

Table 1: SN Ia spectral information.

| SN Name   | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}$ <sup>b</sup> | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR  | Reference <sup>g</sup> |
|-----------|---------------------------------|-----------------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|------|------------------------|
| SN 2008hm | 2008-12-31.311                  | 26.5                  | 1                   | 3452-10700              | 4.3/10.5                 | 110.7                    | 1.12                 | 1800                 | 31.7 | ...                    |
| SN 2008hv | 2008-12-31.378                  | 14.3                  | 1                   | 3452-10700              | 4.7/11.9                 | 138.8                    | 1.32                 | 1200                 | 61.1 | ...                    |
| SN 2008hy | 2009-01-05.155                  | 32.9                  | 1                   | 3400-10700              | 4.9/9.8                  | 35.7                     | 1.31                 | 1200                 | 24.9 | ...                    |
| SN 2009D  | 2009-01-05.184                  | -5.6                  | 1                   | 3390-10700              | 5.0/12.2                 | 161.1                    | 1.86                 | 1200                 | 8.3  | ...                    |
| SN 2009Y  | 2009-02-19.665                  | 5.7                   | 2                   | 3270-9270               | 2.1/6.7                  | 183.0                    | 1.29                 | 180                  | 95.1 | ...                    |
| SN 2009Y  | 2009-03-29.532                  | 43.2                  | 1                   | 3410-10100              | 5.3/11.3                 | 203.8                    | 2.32                 | 1500                 | 9.6  | ...                    |
| SN 2009Y  | 2009-04-18.416                  | 62.9                  | 1                   | 3454-9900               | 4.3/10.5                 | 181.7                    | 1.76                 | 1800                 | 31.8 | ...                    |
| SN 2009V  | 2009-02-19.605                  | ...                   | 2                   | 3388-9270               | 4.5/5.9                  | 95.0                     | 1.68                 | 450                  | 7.5  | ...                    |
| SN 2009ae | 2009-02-19.677                  | ...                   | 2                   | 3270-9270               | 4.5/5.4                  | 85.0                     | 1.02                 | 300                  | 39.6 | ...                    |
| SN 2009an | 2009-03-29.507                  | 21.1                  | 1                   | 3410-10100              | 4.5/12.1                 | 107.2                    | 1.42                 | 1500                 | 34.1 | ...                    |
| SN 2009an | 2009-04-18.318                  | 40.7                  | 1                   | 3454-9900               | 5.2/12.0                 | 174.8                    | 1.15                 | 1500                 | 39.0 | ...                    |
| SN 2009bp | 2009-03-29.251                  | ...                   | 1                   | 3410-10100              | 5.2/10.1                 | 110.8                    | 1.40                 | 1800                 | 8.8  | ...                    |
| SN 2009bs | 2009-03-29.223                  | ...                   | 1                   | 3410-10100              | 5.5/10.6                 | 97.1                     | 1.34                 | 1800                 | 25.5 | ...                    |
| SN 2009bs | 2009-04-18.350                  | ...                   | 1                   | 3454-9900               | 5.1/10.4                 | 188.8                    | 1.04                 | 1800                 | 13.7 | ...                    |
| SN 2009bv | 2009-04-18.249                  | 12.5                  | 1                   | 3454-9900               | 4.9/10.7                 | 103.3                    | 1.07                 | 2100                 | 32.9 | ...                    |
| SN 2009cz | 2009-04-18.214                  | -3.0                  | 1                   | 3454-9900               | 5.4/11.3                 | 45.9                     | 1.05                 | 1800                 | 62.2 | ...                    |
| SN 2009dc | 2009-04-18.481                  | -5.7                  | 1                   | 3454-9900               | 4.8/11.2                 | 213.0                    | 1.06                 | 1500                 | 64.9 | 1                      |
| SN 2009dc | 2009-05-31.341                  | 36.2                  | 1                   | 3420-10600              | 4.2/10.0                 | 190.4                    | 1.03                 | 1500                 | 34.0 | 1                      |
| SN 2009dc | 2009-06-17.506                  | 53.0                  | 2                   | 3392-10260              | 4.5/5.8                  | 85.0                     | 1.56                 | 225                  | 30.2 | 1                      |
| SN 2009dc | 2009-06-29.287                  | 64.6                  | 1                   | 3440-10780              | 4.1/10.3                 | 36.2                     | 1.08                 | 2100                 | 24.2 | 1                      |
| SN 2009dc | 2009-07-16.303                  | 81.2                  | 1                   | 3460-10760              | 3.9/10.6                 | 59.1                     | 1.29                 | 2100                 | 20.5 | 1                      |
| SN 2009dc | 2009-07-23.234                  | 88.0                  | 1                   | 3480-10760              | 3.5/10.4                 | 45.2                     | 1.10                 | 2100                 | 20.4 | 1                      |
| SN 2009dc | 2009-07-28.279                  | 93.0                  | 1                   | 3492-10714              | 4.1/10.2                 | 61.6                     | 1.33                 | 2100                 | 18.1 | 1                      |
| SN 2009dc | 2009-08-14.229                  | 109.5                 | 1                   | 3488-10086              | 3.3/10.4                 | 58.9                     | 1.31                 | 2400                 | 10.1 | 1                      |
| SN 2009do | 2009-05-18.342                  | 23.4                  | 1                   | 3512-9860               | 4.3/11.0                 | 100.9                    | 1.25                 | 1800                 | 21.2 | ...                    |
| SN 2009ds | 2009-05-18.283                  | 8.6                   | 1                   | 3472-10700              | 4.7/11.3                 | 30.5                     | 1.97                 | 1500                 | 48.7 | ...                    |
| SN 2009en | 2009-05-18.368                  | ...                   | 1                   | 3476-10700              | 4.4/10.2                 | 27.8                     | 1.19                 | 1500                 | 32.8 | ...                    |
| SN 2009en | 2009-05-31.254                  | ...                   | 1                   | 3420-9772               | 3.9/10.2                 | 153.4                    | 1.11                 | 2100                 | 12.6 | ...                    |
| SN 2009ep | 2009-05-28.208                  | ...                   | 1                   | 3438-10700              | 4.2/10.3                 | 159.3                    | 1.24                 | 1500                 | 41.4 | ...                    |
| SN 2009ep | 2009-05-31.217                  | ...                   | 1                   | 3454-10566              | 5.5/10.5                 | 163.6                    | 1.23                 | 1500                 | 26.5 | ...                    |
| SN 2009eq | 2009-05-28.423                  | ...                   | 1                   | 3438-10700              | 4.4/11.0                 | 76.7                     | 1.00                 | 1800                 | 22.1 | ...                    |
| SN 2009eq | 2009-05-31.422                  | ...                   | 1                   | 3494-9900               | 4.2/10.4                 | 74.9                     | 1.00                 | 1500                 | 16.8 | ...                    |
| SN 2009eq | 2009-06-17.610                  | ...                   | 2                   | 3458-10260              | 4.5/5.9                  | 102.0                    | 1.46                 | 270                  | 10.4 | ...                    |
| SN 2009ew | 2009-05-28.304                  | ...                   | 1                   | 3472-9842               | 4.2/10.2                 | 135.2                    | 1.09                 | 2100                 | 18.0 | ...                    |
| SN 2009ew | 2009-05-31.318                  | ...                   | 1                   | 3420-9886               | 3.9/10.8                 | 139.2                    | 1.08                 | 2100                 | 12.1 | ...                    |
| SN 2009eu | 2009-05-28.393                  | -4.8                  | 1                   | 3438-10700              | 4.4/11.5                 | 103.8                    | 1.03                 | 1800                 | 32.2 | ...                    |
| SN 2009ft | 2009-05-28.266                  | ...                   | 1                   | 3438-10700              | 4.1/10.4                 | 172.4                    | 1.15                 | 1800                 | 27.0 | ...                    |
| SN 2009fx | 2009-06-24.339                  | ...                   | 1                   | 3470-10098              | 4.2/10.7                 | 211.3                    | 1.08                 | 1800                 | 26.0 | ...                    |
| SN 2009fl | 2009-05-31.377                  | ...                   | 1                   | 3446-10148              | 4.2/10.9                 | 140.0                    | 1.02                 | 1800                 | 27.4 | ...                    |
| SN 2009fl | 2009-06-24.416                  | ...                   | 1                   | 3504-9900               | 4.2/11.4                 | 81.2                     | 1.34                 | 1800                 | 6.9  | ...                    |
| SN 2009fu | 2009-06-24.485                  | ...                   | 1                   | 3474-10700              | 3.5/9.5                  | 108.4                    | 1.55                 | 1200                 | 32.3 | ...                    |
| SN 2009fy | 2009-06-16.507                  | ...                   | 1                   | 3460-10000              | 4.5/10.2                 | 128.4                    | 1.18                 | 1500                 | 17.8 | ...                    |
| SN 2009fy | 2009-06-24.468                  | ...                   | 1                   | 3548-9910               | 3.4/10.4                 | 129.7                    | 1.21                 | 1500                 | 17.3 | ...                    |
| SN 2009fv | 2009-06-16.340                  | 3.8                   | 1                   | 3460-9716               | 4.4/9.7                  | 59.9                     | 1.02                 | 1800                 | 5.3  | ...                    |
| SN 2009fv | 2009-06-24.271                  | 11.5                  | 1                   | 3496-10016              | 4.1/9.4                  | 229.2                    | 1.00                 | 1200                 | 23.1 | ...                    |
| SN 2009fv | 2009-06-29.305                  | 16.4                  | 1                   | 3440-10770              | 3.5/10.4                 | 109.8                    | 1.03                 | 1200                 | 23.3 | ...                    |
| SN 2009gq | 2009-06-29.469                  | ...                   | 1                   | 3440-10218              | 4.2/10.9                 | 150.3                    | 1.07                 | 1800                 | 8.0  | ...                    |
| SN 2009fw | 2009-06-16.447                  | 5.3                   | 1                   | 3602-9910               | 3.5/10.1                 | 160.0                    | 1.88                 | 1800                 | 16.8 | ...                    |
| SN 2009fw | 2009-06-17.617                  | 6.4                   | 2                   | 3398-10270              | 4.5/6.0                  | 83.0                     | 1.44                 | 150                  | 22.8 | ...                    |
| SN 2009fw | 2009-06-24.442                  | 13.1                  | 1                   | 3500-10156              | 3.3/11.1                 | 175.2                    | 1.83                 | 1500                 | 28.0 | ...                    |
| SN 2009fw | 2009-06-29.390                  | 17.9                  | 1                   | 3440-10760              | 4.3/10.6                 | 164.9                    | 1.89                 | 1500                 | 22.2 | ...                    |
| SN 2009gf | 2009-06-16.237                  | ...                   | 1                   | 3460-10000              | 4.1/9.6                  | 178.8                    | 1.10                 | 1800                 | 10.2 | ...                    |
| SN 2009gf | 2009-06-24.252                  | ...                   | 1                   | 3470-10206              | 3.9/9.9                  | 213.5                    | 1.20                 | 1500                 | 53.1 | ...                    |
| SN 2009gf | 2009-06-29.251                  | ...                   | 1                   | 3440-10770              | 4.1/10.6                 | 39.4                     | 1.25                 | 1500                 | 44.1 | ...                    |
| SN 2009gs | 2009-06-29.414                  | ...                   | 1                   | 3440-10770              | 3.4/10.4                 | 158.9                    | 1.42                 | 1500                 | 48.2 | ...                    |
| SN 2009gs | 2009-07-16.439                  | ...                   | 1                   | 3460-10760              | 3.4/10.5                 | 185.2                    | 1.40                 | 1500                 | 29.7 | ...                    |
| SN 2009gs | 2009-07-23.360                  | ...                   | 1                   | 3548-9914               | 3.4/11.2                 | 157.7                    | 1.40                 | 1800                 | 35.6 | ...                    |
| SN 2009he | 2009-07-16.267                  | ...                   | 1                   | 3460-10760              | 3.3/10.2                 | 153.8                    | 1.11                 | 2100                 | 23.4 | ...                    |
| SN 2009hi | 2009-07-16.468                  | ...                   | 1                   | 3494-10652              | 3.5/10.7                 | 145.9                    | 1.08                 | 1800                 | 28.1 | ...                    |
| SN 2009hi | 2009-07-23.465                  | ...                   | 1                   | 3512-10080              | 3.5/11.1                 | 150.5                    | 1.07                 | 1800                 | 31.8 | ...                    |
| SN 2009hi | 2009-07-28.405                  | ...                   | 1                   | 3450-10780              | 3.8/10.2                 | 132.9                    | 1.13                 | 2100                 | 22.9 | ...                    |
| SN 2009hk | 2009-07-16.377                  | ...                   | 1                   | 3544-10618              | 3.6/10.7                 | 169.5                    | 2.15                 | 1500                 | 24.5 | ...                    |
| SN 2009hl | 2009-07-16.336                  | ...                   | 1                   | 3460-10760              | 3.4/10.9                 | 82.6                     | 1.10                 | 2100                 | 37.1 | ...                    |

