

**Table S1.** PDZ domains that were cloned from mouse cDNA. The first column indicates the name of the full-length protein from which the PDZ domain was derived and the numbers in parentheses refer to the PDZ domain number and the total number of PDZ domains in the full-length sequence (counting from the amino-terminus). The second and third columns provide the sequence identifier or accession number for reference in the SMART database. The fourth column indicates the amino acids in the full-length protein that are included in the PDZ domain construct. The fifth column provides an assessment of the quality of the recombinant protein after purification: NP indicates that the protein was not pure as judged by SDS polyacrylamide gel electrophoresis (all other PDZ domains were considered pure); percentages refer to the percentage of the purified protein that was monomeric as judged by analytical gel filtration; PDZ domains that were found to be dimeric are indicated accordingly. The sixth column indicates which PDZ domains were found to interact with at least one peptide in the training set by fluorescence polarization and the last column indicates which PDZ domains were included in the predictive model.

| Name                        | SMART (Genomic)    | SMART (Normal)     | PDZ       | Quality | FP  | Model |
|-----------------------------|--------------------|--------------------|-----------|---------|-----|-------|
| $\alpha$ 1-syntrophin (1/1) | UPI0000566AF6      |                    | 90-164    | >95%    | Yes | Yes   |
| A330043P19 (1/1)            |                    | Q3UUE0             | 118-190   | D       |     |       |
| Acz (1/1)                   | ENSMUSP00000030691 |                    | 4417-4496 | >95%    |     |       |
| Ahnak (1/1)                 |                    | Q8R2L7             | 20-91     | >95%    |     |       |
| ALS2 (1/1)                  |                    | UPI000056455F      | 161-234   | NP      |     |       |
| Arhgef11 (1/1)              | UPI0000565AD6      |                    | 54-122    | NP      |     |       |
| $\beta$ 1-syntrophin (1/1)  |                    | ENSMUSP00000041294 | 120-194   | >95%    | Yes | Yes   |
| Bimp2 (1/1)                 | Q99KF0             |                    | 578-657   | NP      |     |       |
| Bridge-1 (1/1)              |                    | Q3THC1             | 121-195   | >95%    |     |       |
| Card11 (1/1)                | Q6KAS3             |                    | 693-774   | NP      |     |       |
| Cask (1/1)                  | UPI0000564E9F      |                    | 499-571   | >95%    |     |       |
| Chapsyn-110 (1/3)           | UPI00004357CC      |                    | 93-172    | >95%    |     |       |
| Chapsyn-110 (2/3)           | UPI00004357CC      |                    | 188-267   | >95%    | Yes |       |
| Chapsyn-110 (3/3)           | UPI00004357CC      |                    | 416-489   | >95%    | Yes |       |
| Cipp (3/10)                 | Q63ZW7             |                    | 374-453   | >95%    | Yes | Yes   |
| Cipp (4/10)                 | Q63ZW7             |                    | 570-641   | D       |     |       |
| Cipp (5/10)                 | Q63ZW7             |                    | 696-775   | >95%    | Yes | Yes   |
| Cipp (7/10)                 | Q63ZW7             |                    | 1253-1328 | >95%    |     |       |
| Cipp (8/10)                 | Q63ZW7             |                    | 1480-1555 | >95%    | Yes | Yes   |
| Cipp (9/10)                 | Q63ZW7             |                    | 1577-1650 | >95%    | Yes | Yes   |
| Cipp (10/10)                | Q63ZW7             |                    | 1718-1795 | 89%     | Yes | Yes   |
| Cnk2 (1/1)                  | Q80YA9             |                    | 225-297   | NP      |     |       |
| Cnksr3 (1/1)                | Q8BMA3             |                    | 221-293   | NP      |     |       |
| CYTIP (1/1)                 | Q91VY6             |                    | 86-166    | NP      |     |       |
