

The Catalog of IPs and IP Candidates by Right Ascension
Version 2008a with 89 objects
2008 July 8

| | | | | |
|------------------|-------------------|-----------------|----------------|---------------|
| Ironclad **** | Confirmed **** | Probable *** | Possible ** | Doubtful * |
| 24 | 9 | 12 | 18 | 26 |

| Var. Name | Alt. Name(s) | RA | Dec | P _o (h) | P _s (s) | Level | |
|-----------|------------------------------------------|----------------------------------------------------|-------------|--------------------|--------------------|----------------|-------|
| 01 | IGR J00234+6141 1RXS J002258.3+614111 | 00 22 57.63 | +61 41 07.8 | 4.033 | 563.5 | **** | |
| 02 | V709 Cas | RX J0028.8+5917 | 00 28 48.9 | +59 17 21.6 | 5.341 | 312.78 | ***** |
| 03 | | XSS J00564+4548 1RXS J005528.0+461143 | 00 55 20.0 | +46 12 57 | ? | 480 ? | **** |
| 04 | | 1RXS J015317.9+744641 RX J0153.3+7446 | 01 53 20.76 | +74 46 22.2 | 3.9396 | 1974? | *** |
| 05 | TT Ari | | 02 06 53.08 | +15 17 41.8 | 3.3012 | | * |
| 06 | | SDSS J023322.61+005059.5 | 02 33 22.61 | +00 50 59.5 | 1.6013 | | * |
| 07 | XY Ari | H0253+193 | 02 56 08.15 | +19 26 33.8 | 6.0648 | 206.3 | ***** |
| 08 | GK Per | Nova Persei 1901 | 03 31 12.0 | +43 54 17 | 47.9233 | 351 | ***** |
| 09 | AH Eri | | 04 22 38.10 | -13 21 30.2 | 5.7384 | 2520 ?? | * |
| 10 | V1062 Tau | H0459+246 | 05 02 27.59 | +24 45 22.1 | 9.952 | 3780 | ***** |
| 11 | UU Col | RX J0512.2-3241 | 05 12 13.22 | -32 41 39.8 | 3.45 | 863.5 | ***** |
| 12 | | 1RXS J052430.2+424449 RX J0524+42 "Paloma" | 05 24 30.52 | +42 44 50.4 | 2.62 | 8758? 8175? | *** |
| 13 | | Swift J052522.48+241331.8 1RXS J052523.2+241331 | 05 25 22.74 | +24 13 33.7 | ? | ? | ** |
| 14 | TV Col | A0526-328 | 05 29 25.53 | -32 49 05.3 | 5.4864 | 1911 | ***** |
| 15 | TW Pic | H0534-581 | 05 34 50.78 | -58 01 41.6 | 6.06 | 7186 ?? | ** |
| 16 | TX Col | 1H0542-407 | 05 43 20.27 | -41 01 56.1 | 5.718 | 1911 | **** |
| 17 | FS Aur | | 05 47 48.34 | +28 35 11.1 | 1.428 | ? | ** |
| 18 | LS Cam | HS 0551+7241 | 05 57 23.96 | +72 41 52.4 | 4? | ? | ** |
| 19 | V405 Aur | RX J0558.0+5353 | 05 57 59.27 | +53 53 45.1 | 4.16 | 545.456 | ***** |
| 20 | AH Men | 1H0551-819 | 06 11 44.07 | -81 49 24.1 | 2.95? | 1040 ?? | * |
| 21 | | Swift J061223.0+701243.9 | 06 12 22.6 | +70 12 43.4 | ? | ? | ** |
| 22 | MU Cam | 1RXS J062518.2+733433 | 06 25 16.23 | +73 34 38.9 | 4.7186 | 1187.25 | ***** |
| 23 | | 1RXS J063631.9+353537 | 06 36 32.55 | +35 35 43.3 | ~3.35 | 1008? | *** |
| 24 | | 1RXS J070407.9+262501 | 07 04 08.67 | +26 25 10.9 | ~4.0 | 480 | **** |
| 25 | V348 Pup | 1H0709-360 | 07 12 32.88 | -36 05 39.7 | 2.444 | | * |