Table 1 continued

| SN Name   | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}$ <sup>b</sup> | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|-----------|---------------------------------|-----------------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2009hl | 2009-07-23.291                  | ...                   | 1                   | 3480-10104              | 3.6/10.7                 | 81.5                     | 1.05                 | 1800                 | 28.5  | ...                    |
| SN 2009hn | 2009-07-28.466                  | ...                   | 1                   | 3452-10780              | 3.3/10.5                 | 132.1                    | 1.75                 | 1800                 | 16.8  | ...                    |
| SN 2009ho | 2009-07-28.439                  | ...                   | 1                   | 3450-10780              | 3.5/10.6                 | 111.5                    | 1.35                 | 2100                 | 9.3   | ...                    |
| SN 2009hp | 2009-07-28.488                  | ...                   | 1                   | 3452-10780              | 3.4/10.2                 | 132.1                    | 1.57                 | 1500                 | 26.0  | ...                    |
| SN 2009hs | 2009-08-14.373                  | 8.6                   | 1                   | 3434-10760              | 3.9/11.3                 | 99.4                     | 1.46                 | 2100                 | 26.7  | ...                    |
| SN 2009hr | 2009-08-14.339                  | ...                   | 1                   | 3434-10770              | 3.9/12.0                 | 133.2                    | 1.72                 | 1500                 | 34.0  | ...                    |
| PTF 09dlc | 2009-08-28.336                  | -2.3                  | 1                   | 3430-10600              | 3.2/9.1                  | 172.4                    | 1.18                 | 2400                 | 20.9  | ...                    |
| PTF 09dlc | 2009-09-19.269                  | 18.2                  | 1                   | 3450-10124              | 5.6/10.6                 | 164.4                    | 1.17                 | 2100                 | 10.0  | ...                    |
| SN 2009jb | 2009-08-28.266                  | ...                   | 1                   | 3430-10600              | 3.4/11.3                 | 67.6                     | 1.34                 | 1800                 | 56.1  | ...                    |
| SN 2009jb | 2009-09-26.188                  | ...                   | 1                   | 3440-10400              | 5.4/9.4                  | 68.1                     | 1.29                 | 1800                 | 35.3  | ...                    |
| SN 2009jb | 2009-10-12.175                  | ...                   | 1                   | 3664-9976               | 3.7/9.9                  | 65.7                     | 1.57                 | 1800                 | 9.9   | ...                    |
| PTF 09dnp | 2009-08-28.178                  | ...                   | 1                   | 3430-10600              | 3.7/10.9                 | 95.6                     | 1.25                 | 1500                 | 34.0  | ...                    |
| PTF 09dnp | 2009-09-19.221                  | ...                   | 1                   | 3450-10224              | 5.8/11.0                 | 72.4                     | 1.89                 | 1800                 | 20.4  | ...                    |
| SN 2009ig | 2009-08-22.508                  | -13.8                 | 1                   | 3420-10920              | 4.5/11.0                 | 162.9                    | 1.35                 | 1800                 | 65.1  | 2                      |
| SN 2009ig | 2009-08-22.628                  | -13.7                 | 2                   | 3100-7960               | 5.3/4.6                  | 0.0                      | 1.07                 | 300                  | 117.5 | 2                      |
| SN 2009ig | 2009-08-24.518                  | -11.8                 | 1                   | 3528-10118              | 4.5/11.6                 | 172.0                    | 1.28                 | 900                  | 95.8  | 2                      |
| SN 2009ig | 2009-08-25.522                  | -10.9                 | 1                   | 3528-10158              | 4.3/10.5                 | 174.6                    | 1.28                 | 900                  | 95.1  | 2                      |
| SN 2009ig | 2009-08-27.499                  | -8.9                  | 1                   | 3420-10114              | 3.5/10.6                 | 167.9                    | 1.28                 | 600                  | 104.6 | 2                      |
| SN 2009ig | 2009-08-28.530                  | -7.9                  | 1                   | 3430-10600              | 3.5/10.9                 | 179.7                    | 1.29                 | 1500                 | 52.9  | 2                      |
| SN 2009ig | 2009-09-19.492                  | 13.9                  | 1                   | 3450-10500              | 4.8/11.8                 | 184.8                    | 1.31                 | 1200                 | 67.9  | ...                    |
| SN 2009ig | 2009-09-22.645                  | 17.0                  | 2                   | 3165-10178              | 4.0/5.9                  | 58.0                     | 1.38                 | 100                  | 94.0  | ...                    |
| SN 2009ig | 2009-09-26.535                  | 20.9                  | 1                   | 3440-10400              | 4.4/10.6                 | 130.2                    | 1.55                 | 1500                 | 71.5  | ...                    |
| SN 2009ig | 2009-10-12.309                  | 36.5                  | 1                   | 3496-10740              | 3.4/9.3                  | 138.8                    | 1.46                 | 1800                 | 51.0  | ...                    |
| SN 2009ig | 2009-10-21.417                  | 45.5                  | 1                   | 3450-10700              | 3.8/11.3                 | 194.3                    | 1.35                 | 1800                 | 41.3  | ...                    |
| SN 2009ig | 2009-11-10.375                  | 65.3                  | 1                   | 3452-10300              | 3.2/11.8                 | 195.0                    | 1.40                 | 1800                 | 39.1  | ...                    |
| SN 2009ig | 2009-11-25.326                  | 80.2                  | 1                   | 3494-10100              | 4.1/10.8                 | 197.0                    | 1.33                 | 1500                 | 33.4  | ...                    |
| SN 2009ig | 2009-12-09.305                  | 94.0                  | 1                   | 3470-10800              | 3.2/9.6                  | 201.0                    | 1.44                 | 1800                 | 21.3  | ...                    |
| SN 2009ig | 2009-12-18.272                  | 102.9                 | 1                   | 3570-10790              | 3.5/9.5                  | 198.8                    | 1.40                 | 1800                 | 20.9  | ...                    |
| SN 2009ig | 2010-02-14.165                  | 160.3                 | 1                   | 3442-10090              | 4.0/10.5                 | 32.4                     | 1.74                 | 2400                 | 8.0   | ...                    |
| SN 2009ih | 2009-08-28.200                  | ...                   | 1                   | 3430-10600              | 3.8/10.6                 | 86.4                     | 1.25                 | 1500                 | 21.3  | ...                    |
| SN 2009ix | 2009-09-19.563                  | ...                   | 1                   | 3450-10108              | 5.5/10.2                 | 102.9                    | 1.07                 | 2100                 | 18.8  | ...                    |
| SN 2009ix | 2009-10-22.629                  | ...                   | 2                   | 3396-10290              | 3.7/5.6                  | 190.1                    | 1.51                 | 405                  | 8.2   | ...                    |
| SN 2009jg | 2009-09-26.203                  | ...                   | 1                   | 3448-10280              | 5.3/12.4                 | 54.9                     | 1.45                 | 1200                 | 44.6  | ...                    |
| SN 2009jr | 2009-10-12.207                  | -3.6                  | 1                   | 3464-10112              | 3.5/11.0                 | 201.6                    | 1.36                 | 1800                 | 13.6  | ...                    |
| SN 2009jr | 2009-10-21.207                  | 5.3                   | 1                   | 3450-10700              | 3.9/9.6                  | 35.3                     | 1.49                 | 1500                 | 33.5  | ...                    |
| SN 2009jp | 2009-10-21.263                  | ...                   | 1                   | 3458-9930               | 3.7/10.3                 | 188.8                    | 1.11                 | 1800                 | 8.8   | ...                    |
| SN 2009kk | 2009-10-21.443                  | -0.4                  | 1                   | 3450-10700              | 3.5/11.0                 | 182.1                    | 1.34                 | 1812                 | 49.2  | ...                    |
| SN 2009kk | 2009-11-10.477                  | 19.4                  | 1                   | 3562-10266              | 3.5/9.4                  | 35.0                     | 1.81                 | 1500                 | 22.7  | ...                    |
| SN 2009ko | 2009-11-10.452                  | ...                   | 1                   | 3480-10080              | 3.3/9.9                  | 132.4                    | 1.21                 | 1500                 | 13.7  | ...                    |
| SN 2009ko | 2009-11-25.475                  | ...                   | 1                   | 3494-10100              | 4.0/11.1                 | 150.7                    | 1.09                 | 1500                 | 40.5  | ...                    |
| SN 2009kq | 2009-11-10.429                  | -9.2                  | 1                   | 3452-10300              | 3.3/10.9                 | 116.4                    | 1.30                 | 1800                 | 40.5  | ...                    |
| SN 2009kq | 2009-11-25.446                  | 5.7                   | 1                   | 3494-10100              | 3.9/10.5                 | 117.3                    | 1.09                 | 1500                 | 79.4  | ...                    |
| SN 2009kq | 2009-12-09.463                  | 19.5                  | 1                   | 3470-10800              | 3.3/10.5                 | 130.8                    | 1.02                 | 1800                 | 47.7  | ...                    |
| SN 2009kq | 2009-12-18.456                  | 28.4                  | 1                   | 3570-10174              | 3.9/11.0                 | 141.3                    | 1.01                 | 2100                 | 34.3  | ...                    |
| SN 2009lg | 2009-11-25.264                  | ...                   | 1                   | 3494-9852               | 3.9/10.3                 | 61.4                     | 1.25                 | 1800                 | 6.5   | ...                    |
| SN 2009le | 2009-12-18.242                  | 17.5                  | 1                   | 3586-10148              | 3.5/9.7                  | 190.4                    | 2.24                 | 1500                 | 26.4  | ...                    |
| SN 2009li | 2009-11-25.293                  | ...                   | 1                   | 3494-10100              | 3.8/10.1                 | 40.4                     | 1.43                 | 1800                 | 11.8  | ...                    |
| SN 2009lv | 2009-11-25.148                  | ...                   | 1                   | 3500-10068              | 3.8/10.3                 | 128.9                    | 1.04                 | 1800                 | 10.7  | ...                    |
| SN 2009lv | 2009-12-18.190                  | ...                   | 1                   | 3570-10066              | 4.2/9.6                  | 40.5                     | 1.15                 | 2100                 | 6.3   | ...                    |
| SN 2009lu | 2009-12-09.552                  | ...                   | 1                   | 3678-10196              | 3.3/12.4                 | 159.8                    | 1.35                 | 2100                 | 8.0   | ...                    |
| SN 2009lr | 2009-11-25.183                  | ...                   | 1                   | 3526-10766              | 3.3/9.9                  | 190.3                    | 1.39                 | 1800                 | 8.8   | ...                    |
| SN 2009lr | 2009-12-18.128                  | ...                   | 1                   | 3570-10800              | 3.9/11.0                 | 191.4                    | 1.42                 | 2100                 | 15.3  | ...                    |
| SN 2009me | 2009-12-09.583                  | ...                   | 1                   | 3500-10166              | 3.3/11.4                 | 82.4                     | 1.03                 | 2100                 | 17.3  | ...                    |
| SN 2009me | 2009-12-18.530                  | ...                   | 1                   | 3570-10800              | 3.8/10.6                 | 90.0                     | 1.07                 | 2100                 | 6.2   | ...                    |
| SN 2009mj | 2009-12-18.354                  | ...                   | 1                   | 3612-10058              | 3.5/9.0                  | 71.0                     | 1.02                 | 1800                 | 12.3  | ...                    |
| SN 2009mh | 2009-12-18.548                  | ...                   | 1                   | 3570-10240              | 3.8/10.2                 | 150.4                    | 1.14                 | 1500                 | 23.7  | ...                    |
| SN 2009mv | 2009-12-18.391                  | ...                   | 1                   | 3570-10198              | 3.6/10.4                 | 105.4                    | 1.00                 | 1800                 | 20.1  | ...                    |
| SN 2009nr | 2010-01-08.480                  | 11.6                  | 1                   | 3420-10600              | 3.9/9.0                  | 136.6                    | 1.37                 | 2100                 | 44.5  | ...                    |
| SN 2009nr | 2010-03-15.409                  | 76.8                  | 1                   | 3450-10208              | 3.4/12.5                 | 166.8                    | 1.11                 | 1500                 | 25.9  | ...                    |
| SN 2009nr | 2010-05-07.405                  | 129.3                 | 1                   | 3440-10058              | 4.5/9.3                  | 47.9                     | 1.38                 | 2400                 | 21.3  | ...                    |
| SN 2009mz | 2010-01-08.565                  | ...                   | 1                   | 3422-9900               | 3.4/10.1                 | 148.0                    | 1.49                 | 2100                 | 38.0  | ...                    |
| SN 2009mz | 2010-02-14.553                  | ...                   | 1                   | 3442-10800              | 3.7/10.9                 | 183.6                    | 1.41                 | 1800                 | 30.8  | ...                    |
| SN 2009na | 2010-01-08.352                  | 3.0                   | 1                   | 3424-10600              | 3.9/9.0                  | 119.0                    | 1.35                 | 1912                 | 23.2  | ...                    |
| SN 2009na | 2010-01-16.456                  | 10.9                  | 1                   | 3470-10226              | 3.8/9.8                  | 120.0                    | 1.02                 | 2100                 | 19.1  | ...                    |
| SN 2009na | 2010-02-14.523                  | 39.4                  | 1                   | 3450-10800              | 3.9/12.0                 | 62.5                     | 1.36                 | 1500                 | 16.8  | ...                    |

