



8106 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-forming region

Cycle: 4, Proposal Category: GO

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
NIRSPEC G395H				
	1	WJ161512.70-222949.0 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(1) WJ161512.70-222949.0
	2	WJ160136.90-221202.4 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(2) WJ160136.90-221202.4
	3	DJ16081299-2304316 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(3) DJ16081299-2304316
	4	DJ16134589-2442310 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(4) DJ16134589-2442310
	5	DJ16091010-1930376 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(5) DJ16091010-1930376
	6	DJ15454024-2422072 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(6) DJ15454024-2422072
	7	DJ16135217-2443562 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(7) DJ16135217-2443562
	8	DJ16041234-2127472 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(8) DJ16041234-2127472

JWST Proposal 8106 (Created: Thursday, May 21, 2026, 5:00:20PM Eastern Standard Time) - Overview

Folder	Observation	Label	Observing Template	Science Target
	9	DJ16254583-2347372 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(9) DJ16254583-2347372
	10	DJ16393029-2454135 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(10) DJ16393029-2454135
	11	DJ15582895-2530319 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(11) DJ15582895-2530319
	12	WJ160420.43-213453.1 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(12) WJ160420.43-213453.1
	13	DJ15481655-2307430 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(13) DJ15481655-2307430
	14	DJ16140756-2211524 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(14) DJ16140756-2211524
	15	WJ160412.99-224103.7 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(15) WJ160412.99-224103.7
	16	WJ161144.37-221544.6 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(16) WJ161144.37-221544.6
	17	2J16173081-2411411 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(17) 2J16173081-2411411
	18	WJ160409.49-184240.6 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(18) WJ160409.49-184240.6
	19	2J15465025-2513554 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(19) 2J15465025-2513554
	20	2J15550979-2313266 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(20) 2J15550979-2313266
	21	2J16312761-2853207 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(21) 2J16312761-2853207
	22	2J16213210-2557393 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(22) 2J16213210-2557393
	23	DJ16064553-2121595 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(23) DJ16064553-2121595
	24	2J16183182-2253149 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(24) 2J16183182-2253149
	25	2J16051544-2802520 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(25) 2J16051544-2802520
	26	2J16151772-1817546 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(26) 2J16151772-1817546

JWST Proposal 8106 (Created: Thursday, May 21, 2026, 5:00:20PM Eastern Standard Time) - Overview

Folder	Observation	Label	Observing Template	Science Target
	27	2J15584836-2314102 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(27) 2J15584836-2314102
	28	2J15553614-2546591 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(28) 2J15553614-2546591
	29	2J16120089-1940419 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(29) 2J16120089-1940419
	30	2J16072382-2211018 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(30) 2J16072382-2211018
	31	2J15595908-2352301 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(31) 2J15595908-2352301
	32	2J16050113-1900088 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(32) 2J16050113-1900088
	33	2J16082810-2411211 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(33) 2J16082810-2411211
	34	2J15541998-2135428 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(34) 2J15541998-2135428
	35	2J16094830-2001337 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(35) 2J16094830-2001337
	36	2J16245614-2237144 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(36) 2J16245614-2237144
	37	2J16123278-1914025 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(37) 2J16123278-1914025
	38	2J16163242-2625270 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(38) 2J16163242-2625270
	39	2J16221458-2357009 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(39) 2J16221458-2357009
	40	2J16115436-2157025 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(40) 2J16115436-2157025
	41	2J16064266-1851140 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(41) 2J16064266-1851140
	42	2J16084438-2602139 - NIRSPEC	NIRSpec Fixed Slit Spectroscopy	(42) 2J16084438-2602139