| | Var. Name | Alt. Name(s) | RA | Dec | P _o (h) | P _s (s) | Level |
|----|-----------|----------------------------------------------------------------|--------------|--------------|--------------------|--------------------|-------|
| 26 | GI Mon | Nova Monocerotis 1918 HD 58756 | 07 26 47.06 | -06 40 29.3 | 4.3248 | 2916 ? | ** |
| 27 | BG CMi | 3A0729+103 | 07 31 29.04 | +09 56 21.8 | 3.2349 | 913.5 | ***** |
| 28 | | Swift J0732.5-1331 | 07 32 37.64 | -13 31 09.0 | 5.604 | 512.42 | ***** |
| 29 | V436 Car | RX J0744.9-5257 | 07 44 57.9 | -52 57 13.0 | 3.60 | | * |
| 30 | PQ Gem | RE0751+14 | 07 51 17.33 | +14 44 23.9 | 5.1926 | 833.41 | ***** |
| 31 | HT Cam | RX J0757.0+6306 | 07 57 01.33 | +63 06 01.4 | 1.4331 | 515.06 | ***** |
| 32 | DW Cnc | | 07 58 53.07 | +16 16 45.4 | 1.4350 | 2314.66 | **** |
| 33 | HZ Pup | Nova Puppis 1963 No. 1 | 08 03 22.80 | -28 28 28.8 | 5.11 | 1212? | ** |
| 34 | HM Cnc | RX J0806.3+1527 1BMW J080622.8+1527323 | 08 06 22.84 | +15 27 31.5 | 0.0892 (?) | | * |
| 35 | WX Pyx | 1E 0830.9-2238 | 08 33 5.75 | -22 48 32.6 | 6-9? | 1560 | **** |
| 36 | SW UMa | | 08 36 42.80 | +53 28 38.2 | 1.3636 | | * |
| 37 | EI UMa | PG 0834+488 1H0832+488 | 08 38 21.99 | +48 38 02.1 | 6.43 | 741.6 | **** |
| 38 | VZ Pyx | H0857-242 | 08 59 19.89 | -24 28 55.1 | 1.76 | 3020 ? | * |
| 39 | | HS 0922+1333 | 09 24 56.10 | +13 20 52.0 | 4.0395 | 14542.2 | * |
| 40 | VZ Sex | 1RXS J094432.1+035738 | 09 44 31.72 | +03 58 05.4 | 3.581 | 2162 ? | ** |
| 41 | | HS 0943+1404 | 09 46 34.50 | +13 50 58.0 | 4.42 | 4150 ? | * |
| 42 | KO Vel | E1013-477 H1011-47 | 10 15 58.42 | -47 58 11.3 | 6.4 ? | ? | * |
| 43 | V381 Vel | 1RXS J101659.4-410332 RX J1016.9-4103 | 10 16 58.90 | -41 03 44.6 | 2.038 ? | 7388 ? | * |
| 44 | YY Sex | RX J1039.7-0507 | 10 39 46.96 | -05 06 58.1 | 1.574 | 1443.7 ? | * |
| 45 | YY Dra | (DO Dra) 3A1148+719 PG1140+72 | 11 43 38.51 | +71 41 19.2 | 3.96 | 530 | ***** |
| 46 | | 1ES 1210-646 SAXWFC J1213.2-6452.7 4U 1210-64 | 12 13 14.70 | -64 52 30.9 | ? | ? | * |
| 47 | | XSS J12270-4859 1RXS J122758.8-485343 | 12 27 57.748 | -48 53 42.88 | ? | ? | *** |
| 48 | AP Cru | Nova Crucis 1935 | 12 31 20.34 | -64 26 24.3 | 5.12 ? | 1837 | * |
| 49 | V1025 Cen | RX J1238-38 | 12 38 16.38 | -38 42 46.0 | 1.41 | 2147 | ***** |
| 50 | EX Hya | 4U1228-29 | 12 52 24.47 | -29 14 57.5 | 1.6376 | 4021.62 | ***** |
| 51 | RR Cha | Nova Chameleontis 1953 | 13 26 23.44 | -82 19 43.4 | 3.3624 | 1950 ? | * |
| 52 | V1039 Cen | Nova Centauri 2001 | 13 55 41.27 | -64 15 57.9 | 5.92 ??? | 720 ? | ** |
| 53 | DD Cir | Nova Circinus 1999 | 14 23 23.46 | -69 08 45.3 | 2.339 | 670 ? | ** |
| 54 | | SDSS J144659.95+025330.3 | 14 46 59.95 | +02 53 30.3 | 3.8 | 2920 | *** |
| 55 | | IGR J14536-5522 1RXS J145341.1-552146 Swift J1453.4-5524 | 14 53 41.055 | -55 21 37.74 | | | * |
| 56 | | IGR J15094-6649 1RXS J150925.7-664913 | 15 09 26.013 | -66 49 23.29 | | | ** |
| 57 | NY Lup | 1RXS J154814.5-452845 | 15 48 14.5 | -45 28 39.0 | 9.87 | 693.01 | ***** |