Table 1 continued

| SN Name   | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}$ <sup>b</sup> | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|-----------|---------------------------------|-----------------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2009nq | 2010-01-08.113                  | ...                   | 1                   | 3420-10600              | 4.0/9.4                  | 49.7                     | 1.26                 | 1500                 | 15.9  | ...                    |
| SN 2009nk | 2010-01-16.595                  | ...                   | 1                   | 3470-9918               | 3.8/11.3                 | 160.0                    | 1.17                 | 1800                 | 22.0  | ...                    |
| SN 2009nk | 2010-02-14.474                  | ...                   | 1                   | 3488-9978               | 3.5/12.5                 | 144.8                    | 1.23                 | 1800                 | 14.1  | ...                    |
| SN 2010A  | 2010-01-08.172                  | ...                   | 1                   | 3460-10100              | 3.5/11.0                 | 165.7                    | 1.28                 | 2100                 | 11.2  | ...                    |
| SN 2010B  | 2010-01-16.604                  | ...                   | 1                   | 3470-10800              | 4.3/11.3                 | 183.6                    | 1.09                 | 900                  | 40.2  | ...                    |
| SN 2010B  | 2010-02-14.441                  | ...                   | 1                   | 3450-10800              | 4.0/12.6                 | 60.5                     | 1.14                 | 1500                 | 37.3  | ...                    |
| SN 2010B  | 2010-02-19.524                  | ...                   | 1                   | 3506-10086              | 3.8/9.9                  | 178.0                    | 1.09                 | 1500                 | 6.3   | ...                    |
| SN 2010B  | 2010-03-15.432                  | ...                   | 1                   | 3450-10060              | 4.0/10.2                 | 199.7                    | 1.09                 | 1500                 | 22.5  | ...                    |
| SN 2010N  | 2010-01-16.566                  | ...                   | 1                   | 3470-10800              | 4.1/11.6                 | 162.8                    | 1.07                 | 1800                 | 33.1  | ...                    |
| SN 2010N  | 2010-02-14.420                  | ...                   | 1                   | 3450-10800              | 3.9/12.9                 | 131.6                    | 1.14                 | 2100                 | 21.4  | ...                    |
| SN 2010H  | 2010-02-14.252                  | ...                   | 1                   | 3450-10800              | 3.6/11.0                 | 160.5                    | 1.25                 | 1500                 | 27.6  | ...                    |
| SN 2010H  | 2010-02-19.257                  | ...                   | 1                   | 3506-10196              | 3.7/10.4                 | 164.8                    | 1.24                 | 1800                 | 18.8  | ...                    |
| SN 2010H  | 2010-03-15.163                  | ...                   | 1                   | 3450-10098              | 3.4/9.1                  | 154.9                    | 1.27                 | 1800                 | 23.8  | ...                    |
| SN 2010V  | 2010-02-14.575                  | ...                   | 1                   | 3450-10800              | 3.6/12.5                 | 211.2                    | 1.02                 | 1500                 | 49.6  | ...                    |
| SN 2010V  | 2010-03-15.455                  | ...                   | 1                   | 3450-10150              | 3.7/12.1                 | 134.4                    | 1.01                 | 1500                 | 19.0  | ...                    |
| SN 2010V  | 2010-05-07.456                  | ...                   | 1                   | 3488-9874               | 3.2/9.9                  | 68.4                     | 1.23                 | 2100                 | 10.1  | ...                    |
| SN 2010Y  | 2010-02-14.313                  | -6.4                  | 1                   | 3450-10800              | 4.0/11.0                 | 55.8                     | 1.19                 | 1500                 | 57.6  | ...                    |
| SN 2010Y  | 2010-02-19.392                  | -1.4                  | 1                   | 3506-10800              | 3.8/9.7                  | 185.5                    | 1.14                 | 1500                 | 28.4  | ...                    |
| SN 2010Y  | 2010-03-09.325                  | 16.4                  | 2                   | 3404-7570               | 9.0/0.0                  | 225.0                    | 1.60                 | 500                  | 56.9  | ...                    |
| SN 2010Y  | 2010-03-15.278                  | 22.3                  | 1                   | 3450-10194              | 3.7/9.4                  | 28.2                     | 1.15                 | 1200                 | 41.8  | ...                    |
| SN 2010p1 | 2010-02-19.369                  | ...                   | 1                   | 3506-10202              | 3.8/10.1                 | 161.0                    | 1.08                 | 2100                 | 33.5  | ...                    |
| SN 2010p1 | 2010-03-15.225                  | ...                   | 1                   | 3450-10156              | 3.6/10.6                 | 67.3                     | 1.14                 | 1800                 | 27.9  | ...                    |
| SN 2010ag | 2010-03-15.567                  | 0.3                   | 1                   | 3450-10060              | 3.7/11.1                 | 138.0                    | 1.01                 | 1200                 | 38.9  | ...                    |
| SN 2010ag | 2010-03-22.572                  | 7.1                   | 1                   | 3446-10800              | 6.2/11.5                 | 185.7                    | 1.01                 | 1500                 | 9.3   | ...                    |
| SN 2010ag | 2010-05-14.509                  | 58.3                  | 1                   | 3530-9916               | 3.7/11.1                 | 67.3                     | 1.18                 | 2400                 | 10.2  | ...                    |
| SN 2010ai | 2010-03-15.357                  | -6.4                  | 1                   | 3450-9980               | 3.3/10.0                 | 122.3                    | 1.04                 | 1500                 | 41.7  | ...                    |
| SN 2010an | 2010-03-22.548                  | ...                   | 1                   | 3446-10096              | 3.8/11.0                 | 104.9                    | 1.01                 | 1800                 | 42.8  | ...                    |
| SN 2010an | 2010-04-08.496                  | ...                   | 1                   | 3436-10138              | 3.2/9.7                  | 23.0                     | 1.00                 | 1500                 | 26.5  | ...                    |
| SN 2010an | 2010-05-07.505                  | ...                   | 1                   | 3452-9890               | 3.6/10.7                 | 74.8                     | 1.13                 | 1500                 | 10.6  | ...                    |
| SN 2010au | 2010-03-22.199                  | ...                   | 1                   | 3446-10080              | 3.6/10.1                 | 106.0                    | 1.01                 | 1757                 | 22.7  | ...                    |
| SN 2010au | 2010-04-08.200                  | ...                   | 1                   | 3436-10058              | 4.0/11.8                 | 59.2                     | 1.00                 | 1500                 | 16.6  | ...                    |
| SN 2010ax | 2010-04-08.473                  | ...                   | 1                   | 3502-10066              | 3.3/11.8                 | 26.6                     | 1.17                 | 1500                 | 6.1   | ...                    |
| SN 2010ao | 2010-03-22.419                  | -11.1                 | 1                   | 3446-10790              | 3.6/10.7                 | 170.0                    | 1.20                 | 2400                 | 24.0  | ...                    |
| SN 2010at | 2010-04-08.452                  | ...                   | 1                   | 3436-10110              | 3.2/9.8                  | 127.0                    | 1.39                 | 2100                 | 30.1  | ...                    |
| SN 2010ba | 2010-04-08.415                  | ...                   | 1                   | 3436-10138              | 3.3/9.8                  | 48.0                     | 1.29                 | 1750                 | 53.2  | ...                    |
| SN 2010ba | 2010-04-15.364                  | ...                   | 1                   | 3462-10052              | 4.4/9.6                  | 39.0                     | 1.17                 | 2100                 | 31.9  | ...                    |
| SN 2010ba | 2010-05-07.329                  | ...                   | 1                   | 3440-9854               | 3.2/9.9                  | 46.4                     | 1.27                 | 1800                 | 31.4  | ...                    |
| SN 2010bn | 2010-04-08.298                  | ...                   | 1                   | 3452-10034              | 4.0/9.8                  | 175.6                    | 1.36                 | 1800                 | 23.9  | ...                    |
| SN 2010bu | 2010-04-15.416                  | ...                   | 1                   | 3492-10134              | 4.0/10.7                 | 164.0                    | 1.26                 | 2100                 | 5.4   | ...                    |
| SN 2010bu | 2010-05-07.483                  | ...                   | 1                   | 3440-10166              | 3.0/10.6                 | 37.5                     | 1.47                 | 1800                 | 18.5  | ...                    |
| SN 2010cp | 2010-05-14.235                  | ...                   | 1                   | 3430-10422              | 3.6/9.5                  | 170.0                    | 1.65                 | 2100                 | 24.2  | ...                    |
| SN 2010cs | 2010-06-12.404                  | ...                   | 2                   | 3690-10180              | 4.5/6.3                  | 83.0                     | 1.11                 | 600                  | 9.5   | ...                    |
| SN 2010cr | 2010-05-07.423                  | 8.2                   | 1                   | 3440-9962               | 4.5/10.6                 | 50.8                     | 1.50                 | 1500                 | 14.8  | ...                    |
| SN 2010cr | 2010-05-14.287                  | 15.0                  | 1                   | 3430-10178              | 3.3/11.1                 | 184.2                    | 1.13                 | 1800                 | 21.3  | ...                    |
| SN 2010dl | 2010-06-12.623                  | 18.1                  | 2                   | 3274-10158              | 4.5/6.7                  | 12.0                     | 1.07                 | 180                  | 21.0  | ...                    |
| SN 2010eb | 2010-08-15.524                  | ...                   | 1                   | 3458-10154              | 4.0/9.6                  | 178.4                    | 1.18                 | 2100                 | 29.1  | ...                    |
| SN 2010gj | 2010-08-15.393                  | ...                   | 1                   | 3556-9774               | 4.1/9.2                  | 185.2                    | 1.76                 | 2400                 | 6.0   | ...                    |
| SN 2010gl | 2010-08-10.316                  | ...                   | 1                   | 3430-10274              | 3.4/9.7                  | 98.8                     | 1.41                 | 1800                 | 59.3  | ...                    |
| SN 2010gl | 2010-08-15.251                  | ...                   | 1                   | 3440-10112              | 4.3/9.1                  | 119.4                    | 1.18                 | 1800                 | 48.0  | ...                    |
| SN 2010gv | 2010-08-15.318                  | ...                   | 1                   | 3440-10238              | 4.3/9.4                  | 105.0                    | 1.17                 | 1800                 | 64.5  | ...                    |
| SN 2010gz | 2010-09-03.492                  | ...                   | 1                   | 3480-10162              | 3.9/9.6                  | 189.2                    | 1.60                 | 1200                 | 20.9  | ...                    |
| SN 2010hh | 2010-09-03.286                  | ...                   | 1                   | 3430-10086              | 4.3/9.3                  | 91.3                     | 1.32                 | 2700                 | 33.4  | ...                    |
| SN 2010hz | 2010-10-01.434                  | ...                   | 1                   | 3440-9804               | 4.0/9.6                  | 37.5                     | 1.02                 | 1800                 | 12.1  | ...                    |
| SN 2010ii | 2010-10-01.310                  | ...                   | 1                   | 3440-10046              | 5.9/9.4                  | 69.8                     | 1.01                 | 2400                 | 26.1  | ...                    |
| SN 2010ii | 2010-10-11.291                  | ...                   | 1                   | 3440-10176              | 3.4/8.9                  | 78.7                     | 1.03                 | 1800                 | 60.9  | ...                    |
| SN 2010iw | 2010-11-02.576                  | 10.4                  | 1                   | 3438-10200              | 4.2/10.0                 | 133.4                    | 1.03                 | 1800                 | 64.1  | ...                    |
| SN 2010ju | 2010-11-30.309                  | 6.1                   | 1                   | 3436-10094              | 4.5/9.8                  | 130.4                    | 1.21                 | 1500                 | 49.8  | ...                    |
| SN 2010ju | 2010-12-14.284                  | 19.9                  | 1                   | 3448-10084              | 3.4/9.0                  | 132.4                    | 1.19                 | 2100                 | 25.8  | ...                    |
| SN 2010kg | 2010-11-30.253                  | -13.0                 | 1                   | 3436-9992               | 4.5/9.9                  | 135.2                    | 1.45                 | 1800                 | 18.6  | ...                    |
| SN 2010kg | 2010-12-14.252                  | 0.8                   | 1                   | 3476-10214              | 3.4/8.6                  | 145.0                    | 1.27                 | 1800                 | 43.8  | ...                    |
| SN 2011H  | 2011-01-13.149                  | ...                   | 1                   | 3460-10234              | 3.6/8.8                  | 189.4                    | 1.01                 | 1200                 | 28.0  | ...                    |
| SN 2011K  | 2011-01-26.247                  | 9.1                   | 1                   | 3520-9702               | 4.6/10.6                 | 183.6                    | 1.46                 | 1500                 | 9.2   | ...                    |
| SN 2011U  | 2011-02-02.247                  | ...                   | 1                   | 3446-10086              | 3.3/9.5                  | 59.5                     | 1.10                 | 2100                 | 21.6  | ...                    |
| SN 2011ao | 2011-03-09.419                  | -8.7                  | 2                   | 3122-10234              | 4.0/6.0                  | 232.5                    | 1.06                 | 300                  | 139.1 | ...                    |
| SN 2011ao | 2011-03-30.274                  | 11.9                  | 1                   | 3438-10238              | 4.0/10.5                 | 108.4                    | 1.04                 | 1200                 | 77.8  | ...                    |

Table 1 continued

| SN Name   | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}^b$ | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|-----------|---------------------------------|------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2011ao | 2011-04-25.216                  | 37.6       | 1                   | 3440-10372              | 4.0/10.1                 | 112.6                    | 1.02                 | 1200                 | 39.1  | ...                    |
| SN 2011ay | 2011-03-29.174                  | ...        | 1                   | 3444-10060              | 4.4/10.0                 | 136.1                    | 1.05                 | 1500                 | 52.6  | 3                      |
| SN 2011ay | 2011-04-02.183                  | ...        | 1                   | 3478-10230              | 3.9/10.9                 | 121.2                    | 1.08                 | 1951                 | 31.7  | 3                      |
| SN 2011ay | 2011-04-05.178                  | ...        | 1                   | 3434-10346              | 3.9/10.2                 | 123.2                    | 1.07                 | 1800                 | 37.9  | 3                      |
| SN 2011ay | 2011-04-11.241                  | ...        | 1                   | 3436-10800              | 4.0/9.3                  | 94.2                     | 1.27                 | 1800                 | 31.3  | 3                      |
| SN 2011ay | 2011-04-27.196                  | ...        | 1                   | 3466-10162              | 3.9/9.9                  | 94.0                     | 1.27                 | 1800                 | 11.2  | 3                      |
| SN 2011ay | 2011-05-07.203                  | ...        | 1                   | 3490-10118              | 4.3/9.9                  | 85.2                     | 1.41                 | 2100                 | 8.9   | 3                      |
| SN 2011ay | 2011-05-21.220                  | ...        | 1                   | 3472-9970               | 3.8/10.1                 | 72.2                     | 1.84                 | 2100                 | 16.8  | 3                      |
| SN 2011ay | 2011-06-03.241                  | ...        | 2                   | 3348-10164              | 3.8/6.0                  | 88.0                     | 2.44                 | 450                  | 5.9   | 3                      |
| SN 2011ay | 2011-09-26.556                  | ...        | 2                   | 3556-10250              | 3.7/6.1                  | 257.0                    | 1.63                 | 1850                 | 6.7   | 3                      |
| SN 2011by | 2011-04-28.239                  | -11.1      | 1                   | 3440-10246              | 3.9/10.1                 | 194.8                    | 1.05                 | 600                  | 82.1  | 4                      |
| SN 2011by | 2011-05-04.249                  | -5.1       | 1                   | 3440-10228              | 3.9/10.4                 | 163.1                    | 1.06                 | 600                  | 87.4  | 4                      |
| SN 2011by | 2011-05-06.235                  | -3.1       | 1                   | 3440-10204              | 3.9/10.3                 | 172.8                    | 1.05                 | 600                  | 106.9 | 4                      |
| SN 2011by | 2011-05-10.242                  | 0.9        | 1                   | 3438-10196              | 3.4/10.0                 | 151.5                    | 1.06                 | 600                  | 91.7  | 4                      |
| SN 2011by | 2011-05-14.246                  | 4.9        | 1                   | 3456-10204              | 4.1/9.9                  | 143.2                    | 1.07                 | 600                  | 95.9  | 4                      |
| SN 2011by | 2011-05-22.273                  | 12.9       | 1                   | 3464-10262              | 3.6/9.8                  | 114.0                    | 1.15                 | 600                  | 78.7  | 4                      |
| SN 2011by | 2011-05-25.307                  | 15.9       | 1                   | 3436-10238              | 3.7/10.2                 | 97.0                     | 1.27                 | 600                  | 67.3  | 4                      |
| SN 2011by | 2011-06-08.286                  | 29.9       | 1                   | 3436-10800              | 3.9/10.3                 | 93.6                     | 1.33                 | 600                  | 54.7  | 4                      |
| SN 2011by | 2011-06-30.221                  | 51.7       | 1                   | 3448-10250              | 3.3/9.9                  | 94.8                     | 1.29                 | 1000                 | 48.6  | 4                      |
| SN 2011by | 2011-12-02.608                  | 206.7      | 2                   | 3332-10138              | 3.7/6.1                  | 241.0                    | 1.50                 | 450                  | 25.8  | 4                      |
| SN 2011by | 2012-03-15.517                  | 310.3      | 2                   | 3225-10200              | 3.6/6.1                  | 139.0                    | 1.32                 | 900                  | 15.9  | 4                      |
| SN 2011dm | 2011-06-30.429                  | ...        | 1                   | 3420-10278              | 3.3/9.0                  | 214.3                    | 1.27                 | 1800                 | 80.7  | ...                    |
| SN 2011dn | 2011-06-30.452                  | ...        | 1                   | 3420-10132              | 3.7/9.9                  | 194.1                    | 1.25                 | 1500                 | 67.6  | ...                    |
| SN 2011fg | 2011-08-28.529                  | ...        | 2                   | 3244-10250              | 4.5/6.5                  | 78.0                     | 1.07                 | 450                  | 49.9  | ...                    |
| SN 2011fg | 2011-09-02.398                  | ...        | 1                   | 3416-10178              | 3.3/9.3                  | 201.5                    | 1.09                 | 1800                 | 28.5  | ...                    |
| SN 2011fe | 2011-08-25.163                  | -17.2      | 1                   | 3420-10290              | 3.6/9.8                  | 89.5                     | 1.37                 | 1200                 | 77.8  | ...                    |
| SN 2011fe | 2011-08-28.273                  | -14.1      | 2                   | 3184-11212              | 10.4/4.9                 | 97.5                     | 2.09                 | 550                  | 157.7 | ...                    |
| SN 2011fe | 2011-09-26.196                  | 14.8       | 2                   | 3230-10250              | 4.5/7.2                  | 96.0                     | 2.13                 | 94                   | 105.0 | ...                    |
| SN 2011fe | 2011-09-29.114                  | 17.7       | 1                   | 3488-10144              | 4.0/9.0                  | 77.4                     | 1.65                 | 70                   | 34.6  | ...                    |
| SN 2011fe | 2011-09-30.119                  | 18.7       | 1                   | 3458-8110               | 4.1/5.2                  | 73.6                     | 1.72                 | 120                  | 46.6  | ...                    |
| SN 2011fe | 2011-10-01.121                  | 19.7       | 1                   | 3460-8084               | 4.5/5.6                  | 74.8                     | 1.76                 | 240                  | 49.4  | ...                    |
| SN 2011fe | 2011-11-26.586                  | 76.1       | 1                   | 3436-10230              | 4.0/9.8                  | 91.2                     | 1.33                 | 120                  | 42.7  | ...                    |
| SN 2011fe | 2011-12-02.662                  | 82.2       | 2                   | 3168-10138              | 3.7/5.7                  | 256.0                    | 1.70                 | 270                  | 38.2  | ...                    |
| SN 2011fe | 2011-12-18.535                  | 98.1       | 1                   | 3430-10340              | 3.9/9.4                  | 87.9                     | 1.29                 | 360                  | 48.9  | ...                    |
| SN 2011fe | 2012-01-03.464                  | 114.0      | 1                   | 3430-10182              | 4.0/9.0                  | 92.8                     | 1.42                 | 480                  | 40.7  | ...                    |
| SN 2011fe | 2012-01-18.542                  | 129.0      | 1                   | 3456-10096              | 4.1/9.5                  | 52.1                     | 1.08                 | 840                  | 34.0  | ...                    |
| SN 2011fe | 2012-02-23.431                  | 164.9      | 1                   | 3444-10258              | 3.9/9.1                  | 70.4                     | 1.09                 | 450                  | 33.8  | ...                    |
| SN 2011fe | 2012-04-02.416                  | 203.9      | 1                   | 3442-10336              | 3.2/9.7                  | 160.4                    | 1.05                 | 450                  | 31.2  | 5                      |
| SN 2011fe | 2012-04-23.367                  | 224.8      | 1                   | 3440-10186              | 5.2/11.1                 | 155.4                    | 1.06                 | 450                  | 27.9  | 5                      |
| SN 2011fe | 2012-07-17.291                  | 309.6      | 1                   | 3460-10264              | 4.3/10.9                 | 84.6                     | 1.50                 | 3000                 | 22.0  | 5                      |
| SN 2011fe | 2012-08-23.204                  | 346.5      | 1                   | 3490-10248              | 4.3/10.9                 | 73.2                     | 1.68                 | 1800                 | 23.6  | 5                      |
| SN 2011fe | 2012-09-24.238                  | 378.5      | 2                   | 3236-10280              | ...                      | ...                      | ...                  | ...                  | 22.5  | ...                    |
| SN 2011fk | 2011-10-25.330                  | ...        | 1                   | 3432-9912               | 4.4/9.0                  | 83.2                     | 1.03                 | 2400                 | 13.8  | ...                    |
| SN 2011fs | 2011-09-26.262                  | -2.6       | 2                   | 3140-10250              | 3.7/6.2                  | 249.0                    | 1.17                 | 180                  | 98.7  | ...                    |
| SN 2011fs | 2011-09-29.288                  | 0.3        | 1                   | 3438-9924               | 3.3/9.8                  | 78.4                     | 1.02                 | 900                  | 32.4  | ...                    |
| SN 2011fs | 2011-10-25.273                  | 25.8       | 1                   | 3432-10706              | 3.3/8.9                  | 76.9                     | 1.14                 | 1500                 | 28.1  | ...                    |
| SN 2011gy | 2011-10-25.418                  | ...        | 1                   | 3432-10750              | 3.3/9.2                  | 116.0                    | 1.01                 | 1500                 | 22.4  | ...                    |
| SN 2011hb | 2011-11-01.353                  | ...        | 2                   | 3204-10250              | 3.7/6.3                  | 56.0                     | 1.08                 | 175                  | 50.9  | ...                    |
| SN 2011iv | 2011-12-26.326                  | ...        | 2                   | 3360-10200              | 3.7/5.5                  | 2.1                      | 1.76                 | 300                  | 105.6 | ...                    |
| SN 2011iv | 2012-02-21.264                  | ...        | 2                   | 3236-10160              | 3.7/5.9                  | 40.0                     | 2.37                 | 300                  | 53.1  | ...                    |
| SN 2011jh | 2011-12-27.589                  | ...        | 1                   | 3446-10078              | 4.3/9.5                  | 173.7                    | 1.49                 | 901                  | 59.1  | ...                    |
| SN 2011jh | 2012-01-03.523                  | ...        | 1                   | 3446-10252              | 4.0/8.9                  | 159.7                    | 1.62                 | 1200                 | 69.0  | ...                    |
| SN 2011jh | 2012-04-29.485                  | ...        | 2                   | 3372-10160              | 3.7/5.2                  | 56.0                     | 1.74                 | 900                  | 14.9  | ...                    |
| SN 2011jr | 2012-01-03.489                  | ...        | 1                   | 3430-10078              | 4.0/8.3                  | 60.0                     | 1.41                 | 2400                 | 24.3  | ...                    |
| SN 2011jr | 2012-01-18.304                  | ...        | 1                   | 3434-10266              | 3.4/8.7                  | 170.0                    | 1.03                 | 2100                 | 33.5  | ...                    |
| SN 2011jn | 2012-01-03.592                  | ...        | 1                   | 3430-10134              | 4.0/9.9                  | 181.7                    | 1.73                 | 1800                 | 9.4   | ...                    |
| SN 2011jt | 2012-01-03.552                  | ...        | 1                   | 3430-10036              | 4.5/8.7                  | 138.3                    | 1.65                 | 1200                 | 22.9  | ...                    |
| SN 2011jt | 2012-01-18.572                  | ...        | 1                   | 3452-10008              | 3.9/8.4                  | 142.4                    | 1.30                 | 2100                 | 8.4   | ...                    |
| SN 2012B  | 2012-01-18.209                  | ...        | 1                   | 3434-10224              | 3.3/9.0                  | 86.3                     | 1.02                 | 2400                 | 22.6  | ...                    |
| SN 2012E  | 2012-01-18.177                  | -4.3       | 1                   | 3456-10036              | 3.4/9.3                  | 207.0                    | 1.20                 | 2100                 | 17.3  | ...                    |
| SN 2012Z  | 2012-02-01.226                  | -7.6       | 1                   | 3450-10096              | 4.0/9.0                  | 214.8                    | 2.33                 | 842                  | 50.3  | 3                      |
| SN 2012Z  | 2012-02-02.167                  | -6.7       | 1                   | 3444-10188              | 4.2/9.0                  | 199.9                    | 1.78                 | 2400                 | 44.4  | 3                      |
| SN 2012Z  | 2012-02-21.259                  | 12.3       | 2                   | 3252-10160              | 3.7/6.1                  | 49.0                     | 1.61                 | 300                  | 76.1  | 3                      |
| SN 2012Z  | 2012-03-15.216                  | 35.1       | 2                   | 3167-10084              | 3.6/6.0                  | 54.0                     | 1.82                 | 510                  | 57.1  | 3                      |
| SN 2012c1 | 2012-05-17.241                  | ...        | 2                   | 3343-10100              | 3.7/6.2                  | -0.1                     | 1.08                 | 300                  | 29.7  | ...                    |