ABSTRACT

A key challenge in star formation theory is explaining the origins of free-floating brown dwarfs and planets with 3--25 M_{Jup}. Both star and planet formation processes likely contribute at these low masses, but their relative roles remain unclear. Traditional IMF-based studies address this problem

by surveying star-forming regions, but contamination and sample incompleteness can pose challenges. We propose a new approach to investigate these objects' formation by probing their compositional (in)homogeneity across a wide range of masses in the Upper Scorpius (USco) star-forming region. We will obtain NIRSPEC/G395H spectra for 42 carefully selected M8--L6 members with 7--40 M_{Jup} masses. Our observations will precisely measure $[\text{Fe}/\text{H}]$, C/O, and isotope ratios ($^{13}\text{C}/^{12}\text{C}$, $^{16}\text{O}/^{17}\text{O}$, $^{16}\text{O}/^{18}\text{O}$), enabling robust hypothesis testing. If star-like formation dominates, these objects are expected to exhibit consistent compositions across the full mass range. However, if both processes contribute, we will identify a transition mass, above which objects show chemical homogeneity, while objects below have significantly larger scatter in compositions. USco is unique for this study as it is one the nearest and youngest star-forming regions, with the largest confirmed sample of free-floating planets. Our observations will not only characterize the atmospheres and origins of young free-floating brown dwarfs but also offer critical insights into the origins of directly imaged exoplanets. Moreover, the potential transition mass between star-like and planet-like formation, to be identified by our program, will provide a more physics-driven critical mass for defining exoplanets and brown dwarfs.

OBSERVING DESCRIPTION

We will observe NIRSPEC/G395H spectra for 42 M8--L6 members in the Upper Scorpius star-forming region. All these targets are isolated with no nearby sources within 10", ensuring high-quality spectroscopic observations. We will use the fixed slit mode as the mutual separations of our targets exceed the field of view (3.6' x 3.4') of NIRSPEC's multi-object spectroscopy mode. For target acquisition, we will use the CLEAR filter and the SUB2048 ($W1 > 16$ mag) or SUB32 ($W1 < 16$ mag) subarray. We will use the NRSRAPID readout pattern, except for targets with $W1 = 14\text{--}16$ mag, where we use NRSRAPIDD6. For G395H observations, we will use 3-point dithering, the S200A1 slit, and the NRSRAPID readout pattern. By requiring spectral S/Ns higher than 35 per pixel over 4-5 μm , we will precisely measure C/O, $[\text{Fe}/\text{H}]$, and isotope ratios for all our targets to enable hypothesis testing of their formation mechanisms.