| Var. Name | Alt. Name(s) | RA | Dec | P _o (h) | P _s (s) | Level | |
|-----------|------------------------------------------|----------------------------|-------------|--------------------|--------------------|-----------|-------|
| 58 | IGR J16167–4957 1RXS J161637.1–495847 | 16 16 37.74 | –49 58 44.5 | | | ** | |
| 59 | V2400 Oph | RX J1712.6–2414 | 17 12 36.43 | –24 14 44.7 | 3.43 | 927.66 | ***** |
| 60 | V795 Her | PG 1711+336 | 17 12 56.09 | +33 31 21.4 | 2.598 | | * |
| 61 | IGR J17195–4100 1RXS J171935.6–410054 | 17 19 35.91 | –41 00 53.7 | | | *** | |
| 62 | IGR J17303–0601 1RXS J173021.5–055933 | 17 30 21.50 | –05 59 33.5 | 15.42 | 128.0 | **** | |
| 63 | V2487 Oph | Nova Ophiuchi 1998 | 17 31 59.79 | –19 13 56 | | | ** |
| 64 | SAX J1748.2–2808 | 17 48 16.91 | –28 07 50.4 | | 594 | *** | |
| 65 | V697 Sco | Nova Scorpii 1941 | 17 51 21.83 | –37 24 55.2 | 4.49 ? | 11900 ??? | * |
| 66 | 1RXS J180340.0+401214 | 18 03 39.67 | +40 12 20.6 | 4.402 | 1520 | **** | |
| 67 | DQ Her | Nova Herculis 1934 | 18 07 30.12 | +45 51 32.7 | 4.65 | 71 (142?) | ***** |
| 68 | V426 Oph | | 18 07 51.71 | +05 51 48.5 | 6.85 | | * |
| 69 | V533 Her | Nova Herculis 1963 | 18 14 20.34 | +41 51 21.3 | 3.528 | 63.633 ? | ** |
| 70 | V4745 Sgr | Nova Sagittarii 2003 No. 1 | 18 40 02.54 | –33 26 55.1 | 4.988 | 1490 ? | ** |
| 71 | V603 Aql | Nova Aquilae 1918 | 18 48 54.64 | +00 35 02.9 | 3.3125 | | * |
| 72 | V1223 Sgr | 4U1851–31 | 18 55 02.0 | –31 09 48 | 3.366 | 745.63 | ***** |
| 73 | V373 Sct | Nova Scuti 1975 | 18 55 26.71 | –07 43 05.5 | ? | 258.3 ? | * |
| 74 | V4743 Sgr | Nova Sagittarii 2002 No. 3 | 19 01 09.38 | –22 00 05.9 | 6.7176 | | * |
| 75 | V1425 Aql | Nova Aquila 1995 | 19 05 26.65 | –01 42 03.39 | 6.1392 | 5188 | *** |
| 76 | V407 Vul | RX J1914.3+2456 | 19 12 26.08 | +24 56 43.4 | 0.1583 | 570 | * |
| 77 | V1432 Aql | RX J1940.1–1025 | 19 40 11.46 | –10 25 25.7 | 3.36563 | 12150 | * |
| 78 | V2491 Cyg | Nova Cygni 2008 No. 2 | 19 43 01.96 | +32 19 13.8 | ? | ? | ** |
| 79 | V2306 Cyg | WGA J1958.2+3232 | 19 58 14.48 | +32 32 42.2 | 4.35 | 1466.66 ? | ***** |
| 80 | WZ Sge | | 20 07 36.53 | +17 42 15.3 | 1.3605 | 27.87 ? | ** |
| 81 | AE Aqr | | 20 40 09.7 | –00 52 16.3 | 9.88 | 33.062 | ***** |
| 82 | V2069 Cyg | RX J2123.7+4217 | 21 23 44.83 | +42 18 02.2 | 7.480 | ? | *** |
| 83 | 1RXS J213344.1+510725 RX J2133.7+5107 | 21 33 43.65 | +51 07 24.5 | 7.19 | 570.82 | ***** | |
| 84 | LS Peg | S193 | 21 51 57.94 | +14 06 53.3 | 4.19 | 1854 ? | ** |
| 85 | FO Aqr | H2215–086 | 22 17 55.49 | –08 21 05.4 | 4.85 | 1254 | ***** |
| 86 | SDSS J223843.84+010820.7 “Aqr1” | 22 38 43.84 | +01 08 20.7 | ? | 403.7 | *** | |
| 87 | AO Psc | H2252–035 | 22 55 17.99 | –03 10 40.0 | 3.591 | 805.2 | ***** |
| 88 | SDSS J233325.92+152222.1 | 23 33 25.92 | +15 22 22.1 | 1.3854 | 2500 ? | *** | |
| 89 | V455 And | HS 2331+3905 | 23 34 01.55 | +39 21 42.9 | 1.3514 | 67.2 | *** |

In addition, 7 of the periodic X-ray sources in the Galactic Center region (CXOGC J174517.4–290650, CXOGC J174531.7–290542, CXOGC J174532.3–290251, CXOGC J174534.5–290201, CXOGC J174535.6–290034, CXOGC J174541.8–290037, and CXOGC J174543.4–285841) discovered by Munro et al. (2003, ApJ 599, 465–474) are also candidate IPs.