Table 1 continued

| SN Name   | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}^b$ | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|-----------|---------------------------------|------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2012c1 | 2012-06-16.300                  | ...        | 2                   | 3346-10069              | 4.1/6.1                  | 63.0                     | 1.78                 | 1200                 | 27.1  | ...                    |
| SN 2012cg | 2012-05-18.234                  | -16.4      | 1                   | 3434-8198               | 4.3/5.7                  | 194.8                    | 1.16                 | 3000                 | 54.9  | 6                      |
| SN 2012cg | 2012-05-19.231                  | -15.4      | 1                   | 3440-8200               | 4.3/5.6                  | 189.7                    | 1.14                 | 2400                 | 127.4 | 6                      |
| SN 2012cg | 2012-05-21.186                  | -13.4      | 1                   | 3456-10250              | 4.4/11.0                 | 174.1                    | 1.13                 | 600                  | 72.2  | 6                      |
| SN 2012cg | 2012-05-26.235                  | -8.4       | 1                   | 3490-8314               | 5.2/6.3                  | 220.3                    | 1.20                 | 300                  | 81.7  | 6                      |
| SN 2012cg | 2012-05-28.198                  | -6.4       | 1                   | 3490-8124               | 5.1/5.8                  | 191.2                    | 1.15                 | 300                  | 95.1  | 6                      |
| SN 2012cg | 2012-05-29.180                  | -5.4       | 1                   | 3452-10232              | 4.0/10.5                 | 184.8                    | 1.13                 | 300                  | 113.0 | 6                      |
| SN 2012cg | 2012-06-13.226                  | 9.6        | 1                   | 3430-10154              | 4.3/10.6                 | 45.3                     | 1.35                 | 360                  | 74.2  | ...                    |
| SN 2012cg | 2012-07-11.190                  | 37.5       | 1                   | 3476-10582              | 4.7/10.8                 | 48.8                     | 1.64                 | 360                  | 56.2  | ...                    |
| SN 2012cg | 2012-07-12.226                  | 38.5       | 1                   | 3454-10226              | 4.2/11.3                 | 54.6                     | 2.24                 | 660                  | 41.9  | ...                    |
| SN 2012cg | 2012-07-20.204                  | 46.5       | 1                   | 3460-10280              | 4.6/10.5                 | 53.6                     | 2.21                 | 600                  | 44.8  | ...                    |
| SN 2012cu | 2012-06-18.293                  | ...        | 1                   | 3440-10208              | 4.3/10.4                 | 48.6                     | 2.21                 | 600                  | 63.0  | ...                    |
| SN 2012cu | 2012-06-27.245                  | ...        | 1                   | 3450-10344              | 4.3/11.1                 | 44.8                     | 1.84                 | 1200                 | 70.1  | ...                    |
| SN 2012cu | 2012-07-23.200                  | ...        | 1                   | 3472-10350              | 4.3/11.0                 | 46.8                     | 2.29                 | 3300                 | 32.7  | ...                    |
| SN 2012de | 2012-06-27.415                  | ...        | 1                   | 3496-9304               | 4.5/10.4                 | 138.2                    | 1.28                 | 3200                 | 14.7  | ...                    |
| SN 2012dn | 2012-07-11.386                  | -14.6      | 1                   | 3454-10140              | 5.6/10.3                 | 179.2                    | 2.41                 | 900                  | 69.2  | ...                    |
| SN 2012dn | 2012-07-16.491                  | -9.6       | 2                   | 3238-10004              | 6.5/6.0                  | 12.0                     | 1.53                 | 300                  | 98.0  | ...                    |
| SN 2012dv | 2012-07-23.404                  | ...        | 1                   | 3514-10058              | 4.6/10.0                 | 173.6                    | 1.56                 | 3600                 | 9.6   | ...                    |
| SN 2012ea | 2012-08-12.202                  | -6.8       | 1                   | 3460-10330              | 4.8/10.6                 | 190.6                    | 1.06                 | 1500                 | 40.0  | ...                    |
| SN 2012ea | 2012-09-18.236                  | 29.8       | 2                   | 3235-9650               | ...                      | ...                      | ...                  | ...                  | 53.0  | ...                    |
| PTF 12ild | 2012-10-17.000                  | ...        | 2                   | 3130-10266              | 4.5/6.0                  | -52.0                    | 1.21                 | 600                  | 6.2   | ...                    |
| PTF 12irf | 2012-10-17.000                  | ...        | 2                   | 3130-10267              | 4.5/6.0                  | -19.0                    | 1.06                 | 450                  | 17.3  | ...                    |
| LSQ 12fhe | 2012-10-17.000                  | ...        | 2                   | 3130-10266              | 4.5/6.0                  | 34.0                     | 1.16                 | 600                  | 105.7 | ...                    |
| SN 2012fr | 2012-11-06.383                  | -6.1       | 1                   | 3424-10274              | 5.2/9.8                  | 188.5                    | 3.55                 | 360                  | 96.0  | 7                      |
| SN 2012fr | 2012-11-14.321                  | 1.8        | 1                   | 3450-10500              | 5.1/10.1                 | 219.6                    | 3.50                 | 420                  | 74.9  | 7                      |
| SN 2012fr | 2012-11-20.300                  | 7.8        | 1                   | 3450-10500              | 4.0/10.1                 | 171.9                    | 3.53                 | 360                  | 58.9  | 7                      |
| SN 2012fr | 2012-12-18.394                  | 35.7       | 2                   | 3300-10200              | 4.5/6.0                  | 22.0                     | 1.94                 | 120                  | 93.8  | ...                    |
| SN 2012fr | 2013-01-05.161                  | 53.4       | 1                   | 3500-10500              | 4.0/10.6                 | 170.1                    | 3.65                 | 300                  | 46.9  | ...                    |
| SN 2012fr | 2013-01-13.167                  | 61.3       | 1                   | 3700-10000              | 5.1/10.3                 | 177.5                    | 3.47                 | 450                  | 35.2  | ...                    |
| SN 2012fr | 2013-01-19.096                  | 67.2       | 1                   | 3450-10500              | 4.0/10.8                 | 158.5                    | 4.13                 | 600                  | 39.8  | ...                    |
| SN 2012fr | 2013-02-07.131                  | 86.2       | 1                   | 3450-10500              | 5.2/10.8                 | 186.4                    | 3.57                 | 1200                 | 25.5  | ...                    |
| SN 2012fr | 2013-02-13.121                  | 92.1       | 1                   | 3700-10100              | 5.5/10.2                 | 187.8                    | 3.63                 | 900                  | 19.0  | ...                    |
| SN 2012gl | 2012-11-06.547                  | ...        | 1                   | 3422-10750              | 4.5/10.3                 | 136.4                    | 1.31                 | 1500                 | 22.0  | ...                    |
| SN 2012gx | 2012-11-20.167                  | ...        | 1                   | 3450-10100              | 4.6/10.6                 | 166.0                    | 1.63                 | 2400                 | 34.9  | ...                    |
| SN 2012ht | 2013-01-05.490                  | 1.9        | 1                   | 3450-10500              | 4.0/9.9                  | 173.3                    | 1.07                 | 120                  | 61.8  | ...                    |
| SN 2012ht | 2013-01-13.513                  | 9.9        | 1                   | 3450-10500              | 4.3/10.7                 | 202.8                    | 1.09                 | 360                  | 72.8  | ...                    |
| SN 2012ht | 2013-01-19.460                  | 15.8       | 1                   | 3450-10500              | 5.6/11.2                 | 175.6                    | 1.07                 | 120                  | 50.0  | ...                    |
| SN 2012ht | 2013-02-13.345                  | 40.6       | 1                   | 3450-10500              | 4.8/11.3                 | 146.1                    | 1.11                 | 600                  | 41.5  | ...                    |
| SN 2012ht | 2013-03-05.224                  | 60.4       | 1                   | 3450-10500              | 4.7/10.4                 | 128.5                    | 1.34                 | 750                  | 41.4  | ...                    |
| SN 2012ht | 2013-03-14.237                  | 69.4       | 1                   | 3450-10500              | 5.6/10.8                 | 136.5                    | 1.18                 | 1200                 | 38.8  | ...                    |
| SN 2012ht | 2013-03-22.332                  | 77.5       | 1                   | 3488-10132              | 4.8/10.5                 | 27.4                     | 1.08                 | 1200                 | 26.0  | ...                    |
| SN 2012ht | 2013-04-03.406                  | 89.5       | 1                   | 3500-10500              | 4.1/10.3                 | 54.2                     | 1.58                 | 1500                 | 31.7  | ...                    |
| SN 2012ht | 2013-04-12.383                  | 98.4       | 1                   | 3500-10500              | 4.6/10.4                 | 234.1                    | 1.59                 | 1800                 | 22.5  | ...                    |
| SN 2012ht | 2013-04-19.330                  | 105.4      | 1                   | 3700-10000              | 4.2/10.7                 | 51.6                     | 1.34                 | 1800                 | 14.9  | ...                    |
| SN 2012ht | 2013-05-02.312                  | 118.3      | 1                   | 3650-10050              | 5.0/10.2                 | 53.2                     | 1.45                 | 3000                 | 17.9  | ...                    |
| SN 2012ht | 2013-05-11.316                  | 127.3      | 1                   | 3432-10700              | 4.6/10.3                 | 54.9                     | 1.53                 | 3600                 | 8.0   | ...                    |
| SN 2012ht | 2013-05-12.255                  | 128.2      | 1                   | 3500-10500              | 4.3/10.7                 | 49.2                     | 1.33                 | 3600                 | 24.0  | ...                    |
| SN 2012ij | 2013-01-13.369                  | ...        | 1                   | 3450-10500              | 4.4/11.3                 | 125.1                    | 1.52                 | 1500                 | 41.7  | ...                    |
| SN 2012ij | 2013-01-19.535                  | ...        | 1                   | 3450-10500              | 4.5/10.4                 | 207.6                    | 1.09                 | 1500                 | 53.1  | ...                    |
| SN 2012ij | 2013-02-13.304                  | ...        | 1                   | 3450-10500              | 4.6/10.2                 | 125.1                    | 1.38                 | 3000                 | 28.3  | ...                    |
| SN 2012ij | 2013-03-05.270                  | ...        | 1                   | 3700-10200              | 4.5/9.9                  | 128.5                    | 1.27                 | 3600                 | 18.4  | ...                    |
| SN 2013E  | 2013-01-13.446                  | ...        | 1                   | 3450-10000              | 4.8/10.2                 | 178.0                    | 3.15                 | 300                  | 48.8  | ...                    |
| SN 2013E  | 2013-01-19.427                  | ...        | 1                   | 3450-10500              | 5.3/10.2                 | 179.1                    | 3.14                 | 450                  | 72.5  | ...                    |
| SN 2013E  | 2013-02-13.333                  | ...        | 1                   | 3450-10500              | 5.2/10.4                 | 171.0                    | 3.21                 | 600                  | 39.7  | ...                    |
| SN 2013E  | 2013-03-05.323                  | ...        | 1                   | 3700-10500              | 5.0/10.6                 | 181.7                    | 3.21                 | 1800                 | 42.5  | ...                    |
| SN 2013E  | 2013-03-14.263                  | ...        | 1                   | 3700-10000              | 5.1/10.5                 | 175.5                    | 3.17                 | 1800                 | 40.1  | ...                    |
| SN 2013Q  | 2013-02-07.105                  | ...        | 1                   | 3450-10100              | 4.2/11.0                 | 64.2                     | 1.48                 | 800                  | 28.5  | ...                    |
| SN 2013Q  | 2013-02-13.139                  | ...        | 1                   | 3450-10500              | 5.2/10.1                 | 239.6                    | 2.08                 | 900                  | 36.1  | ...                    |
| SN 2013S  | 2013-02-07.155                  | ...        | 1                   | 3450-10500              | 5.2/10.5                 | 90.1                     | 1.03                 | 1800                 | 59.9  | ...                    |
| SN 2013gq | 2013-04-03.340                  | 1.1        | 1                   | 3500-10000              | 4.2/10.9                 | 59.5                     | 1.93                 | 600                  | 20.2  | ...                    |
| SN 2013gq | 2013-04-04.235                  | 2.0        | 1                   | 3450-10500              | ...                      | 53.6                     | 1.15                 | 600                  | 64.0  | ...                    |
| SN 2013gq | 2013-04-12.230                  | 9.9        | 1                   | 3500-10500              | 4.3/10.3                 | 57.1                     | 1.22                 | 450                  | 47.1  | ...                    |
| SN 2013gq | 2013-04-19.165                  | 16.7       | 1                   | 3500-10500              | 4.6/10.0                 | 47.5                     | 1.08                 | 600                  | 43.5  | ...                    |
| SN 2013ct | 2013-08-12.398                  | ...        | 1                   | 3450-10500              | 4.7/10.8                 | 142.5                    | 1.52                 | 300                  | 34.1  | ...                    |
| SN 2013dj | 2013-06-14.413                  | ...        | 1                   | 3500-10000              | 5.0/10.4                 | 219.4                    | 1.47                 | 1800                 | 22.1  | ...                    |