| D930005D10Rik (1/1)         | Q8C6X2             |                    | 979-1056  | >95%    | Yes | Yes   |
| Delphilin (1/1)             | UPI0000564413      |                    | 104-173   | >95%    |     |       |
| Depdc2 (1/1)                | ENSMUSP00000027056 |                    | 297-370   | NP      |     |       |
| Depdc6 (1/1)                |                    | Q570Y9             | 343-412   | NP      |     |       |
| Dlg5 (1/4)                  | ENSMUSP00000073367 |                    | 280-357   | >95%    |     |       |
| Dlg5 (2/4)                  | ENSMUSP00000073367 |                    | 365-448   | >95%    |     |       |
| Dlg5 (4/4)                  | ENSMUSP00000073367 |                    | 1165-1237 | NP      |     |       |
| Dlgh3 (1/1)                 | Q6XE40             |                    | 145-218   | >95%    | Yes | Yes   |
| Dvl1 (1/1)                  | Q3U2D3             |                    | 260-339   | >95%    | Yes | Yes   |
| Dvl2 (1/1)                  | UPI000056640C      |                    | 276-355   | >95%    | Yes | Yes   |

| Name                        | SMART (Genomic)    | SMART (Normal) | PDZ       | Quality | FP  | Model |
|-----------------------------|--------------------|----------------|-----------|---------|-----|-------|
| Dvl3 (1/1)                  | UPI0000020CFF      |                | 258-337   | >95%    | Yes | Yes   |
| EG435601 (1/2)              | ENSMUSP00000075780 |                | 95-167    | NP      |     |       |
| EG435601 (2/2)              | ENSMUSP00000075780 |                | 220-292   | NP      |     |       |
| Elfin (1/1)                 | ENSMUSP00000064545 |                | 12-85     | >95%    |     |       |
| Enigma (1/1)                |                    | sQ3TJD7-2      | 12-85     | >95%    |     |       |
| Erbin (1/1)                 | UPI0000451CB0      |                | 1368-1448 | >95%    | Yes | Yes   |
| $\gamma$ 1-syntrophin (1/1) | UPI000002273A      |                | 58-132    | >95%    | Yes |       |
| $\gamma$ 2-syntrophin (1/1) | Q925E0             |                | 82-156    | >95%    | Yes | Yes   |
| Gipc3 (1/1)                 | ENSMUSP00000049236 |                | 105-179   | NP      |     |       |
| Gm1582 (1/1)                | UPI0000564CC7      |                | 96-176    | NP      |     |       |
| Gm1582 (2/3)                |                    | UPI0000D670BC  | 980-1057  | >95%    | Yes | Yes   |
| GOPC1 (1/1)                 | UPI000024DA64      |                | 298-372   | >95%    |     |       |
| Grasp (1/1)                 | Q9JJA9             |                | 109-189   | NP      |     |       |
| GRASP55 (1/1)               | Q3U9D2             |                | 5-75      | 69%     | Yes | Yes   |
| Grip1 (1/7)                 | UPI000056534F      |                | 63-137    | >95%    |     |       |
| Grip1 (2/7)                 | UPI000056534F      |                | 161-239   | >95%    |     |       |
| Grip1 (3/7)                 | UPI000056534F      |                | 262-337   | >95%    |     |       |
| Grip1 (4/7)                 | UPI000056534F      |                | 481-561   | >95%    |     |       |
| Grip1 (5/7)                 | UPI000056534F      |                | 582-658   | >95%    |     |       |
| Grip1 (6/7)                 | UPI000056534F      |                | 681-755   | >95%    | Yes | Yes   |
| Grip1 (7/7)                 | UPI000056534F      |                | 1014-1086 | >95%    |     |       |
| Grip2 (1/6)                 | ENSMUSP00000078312 |                | 62-136    | >95%    |     |       |
| Grip2 (2/6)                 | ENSMUSP00000078312 |                | 161-239   | NP      |     |       |
| Grip2 (4/6)                 | ENSMUSP00000078312 |                | 426-506   | >95%    |     |       |
| Grip2 (5/7)                 |                    | UPI00001E3EA7  | 575-650   | >95%    | Yes | Yes   |
