|  |  |  |  |
| --- | --- | --- | --- |
| **Sequence accession ID** | **Sequence length (amino acids)** | **Protein kinase domain coordinates** | **Additional domains coordinates** |
| BN1106\_s1255B000313.mRNA-1 | 773 | 1-228; 294-581 |  |
| BN1106\_s255B000346.mRNA-1 | 361 | 32-290 | AGC: 291-361 |
| BN1106\_s380B000255.mRNA-1 | 579 | 250-508 | C2: 61-153  AGC: 509-579 |
| BN1106\_s787B000144.mRNA-1 | 302 | 70-302 |  |
| BN1106\_s8249B000066.mRNA-1 | 782 | 80-338 | AGC: 341-410 |
| BN1106\_s695B000183.mRNA-1 | 1146 | 681-1072 | AGC: 1073-1142 |
| BN1106\_s1617B000258.mRNA-1 | 2071 | 766-1044 | AGC: 1048-1113  PDZ: 1611-1699 |
| BN1106\_s782B000173.mRNA-1 | 359 | 44-301 | AGC: 302-359 |
| BN1106\_s743B000081.mRNA-1 | 345 | 36-292 | AGC: 293-345 |
| BN1106\_s351B000321.mRNA-1 | 644 | 386-644 | cAMP/cGMP binding domain: 17-132; 217-333 |
| BN1106\_s13806B000008.mRNA-1 | 178 | 1-178 |  |
| BN1106\_s390B000187.mRNA-1 | 697 | 392-697 | cAMP/cGMP binding domain: 126-241; 244-358 |
| BN1106\_s42B000586.mRNA-1 | 416 | 115-365 | cAMP/cGMP binding domain: 1-57; 93-167  AGC: 366-416 |
| BN1106\_s800B000489.mRNA-1 | 887 | 575-836 | cAMP/cGMP binding domain: 246-361; 364-493  AGC: 837-887 |
| BN1106\_s1737B000128.mRNA-1 | 1570 | 1-291 | AGC: 235-306 |
| BN1106\_s1502B000070.mRNA-1 | 411 | 82-411 | AGC: 333-411 |
| BN1106\_s3326B000050.mRNA-1 | 287 | 1-219 | AGC: 220-287 |
| BN1106\_s782B000173.mRNA-2 | 286 | 1-212 | AGC: 213-286 |
| BN1106\_s398B000240.mRNA-1 | 503 | 1-262 |  |
| BN1106\_s1891B000136.mRNA-1 | 1054 | 74-355 | AGC: 356-440 |
| BN1106\_s583B000288.mRNA-1 | 217 | 1-164 | AGC: 165-217 |
| BN1106\_s6745B000064.mRNA-1 | 214 | 14-214 |  |
| BN1106\_s111B000535.mRNA-1 | 1505 | 42-295 |  |
| BN1106\_s925B000544.mRNA-1 | 410 | 43-310 |  |
| BN1106\_s2319B000411.mRNA-1 | 381 | 25-298 |  |
| BN1106\_s173B000870.mRNA-1 | 419 | 166-419 |  |
| BN1106\_s293B000320.mRNA-1 | 1219 | 128-379 | Ubiquitin associated domain (UBA): 398-437  Kinase associated domain 1 (KA1): 1170-1219 |
| BN1106\_s5482B000050.mRNA-1 | 402 | 83-335 |  |
| BN1106\_s692B000155.mRNA-1 | 576 | 13-314 |  |
| BN1106\_s1527B000075.mRNA-1 | 984 | 57-308 | Ubiquitin associated domain (UBA): 327-367  Kinase associated domain 1 (KA1): 935-984 |
| BN1106\_s1068B000162.mRNA-1 | 761 | 102-335 | Ubiquitin associated domain (UBA): 353-394 |
| BN1106\_s2852B000175.mRNA-1 | 273 | 16-273 |  |
| BN1106\_s749B000102.mRNA-1 | 195 | 43-195 |  |
| BN1106\_s721B000238.mRNA-1 | 489 | 7-262 |  |
| BN1106\_s1570B000593.mRNA-1 | 1532 | 1-211 | Ubiquitin associated domain (UBA): 229-269  Kinase associated domain 1 (KA1): 1483-1532 |