Table 1 continued

| SN<br>Name            | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}^b$ | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|-----------------------|---------------------------------|------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2013dh             | 2013-06-14.284                  | -5.7       | 1                   | 3500-10000              | 4.7/10.6                 | 187.9                    | 1.12                 | 2400                 | 25.9  | ...                    |
| SN 2013dh             | 2013-06-17.376                  | -2.6       | 1                   | 3500-10000              | 4.4/10.3                 | 50.4                     | 1.58                 | 3000                 | 22.4  | ...                    |
| SN 2013dh             | 2013-07-07.387                  | 17.1       | 1                   | 3700-10000              | 4.4/10.6                 | 53.1                     | 2.91                 | 3600                 | 9.2   | ...                    |
| SN 2013dh             | 2013-07-09.372                  | 19.1       | 1                   | 3700-10000              | 5.0/10.4                 | 53.7                     | 2.28                 | 1500                 | 8.6   | ...                    |
| SN 2013di             | 2013-06-14.465                  | ...        | 1                   | 3700-10000              | 4.9/11.0                 | 127.1                    | 1.17                 | 1350                 | 9.4   | ...                    |
| SN 2013di             | 2013-07-08.398                  | ...        | 1                   | 3700-10000              | 4.6/11.0                 | 129.3                    | 1.11                 | 3600                 | 24.8  | ...                    |
| SN 2013dy             | 2013-07-15.418                  | -11.7      | 1                   | 3500-10500              | 4.6/11.5                 | 80.4                     | 1.02                 | 600                  | 103.1 | 8                      |
| SN 2013dy             | 2013-08-04.408                  | 8.2        | 1                   | 3452-10178              | 4.0/11.9                 | 154.3                    | 1.00                 | 360                  | 95.2  | 9                      |
| SN 2013dy             | 2013-08-08.406                  | 12.2       | 1                   | 3450-10500              | 4.0/11.2                 | 102.3                    | 1.01                 | 360                  | 90.2  | 9                      |
| SN 2013dy             | 2013-08-12.406                  | 16.2       | 1                   | 3450-10500              | 5.5/10.0                 | 110.8                    | 1.01                 | 360                  | 61.9  | 9                      |
| SN 2013dy             | 2013-08-30.415                  | 34.2       | 1                   | 3450-10500              | ...                      | 87.4                     | 1.10                 | 180                  | 44.3  | 9                      |
| SN 2013dy             | 2013-09-06.316                  | 41.0       | 1                   | 3450-10500              | 4.4/11.5                 | 152.7                    | 1.00                 | 180                  | 46.3  | 9                      |
| SN 2013dy             | 2013-10-05.226                  | 69.8       | 1                   | 3450-10500              | ...                      | 206.4                    | 1.00                 | 450                  | 37.7  | 9                      |
| SN 2013dy             | 2013-10-10.264                  | 74.8       | 1                   | 3452-10500              | 4.5/11.2                 | 278.3                    | 1.03                 | 450                  | 26.4  | 9                      |
| SN 2013dy             | 2013-10-26.326                  | 90.8       | 1                   | 3450-10500              | 4.5/10.5                 | 75.7                     | 1.36                 | 900                  | 32.4  | 9                      |
| SN 2013dy             | 2013-11-03.242                  | 98.7       | 1                   | 3500-10000              | 4.5/10.0                 | 266.8                    | 1.11                 | 1800                 | 41.6  | 9                      |
| SN 2013dy             | 2013-11-28.243                  | 123.6      | 1                   | 3500-10000              | 4.5/12.0                 | 75.7                     | 1.41                 | 1800                 | 16.9  | 9                      |
| SN 2013dy             | 2013-12-03.000                  | 128.4      | 2                   | 3074-10262              | 3.0/6.0                  | 150.0                    | 1.13                 | 350                  | 40.1  | 9                      |
| SN 2013dy             | 2013-12-06.118                  | 131.5      | 1                   | 3446-10600              | 4.5/11.3                 | 94.0                     | 1.02                 | 1800                 | 27.1  | 9                      |
| SN 2013dy             | 2014-09-24.000                  | 422.2      | 2                   | 3074-10272              | ...                      | 193.0                    | 1.07                 | 1000                 | 9.3   | 9                      |
| SN 2013gh             | 2013-08-12.370                  | -11.8      | 1                   | 3450-10500              | 4.7/10.7                 | 182.0                    | 1.81                 | 3600                 | 67.5  | ...                    |
| SN 2013gh             | 2013-11-03.207                  | 70.3       | 1                   | 3500-10000              | 4.7/11.2                 | 201.6                    | 2.06                 | 2700                 | 41.3  | ...                    |
| SN 2013gh             | 2014-09-24.000                  | 392.2      | 2                   | 3074-10271              | ...                      | ...                      | 1.30                 | 600                  | 13.6  | ...                    |
| SN 2013fa             | 2013-09-02.175                  | 2.0        | 1                   | 3500-10500              | 4.4/11.7                 | 138.5                    | 1.23                 | 1115                 | 29.8  | ...                    |
| SN 2013fw             | 2014-10-24.000                  | 347.3      | 2                   | 3075-10257              | ...                      | 53.9                     | 1.03                 | 1200                 | 14.3  | ...                    |
| SN 2013gs             | 2013-12-06.496                  | ...        | 1                   | 3446-10150              | 4.5/10.0                 | 54.5                     | 1.03                 | 600                  | 22.4  | ...                    |
| SN 2013gy             | 2013-12-28.000                  | 5.6        | 2                   | 3073-10266              | ...                      | 75.0                     | 1.12                 | 200                  | 78.0  | ...                    |
| SN 2013gy             | 2014-01-23.257                  | 31.5       | 1                   | 3600-10500              | 5.4/11.0                 | 214.7                    | 1.73                 | 900                  | 35.7  | ...                    |
| SN 2013gy             | 2014-09-24.000                  | 271.8      | 2                   | 3074-10271              | ...                      | -48.1                    | 1.24                 | 1245                 | 10.8  | 5                      |
| PSN J03055989+0432382 | 2013-12-28.000                  | ...        | 2                   | 3073-10266              | ...                      | 52.0                     | 1.12                 | 300                  | 49.1  | ...                    |
| SN 2013hs             | 2013-09-06.471                  | ...        | 1                   | 3450-10500              | 4.4/11.0                 | 187.5                    | 1.14                 | 1000                 | 26.0  | ...                    |
| SN 2014J              | 2014-03-07.136                  | 33.9       | 1                   | 3450-10500              | 5.0/10.0                 | 75.9                     | 1.39                 | 180                  | 72.7  | ...                    |
| SN 2014J              | 2014-03-24.419                  | 51.2       | 1                   | 3500-10000              | 4.6/11.9                 | 105.2                    | 1.43                 | 180                  | 57.8  | ...                    |
| SN 2014J              | 2014-04-04.311                  | 62.1       | 1                   | 3500-10500              | 4.8/11.7                 | 135.2                    | 1.25                 | 400                  | 58.3  | ...                    |
| SN 2014J              | 2014-04-29.217                  | 87.0       | 1                   | 3500-10500              | 4.5/11.8                 | 146.3                    | 1.22                 | 600                  | 58.6  | ...                    |
| SN 2014J              | 2014-05-28.236                  | 116.0      | 1                   | 3700-10000              | 4.7/10.0                 | 105.3                    | 1.41                 | 300                  | 46.5  | ...                    |
| SN 2014J              | 2014-06-05.215                  | 123.9      | 1                   | 3500-10500              | 4.5/10.0                 | 106.8                    | 1.41                 | 450                  | 44.4  | ...                    |
| SN 2014J              | 2014-06-20.214                  | 138.9      | 1                   | 3456-10100              | 4.7/10.0                 | 276.5                    | 1.55                 | 600                  | 41.7  | ...                    |
| SN 2014J              | 2014-06-29.200                  | 147.9      | 1                   | 3700-10000              | 4.6/11.9                 | 89.1                     | 1.60                 | 600                  | 48.7  | ...                    |
| SN 2014J              | 2014-10-24.000                  | 264.6      | 2                   | 3075-10279              | ...                      | 233.4                    | 1.81                 | 900                  | 45.5  | ...                    |
| SN 2014J              | 2014-11-20.000                  | 291.6      | 2                   | 3075-10264              | ...                      | 199.7                    | 1.57                 | 600                  | 25.8  | ...                    |
| SN 2014ag             | 2014-03-24.557                  | ...        | 1                   | 3700-10000              | 4.0/10.0                 | 129.7                    | 1.02                 | 900                  | 17.0  | ...                    |
| SN 2014ao             | 2014-04-29.201                  | 10.3       | 1                   | 3700-10000              | 4.8/10.8                 | 217.4                    | 1.70                 | 900                  | 13.3  | ...                    |
| ASASSN 14ar           | 2014-04-30.221                  | ...        | 1                   | 3500-10500              | 4.6/10.0                 | 79.6                     | 1.16                 | 900                  | 44.4  | ...                    |
| SN 2014ck             | 2014-06-30.449                  | ...        | 1                   | 3454-10500              | 4.5/11.2                 | 212.6                    | 1.26                 | 2400                 | 39.9  | ...                    |
| SN 2014ck             | 2014-08-21.380                  | ...        | 1                   | 3450-10500              | 4.6/10.7                 | 165.6                    | 1.24                 | 3600                 | 13.8  | ...                    |
| SN 2014da             | 2014-08-26.334                  | ...        | 1                   | 3500-10500              | 5.1/11.9                 | 142.7                    | 1.46                 | 1800                 | 27.6  | ...                    |
| ASASSN 14gh           | 2014-09-03.287                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 167.5                    | 1.53                 | 1800                 | 74.2  | ...                    |
| SN 2014dg             | 2014-09-22.510                  | ...        | 1                   | 3500-7880               | 3.1/5.2                  | 180.2                    | 1.19                 | 450                  | 79.7  | ...                    |
| SN 2014dg             | 2014-09-28.530                  | ...        | 1                   | 3460-10840              | 6.0/11.0                 | 155.8                    | 1.21                 | 1800                 | 12.2  | ...                    |
| SN 2014dg             | 2014-09-29.538                  | ...        | 1                   | 3500-10500              | 4.5/11.2                 | 151.7                    | 1.22                 | 600                  | 73.8  | ...                    |
| SN 2014dg             | 2014-10-17.418                  | ...        | 1                   | 3700-10000              | 4.5/10.8                 | 176.0                    | 1.19                 | 900                  | 49.6  | ...                    |
| SN 2014dg             | 2014-10-27.447                  | ...        | 1                   | 3500-10500              | 4.5/11.0                 | 154.6                    | 1.21                 | 600                  | 48.3  | ...                    |
| SN 2014dg             | 2014-11-18.371                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 166.7                    | 1.20                 | 1200                 | 47.7  | ...                    |
| SN 2014dg             | 2014-12-23.293                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 161.3                    | 1.21                 | 1500                 | 10.8  | ...                    |
| SN 2014dg             | 2015-01-20.215                  | ...        | 1                   | 3420-10860              | 6.0/11.0                 | 162.7                    | 1.21                 | 1800                 | 19.7  | ...                    |
| SN 2014dg             | 2015-01-28.158                  | ...        | 1                   | 3700-10000              | 6.0/11.0                 | 182.4                    | 1.19                 | 1800                 | 11.0  | ...                    |
| SN 2014dg             | 2015-02-14.160                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 150.5                    | 1.22                 | 1800                 | 17.2  | ...                    |
| SN 2014dg             | 2015-02-21.153                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 148.9                    | 1.23                 | 1500                 | 23.8  | ...                    |
| SN 2014dl             | 2014-09-28.169                  | ...        | 1                   | 3460-10840              | 6.0/11.0                 | 54.0                     | 1.99                 | 1800                 | 34.5  | ...                    |
| SN 2014dm             | 2014-09-28.501                  | ...        | 1                   | 3460-10840              | 6.0/11.0                 | 186.4                    | 1.45                 | 1800                 | 21.0  | ...                    |
| SN 2014dt             | 2014-11-18.559                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 129.3                    | 1.74                 | 600                  | 24.4  | 10                     |
| SN 2014dt             | 2014-11-25.561                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 138.7                    | 1.55                 | 600                  | 24.6  | ...                    |
| SN 2014dt             | 2014-12-23.503                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 138.7                    | 1.42                 | 600                  | 13.6  | ...                    |
| SN 2014dt             | 2015-01-20.512                  | ...        | 1                   | 3420-10860              | 6.0/11.0                 | 174.2                    | 1.19                 | 1800                 | 6.4   | ...                    |