| Grip2 (6/6)                 | ENSMUSP00000078312 |                | 626-699   | >95%    |     |       |
| Harmonin (1/3)              | UPI000002112F      |                | 96-168    | NP      |     |       |
| Harmonin (2/3)              | UPI000002112F      |                | 220-292   | >95%    | Yes | Yes   |
| Harmonin (3/3)              | UPI000002112F      |                | 762-841   | >95%    |     |       |
| HtrA1 (1/1)                 | Q9QZK6             |                | 381-466   | >95%    | Yes | Yes   |
| HtrA2 (1/1)                 | Q9JIY5             |                | 371-445   | NP      |     |       |
| HtrA3 (1/1)                 |                    | UPI0000029B77  | 361-447   | >95%    | Yes | Yes   |
| Interleukin 16 (1/4)        | Q9QZP6             |                | 222-300   | >95%    | Yes | Yes   |
| Interleukin 16 (2/4)        | Q9QZP6             |                | 361-438   | >95%    |     |       |
| Interleukin 16 (3/4)        | Q9QZP6             |                | 1115-1192 | >95%    |     |       |
| Interleukin 16 (4/4)        | Q9QZP6             |                | 1234-1310 | >95%    |     |       |
| LARG (1/1)                  |                    | UPI0000D63612  | 80-148    | >95%    | Yes | Yes   |
| Limk1 (1/1)                 | P53668             |                | 176-258   | >95%    |     |       |
| Limk2 (1/1)                 | O54785             |                | 161-239   | NP      |     |       |
| LIN-7A (1/1)                | Q8JZS0             |                | 116-190   | >95%    | Yes | Yes   |
| Lin7c (1/1)                 | Q3UX93             |                | 101-175   | >95%    | Yes | Yes   |
| Lnx1 (1/4)                  | UPI000056422F      |                | 288-363   | NP      |     |       |
| Lnx1 (2/4)                  | UPI000056422F      |                | 395-468   | >95%    | Yes | Yes   |
| Lnx1 (3/4)                  | UPI000056422F      |                | 517-594   | >95%    |     |       |
| Lnx1 (4/4)                  | UPI000056422F      |                | 647-724   | NP      |     |       |
| Lnx2 (1/4)                  | UPI000002149A      |                | 242-317   | NP      |     |       |
| Lnx2 (2/4)                  | UPI000002149A      |                | 348-421   | NP      |     |       |
| Lnx2 (4/4)                  | UPI000002149A      |                | 606-683   | NP      |     |       |

| Name             | SMART (Genomic)    | SMART (Normal) | PDZ       | Quality | FP  | Model |
|------------------|--------------------|----------------|-----------|---------|-----|-------|
| Lrrc7 (1/1)      | ENSMUSP00000029826 |                | 1408-1488 | >95%    | Yes | Yes   |
| Magi-1 (1/6)     | Q6RHR9             |                | 26-105    | >95%    |     |       |
| Magi-1 (2/6)     | Q6RHR9             |                | 472-548   | >95%    | Yes | Yes   |
| Magi-1 (3/6)     | Q6RHR9             |                | 643-715   | NP      |     |       |
| Magi-1 (4/6)     | Q6RHR9             |                | 841-917   | >95%    | Yes | Yes   |
| Magi-1 (6/6)     | Q6RHR9             |                | 1140-1214 | >95%    | Yes | Yes   |
| Magi-2 (2/6)     | ENSMUSP00000040462 |                | 433-509   | >95%    | Yes |       |
| Magi-2 (3/6)     | ENSMUSP00000040462 |                | 612-682   | >95%    |     |       |
| Magi-2 (4/6)     | ENSMUSP00000040462 |                | 788-864   | >95%    |     |       |
| Magi-2 (5/6)     | ENSMUSP00000040462 |                | 931-1012  | >95%    | Yes | Yes   |
| Magi-2 (6/6)     | ENSMUSP00000040462 |                | 1150-1224 | >95%    | Yes | Yes   |
| Magi-3 (1/5)     | ENSMUSP00000088183 |                | 84-160    | >95%    | Yes |       |
| Magi-3 (1/6)     |                    | Q9EQJ9         | 27-108    | NP      |     |       |
| Magi-3 (2/5)     | ENSMUSP00000088183 |                | 252-322   | >95%    | Yes | Yes   |
| Magi-3 (3/5)     | ENSMUSP00000088183 |                | 400-476   | >95%    |     |       |