| BN1106\_s326B000133.mRNA-1 | 626 | 25-277 | POLO box domain: 387-450; 485-568 |
| BN1106\_s32B000335.mRNA-1 | 982 | 392-765 |  |
| BN1106\_s398B000242.mRNA-1 | 346 | 39-293 |  |
| BN1106\_s5169B000150.mRNA-1 | 359 | 25-296 |  |
| BN1106\_s299B000381.mRNA-1 | 865 | 588-839 |  |
| BN1106\_s888B000330.mRNA-1 | 810 | 82-353 |  |
| BN1106\_s1363B000119.mRNA-1 | 1536 | 1-190 | AGC: 191-258  Zinger finger phorbol-ester/DAG-type domain: 820-870  PH domain: 889-1044  Citron homology (CNH) domain: 1079-1357  CRIB domain: 1411-1424 |
| BN1106\_s4678B000131.mRNA-1 | 620 | 1-174 | AGC: 175-242 |
| BN1106\_s13074B000008.mRNA-1 | 282 | 47-282 |  |
| BN1106\_s1073B000173.mRNA-1 | 738 | 461-712 |  |
| BN1106\_s2248B000106.mRNA-1 | 316 | 14-279 |  |
| BN1106\_s1141B000346.mRNA-1 | 462 | 1-269 | AGC: 270-342 |
| BN1106\_s192B000400.mRNA-1 | 167 | 20-167 |  |
| BN1106\_s117B000698.mRNA-1 | 361 | 1-229 |  |
| BN1106\_s1398B000123.mRNA-1 | 153 | 1-110 | AGC: 111-153 |
| BN1106\_s2900B000185.mRNA-1 | 1202 | 907-1181 | CRIB domain: 188-201 |
| BN1106\_s1819B000120.mRNA-1 | 251 | 1-229 |  |
| BN1106\_s934B000321.mRNA-1 | 502 | 1-410 |  |
| BN1106\_s4575B000080.mRNA-1 | 848 | 115-463 |  |
| BN1106\_s179B000157.mRNA-1 | 202 | 6-202 |  |
| BN1106\_s1766B000180.mRNA-1 | 727 | 14-268 |  |
| BN1106\_s8454B000092.mRNA-1 | 193 | 1-183 |  |
| BN1106\_s611B000275.mRNA-1 | 1390 | 483-737 |  |
| BN1106\_s2438B000176.mRNA-1 | 346 | 20-282 |  |
| BN1106\_s2438B000176.mRNA-2 | 354 | 34-290 |  |
| BN1106\_s299B000382.mRNA-1 | 621 | 20-270 |  |
| BN1106\_s749B000103.mRNA-1 | 133 | 1-133 |  |
| BN1106\_s1837B000094.mRNA-1 | 183 | 10-183 |  |
| BN1106\_s2520B000150.mRNA-1 | 386 | 39-322 |  |
| BN1106\_s13806B000008.mRNA-2 | 58 | 1-58 |  |
| BN1106\_s112B001251.mRNA-1 | 2278 | 372-604 |  |
| BN1106\_s2438B000176.mRNA-3 | 271 | 1-207 |  |
| BN1106\_s5153B000062.mRNA-1 | 263 | 36-263 |  |
| BN1106\_s680B000336.mRNA-1 | 468 | 27-367 |  |
| BN1106\_s88B000298.mRNA-1 | 781 | 16-299 |  |
| BN1106\_s1047B000250.mRNA-1 | 1637 | 1335-1599 | Ig-like domain: 136-241 |
| BN1106\_s1661B000091.mRNA-1 | 326 | 10-302 |  |
| BN1106\_s782B000173.mRNA-9 | 65 | 1-65 |  |
| BN1106\_s3109B000183.mRNA-1 | 394 | 44-337 |  |
| BN1106\_s2403B000179.mRNA-1 | 372 | 89-348 |  |
| BN1106\_s2317B000228.mRNA-1 | 452 | 82-419 |  |
| BN1106\_s13806B000008.mRNA-3 | 63 | 1-63 |  |
| BN1106\_s837B000180.mRNA-1 | 512 | 172-475 |  |
| BN1106\_s212B000275.mRNA-1 | 648 | 4-284 |  |
| BN1106\_s1027B000321.mRNA-1 | 1243 | 6-305 |  |
| BN1106\_s391B000318.mRNA-1 | 1025 | 83-339 |  |
| BN1106\_s458B000353.mRNA-1 | 473 | 97-392 |  |
| BN1106\_s2290B000164.mRNA-1 | 196 | 37-196 |  |