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(6)	DJ15454024-2422072	RA: 15 45 40.2305 (236.4176271d) Dec: -24 22 7.03 (-24.36862d) Equinox: J2000	Proper Motion RA: -12.2 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.399841
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(7)	DJ16135217-2443562	RA: 16 13 52.1809 (243.4674204d) Dec: -24 43 55.87 (-24.73219d) Equinox: J2000	Proper Motion RA: -10.3 mas/yr Proper Motion Dec: -23.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2010.065077
Comments: Epoch coordinates from UGCS DR11. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(8)	DJ16041234-2127472	RA: 16 04 12.3370 (241.0514042d) Dec: -21 27 47.05 (-21.46307d) Equinox: J2000	Proper Motion RA: -11 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.371217
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(9)	DJ16254583-2347372	RA: 16 25 45.8281 (246.4409504d) Dec: -23 47 37.22 (-23.79367d) Equinox: J2000	Proper Motion RA: -9.4 mas/yr Proper Motion Dec: -23.8 mas/yr Parallax: 0.00689655" Epoch of Position: 2022.435689
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(10)	DJ16393029-2454135	RA: 16 39 30.2919 (249.8762162d) Dec: -24 54 13.58 (-24.90377d) Equinox: J2000	Proper Motion RA: -8.4 mas/yr Proper Motion Dec: -24.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.636263
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(11)	DJ15582895-2530319	RA: 15 58 28.9584 (239.6206600d) Dec: -25 30 31.79 (-25.50883d) Equinox: J2000	Proper Motion RA: -11.4 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.329416
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(12)	WJ160420.43-213453.1	RA: 16 04 20.4210 (241.0850875d) Dec: -21 34 52.99 (-21.58139d) Equinox: J2000	Proper Motion RA: -11 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.371219
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(13)	DJ15481655-2307430	RA: 15 48 16.5559 (237.0689829d) Dec: -23 07 42.95 (-23.12860d) Equinox: J2000	Proper Motion RA: -12.0 mas/yr Proper Motion Dec: -23.0 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.27931
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(14)	DJ16140756-2211524	RA: 16 14 7.5620 (243.5315083d) Dec: -22 11 52.30 (-22.19786d) Equinox: J2000	Proper Motion RA: -10.3 mas/yr Proper Motion Dec: -23.4 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279524
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(15)	WJ160412.99-224103.7	RA: 16 04 13.0347 (241.0543112d) Dec: -22 41 3.48 (-22.68430d) Equinox: J2000	Proper Motion RA: -11 mas/yr Proper Motion Dec: -23.3 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.303694
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(16)	WJ161144.37-221544.6	RA: 16 11 44.3696 (242.9348733d) Dec: -22 15 44.64 (-22.26240d) Equinox: J2000	Proper Motion RA: -10.5 mas/yr Proper Motion Dec: -23.3 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279503
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(17)	2J16173081-2411411	RA: 16 17 30.7925 (244.3783021d) Dec: -24 11 41.58 (-24.19488d) Equinox: J2000	Proper Motion RA: -10 mas/yr Proper Motion Dec: -23.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.641618
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(18)	WJ160409.49-184240.6	RA: 16 04 9.4914 (241.0395475d) Dec: -18 42 40.81 (-18.71134d) Equinox: J2000	Proper Motion RA: -11 mas/yr Proper Motion Dec: -22.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.313268
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(19)	2J15465025-2513554	RA: 15 46 50.2275 (236.7092813d) Dec: -25 13 56.07 (-25.23224d) Equinox: J2000	Proper Motion RA: -12.1 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.329365
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(20)	2J15550979-2313266	RA: 15 55 9.7864 (238.7907767d) Dec: -23 13 26.93 (-23.22415d) Equinox: J2000	Proper Motion RA: -11.6 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279558
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(21)	2J16312761-2853207	RA: 16 31 27.6071 (247.8650296d) Dec: -28 53 21.30 (-28.88925d) Equinox: J2000	Proper Motion RA: -9 mas/yr Proper Motion Dec: -24.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.170126
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(22)	2J16213210-2557393	RA: 16 21 32.1062 (245.3837758d) Dec: -25 57 39.70 (-25.96103d) Equinox: J2000	Proper Motion RA: -9.7 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.329545
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(23)	DJ16064553-2121595	RA: 16 06 45.5366 (241.6897358d) Dec: -21 21 59.31 (-21.36647d) Equinox: J2000	Proper Motion RA: -10.8 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.371238
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO			