Table 1 continued

| SN Name               | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}^b$ | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR  | Reference <sup>g</sup> |
|-----------------------|---------------------------------|------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|------|------------------------|
| SN 2014dt             | 2015-01-28.461                  | ...        | 1                   | 3450-10500              | 6.0/11.0                 | 159.2                    | 1.23                 | 1200                 | 10.6 | ...                    |
| SN 2014dt             | 2015-02-14.529                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 214.7                    | 1.33                 | 1800                 | 11.5 | ...                    |
| SN 2014dt             | 2015-02-21.544                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 222.0                    | 1.52                 | 1800                 | 8.2  | ...                    |
| SN 2014dt             | 2015-03-18.418                  | ...        | 1                   | 3500-10500              | 6.0/11.0                 | 199.8                    | 1.26                 | 1800                 | 9.1  | ...                    |
| SN 2014dt             | 2015-03-26.471                  | ...        | 1                   | 3450-10860              | 6.0/11.0                 | 45.2                     | 1.67                 | 1800                 | 5.9  | ...                    |
| SN 2014dt             | 2015-04-16.406                  | ...        | 1                   | 3700-10000              | 6.0/11.0                 | 41.6                     | 1.60                 | 1800                 | 5.1  | 11                     |
| SN 2014dt             | 2015-05-26.285                  | ...        | 1                   | 3450-10862              | 6.0/11.0                 | 38.4                     | 1.51                 | 1800                 | 6.9  | 11                     |
| SN 2014dt             | 2015-06-16.000                  | ...        | 2                   | 3100-10329              | 3.0/6.0                  | ...                      | 1.36                 | 600                  | 7.3  | 11                     |
| SN 2014dt             | 2016-05-07.000                  | ...        | 2                   | 3364-10283              | 3.0/6.0                  | ...                      | 1.46                 | 1200                 | 6.2  | ...                    |
| PSN J03034759+0024146 | 2014-11-26.404                  | ...        | 1                   | 3470-10810              | 6.0/11.0                 | 221.5                    | 1.71                 | 1800                 | 17.4 | ...                    |
| iPTF 14jfw            | 2014-11-26.459                  | ...        | 1                   | 3470-10810              | 6.0/11.0                 | 66.0                     | 1.10                 | 1800                 | 23.4 | ...                    |
| ASASSN 14lp           | 2014-12-23.565                  | -0.8       | 1                   | 3500-10500              | 6.0/11.0                 | 157.2                    | 1.33                 | 60                   | 76.1 | ...                    |
| ASASSN 14lp           | 2015-01-20.494                  | 27.0       | 1                   | 3420-10842              | 6.0/11.0                 | 152.2                    | 1.31                 | 600                  | 55.0 | ...                    |
| ASASSN 14lp           | 2015-01-28.498                  | 35.0       | 1                   | 3450-10500              | 6.0/11.0                 | 169.7                    | 1.27                 | 120                  | 55.0 | ...                    |
| ASASSN 14lp           | 2015-02-14.374                  | 51.8       | 1                   | 3500-10500              | 6.0/11.0                 | 142.7                    | 1.54                 | 180                  | 44.9 | ...                    |
| ASASSN 14lp           | 2015-02-21.432                  | 58.8       | 1                   | 3500-10500              | 6.0/11.0                 | 170.2                    | 1.27                 | 180                  | 47.1 | ...                    |
| ASASSN 14lp           | 2015-02-24.435                  | 61.8       | 1                   | 3500-10500              | 6.0/11.0                 | 176.0                    | 1.27                 | 180                  | 26.5 | ...                    |
| ASASSN 14lp           | 2015-02-25.455                  | 62.8       | 1                   | 3500-10500              | 6.0/11.0                 | 185.7                    | 1.27                 | 180                  | 40.5 | ...                    |
| ASASSN 14lp           | 2015-03-18.311                  | 83.6       | 1                   | 3500-10500              | 6.0/11.0                 | 148.7                    | 1.40                 | 300                  | 37.4 | ...                    |
| ASASSN 14lp           | 2015-03-21.418                  | 86.7       | 1                   | 3450-10862              | 6.0/11.0                 | 190.8                    | 1.30                 | 2543                 | 29.7 | ...                    |
| ASASSN 14lp           | 2015-03-26.415                  | 91.6       | 1                   | 3450-10860              | 6.0/11.0                 | 202.5                    | 1.35                 | 300                  | 27.0 | ...                    |
| ASASSN 14lp           | 2015-04-16.386                  | 112.5      | 1                   | 3500-10500              | 6.0/11.0                 | 211.2                    | 1.46                 | 600                  | 37.7 | ...                    |
| ASASSN 14lp           | 2015-04-27.284                  | 123.3      | 1                   | 3500-10500              | 6.0/11.0                 | 179.8                    | 1.27                 | 600                  | 13.0 | ...                    |
| ASASSN 14lp           | 2015-05-26.199                  | 152.1      | 1                   | 3456-10866              | 6.0/11.0                 | 173.8                    | 1.27                 | 2400                 | 37.2 | ...                    |
| ASASSN 14lp           | 2015-06-13.283                  | 170.1      | 1                   | 3446-10900              | 6.0/11.0                 | 42.9                     | 1.98                 | 1800                 | 14.9 | ...                    |
| ASASSN 14lp           | 2015-06-18.277                  | 175.1      | 1                   | 3440-10850              | 6.0/11.0                 | 46.0                     | 2.10                 | 1800                 | 9.5  | ...                    |
| Gaia 15aba            | 2015-02-16.503                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 76.6                     | 1.14                 | 1200                 | 24.5 | ...                    |
| Gaia 15abu            | 2015-02-16.572                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 90.7                     | 1.07                 | 1200                 | 9.4  | ...                    |
| SNHunt 276            | 2015-02-16.351                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 127.6                    | 1.14                 | 1800                 | 18.0 | ...                    |
| SN 2015H              | 2015-02-15.352                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 165.2                    | 1.99                 | 1200                 | 19.0 | ...                    |
| Gaia 15aby            | 2015-02-16.550                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 194.0                    | 1.13                 | 1200                 | 14.6 | ...                    |
| PSN J13471211-2422171 | 2015-02-15.540                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 187.9                    | 2.17                 | 1200                 | 17.5 | ...                    |
| ASASSN 15db           | 2015-02-16.467                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 126.6                    | 1.37                 | 800                  | 61.5 | ...                    |
| SNHunt 281            | 2015-03-26.526                  | -5.3       | 1                   | 3450-10860              | 6.0/11.0                 | 209.2                    | 1.35                 | 900                  | 66.4 | ...                    |
| SNHunt 281            | 2015-03-28.379                  | -3.4       | 1                   | 3460-10830              | 6.0/11.0                 | 144.7                    | 1.37                 | 900                  | 63.6 | ...                    |
| SNHunt 281            | 2015-04-21.398                  | 20.5       | 1                   | 3460-10840              | 6.0/11.0                 | 182.8                    | 1.24                 | 900                  | 36.7 | ...                    |
| ASASSN 15fr           | 2015-03-28.294                  | ...        | 1                   | 3460-10850              | 6.0/11.0                 | 205.4                    | 1.65                 | 1200                 | 18.7 | ...                    |
| ASASSN 15hy           | 2015-04-27.510                  | -13.4      | 1                   | 3500-10500              | 6.0/11.0                 | 151.7                    | 1.39                 | 500                  | 21.3 | ...                    |
| ASASSN 15hy           | 2015-06-13.472                  | 32.4       | 1                   | 3460-7980               | 1.0/1.0                  | 188.2                    | 1.28                 | 1500                 | 24.0 | ...                    |
| ASASSN 15hy           | 2015-06-16.000                  | 34.9       | 2                   | 3100-10332              | 3.0/6.0                  | ...                      | 1.16                 | 300                  | 67.6 | ...                    |
| ASASSN 15hy           | 2015-06-18.484                  | 37.3       | 1                   | 3450-10852              | 6.0/11.0                 | 195.9                    | 1.34                 | 1800                 | 45.5 | ...                    |
| ASASSN 15hy           | 2015-06-23.427                  | 42.1       | 1                   | 3450-10850              | 6.0/11.0                 | 181.9                    | 1.27                 | 1200                 | 41.4 | ...                    |
| ASASSN 15hy           | 2015-07-14.410                  | 62.6       | 1                   | 3442-10830              | 6.0/11.0                 | 197.4                    | 1.35                 | 3600                 | 42.1 | ...                    |
| ASASSN 15hy           | 2015-07-24.392                  | 72.4       | 1                   | 3422-10830              | 6.0/11.0                 | 202.4                    | 1.31                 | 3600                 | 34.0 | ...                    |
| ASASSN 15hy           | 2015-08-24.361                  | 102.6      | 1                   | 3450-10858              | 6.0/11.0                 | 193.1                    | 1.61                 | 1800                 | 19.9 | ...                    |
| ASASSN 15hy           | 2015-09-21.220                  | 129.7      | 1                   | 3440-10848              | 6.0/11.0                 | 197.6                    | 1.29                 | 3600                 | 18.0 | ...                    |
| ASASSN 15hy           | 2015-10-10.142                  | 148.2      | 1                   | 3440-10842              | 6.0/11.0                 | 186.9                    | 1.28                 | 3600                 | 16.4 | ...                    |
| ASASSN 15hy           | 2015-10-11.248                  | 149.3      | 1                   | 3432-10858              | 6.0/11.0                 | 42.2                     | 1.68                 | 3600                 | 11.4 | ...                    |
| ASASSN 15hy           | 2015-10-14.201                  | 152.2      | 1                   | 3432-10856              | 6.0/11.0                 | 29.1                     | 1.54                 | 3600                 | 11.5 | ...                    |
| ASASSN 15jm           | 2015-06-22.346                  | ...        | 1                   | 3440-10860              | 6.0/11.0                 | 39.5                     | 1.04                 | 1200                 | 28.8 | ...                    |
| iPTF 15awr            | 2015-05-26.344                  | ...        | 1                   | 3452-10866              | 6.0/11.0                 | 30.0                     | 1.13                 | 1800                 | 28.8 | ...                    |
| ASASSN 15kx           | 2015-07-20.453                  | 31.3       | 1                   | 3430-10820              | 6.0/11.0                 | 90.9                     | 1.00                 | 1200                 | 18.3 | ...                    |
| ASASSN 15kx           | 2015-07-24.486                  | 35.2       | 1                   | 3422-10834              | 6.0/11.0                 | 84.3                     | 1.04                 | 1200                 | 26.3 | ...                    |
| ASASSN 15kx           | 2015-10-20.156                  | 121.3      | 1                   | 3440-10866              | 6.0/11.0                 | 94.2                     | 1.01                 | 1800                 | 34.1 | ...                    |
| ASASSN 15lo           | 2015-06-23.408                  | ...        | 1                   | 3450-10850              | 6.0/11.0                 | 121.5                    | 1.40                 | 1200                 | 27.0 | ...                    |
| ASASSN 15lu           | 2015-06-24.283                  | -2.2       | 1                   | 3440-10850              | 6.0/11.0                 | 75.9                     | 1.30                 | 1800                 | 43.2 | ...                    |
| ASASSN 15mc           | 2015-07-14.492                  | ...        | 1                   | 3442-10824              | 6.0/11.0                 | 129.6                    | 2.03                 | 600                  | 37.4 | ...                    |
| ASASSN 15mc           | 2015-09-06.440                  | ...        | 1                   | 3430-10868              | 6.0/11.0                 | 146.2                    | 1.32                 | 3600                 | 19.9 | ...                    |
| ASASSN 15mc           | 2015-09-16.000                  | ...        | 2                   | 3102-10326              | 3.0/6.0                  | 146.0                    | 1.26                 | 1800                 | 38.3 | ...                    |
| SN 2015N              | 2015-07-14.462                  | -5.3       | 1                   | 3442-10832              | 6.0/11.0                 | 129.6                    | 1.01                 | 3600                 | 59.4 | ...                    |
| SN 2015N              | 2015-07-16.000                  | -3.8       | 2                   | 3100-10330              | 3.0/6.0                  | ...                      | 1.10                 | 600                  | 88.1 | ...                    |
| SN 2015N              | 2015-07-19.412                  | -0.5       | 1                   | 3422-10842              | 6.0/11.0                 | 57.9                     | 1.01                 | 3600                 | 43.2 | ...                    |
| SN 2015N              | 2015-07-23.390                  | 3.4        | 1                   | 3426-10836              | 6.0/11.0                 | 42.8                     | 1.01                 | 1800                 | 59.4 | ...                    |
| SN 2015N              | 2015-08-11.504                  | 22.3       | 1                   | 3402-10780              | 6.0/11.0                 | 88.9                     | 1.32                 | 1800                 | 39.5 | ...                    |
| SN 2015N              | 2015-08-24.259                  | 34.8       | 1                   | 3450-10866              | 6.0/11.0                 | 86.4                     | 1.07                 | 3600                 | 34.3 | ...                    |

Table 1 continued

| SN<br>Name              | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}^b$ | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR  | Reference <sup>g</sup> |
|-------------------------|---------------------------------|------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|------|------------------------|
| SN 2015N                | 2015-09-05.225                  | 46.6       | 1                   | 3428-10870              | 6.0/11.0                 | 79.2                     | 1.04                 | 3600                 | 22.6 | ...                    |
| SN 2015N                | 2015-09-06.257                  | 47.7       | 1                   | 3428-10870              | 6.0/11.0                 | 56.8                     | 1.01                 | 3600                 | 28.4 | ...                    |
| SN 2015N                | 2015-09-21.295                  | 62.5       | 1                   | 3438-10848              | 6.0/11.0                 | 108.4                    | 1.04                 | 3600                 | 21.4 | ...                    |
| SN 2015N                | 2015-10-10.194                  | 81.1       | 1                   | 3440-10842              | 6.0/11.0                 | 169.3                    | 1.01                 | 3600                 | 16.6 | ...                    |
| SN 2015N                | 2015-10-11.294                  | 82.2       | 1                   | 3434-10862              | 6.0/11.0                 | 90.4                     | 1.18                 | 3600                 | 14.5 | ...                    |
| ASASSN 15mi             | 2015-07-20.258                  | 2.0        | 1                   | 3430-10820              | 6.0/11.0                 | 75.2                     | 1.39                 | 1200                 | 30.0 | ...                    |
| ASASSN 15mg             | 2015-07-14.327                  | -0.7       | 1                   | 3436-10828              | 6.0/11.0                 | 77.2                     | 1.34                 | 1800                 | 26.8 | ...                    |
| ASASSN 15mg             | 2015-07-19.362                  | 4.1        | 1                   | 3420-10832              | 6.0/11.0                 | 73.6                     | 1.70                 | 3600                 | 11.4 | ...                    |
| ASASSN 15mg             | 2015-07-20.280                  | 5.0        | 1                   | 3430-10820              | 6.0/11.0                 | 82.8                     | 1.20                 | 1800                 | 26.3 | ...                    |
| ASASSN 15mg             | 2015-07-23.342                  | 7.9        | 1                   | 3422-10832              | 6.0/11.0                 | 70.1                     | 1.53                 | 3600                 | 25.8 | ...                    |
| ASASSN 15mg             | 2015-08-24.197                  | 38.5       | 1                   | 3450-10860              | 6.0/11.0                 | 89.3                     | 1.37                 | 5400                 | 14.9 | ...                    |
| ASASSN 15mg             | 2015-09-05.188                  | 50.0       | 1                   | 3426-10864              | 6.0/11.0                 | 75.9                     | 1.37                 | 1800                 | 17.0 | ...                    |
| ASASSN 15mg             | 2015-09-21.170                  | 65.3       | 1                   | 3434-10846              | 6.0/11.0                 | 72.3                     | 1.47                 | 3600                 | 16.9 | ...                    |
| ASASSN 15mg             | 2015-10-10.000                  | 83.3       | 2                   | 3191-10268              | 0.6/0.6                  | ...                      | 2.00                 | 600                  | 22.3 | ...                    |
| ASASSN 15mp             | 2015-07-20.478                  | ...        | 1                   | 3430-10820              | 6.0/11.0                 | 154.2                    | 1.84                 | 1800                 | 23.6 | ...                    |
| SN 2015ac               | 2015-08-12.455                  | ...        | 1                   | 3420-10830              | 6.0/11.0                 | 67.5                     | 1.02                 | 1200                 | 42.4 | ...                    |
| ASASSN 15ns             | 2015-08-11.332                  | ...        | 1                   | 3402-10780              | 6.0/11.0                 | 68.6                     | 1.67                 | 2400                 | 64.2 | ...                    |
| ASASSN 15og             | 2015-09-05.480                  | ...        | 1                   | 3430-10840              | 6.0/11.0                 | 166.4                    | 2.90                 | 1800                 | 26.3 | ...                    |
| ASASSN 15og             | 2015-09-06.486                  | ...        | 1                   | 3440-10852              | 6.0/11.0                 | 166.3                    | 2.92                 | 3600                 | 30.6 | ...                    |
| ASASSN 15og             | 2015-09-21.478                  | ...        | 1                   | 3436-10838              | 6.0/11.0                 | 181.5                    | 2.73                 | 1800                 | 23.5 | ...                    |
| ASASSN 15og             | 2015-10-10.455                  | ...        | 1                   | 3440-10842              | 6.0/11.0                 | 186.3                    | 2.76                 | 3600                 | 26.4 | ...                    |
| ASASSN 15og             | 2015-10-11.433                  | ...        | 1                   | 3440-10854              | 6.0/11.0                 | 174.1                    | 2.77                 | 3600                 | 24.2 | ...                    |
| ASASSN 15og             | 2015-10-14.448                  | ...        | 1                   | 3440-10848              | 6.0/11.0                 | 186.4                    | 2.77                 | 3600                 | 24.8 | ...                    |
| ASASSN 15og             | 2015-11-11.353                  | ...        | 1                   | 3440-10848              | 6.0/11.0                 | 184.7                    | 2.80                 | 3600                 | 13.6 | ...                    |
| PS 15cut                | 2015-09-21.385                  | ...        | 1                   | 3440-10848              | 6.0/11.0                 | 210.7                    | 1.13                 | 1200                 | 35.8 | ...                    |
| PSN J02524671+4656470   | 2015-09-21.402                  | ...        | 1                   | 3440-10850              | 6.0/11.0                 | 69.6                     | 1.05                 | 900                  | 33.4 | ...                    |
| ASASSN 15pr             | 2015-10-20.322                  | 31.2       | 1                   | 3442-10860              | 6.0/11.0                 | 211.3                    | 2.02                 | 1500                 | 9.7  | ...                    |
| ASASSN 15qc             | 2015-10-20.344                  | ...        | 1                   | 3442-10862              | 6.0/11.0                 | 207.5                    | 1.28                 | 1500                 | 28.1 | ...                    |
| MOT J041227.87+342902.0 | 2015-10-10.506                  | ...        | 1                   | 3440-10840              | 6.0/11.0                 | 252.1                    | 1.03                 | 1200                 | 21.2 | ...                    |
| PS 15cku                | 2015-10-20.423                  | -3.8       | 1                   | 3442-10856              | 6.0/11.0                 | 220.0                    | 1.51                 | 1500                 | 34.8 | ...                    |
| ASASSN 15rm             | 2015-10-20.498                  | ...        | 1                   | 3442-10854              | 6.0/11.0                 | 169.1                    | 1.73                 | 1500                 | 16.6 | ...                    |
| ASASSN 15rw             | 2015-11-19.325                  | 15.6       | 1                   | 3438-10866              | 6.0/11.0                 | 201.6                    | 1.18                 | 2400                 | 32.6 | ...                    |
| ASASSN 15sf             | 2015-11-11.254                  | 3.9        | 1                   | 3438-10854              | 6.0/11.0                 | 197.5                    | 1.46                 | 1800                 | 42.0 | ...                    |
| ASASSN 15sf             | 2015-11-18.155                  | 10.6       | 1                   | 3438-10852              | 6.0/11.0                 | 167.2                    | 1.42                 | 1800                 | 34.4 | ...                    |
| PS 16ud                 | 2015-11-11.567                  | ...        | 1                   | 3440-10850              | 6.0/11.0                 | 140.4                    | 1.63                 | 1792                 | 13.1 | ...                    |
| ASASSN 15so             | 2015-11-11.544                  | -7.7       | 1                   | 3440-10852              | 6.0/11.0                 | 90.9                     | 1.20                 | 900                  | 56.4 | ...                    |
| ASASSN 15so             | 2015-12-16.491                  | 27.0       | 1                   | 3450-10880              | 6.0/11.0                 | 73.6                     | 1.09                 | 1200                 | 30.9 | ...                    |
| PSN J09100885+5003396   | 2015-11-11.408                  | ...        | 1                   | 3440-10852              | 6.0/11.0                 | 99.2                     | 1.48                 | 3600                 | 35.9 | ...                    |
| PSN J09100885+5003396   | 2015-11-18.537                  | ...        | 1                   | 3438-10858              | 6.0/11.0                 | 214.4                    | 1.03                 | 2400                 | 18.4 | ...                    |
| PSN J09100885+5003396   | 2015-11-19.452                  | ...        | 1                   | 3438-10868              | 6.0/11.0                 | 85.2                     | 1.14                 | 2400                 | 26.5 | ...                    |
| PSN J09100885+5003396   | 2015-12-08.431                  | ...        | 1                   | 3440-10882              | 6.0/11.0                 | 69.0                     | 1.09                 | 1800                 | 25.8 | ...                    |
| PSN J09100885+5003396   | 2015-12-09.446                  | ...        | 1                   | 3440-10880              | 6.0/11.0                 | 60.6                     | 1.05                 | 3600                 | 19.6 | ...                    |
| PSN J09100885+5003396   | 2015-12-11.000                  | ...        | 2                   | 3250-10280              | 4.0/6.0                  | ...                      | 1.31                 | 1200                 | 39.0 | ...                    |
| PSN J09100885+5003396   | 2015-12-17.428                  | ...        | 1                   | 3440-10436              | 6.0/11.0                 | 239.0                    | 1.06                 | 1800                 | 31.6 | ...                    |
| PS 15cwx                | 2015-11-19.361                  | -3.0       | 1                   | 3438-10866              | 6.0/11.0                 | 154.4                    | 1.17                 | 2400                 | 27.9 | ...                    |
| SN 2015bd               | 2015-12-09.486                  | ...        | 1                   | 3442-10876              | 6.0/11.0                 | 141.6                    | 1.61                 | 2400                 | 15.6 | ...                    |
| SN 2015bd               | 2015-12-16.518                  | ...        | 1                   | 3450-10880              | 6.0/11.0                 | 154.0                    | 1.37                 | 1800                 | 19.5 | ...                    |
| SN 2015bd               | 2015-12-17.553                  | ...        | 1                   | 3442-10434              | 6.0/11.0                 | 169.8                    | 1.29                 | 1800                 | 27.7 | ...                    |
| SN 2015bd               | 2016-01-12.434                  | ...        | 1                   | 3444-10430              | 6.0/11.0                 | 150.9                    | 1.41                 | 1800                 | 13.7 | ...                    |
| SN 2015bd               | 2016-02-07.335                  | ...        | 1                   | 3432-10866              | 6.0/11.0                 | 140.8                    | 1.57                 | 1800                 | 9.0  | ...                    |
| PSN J12265018+1615496   | 2015-12-09.526                  | ...        | 1                   | 3442-10878              | 6.0/11.0                 | 128.6                    | 1.29                 | 3600                 | 5.5  | ...                    |
| ASASSN 15ub             | 2015-12-16.387                  | ...        | 1                   | 3450-10882              | 6.0/11.0                 | 89.8                     | 1.40                 | 3600                 | 17.9 | ...                    |
| ASASSN 15ub             | 2015-12-17.526                  | ...        | 1                   | 3440-10436              | 6.0/11.0                 | 206.1                    | 1.14                 | 1800                 | 35.9 | ...                    |
| SN 2016F                | 2016-02-11.154                  | 22.3       | 1                   | 3456-10874              | 6.0/11.0                 | 71.7                     | 1.31                 | 1800                 | 26.6 | ...                    |
| SN 2016zc               | 2016-02-11.571                  | ...        | 1                   | 3458-10878              | 6.0/11.0                 | 139.6                    | 1.02                 | 3600                 | 12.6 | ...                    |
| SN 2016aqt              | 2016-04-02.495                  | ...        | 1                   | 3440-10876              | 6.0/11.0                 | 242.0                    | 1.24                 | 1800                 | 23.5 | ...                    |
| SN 2016aqt              | 2016-05-16.423                  | ...        | 1                   | 3424-10876              | 6.0/11.0                 | 61.1                     | 1.47                 | 3600                 | 6.1  | ...                    |
| SN 2016aqt              | 2016-06-06.000                  | ...        | 2                   | 3343-10261              | 4.0/7.0                  | ...                      | 1.92                 | 900                  | 14.0 | ...                    |
| SN 2016blh              | 2016-04-03.467                  | 1.4        | 1                   | 3440-10872              | 6.0/11.0                 | 209.6                    | 1.42                 | 1800                 | 34.0 | ...                    |
| SN 2016bln              | 2016-04-17.493                  | -4.0       | 1                   | 3424-10900              | 6.0/11.0                 | 52.4                     | 1.68                 | 3600                 | 38.4 | ...                    |
| SN 2016bln              | 2016-05-02.478                  | 10.6       | 1                   | 3424-10870              | 6.0/11.0                 | 53.2                     | 2.52                 | 3300                 | 24.4 | ...                    |
| SN 2016bln              | 2016-05-16.387                  | 24.2       | 1                   | 3422-10874              | 6.0/11.0                 | 51.5                     | 1.52                 | 1800                 | 17.3 | ...                    |
| SN 2016bsa              | 2016-05-30.483                  | ...        | 1                   | 3424-10860              | 6.0/11.0                 | 89.5                     | 1.09                 | 1200                 | 24.2 | ...                    |
| SN 2016ccj              | 2016-09-09.000                  | 110.5      | 2                   | 3130-10275              | 0.6/1.2                  | 0.0                      | ...                  | ...                  | 10.7 | ...                    |
| SN 2016cmn              | 2016-05-30.441                  | ...        | 1                   | 3422-10862              | 6.0/11.0                 | 112.9                    | 1.01                 | 1200                 | 48.4 | ...                    |

