 31                      | 67                   | 0,8                  | 3245,31  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212514   | 25       | 28                      | 69                   | 1,2                  | 1341,67  | FALSE | FALSE            | FALSE         | FALSE         |
| 72792909   | 26       | 21                      | 70                   | 0,81                 | 2240,51  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212461   | 27       | 47                      | 71                   | 1,8                  | 1029,94  | FALSE | FALSE            | FALSE         | FALSE         |
| 72792564   | 28       | 28                      | 72                   | 0,7                  | 4114,29  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212799   | 29       | 38                      | 75                   | 1,1                  | 2355,37  | FALSE | FALSE            | FALSE         | FALSE         |
| 67471113   | 30       | 1400                    | 81                   | 56                   | 36,16    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212760   | 31       | 2800                    | 83                   | 210                  | 5,27     | FALSE | FALSE            | FALSE         | FALSE         |
| 72792908   | 32       | 33                      | 84                   | 1,3                  | 1640,24  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212757   | 34       | 71                      | 100                  | 5,8                  | 211,06   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212768   | 35       | 35                      | 110                  | 4                    | 240,63   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212426   | 37       | 68                      | 120                  | 3,2                  | 796,88   | FALSE | FALSE            | FALSE         | FALSE         |
| 72792562   | 38       | 36                      | 130                  | 1,1                  | 3867,77  | FALSE | FALSE            | FALSE         | FALSE         |
| 71289192   | 39       | 130                     | 140                  | 18                   | 56,17    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212353   | 40       | 1500                    | 150                  | 120                  | 15,63    | FALSE | FALSE            | FALSE         | FALSE         |
| 72792906   | 41       | 94                      | 170                  | 3,4                  | 1382,35  | FALSE | FALSE            | FALSE         | FALSE         |
| 72792972   | 42       | 58                      | 180                  | 4,5                  | 515,56   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212755   | 43       | 80                      | 180                  | 13                   | 85,21    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793606   | 44       | 88                      | 180                  | 2,8                  | 2020,41  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212446   | 45       | 82                      | 190                  | 50                   | 6,23     | FALSE | FALSE            | FALSE         | FALSE         |
| 70681769   | 46       | 2100                    | 220                  | 170                  | 15,99    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793607   | 47       | 110                     | 260                  | 3,9                  | 1880,34  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793609   | 50       | 940                     | 300                  | 73                   | 52,92    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212410   | 51       | 45                      | 350                  | 1,1                  | 13016,53 | FALSE | FALSE            | FALSE         | FALSE         |
| 68212409   | 52       | 430                     | 360                  | 54                   | 53,09    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212489   | 53       | 450                     | 360                  | 62                   | 42,14    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793397   | 54       | 240                     | 370                  | 6,7                  | 1978,17  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212780   | 56       | 13000                   | 380                  | 860                  | 6,68     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793111   | 58       | 80                      | 430                  | 14                   | 175,51   | FALSE | FALSE            | FALSE         | FALSE         |
| 71289195   | 59       | 280                     | 450                  | 23                   | 238,19   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793605   | 60       | 270                     | 460                  | 6,3                  | 3129,25  | FALSE | FALSE            | FALSE         | FALSE         |