| BN1106\_s98B000745.mRNA-1 | 5608 | 4721-4953 | Ig-like domain: 24-118; 129-221; 223-313; 533-622; 637-751; 755-842; 845-931; 1546-1636; 4221-4311; 4975-5063; 5098-5187; 5299-5391; 5442-5528  Fibronectin type-III domain: 1056-1147; 1151-1246; 1347-1441; 1447-1542; 1680-1774; 1780-1878; 2012-2104; 2107-2202 |
| BN1106\_s4607B000058.mRNA-1 | 247 | 1-226 |  |
| BN1106\_s2955B000051.mRNA-1 | 726 | 14-322 |  |
| BN1106\_s1688B000115.mRNA-1 | 529 | 25-306 |  |
| BN1106\_s3451B000192.mRNA-1 | 265 | 23-265 |  |
| BN1106\_s127B000481.mRNA-1 | 707 | 49-362 | POLO box domain: 620-696 |
| BN1106\_s2526B000200.mRNA-1 | 475 | 154-470 |  |
| BN1106\_s3499B000090.mRNA-1 | 929 | 139-427 |  |
| BN1106\_s3307B000096.mRNA-1 | 450 | 9-323 |  |
| BN1106\_s1083B000282.mRNA-1 | 449 | 9-269 |  |
| BN1106\_s2082B000217.mRNA-1 | 379 | 31-333 |  |
| BN1106\_s2536B000131.mRNA-1 | 493 | 1-310 |  |
| BN1106\_s7633B000036.mRNA-1 | 191 | 1-106 |  |
| BN1106\_s7212B000130.mRNA-1 | 1053 | 566-1031 |  |
| BN1106\_s729B000242.mRNA-1 | 464 | 12-359 |  |
| BN1106\_s613B000174.mRNA-1 | 2061 | 1-238 | Citron homology (CNH) domain: 1752-2039 |
| BN1106\_s1095B000228.mRNA-1 | 1975 | 709-1024 | RWD domain: 16-122 |
| BN1106\_s4219B000175.mRNA-4 | 61 | 1-61 |  |
| BN1106\_s3B001031.mRNA-1 | 360 | 1-267 |  |
| BN1106\_s1059B000311.mRNA-1 | 282 | 1-282 |  |
| BN1106\_s4219B000175.mRNA-5 | 56 | 1-56 |  |
| BN1106\_s780B000235.mRNA-1 | 3608 | 2398-2710; 3229-3561 | Ig-like domain: 689-792; 950-1038; 2098-2210; 2272-2377  Fibronectin type-III domain: 1075-1171; 1173-1280; 1611-1710; 1843-1953; 1980-2076; 3058-3154 |
| BN1106\_s370B000278.mRNA-1 | 351 | 40-311 |  |
| BN1106\_s3773B000081.mRNA-1 | 95 | 1-95 |  |
| BN1106\_s1532B000526.mRNA-1 | 1550 | 7-221 |  |
| BN1106\_s4678B000130.mRNA-1 | 367 |  | RGS domain: 34-159 |
| BN1106\_s564B000345.mRNA-1 | 1092 | 200-528 |  |
| BN1106\_s3310B000121.mRNA-1 | 270 | 9-264 |  |
| BN1106\_s255B000346.mRNA-8 | 45 | 1-45 |  |
| BN1106\_s1128B000276.mRNA-1 | 488 | 48-300 |  |
| BN1106\_s854B000120.mRNA-1 | 795 | 33-446 |  |
| BN1106\_s241B000551.mRNA-1 | 974 | 259-569 |  |
| BN1106\_s4346B000160.mRNA-1 | 312 | 1-312 |  |
| BN1106\_s583B000289.mRNA-1 | 128 | 83-128 |  |
| BN1106\_s6447B000110.mRNA-1 | 102 | 18-102 |  |
| BN1106\_s677B000498.mRNA-1 | 2440 | 2070-2424 |  |
| BN1106\_s991B000159.mRNA-1 | 1087 | 1-312 |  |
| BN1106\_s4301B000109.mRNA-1 | 403 | 1-311 |  |
| BN1106\_s1586B000257.mRNA-1 | 268 | 1-240 |  |
| BN1106\_s2091B000372.mRNA-1 | 836 | 278-572 |  |
| BN1106\_s575B000328.mRNA-1 | 316 | 1-258 |  |
| BN1106\_s782B000173.mRNA-13 | 58 | 12-58 |  |
| BN1106\_s4201B000070.mRNA-1 | 533 | 1-235 |  |
| BN1106\_s229B000866.mRNA-1 | 350 | 10-303 |  |