Table 1 continued



| SN Name    | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}$ <sup>b</sup> | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|------------|---------------------------------|-----------------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2016coj | 2016-05-28.350                  | -11.4                 | 1                   | 3436-8036               | 6.0/11.0                 | 92.9                     | 1.50                 | 900                  | 61.9  | 12                     |
| SN 2016coj | 2016-05-29.205                  | -10.6                 | 1                   | 3506-7240               | 6.0/11.0                 | 151.6                    | 1.15                 | 600                  | 65.8  | 12                     |
| SN 2016coj | 2016-05-30.257                  | -9.5                  | 1                   | 3422-10858              | 6.0/11.0                 | 123.9                    | 1.22                 | 300                  | 55.9  | 12                     |
| SN 2016coj | 2016-06-01.220                  | -7.6                  | 1                   | 3444-8036               | 6.0/11.0                 | 141.0                    | 1.17                 | 400                  | 66.2  | 12                     |
| SN 2016coj | 2016-06-04.234                  | -4.6                  | 1                   | 3444-8038               | 6.0/11.0                 | 132.0                    | 1.21                 | 600                  | 88.8  | 12                     |
| SN 2016coj | 2016-06-05.193                  | -3.6                  | 1                   | 3444-8036               | 6.0/11.0                 | 150.4                    | 1.16                 | 600                  | 77.9  | 12                     |
| SN 2016coj | 2016-06-06.000                  | -2.8                  | 2                   | 3104-10256              | 4.0/7.0                  | ...                      | 1.42                 | 60                   | 92.1  | 12                     |
| SN 2016coj | 2016-06-07.341                  | -1.5                  | 1                   | 3436-8038               | 6.0/11.0                 | 84.6                     | 1.57                 | 400                  | 78.8  | 12                     |
| SN 2016coj | 2016-06-08.353                  | -0.5                  | 1                   | 3438-10876              | 6.0/11.0                 | 80.6                     | 1.65                 | 300                  | 64.3  | 12                     |
| SN 2016coj | 2016-06-10.245                  | 1.4                   | 1                   | 3438-8032               | 6.0/11.0                 | 117.0                    | 1.26                 | 300                  | 75.1  | 12                     |
| SN 2016coj | 2016-06-15.226                  | 6.4                   | 1                   | 3446-8040               | 6.0/11.0                 | 121.4                    | 1.25                 | 800                  | 78.7  | 12                     |
| SN 2016coj | 2016-06-16.333                  | 7.5                   | 1                   | 3446-10876              | 6.0/11.0                 | 79.3                     | 1.66                 | 300                  | 58.5  | 12                     |
| SN 2016coj | 2016-06-17.248                  | 8.4                   | 1                   | 3444-8036               | 6.0/11.0                 | 107.8                    | 1.32                 | 400                  | 49.0  | 12                     |
| SN 2016coj | 2016-06-24.244                  | 15.3                  | 1                   | 3440-8036               | 6.0/11.0                 | 104.7                    | 1.36                 | 400                  | 60.0  | 12                     |
| SN 2016coj | 2016-06-25.227                  | 16.3                  | 1                   | 3440-8036               | 6.0/11.0                 | 108.0                    | 1.32                 | 400                  | 63.0  | 12                     |
| SN 2016coj | 2016-06-27.223                  | 18.3                  | 1                   | 3438-8034               | 6.0/11.0                 | 107.7                    | 1.32                 | 400                  | 67.0  | 12                     |
| SN 2016coj | 2016-06-28.306                  | 19.4                  | 1                   | 3428-10870              | 6.0/11.0                 | 78.4                     | 1.69                 | 300                  | 51.1  | 12                     |
| SN 2016coj | 2016-08-02.182                  | 54.1                  | 1                   | 3442-10860              | 6.0/11.0                 | 89.1                     | 1.54                 | 900                  | 46.7  | ...                    |
| SN 2016coj | 2016-08-13.171                  | 65.0                  | 1                   | 3438-10870              | 6.0/11.0                 | 79.4                     | 1.64                 | 1200                 | 21.4  | ...                    |
| SN 2016coj | 2016-11-03.545                  | 147.1                 | 1                   | 3440-10446              | 6.0/11.0                 | 88.9                     | 1.52                 | 4500                 | 16.6  | ...                    |
| SN 2016flv | 2016-09-03.359                  | ...                   | 1                   | 3432-10884              | 6.0/11.0                 | 50.6                     | 1.42                 | 2400                 | 21.0  | ...                    |
| SN 2016flv | 2016-09-10.331                  | ...                   | 1                   | 3426-10874              | 6.0/11.0                 | 185.0                    | 1.42                 | 2400                 | 20.1  | ...                    |
| SN 2016hvl | 2016-12-04.340                  | 16.6                  | 1                   | 3430-10450              | 6.0/11.0                 | 138.9                    | 1.24                 | 2100                 | 53.8  | ...                    |
| SN 2016hvl | 2017-03-03.293                  | 104.5                 | 1                   | 3640-10680              | 6.0/11.0                 | 227.7                    | 1.36                 | 3600                 | 10.2  | ...                    |
| SN 2016ije | 2016-12-04.219                  | ...                   | 1                   | 3430-10450              | 6.0/11.0                 | 174.4                    | 1.10                 | 2700                 | 19.0  | ...                    |
| SN 2017cfd | 2017-04-05.364                  | 3.9                   | 1                   | 3640-10630              | 6.0/11.0                 | 274.1                    | 1.50                 | 3600                 | 41.6  | 13                     |
| SN 2017cfd | 2017-05-04.285                  | 32.5                  | 1                   | 3650-10620              | 6.0/11.0                 | 93.8                     | 1.51                 | 2400                 | 25.4  | 13                     |
| SN 2017cfd | 2017-05-20.214                  | 48.2                  | 1                   | 3660-10610              | 6.0/11.0                 | 105.0                    | 1.43                 | 3000                 | 34.3  | 13                     |
| SN 2017cfd | 2017-06-02.216                  | 61.1                  | 1                   | 3640-10580              | 6.0/11.0                 | 91.9                     | 1.54                 | 3000                 | 19.0  | 13                     |
| SN 2017drh | 2017-05-19.277                  | 2.5                   | 1                   | 3650-10650              | 6.0/11.0                 | 132.9                    | 1.73                 | 1800                 | 83.0  | ...                    |
| SN 2017drh | 2017-06-02.309                  | 16.5                  | 1                   | 3680-10630              | 6.0/11.0                 | 151.3                    | 1.26                 | 1500                 | 53.7  | ...                    |
| SN 2017drh | 2017-06-21.462                  | 35.5                  | 1                   | 3622-10716              | 6.0/11.0                 | 230.0                    | 1.68                 | 1800                 | 51.5  | ...                    |
| SN 2017drh | 2017-07-01.338                  | 45.4                  | 1                   | 3638-10710              | 6.0/11.0                 | 202.4                    | 1.19                 | 1800                 | 40.5  | ...                    |
| SN 2017drh | 2017-07-18.309                  | 62.2                  | 1                   | 3618-10690              | 6.0/11.0                 | 211.2                    | 1.22                 | 2700                 | 33.0  | ...                    |
| SN 2017drh | 2017-07-30.295                  | 74.2                  | 1                   | 3656-10710              | 6.0/11.0                 | 215.9                    | 1.26                 | 3600                 | 37.4  | ...                    |
| SN 2017drh | 2017-08-27.210                  | 101.9                 | 1                   | 3616-10722              | 6.0/11.0                 | 33.6                     | 1.24                 | 3600                 | 15.9  | ...                    |
| SN 2017dws | 2017-05-04.459                  | 7.7                   | 1                   | 3650-10620              | 6.0/11.0                 | 41.2                     | 1.22                 | 3900                 | 22.7  | ...                    |
| SN 2017dwp | 2017-05-19.206                  | ...                   | 1                   | 3650-10650              | 6.0/11.0                 | 42.3                     | 1.00                 | 1800                 | 58.0  | ...                    |
| SN 2017dwp | 2017-05-20.179                  | ...                   | 1                   | 3660-10650              | 6.0/11.0                 | 105.0                    | 1.01                 | 1200                 | 44.8  | ...                    |
| SN 2017dwp | 2017-06-02.282                  | ...                   | 1                   | 3640-10630              | 6.0/11.0                 | 75.6                     | 1.19                 | 1500                 | 39.4  | ...                    |
| SN 2017erp | 2017-06-20.223                  | -9.6                  | 1                   | 3334-10700              | ...                      | 182.0                    | 1.51                 | 1200                 | 115.6 | ...                    |
| SN 2017erp | 2017-06-21.339                  | -8.5                  | 1                   | 3620-10710              | 6.0/11.0                 | 217.3                    | 2.10                 | 1800                 | 96.9  | ...                    |
| SN 2017erp | 2017-06-23.223                  | -6.6                  | 1                   | 3626-8172               | ...                      | 182.0                    | 1.51                 | 1200                 | 78.1  | ...                    |
| SN 2017erp | 2017-06-24.226                  | -5.6                  | 1                   | 3490-8836               | ...                      | 183.2                    | 1.52                 | 900                  | 102.5 | ...                    |
| SN 2017erp | 2017-06-25.220                  | -4.6                  | 1                   | 3446-11400              | 6.0/11.0                 | 182.0                    | 1.51                 | 1200                 | 21.5  | ...                    |
| SN 2017erp | 2017-06-26.222                  | -3.6                  | 1                   | 3226-10720              | ...                      | 182.0                    | 1.51                 | 1200                 | 104.0 | ...                    |
| SN 2017erp | 2017-06-27.323                  | -2.5                  | 1                   | 3630-10712              | 6.0/11.0                 | 217.4                    | 2.12                 | 1500                 | 92.6  | ...                    |
| SN 2017erp | 2017-06-29.205                  | -0.7                  | 1                   | 3596-11100              | ...                      | 202.0                    | 1.51                 | 1800                 | 101.8 | ...                    |
| SN 2017erp | 2017-07-01.302                  | 1.4                   | 1                   | 3638-10700              | 6.0/11.0                 | 216.7                    | 1.99                 | 1500                 | 80.2  | ...                    |
| SN 2017erp | 2017-07-05.280                  | 5.4                   | 1                   | 3448-7834               | ...                      | 211.0                    | 1.93                 | 900                  | 56.7  | ...                    |
| SN 2017erp | 2017-07-17.282                  | 17.3                  | 1                   | 3614-10650              | 6.0/11.0                 | 221.0                    | 2.34                 | 1500                 | 68.1  | ...                    |
| SN 2017erp | 2017-07-26.227                  | 26.2                  | 1                   | 3622-10670              | 6.0/11.0                 | 34.1                     | 1.93                 | 1200                 | 70.0  | ...                    |
| SN 2017erp | 2017-08-01.220                  | 32.1                  | 1                   | 3620-10680              | 6.0/11.0                 | 217.3                    | 2.03                 | 1200                 | 65.9  | ...                    |
| SN 2017erp | 2017-08-14.170                  | 45.0                  | 1                   | 3620-10718              | 6.0/11.0                 | 211.3                    | 1.88                 | 1200                 | 32.5  | ...                    |
| SN 2017erp | 2017-08-27.175                  | 57.9                  | 1                   | 3616-10718              | 6.0/11.0                 | 39.5                     | 2.46                 | 1200                 | 33.7  | ...                    |
| SN 2017erp | 2017-09-14.140                  | 75.8                  | 1                   | 3630-10718              | 6.0/11.0                 | 41.3                     | 2.89                 | 900                  | 10.6  | ...                    |
| SN 2017fgc | 2017-07-18.478                  | -3.3                  | 1                   | 3616-10700              | 6.0/11.0                 | 141.7                    | 1.49                 | 2700                 | 88.8  | ...                    |
| SN 2017fgc | 2017-07-26.472                  | 4.7                   | 1                   | 3622-10680              | 6.0/11.0                 | 147.3                    | 1.39                 | 2100                 | 128.0 | ...                    |
| SN 2017fgc | 2017-07-30.476                  | 8.6                   | 1                   | 3620-10708              | 6.0/11.0                 | 331.3                    | 1.31                 | 900                  | 126.9 | ...                    |
| SN 2017fgc | 2017-08-01.451                  | 10.6                  | 1                   | 3620-10680              | 6.0/11.0                 | 144.7                    | 1.39                 | 900                  | 109.3 | ...                    |
| SN 2017fgc | 2017-08-27.516                  | 36.4                  | 1                   | 3622-10722              | 6.0/11.0                 | 204.7                    | 1.27                 | 1200                 | 84.1  | ...                    |
| SN 2017fgc | 2017-09-14.459                  | 54.2                  | 1                   | 3632-10718              | 6.0/11.0                 | 202.8                    | 1.25                 | 1200                 | 52.2  | ...                    |
| SN 2017fgc | 2017-09-15.511                  | 55.3                  | 1                   | 3634-10680              | 6.0/11.0                 | 218.0                    | 1.45                 | 1800                 | 64.4  | ...                    |
| SN 2017fgc | 2017-09-27.506                  | 67.2                  | 1                   | 3632-10680              | 6.0/11.0                 | 225.6                    | 1.65                 | 1800                 | 66.1  | ...                    |
| SN 2017fgc | 2017-10-19.391                  | 88.9                  | 1                   | 3620-10670              | 6.0/11.0                 | 211.4                    | 1.31                 | 2400                 | 46.1  | ...                    |