Table S1. *Cont.*

| Pubchem ID | Ligand # | Tyro-3 IC <sub>50</sub> | Axl IC <sub>50</sub> | Mer IC <sub>50</sub> | Ratio    | Pan   | Tyro-3 Selective | Axl Selective | Mer Selective |
|------------|----------|-------------------------|----------------------|----------------------|----------|-------|------------------|---------------|---------------|
| 72793337   | 65       | 450                     | 570                  | 14                   | 1308,67  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793257   | 66       | 540                     | 580                  | 13                   | 1853,25  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212763   | 68       | 4300                    | 610                  | 400                  | 16,39    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212406   | 69       | 810                     | 620                  | 47                   | 227,34   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793105   | 70       | 440                     | 650                  | 19                   | 792,24   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212421   | 71       | 250                     | 660                  | 140                  | 8,42     | FALSE | FALSE            | FALSE         | FALSE         |
| 68212479   | 72       | 11000                   | 690                  | 1400                 | 3,87     | FALSE | FALSE            | FALSE         | FALSE         |
| 68212750   | 73       | 5400                    | 750                  | 530                  | 14,42    | FALSE | FALSE            | FALSE         | FALSE         |
| 71289209   | 74       | 320                     | 780                  | 18                   | 770,37   | FALSE | FALSE            | FALSE         | FALSE         |
| 72547636   | 75       | 16200                   | 780                  | 37                   | 9230,09  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793400   | 76       | 570                     | 790                  | 14                   | 2297,45  | FALSE | FALSE            | FALSE         | FALSE         |
| 72792973   | 77       | 280                     | 830                  | 18                   | 717,28   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793334   | 78       | 660                     | 880                  | 15                   | 2581,33  | FALSE | FALSE            | FALSE         | FALSE         |
| 72547635   | 81       | 30000                   | 1200                 | 150                  | 1600,00  | FALSE | FALSE            | FALSE         | FALSE         |
| 72792975   | 82       | 390                     | 1280                 | 72                   | 96,30    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212498   | 83       | 370                     | 1400                 | 74                   | 94,59    | FALSE | FALSE            | FALSE         | FALSE         |
| 72792974   | 84       | 430                     | 1580                 | 34                   | 587,72   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793335   | 85       | 830                     | 1700                 | 29                   | 1677,76  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212779   | 88       | 30000                   | 2400                 | 2400                 | 12,50    | FALSE | FALSE            | FALSE         | FALSE         |
| 72792977   | 89       | 1340                    | 2790                 | 200                  | 93,47    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793047   | 93       | 2580                    | 3530                 | 170                  | 315,13   | FALSE | FALSE            | FALSE         | FALSE         |
| 72792976   | 94       | 1370                    | 3700                 | 160                  | 198,01   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793336   | 95       | 1500                    | 3800                 | 39                   | 3747,53  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793046   | 96       | 6850                    | 3920                 | 540                  | 92,09    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212528   | 100      | 30000                   | 4600                 | 7000                 | 2,82     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793466   | 101      | 620                     | 4700                 | 37                   | 2128,56  | FALSE | FALSE            | FALSE         | FALSE         |
| 68212789   | 102      | 730                     | 5000                 | 130                  | 215,98   | FALSE | FALSE            | FALSE         | FALSE         |
| 56835089   | 103      | 598                     | 5250                 | 2440                 | 0,53     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793048   | 106      | 1590                    | 6180                 | 50                   | 3930,48  | FALSE | FALSE            | FALSE         | FALSE         |
| 71289188   | 107      | 290                     | 6500                 | 9,7                  | 20034,01 | FALSE | FALSE            | FALSE         | FALSE         |
| 72547868   | 108      | 2300                    | 7400                 | 180                  | 525,31   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793106   | 109      | 370                     | 8040                 | 44                   | 1536,57  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793042   | 111      | 4910                    | 9890                 | 1130                 | 38,03    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793468   | 112      | 2000                    | 10700                | 62                   | 5567,12  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793469   | 113      | 2000                    | 12600                | 110                  | 2082,64  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793467   | 114      | 1600                    | 14000                | 140                  | 1142,86  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793178   | 115      | 6140                    | 15000                | 220                  | 1902,89  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793333   | 116      | 17900                   | 16600                | 230                  | 5617,01  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793536   | 117      | 30000                   | 16600                | 2400                 | 86,46    | FALSE | FALSE            | FALSE         | FALSE         |
| 68212494   | 118      | 17000                   | 17000                | 4500                 | 14,27    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793177   | 120      | 8940                    | 18500                | 320                  | 1615,14  | FALSE | FALSE            | FALSE         | FALSE         |
| 57396882   | 121      | 476                     | 19400                | 6930                 | 0,19     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793109   | 122      | 1160                    | 20300                | 83                   | 3418,20  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793043   | 123      | 4060                    | 20800                | 600                  | 234,58   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793533   | 124      | 4100                    | 21000                | 620                  | 223,99   | FALSE | FALSE            | FALSE         | FALSE         |

Table S1. Cont.