| BN1106\_s1987B000228.mRNA-1 | 536 | 1-280 |  |
| BN1106\_s789B000468.mRNA-1 | 339 | 71-337 | Src homology 2 (SH2) domain: 1-51 |
| BN1106\_s3378B000145.mRNA-1 | 425 | 123-379 |  |
| BN1106\_s681B000537.mRNA-1 | 1009 | 1-211 |  |
| BN1106\_s310B000138.mRNA-1 | 151 | 1-151 |  |
| BN1106\_s2425B000166.mRNA-1 | 780 | 441-774 |  |
| BN1106\_s86B000852.mRNA-1 | 363 | 37-322 |  |
| BN1106\_s398B000242.mRNA-3 | 55 | 1-55 |  |
| BN1106\_s1736B000243.mRNA-1 | 776 | 1-127 |  |
| BN1106\_s2144B000272.mRNA-1 | 787 | 669-787 | Doublecortin domain: 82-168 |
| BN1106\_s29B000538.mRNA-1 | 380 | 37-322 |  |
| BN1106\_s3654B000232.mRNA-1 | 462 | 25-313 |  |
| BN1106\_s691B000066.mRNA-1 | 461 | 1-262 |  |
| BN1106\_s2738B000129.mRNA-1 | 1597 | 217-476 | Src homology 3 (SH3) domain: 38-104  CRIB domain: 692-705 |
| BN1106\_s2438B000176.mRNA-4 | 60 | 1-60 |  |
| BN1106\_s3971B000090.mRNA-1 | 503 | 178-503 |  |
| BN1106\_s1043B000211.mRNA-1 | 437 | 1-329 | 2’,5’ oligoadenylate synthase N-terminal domain: 237-304 |
| BN1106\_s400B000346.mRNA-1 | 500 | 46-312 |  |
| BN1106\_s838B000164.mRNA-1 | 2331 | 153-430 |  |
| BN1106\_s1273B000216.mRNA-1 | 197 | 24-197 |  |
| BN1106\_s4820B000199.mRNA-1 | 1654 | 1279-1654 |  |
| BN1106\_s782B000173.mRNA-3 | 165 | 133-165 |  |
| BN1106\_s3883B000156.mRNA-1 | 613 | 1-155 |  |
| BN1106\_s1536B000290.mRNA-1 | 684 | 353-669 |  |
| BN1106\_s3777B000114.mRNA-1 | 507 | 1-290 |  |
| BN1106\_s310B000139.mRNA-1 | 217 | 1-117 |  |
| BN1106\_s941B000322.mRNA-1 | 401 | 79-334 | Src homology 2 (SH2) domain: 1-54 |
| BN1106\_s1170B000183.mRNA-1 | 420 | 1-227 |  |
| BN1106\_s86B000856.mRNA-1 | 351 | 37-322 |  |
| BN1106\_s9372B000026.mRNA-1 | 169 | 18-169 |  |
| BN1106\_s1824B000265.mRNA-1 | 778 | 470-778 |  |
| BN1106\_s2094B000236.mRNA-1 | 454 | 25-438 |  |
| BN1106\_s1203B000212.mRNA-1 | 1887 | 1100-1450 |  |
| BN1106\_s138B000285.mRNA-1 | 1090 | 697-1015 | Ig-like domain: 37-126; 152-270 |
| BN1106\_s2549B000286.mRNA-1 | 484 | 1-219 |  |
| BN1106\_s709B000620.mRNA-1 | 321 | 27-295 |  |
| BN1106\_s251B000186.mRNA-1 | 1126 | 1-219 | Phosphatase tensin-type domain: 382-552  C2 tensin-type domain: 558-702 |
| BN1106\_s434B000521.mRNA-1 | 1159 | 102-749 |  |
| BN1106\_s3672B000200.mRNA-1 | 484 | 37-430 |  |
| BN1106\_s3853B000081.mRNA-1 | 273 | 1-193 |  |
| BN1106\_s2593B000234.mRNA-1 | 191 | 6-191 |  |
| BN1106\_s2136B000142.mRNA-1 | 149 | 1-149 |  |
| BN1106\_s2184B000173.mRNA-1 | 504 | 354-504 | Src homology 3 (SH3) domain: 163-224  Src homology 2 (SH2) domain: 230-328 |
| BN1106\_s1058B000259.mRNA-1 | 410 | 55-315 |  |
| BN1106\_s1387B000125.mRNA-1 | 1663 | 1485-1663 | Zinc finger SWIM-type domain: 95-139 |