Table 1 continued

| SN Name    | UT Date <sup>a</sup><br>(Y-M-D) | $t_{LC}$ <sup>b</sup> | Instr. <sup>c</sup> | Wavelength<br>Range (Å) | Res. <sup>d</sup><br>(Å) | P.A. <sup>e</sup><br>(°) | Airmass <sup>f</sup> | Exposure<br>Time (s) | SNR   | Reference <sup>g</sup> |
|------------|---------------------------------|-----------------------|---------------------|-------------------------|--------------------------|--------------------------|----------------------|----------------------|-------|------------------------|
| SN 2017fgc | 2017-10-25.402                  | 94.9                  | 1                   | 3620-10668              | 6.0/11.0                 | 220.0                    | 1.44                 | 1800                 | 36.5  | ...                    |
| SN 2017fgc | 2017-10-30.421                  | 99.8                  | 1                   | 3622-10704              | 6.0/11.0                 | 45.6                     | 1.69                 | 2100                 | 23.7  | ...                    |
| SN 2017glx | 2017-09-15.150                  | 2.0                   | 1                   | 3632-10660              | 6.0/11.0                 | 201.6                    | 1.06                 | 900                  | 66.9  | ...                    |
| SN 2017glx | 2017-09-27.140                  | 13.8                  | 1                   | 3630-10680              | 6.0/11.0                 | 184.6                    | 1.06                 | 900                  | 58.0  | ...                    |
| SN 2017glx | 2017-10-19.221                  | 35.7                  | 1                   | 3620-10670              | 6.0/11.0                 | 97.4                     | 1.25                 | 900                  | 45.2  | ...                    |
| SN 2017glx | 2017-10-25.093                  | 41.5                  | 1                   | 3622-10680              | 6.0/11.0                 | 157.1                    | 1.06                 | 900                  | 22.6  | ...                    |
| SN 2017hbi | 2017-10-19.455                  | ...                   | 1                   | 3622-10670              | 6.0/11.0                 | 257.9                    | 1.08                 | 3000                 | 30.4  | ...                    |
| SN 2017hbi | 2017-10-25.477                  | ...                   | 1                   | 3620-10680              | 6.0/11.0                 | 254.8                    | 1.21                 | 2100                 | 51.9  | ...                    |
| SN 2017hbi | 2017-11-21.429                  | ...                   | 1                   | 3630-10708              | 6.0/11.0                 | 70.8                     | 1.31                 | 2800                 | 34.9  | ...                    |
| SN 2017hbi | 2017-12-18.316                  | ...                   | 1                   | 3632-10710              | 6.0/11.0                 | 253.7                    | 1.14                 | 3600                 | 17.2  | ...                    |
| SN 2017hbi | 2018-01-13.316                  | ...                   | 1                   | 3632-10680              | 6.0/11.0                 | 247.3                    | 1.51                 | 3600                 | 9.1   | ...                    |
| SN 2017hou | 2017-10-25.441                  | ...                   | 1                   | 3620-10680              | 6.0/11.0                 | 191.6                    | 1.28                 | 3600                 | 37.1  | ...                    |
| SN 2017hou | 2017-10-30.460                  | ...                   | 1                   | 3622-10702              | 6.0/11.0                 | 203.9                    | 1.33                 | 3600                 | 26.2  | ...                    |
| SN 2017hou | 2017-11-21.383                  | ...                   | 1                   | 3630-10710              | 6.0/11.0                 | 198.3                    | 1.30                 | 2700                 | 23.1  | ...                    |
| SN 2017hpa | 2017-10-30.506                  | ...                   | 1                   | 3622-10708              | 6.0/11.0                 | 218.2                    | 1.28                 | 2100                 | 63.7  | ...                    |
| SN 2017hpa | 2017-11-21.352                  | ...                   | 1                   | 3630-10710              | 6.0/11.0                 | 174.1                    | 1.16                 | 1500                 | 68.5  | ...                    |
| SN 2017hpa | 2017-12-12.290                  | ...                   | 1                   | 3630-10680              | 6.0/11.0                 | 171.9                    | 1.17                 | 2400                 | 61.5  | ...                    |
| SN 2017hpa | 2017-12-18.359                  | ...                   | 1                   | 3632-10710              | 6.0/11.0                 | 211.2                    | 1.24                 | 2400                 | 48.6  | ...                    |
| SN 2017hpa | 2018-01-13.358                  | ...                   | 1                   | 3632-10680              | 6.0/11.0                 | 229.3                    | 1.61                 | 2700                 | 23.4  | ...                    |
| SN 2017igr | 2017-12-12.330                  | ...                   | 1                   | 3630-10680              | 6.0/11.0                 | 226.0                    | 1.02                 | 3600                 | 22.0  | ...                    |
| SN 2017iji | 2017-11-21.510                  | ...                   | 1                   | 3630-10700              | 6.0/11.0                 | 120.6                    | 2.44                 | 4200                 | 80.8  | ...                    |
| SN 2017iji | 2017-12-12.519                  | ...                   | 1                   | 3632-10680              | 6.0/11.0                 | 116.5                    | 1.19                 | 1500                 | 77.1  | ...                    |
| SN 2017iji | 2017-12-16.570                  | ...                   | 1                   | 3634-10700              | 6.0/11.0                 | 128.9                    | 1.04                 | 1800                 | 78.5  | ...                    |
| SN 2017iws | 2017-12-18.451                  | ...                   | 1                   | 3632-10714              | 6.0/11.0                 | 173.6                    | 1.10                 | 3600                 | 36.5  | ...                    |
| SN 2017ixg | 2017-12-18.275                  | ...                   | 1                   | 3632-10704              | 6.0/11.0                 | 239.0                    | 2.00                 | 2700                 | 35.4  | ...                    |
| SN 2017ixg | 2018-01-13.212                  | ...                   | 1                   | 3632-10680              | 6.0/11.0                 | 238.8                    | 2.10                 | 3600                 | 32.6  | ...                    |
| SN 2018gl  | 2018-02-09.413                  | ...                   | 1                   | 3614-10706              | 6.0/11.0                 | 205.1                    | 1.15                 | 3000                 | 44.2  | ...                    |
| SN 2018gv  | 2018-02-09.292                  | 8.7                   | 1                   | 3614-10680              | 6.0/11.0                 | 182.0                    | 1.52                 | 900                  | 110.7 | ...                    |
| SN 2018pc  | 2018-02-09.443                  | ...                   | 1                   | 3614-10706              | 6.0/11.0                 | 282.3                    | 1.12                 | 1200                 | 58.3  | ...                    |
| SN 2018pv  | 2018-02-09.572                  | ...                   | 1                   | 3614-10706              | 6.0/11.0                 | 75.6                     | 1.21                 | 1500                 | 84.2  | ...                    |
| SN 2018oh  | 2018-02-09.378                  | ...                   | 1                   | 3614-10708              | 6.0/11.0                 | 215.2                    | 1.08                 | 1200                 | 113.1 | ...                    |
| SN 2018aae | 2018-02-09.513                  | ...                   | 1                   | 3614-10706              | 6.0/11.0                 | 139.9                    | 1.07                 | 1500                 | 56.5  | ...                    |
| SN 2018aaz | 2018-05-21.184                  | 37.7                  | 1                   | 3626-10702              | 6.0/11.0                 | 185.5                    | 2.47                 | 1500                 | 38.5  | ...                    |
| SN 2018bsn | 2018-05-21.381                  | ...                   | 1                   | 3622-10708              | 6.0/11.0                 | 35.8                     | 1.30                 | 2700                 | 26.4  | ...                    |
| SN 2018cni | 2018-06-20.299                  | ...                   | 1                   | 3614-10700              | 6.0/11.0                 | 167.5                    | 1.64                 | 3600                 | 20.8  | ...                    |
| SN 2018eqq | 2018-08-07.502                  | ...                   | 1                   | 3602-10714              | 6.0/11.0                 | 90.8                     | 1.11                 | 1200                 | 101.3 | ...                    |
| SN 2018feb | 2018-09-07.149                  | ...                   | 1                   | 3614-10750              | 6.0/11.0                 | 36.8                     | 1.08                 | 1200                 | 64.7  | ...                    |
| SN 2018feb | 2018-09-10.151                  | ...                   | 1                   | 3612-10752              | 6.0/11.0                 | 48.9                     | 1.10                 | 1200                 | 58.7  | ...                    |
| SN 2018feb | 2018-10-02.156                  | ...                   | 1                   | 3614-10732              | 6.0/11.0                 | 58.4                     | 1.30                 | 3600                 | 19.8  | ...                    |
| SN 2018feb | 2018-10-09.122                  | ...                   | 1                   | 3614-10670              | 6.0/11.0                 | 58.4                     | 1.26                 | 1800                 | 11.2  | ...                    |
| SN 2018feb | 2018-10-12.121                  | ...                   | 1                   | 3618-10732              | 6.0/11.0                 | 53.5                     | 1.34                 | 600                  | 11.7  | ...                    |
| SN 2018feb | 2018-11-03.111                  | ...                   | 1                   | 3614-10732              | 6.0/11.0                 | 57.6                     | 1.63                 | 3600                 | 11.0  | ...                    |
| SN 2018hfp | 2018-10-16.119                  | ...                   | 1                   | 3614-10732              | 6.0/11.0                 | 171.2                    | 1.74                 | 1200                 | 42.1  | ...                    |
| SN 2018hfp | 2018-11-02.119                  | ...                   | 1                   | 3616-10724              | 6.0/11.0                 | 186.6                    | 1.70                 | 2700                 | 19.0  | ...                    |
| SN 2018hfp | 2018-12-02.000                  | ...                   | 2                   | 3263-10283              | ...                      | ...                      | 1.44                 | 300                  | 8.7   | ...                    |
| SN 2018hfr | 2018-10-12.545                  | ...                   | 1                   | 3620-10730              | 6.0/11.0                 | 139.5                    | 2.07                 | 600                  | 36.5  | ...                    |
| SN 2018hfr | 2018-10-16.543                  | ...                   | 1                   | 3602-10732              | 6.0/11.0                 | 140.5                    | 2.01                 | 1800                 | 68.3  | ...                    |
| SN 2018hfr | 2018-11-02.537                  | ...                   | 1                   | 3616-10726              | 6.0/11.0                 | 148.7                    | 1.61                 | 2100                 | 49.9  | ...                    |
| SN 2018hhn | 2018-10-16.325                  | ...                   | 1                   | 3618-10738              | 6.0/11.0                 | 225.5                    | 1.29                 | 2700                 | 51.7  | ...                    |
| SN 2018hhn | 2018-11-02.301                  | ...                   | 1                   | 3616-10730              | 6.0/11.0                 | 49.3                     | 1.41                 | 2700                 | 23.1  | ...                    |
| SN 2018hhn | 2018-11-09.265                  | ...                   | 1                   | 3614-10738              | 6.0/11.0                 | 47.7                     | 1.33                 | 1800                 | 31.8  | ...                    |
| SN 2018htt | 2018-11-09.297                  | ...                   | 1                   | 3616-10730              | 6.0/11.0                 | 169.7                    | 1.76                 | 3000                 | 102.2 | ...                    |
| SN 2018hzg | 2018-11-09.554                  | ...                   | 1                   | 3616-10732              | 6.0/11.0                 | 131.6                    | 1.70                 | 2100                 | 80.2  | ...                    |
| SN 2018jzj | 2018-12-03.000                  | ...                   | 2                   | 3247-10286              | ...                      | ...                      | 1.44                 | 195                  | 19.5  | ...                    |

<sup>a</sup> Each UT date is specified for the temporal midpoint of the associated observation.

<sup>b</sup> Phases are in rest-frame days as computed from the appropriate redshift and photometry references from Table A1.

<sup>c</sup> Instruments (Instr.) are as follows: (1) Kast (Shane 3 m) and (2) LRIS (Keck-I 10 m).

<sup>d</sup> Spectral resolution (Res.) are for the blue and red components, respectively. See Section 2 of S12a for more information.

<sup>e</sup> Observed slit position angle (P.A.) for each observation.

<sup>f</sup> Each airmass is specified for the temporal midpoint of the associated observation.

<sup>g</sup> References to previous publications including the noted spectra are as follows: (1) Silverman et al. (2011), (2) Foley et al. (2012), (3) Foley et al. (2013), (4) Silverman et al. (2013), (5) Mazzali et al. (2015), (6) Silverman et al. (2012), (7) Childress et al. (2013), (8) Zheng et al. (2013), (9) Pan et al. (2015), (10) Foley et al. (2015), (11) Foley et al. (2016), (12) Zheng et al. (2017), and (13) Xuhui et al. (2019, in prep.).

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