| Magi-3 (4/5)     | ENSMUSP00000088183 |                | 524-602   | NP      |     |       |
| Magi-3 (5/5)     | ENSMUSP00000088183 |                | 693-767   | >95%    | Yes | Yes   |
| Mals2 (1/1)      | ENSMUSP00000003971 |                | 101-175   | >95%    | Yes |       |
| Mast1 (1/1)      | ENSMUSP00000073967 |                | 977-1057  | NP      |     |       |
| Mast2 (1/1)      | ENSMUSP00000003908 |                | 1056-1136 | NP      |     |       |
| Mast3 (1/1)      | ENSMUSP00000071536 |                | 68-148    | NP      |     |       |
| Mast4 (1/1)      | ENSMUSP00000041735 |                | 1147-1227 | NP      |     |       |
| Mint-1 (1/2)     | Q8BMF2             |                | 280-358   | NP      |     |       |
| Mint-1 (2/2)     | Q8BMF2             |                | 372-438   | NP      |     |       |
| Mint-2 (1/2)     | P98084             |                | 578-656   | NP      |     |       |
| Mint-2 (2/2)     | P98084             |                | 670-736   | NP      |     |       |
| Mint-3 (1/2)     | O88888             |                | 400-478   | NP      |     |       |
| Mint-3 (2/2)     | O88888             |                | 492-557   | NP      |     |       |
| Mpp1 (1/1)       | P70290             |                | 80-152    | NP      |     |       |
| Mpp2 (1/1)       | Q9WV34             |                | 149-219   | >95%    |     |       |
| Mpp5 (1/1)       | Q9JLB2             |                | 265-336   | >95%    |     |       |
| Mpp6 (1/1)       | Q9JLB0             |                | 138-208   | >95%    |     |       |
| Mpp7 (1/1)       | Q8BVD5             |                | 147-220   | >95%    | Yes | Yes   |
| MUPP1 (1/13)     | Q8VBX6             |                | 147-225   | >95%    | Yes | Yes   |
| MUPP1 (2/13)     | Q8VBX6             |                | 266-338   | >95%    |     |       |
| MUPP1 (3/13)     | Q8VBX6             |                | 386-464   | NP      |     |       |
| MUPP1 (4/13)     | Q8VBX6             |                | 556-627   | NP      |     |       |
| MUPP1 (5/13)     | Q8VBX6             |                | 701-780   | >95%    | Yes | Yes   |
| MUPP1 (6/13)     | Q8VBX6             |                | 1004-1080 | >95%    |     |       |
| MUPP1 (7/13)     | Q8VBX6             |                | 1148-1231 | NP      |     |       |
| MUPP1 (8/13)     | Q8VBX6             |                | 1346-1421 | >95%    |     |       |
| MUPP1 (9/13)     | Q8VBX6             |                | 1479-1552 | >95%    |     |       |
| MUPP1 (10/13)    | Q8VBX6             |                | 1622-1697 | >95%    | Yes | Yes   |
| MUPP1 (11/13)    | Q8VBX6             |                | 1719-1792 | >95%    | Yes | Yes   |
| MUPP1 (12/13)    | Q8VBX6             |                | 1856-1933 | >95%    | Yes | Yes   |
| MUPP1 (13/13)    | Q8VBX6             |                | 1980-2055 | >95%    | Yes | Yes   |
| Myo18a (1/1)     | ENSMUSP00000090563 |                | 229-311   | NP      |     |       |
| Neurabin-1 (1/1) | Q7TN74             |                | 513-593   | >95%    |     |       |

| Name             | SMART (Genomic)    | SMART (Normal) | PDZ       | Quality | FP  | Model |
|------------------|--------------------|----------------|-----------|---------|-----|-------|
| Neurabin-2 (1/1) | Q6R891             |                | 504-584   | >95%    |     |       |
| NHERF-1 (1/2)    | Q3TG37_            |                | 22-94     | >95%    | Yes | Yes   |
| NHERF-1 (2/2)    | Q3TG37             |                | 157-229   | >95%    |     |       |
| NHERF-2 (2/2)    | UPI0000020C65      |                | 159-231   | >95%    | Yes | Yes   |
| nNOS (1/1)       | ENSMUSP00000083640 |                | 26-100    | >95%    | Yes | Yes   |
| OMP25 (1/1)      | Q8K4F3             |                | 21-100    | >95%    | Yes |       |
| PAR-3 (1/3)      | UPI00000226F8      |                | 282-361   | NP      |     |       |
| PAR-3 (2/3)      | UPI00000226F8      |                | 469-548   | >95%    |     |       |