| BN1106\_s2913B000085.mRNA-1 | 289 | 1-237 |  |
| BN1106\_s2102B000159.mRNA-1 | 541 | 1-183 |  |
| BN1106\_s1216B000244.mRNA-1 | 453 | 17-298 |  |
| BN1106\_s825B000352.mRNA-1 | 1011 | 711-970 | Src homology 2 (SH2) domain: 567-699 |
| BN1106\_s4170B000101.mRNA-1 | 210 | 1-210 |  |
| BN1106\_s2009B000121.mRNA-1 | 284 | 1-169 |  |
| BN1106\_s701B000259.mRNA-1 | 237 | 1-231 |  |
| BN1106\_s2547B000303.mRNA-1 | 152 | 1-152 |  |
| BN1106\_s5304B000039.mRNA-1 | 358 | 1-285 |  |
| BN1106\_s86B000854.mRNA-1 | 1528 | 1005-1306 |  |
| BN1106\_s809B000355.mRNA-1 | 1371 | 922-1371 |  |
| BN1106\_s2290B000165.mRNA-1 | 175 | 1-137 |  |
| BN1106\_s1388B000165.mRNA-1 | 636 | 229-522 | GS domain: 200-228 |
| BN1106\_s4859B000080.mRNA-1 | 143 | 1-143 |  |
| BN1106\_s455B000330.mRNA-1 | 1327 | 794-1145 |  |
| BN1106\_s7116B000038.mRNA-1 | 472 | 81-432 |  |
| BN1106\_s2345B000224.mRNA-1 | 823 | 435-816 |  |
| BN1106\_s2108B000210.mRNA-1 | 562 | 255-562 |  |
| BN1106\_s454B000163.mRNA-1 | 1165 | 22-285 |  |
| BN1106\_s1189B000340.mRNA-1 | 138 | 1-127 |  |
| BN1106\_s9671B000006.mRNA-1 | 264 | 4-264 |  |
| BN1106\_s392B000877.mRNA-1 | 887 | 202-746 |  |
| BN1106\_s568B000543.mRNA-1 | 547 | 268-542 |  |
| BN1106\_s1776B000234.mRNA-1 | 396 | 1-206 |  |
| BN1106\_s942B000127.mRNA-1 | 1561 | 1-112 | Citron homology (CNH) domain: 1219-1561 |
| BN1106\_s3275B000106.mRNA-1 | 300 | 24-300 |  |
| BN1106\_s2647B000170.mRNA-1 | 1543 | 953-1238 |  |
| BN1106\_s861B000231.mRNA-1 | 1114 | 763-1000 |  |
| BN1106\_s552B000215.mRNA-1 | 684 | 326-654 | Fibronectin type-III domain: 131-226 |
| BN1106\_s928B000208.mRNA-1 | 1194 |  | PIK helical domain: 554-742  Phosphatidylinositol 3 and 4-kinase domain: 937-1194 |
| BN1106\_s5634B000065.mRNA-1 | 570 | 260-570 | GS domain: 212-259 |
| BN1106\_s409B000170.mRNA-1 | 680 | 1-234 |  |
| BN1106\_s733B000168.mRNA-1 | 1128 | 802-1061 | Src homology 2 (SH2) domain: 36-126; 189-279 |
| BN1106\_s501B000293.mRNA-1 | 1605 | 411-664 | Src homology 2 (SH2) domain: 220-310 |
| BN1106\_s3893B000063.mRNA-1 | 305 |  | Phosphatidylinositol 3 and 4-kinase domain: 81-266 |
| BN1106\_s2844B000230.mRNA-1 | 344 | 1-290 |  |
| BN1106\_s460B000225.mRNA-1 | 740 | 1-262 |  |
| BN1106\_s6547B000050.mRNA-1 | 499 | 36-380 |  |
| BN1106\_s5169B000148.mRNA-1 | 480 | 26-312 |  |
| BN1106\_s6085B000036.mRNA-1 | 352 | 1-136 |  |
| BN1106\_s1040B000347.mRNA-1 | 603 | 1-555 |  |
| BN1106\_s1587B000228.mRNA-1 | 1517 | 108-566 |  |
| BN1106\_s7814B000036.mRNA-1 | 249 | 1-249 |  |
| BN1106\_s371B000223.mRNA-1 | 1196 | 876-1196 | Ig-like domain: 146-242; 265-335 |
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