| Pubchem ID | Ligand # | Tyro-3 IC <sub>50</sub> | Axl IC <sub>50</sub> | Mer IC <sub>50</sub> | Ratio    | Pan   | Tyro-3 Selective | Axl Selective | Mer Selective |
|------------|----------|-------------------------|----------------------|----------------------|----------|-------|------------------|---------------|---------------|
| 70686029   | 125      | 75000                   | 22000                | 2800                 | 210,46   | FALSE | FALSE            | FALSE         | FALSE         |
| 68212766   | 127      | 720                     | 26000                | 100                  | 1872,00  | FALSE | FALSE            | FALSE         | FALSE         |
| 70696465   | 128      | 30000                   | 30000                | 28000                | 1,15     | FALSE | FALSE            | FALSE         | FALSE         |
| 59604787   | 130      | 10000                   | 10000                | 10000                | 1,00     | FALSE | FALSE            | FALSE         | FALSE         |
| 66553589   | 131      | 10000                   | 10000                | 10000                | 1,00     | FALSE | FALSE            | FALSE         | FALSE         |
| 70697396   | 132      | 30000                   | 10000                | 2200                 | 61,98    | FALSE | FALSE            | FALSE         | FALSE         |
| 54915268   | 133      | 30000                   | 10000                | 3000                 | 33,33    | FALSE | FALSE            | FALSE         | FALSE         |
| 72793110   | 134      | 300                     | 30000                | 110                  | 743,80   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793532   | 135      | 19500                   | 30000                | 1000                 | 585,00   | FALSE | FALSE            | FALSE         | FALSE         |
| 72547864   | 136      | 30000                   | 30000                | 120                  | 62500,00 | FALSE | FALSE            | FALSE         | FALSE         |
| 72793534   | 137      | 30000                   | 30000                | 170                  | 31141,87 | FALSE | FALSE            | FALSE         | FALSE         |
| 72793107   | 138      | 30000                   | 30000                | 380                  | 6232,69  | FALSE | FALSE            | FALSE         | FALSE         |
| 72793401   | 139      | 30000                   | 30000                | 590                  | 2585,46  | FALSE | FALSE            | FALSE         | FALSE         |
| 70695379   | 140      | 30000                   | 30000                | 2400                 | 156,25   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793254   | 141      | 30000                   | 30000                | 2500                 | 144,00   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793045   | 142      | 30000                   | 30000                | 2700                 | 123,46   | FALSE | FALSE            | FALSE         | FALSE         |
| 72793253   | 143      | 30000                   | 30000                | 5900                 | 25,85    | FALSE | FALSE            | FALSE         | FALSE         |
| 70681768   | 144      | 30000                   | 30000                | 9600                 | 9,77     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793535   | 145      | 30000                   | 30000                | 9900                 | 9,18     | FALSE | FALSE            | FALSE         | FALSE         |
| 72551070   | 146      | 30000                   | 30000                | 12600                | 5,67     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793108   | 147      | 30000                   | 30000                | 16500                | 3,31     | FALSE | FALSE            | FALSE         | FALSE         |
| 72548105   | 148      | 30000                   | 30000                | 30000                | 1,00     | FALSE | FALSE            | FALSE         | FALSE         |
| 72792559   | 149      | 30000                   | 30000                | 30000                | 1,00     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793044   | 150      | 30000                   | 30000                | 30000                | 1,00     | FALSE | FALSE            | FALSE         | FALSE         |
| 72793612   | 151      | 30000                   | 30000                | 30000                | 1,00     | FALSE | FALSE            | FALSE         | FALSE         |

**Table S2.** TAM DFG-out inhibitors from the databases PubChem and CanSAR. *Pubchem ID* is the compound identifier in Pubchem. *Ligand#* is the ligand numbering. Tyro-3 IC<sub>50</sub>, Axl IC<sub>50</sub> and Mer IC<sub>50</sub>: the ligand IC<sub>50</sub> values against Tyro-3, Axl and Mer, respectively. Ratio is defined as: ((Tyro-3 IC<sub>50</sub> \* Axl IC<sub>50</sub>)/Mer IC<sub>50</sub>). *PAN* describes the pan character of the inhibitor: if the inhibitor is a pan-TAM inhibitor, then the value is “TRUE”; if not, the value is “FALSE”. *Tyro-3-Selective*, *Axl-Selective* and *Mer-Selective* all describe the selectivity of the inhibitors: for instance, if the inhibitor is Tyro-3 selective, then the value for the column “Tyro-3 selective” is “TRUE”.

| CID      | Ligand 3 | Tyro3                 | AXL                   | MER                   | PAN   | Selective Tyro3 | Selective Axl | Selective Mer |
|----------|----------|-----------------------|-----------------------|-----------------------|-------|-----------------|---------------|---------------|
|          |          | Kd(nM)                | Kd(nM)                | Kd(nM)                |       |                 |               |               |
| 71579391 | 155      | 900                   | 2100                  | 190                   | FALSE | FALSE           | FALSE         | TRUE          |
| 71579393 | 156      | 2900                  | 170                   | 260                   | FALSE | FALSE           | FALSE         | FALSE         |
| 71579392 | 153      | 200                   | 39                    | 42                    | FALSE | FALSE           | FALSE         | FALSE         |
|          |          | IC <sub>50</sub> (nM) | IC <sub>50</sub> (nM) | IC <sub>50</sub> (nM) |       |                 |               |               |
| 24794418 | 154      | 4.3                   | 1.1                   | 14                    | PAN   | FALSE           | FALSE         | FALSE         |
| 44603533 | 152      | 28                    | 2                     | 10                    | PAN   | FALSE           | FALSE         | FALSE         |