| PAR-3 (3/3)      | UPI00000226F8      |                | 599-684   | >95%    | Yes | Yes   |
| PAR3B (1/3)      | Q5SV53             |                | 211-291   | >95%    | Yes | Yes   |
| PAR3B (2/3)      | Q5SV53             |                | 391-470   | >95%    |     |       |
| PAR3B (3/3)      | Q5SV53             |                | 507-592   | >95%    |     |       |
| PAR-6 (1/1)      | Q9Z101             |                | 167-250   | NP      |     |       |
| PAR6B (1/1)      | UPI0000194787      |                | 167-250   | >95%    | Yes | Yes   |
| PAR6G (1/1)      | Q9JK84             |                | 168-251   | >95%    |     |       |
| Pdlim3 (1/1)     | O70209             |                | 11-84     | >95%    |     |       |
| Pdlim5 (1/1)     | Q3UGD0             |                | 12-85     | >95%    | Yes | Yes   |
| Pdzk1 (1/4)      | UPI0000026875      |                | 18-90     | >95%    | Yes | Yes   |
| Pdzk1 (2/4)      | UPI0000026875      |                | 143-215   | NP      |     |       |
| Pdzk1 (3/4)      | UPI0000026875      |                | 251-323   | >95%    | Yes | Yes   |
| Pdzk1 (4/4)      | UPI0000026875      |                | 386-458   | >95%    |     |       |
| Pdzk11 (1/1)     | Q9CZG9             |                | 56-128    | >95%    | Yes | Yes   |
| Pdzk2 (1/4)      | UPI00000EA7DC      |                | 58-130    | NP      |     |       |
| Pdzk2 (4/4)      | UPI00000EA7DC      |                | 403-475   | NP      |     |       |
| Pdzk3 (1/1)      | ENSMUSP00000074788 |                | 168-245   | >95%    | Yes | Yes   |
| Pdzk3 (1/2)      | ENSMUSP00000043100 |                | 1144-1221 | >95%    |     |       |
| Pdzk3 (2/2)      | ENSMUSP00000043100 |                | 1271-1349 | >95%    | Yes | Yes   |
| Pdzk3 (3/6)      |                    | UPI0000607441  | 597-675   | NP      |     |       |
| Pdzk3 (4/6)      |                    | UPI0000607441  | 738-817   | >95%    |     |       |
| Pdzk7 (1/1)      | Q8BIA7             |                | 3-84      | >95%    |     |       |
| PDZ-RGS3 (1/1)   | Q9DC04             |                | 26-95     | >95%    | Yes | Yes   |
| Pick1 (1/1)      | UPI000024E9AB      |                | 31-105    | NP      |     |       |
| P-REX1 (1/2)     | Q69ZK0             |                | 643-716   | NP      |     |       |
| P-REX1 (2/2)     | Q69ZK0             |                | 727-798   | NP      |     |       |
| PSD95 (1/3)      | UPI000056640E      |                | 73-152    | >95%    | Yes | Yes   |
| PSD95 (2/3)      | UPI000056640E      |                | 168-247   | >95%    | Yes |       |
| PSD95 (3/3)      | UPI000056640E      |                | 321-394   | >95%    | Yes |       |
| PTP-BL (1/5)     | ENSMUSP00000048119 |                | 1191-1268 | >95%    |     |       |
| PTP-BL (2/5)     | ENSMUSP00000048119 |                | 1463-1540 | >95%    | Yes | Yes   |
| PTP-BL (3/5)     | ENSMUSP00000048119 |                | 1597-1677 | >95%    |     |       |
| PTP-BL (4/5)     | ENSMUSP00000048119 |                | 1871-1943 | >95%    |     |       |
| PTP-BL (5/5)     | ENSMUSP00000048119 |                | 1965-2040 | >95%    |     |       |
| Rapgef2 (1/1)    | UPI0000565ABE      |                | 46-118    | >95%    |     |       |
| Rapgef6 (1/1)    | ENSMUSP00000059299 |                | 540-612   | >95%    |     |       |
| Rgs12 (1/1)      | ENSMUSP00000030984 |                | 29-98     | >95%    |     |       |
| Rhopilin (1/1)   |                    | Q5DTT9         | 533-603   | NP      |     |       |
| Rhpn2 (1/1)      | ENSMUSP00000082692 |                | 505-575   | NP      |     |       |
| Ril (1/1)        | Q5SWV2             |                | 11-84     | >95%    |     |       |

| Name             | SMART (Genomic)    | SMART (Normal) | PDZ       | Quality | FP  | Model |
|------------------|--------------------|----------------|-----------|---------|-----|-------|
| RIM2 (1/1)       | ENSMUSP00000080711 |                | 686-765   | NP      |     |       |
| SAP102 (1/3)     | Q80TH1             |                | 272-351   | NP      |     |       |
| SAP102 (2/3)     | Q80TH1             |                | 367-446   | >95%    | Yes |       |
| SAP102 (3/3)     | Q80TH1             |                | 527-600   | >95%    | Yes | Yes   |
| SAP97 (1/3)      | Q811D0-3           |                | 232-311   | >95%    | Yes | Yes   |
| SAP97 (2/3)      | Q811D0-3           |                | 327-406   | >95%    | Yes |       |
| SAP97 (3/3)      | Q811D0-3           |                | 474-547   | >95%    | Yes | Yes   |
| Scrb1 (1/4)      | Q80U72-3           |                | 722-801   | >95%    | Yes | Yes   |
| Scrb1 (2/4)      | Q80U72-3           |                | 856-936   | >95%    | Yes | Yes   |
| Scrb1 (3/4)      | Q80U72-3           |                | 998-1079  | >95%    | Yes | Yes   |
| Scrb1 (4/4)      | Q80U72-3           |                | 1095-1178 | >95%    |     |       |
| Semcap1 (1/1)    | Q9Z0G0             |                | 141-215   | NP      |     |       |
| Semcap2 (1/1)    | Q9Z2H7             |                | 125-199   | NP      |     |       |
| Semcap3 (1/2)    | UPI0000563B46      |                | 257-339   | >95%    | Yes | Yes   |
| Semcap3 (2/2)    | UPI0000563B46      |                | 429-504   | >95%    |     |       |
| Shank1 (1/1)     | ENSMUSP00000072535 |                | 665-754   | >95%    | Yes | Yes   |
| Shank3 (1/1)     |                    | Q4ACU6         | 579-664   | >95%    | Yes | Yes   |
| Shroom (1/1)     |                    | Q9QXN0         | 35-109    | >95%    | Yes | Yes   |
| Sipa111 (1/1)    | Q8C0T5             |                | 962-1028  | NP      |     |       |
| Sipa112 (1/1)    | UPI00001E4432      |                | 960-1026  | NP      |     |       |
| Sipa113 (1/1)    |                    | Q6A050         | 93-159    | NP      |     |       |
| SLIM (1/1)       | Q8R1G6             |                | 11-84     | >95%    | Yes | Yes   |
| SPA-1 (1/1)      | UPI000024D892      |                | 692-758   | NP      |     |       |
| Synip (1/1)      | Q9WV89             |                | 29-109    | >95%    |     |       |
| Syntenin (1/2)   | O08992             |                | 124-195   | >95%    |     |       |
| Syntenin (2/2)   | O08992             |                | 208-274   | >95%    |     |       |
| Syntenin-2 (1/2) | Q99JZ0             |                | 117-188   | NP      |     |       |
| Syntenin-2 (2/2) | Q99JZ0             |                | 201-267   | NP      |     |       |
| Tiam1 (1/1)      | UPI000019286A      |                | 856-928   | >95%    |     |       |
| Tiam2 (1/1)      | ENSMUSP00000024562 |                | 940-1014  | >95%    | Yes | Yes   |
| TIP-1 (1/1)      | Q9DBG9             |                | 27-113    | >95%    | Yes | Yes   |
| Whirlin (2/3)    | Q5MLF8             |                | 289-361   | >95%    |     |       |
| Whirlin (3/3)    | Q5MLF8             |                | 835-915   | >95%    | Yes | Yes   |
| ZASP (1/1)       | UPI0000564CCF      |                | 57-130    | >95%    |     |       |
| ZO-1 (1/3)       | UPI0000563EF0      |                | 32-110    | >95%    | Yes | Yes   |
| ZO-1 (2/3)       | UPI0000563EF0      |                | 196-264   | D       | Yes | Yes   |
| ZO-1 (3/3)       | UPI0000563EF0      |                | 431-504   | >95%    |     |       |
| ZO-2 (1/3)       | UPI0000565CE1      |                | 18-96     | >95%    | Yes | Yes   |
| ZO-2 (2/3)       | UPI0000565CE1      |                | 296-364   | D       |     |       |
| ZO-2 (3/3)       | UPI0000565CE1      |                | 498-571   | >95%    |     |       |
| ZO-3 (1/3)       | UPI00005652A2      |                | 20-93     | >95%    | Yes | Yes   |
| ZO-3 (2/3)       | UPI00005652A2      |                | 196-264   | NP      |     |       |
| ZO-3 (3/3)       | UPI00005652A2      |                | 378-451   | >95%    |     |       |