(24)	2J16183182-2253149	RA: 16 18 31.8077 (244.6325321d) Dec: -22 53 15.52 (-22.88764d) Equinox: J2000	Proper Motion RA: -10.0 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.641622
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(25)	2J16051544-2802520	RA: 16 05 15.4316 (241.3142983d) Dec: -28 02 52.27 (-28.04785d) Equinox: J2000	Proper Motion RA: -9.776 mas/yr Proper Motion Dec: -24.423 mas/yr Parallax: 0.0068617" Epoch of Position: 2016.0
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(26)	2J16151772-1817546	RA: 16 15 17.7049 (243.8237704d) Dec: -18 17 55.00 (-18.29861d) Equinox: J2000	Proper Motion RA: -10.2 mas/yr Proper Motion Dec: -22.8 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.327272
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(27)	2J15584836-2314102	RA: 15 58 48.3519 (239.7014663d) Dec: -23 14 10.75 (-23.23632d) Equinox: J2000	Proper Motion RA: -10.914 mas/yr Proper Motion Dec: -24.289 mas/yr Parallax: 0.0060125" Epoch of Position: 2016.0
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(28)	2J15553614-2546591	RA: 15 55 36.1311 (238.9005462d) Dec: -25 46 59.66 (-25.78324d) Equinox: J2000	Proper Motion RA: -11.5 mas/yr Proper Motion Dec: -23.4 mas/yr Parallax: 0.00689655" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(29)	2J16120089-1940419	RA: 16 12 0.8864 (243.0036933d) Dec: -19 40 42.32 (-19.67842d) Equinox: J2000	Proper Motion RA: -6.201 mas/yr Proper Motion Dec: -23.511 mas/yr Parallax: 0.0069233" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(30)	2J16072382-2211018	RA: 16 07 23.8130 (241.8492208d) Dec: -22 11 2.26 (-22.18396d) Equinox: J2000	Proper Motion RA: -12.074 mas/yr Proper Motion Dec: -24.307 mas/yr Parallax: 0.007991" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(31)	2J15595908-2352301	RA: 15 59 59.0715 (239.9961312d) Dec: -23 52 30.56 (-23.87516d) Equinox: J2000	Proper Motion RA: -12.222 mas/yr Proper Motion Dec: -24.691 mas/yr Parallax: 0.006438" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(32)	2J16050113-1900088	RA: 16 05 1.1314 (241.2547142d) Dec: -19 00 9.19 (-19.00255d) Equinox: J2000	Proper Motion RA: -10.915 mas/yr Proper Motion Dec: -21.318 mas/yr Parallax: 0.0061336" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(33)	2J16082810-2411211	RA: 16 08 28.0953 (242.1170637d) Dec: -24 11 21.45 (-24.18929d) Equinox: J2000	Proper Motion RA: -10.441 mas/yr Proper Motion Dec: -25.66 mas/yr Parallax: 0.0074335" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(34)	2J15541998-2135428	RA: 15 54 19.9706 (238.5832108d) Dec: -21 35 43.28 (-21.59536d) Equinox: J2000	Proper Motion RA: -15.665 mas/yr Proper Motion Dec: -24.177 mas/yr Parallax: 0.0073745" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(35)	2J16094830-2001337	RA: 16 09 48.2979 (242.4512412d) Dec: -20 01 34.12 (-20.02614d) Equinox: J2000	Proper Motion RA: -9.33 mas/yr Proper Motion Dec: -23.479 mas/yr Parallax: 0.007327" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(36)	2J16245614-2237144	RA: 16 24 56.1213 (246.2338387d) Dec: -22 37 14.85 (-22.62079d) Equinox: J2000	Proper Motion RA: -12.421 mas/yr Proper Motion Dec: -25.851 mas/yr Parallax: 0.0068933" Epoch of Position: 2016.0
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(37)	2J16123278-1914025	RA: 16 12 32.7738 (243.1365575d) Dec: -19 14 2.86 (-19.23413d) Equinox: J2000	Proper Motion RA: -6.765 mas/yr Proper Motion Dec: -25.291 mas/yr Parallax: 0.0065751" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(38)	2J16163242-2625270	RA: 16 16 32.4065 (244.1350271d) Dec: -26 25 27.45 (-26.42429d) Equinox: J2000	Proper Motion RA: -10.003 mas/yr Proper Motion Dec: -24.871 mas/yr Parallax: 0.0059839" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(39)	2J16221458-2357009	RA: 16 22 14.5692 (245.5607050d) Dec: -23 57 1.71 (-23.95047d) Equinox: J2000	Proper Motion RA: -7.688 mas/yr Proper Motion Dec: -28.025 mas/yr Parallax: 0.0075479" Epoch of Position: 2022.435678
Comments: Epoch coordinates from VHS DR7. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(40)	2J16115436-2157025	RA: 16 11 54.3602 (242.9765008d) Dec: -21 57 3.00 (-21.95083d) Equinox: J2000	Proper Motion RA: -9.616 mas/yr Proper Motion Dec: -24.403 mas/yr Parallax: 0.0069834" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Targets - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpius star-f...

(41)	2J16064266-1851140	RA: 16 06 42.6556 (241.6777317d) Dec: -18 51 14.36 (-18.85399d) Equinox: J2000	Proper Motion RA: -9.277 mas/yr Proper Motion Dec: -23.819 mas/yr Parallax: 0.0067936" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			
(42)	2J16084438-2602139	RA: 16 08 44.3713 (242.1848804d) Dec: -26 02 14.24 (-26.03729d) Equinox: J2000	Proper Motion RA: -10.858 mas/yr Proper Motion Dec: -24.945 mas/yr Parallax: 0.0071023" Epoch of Position: 2016
Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO			

Proposal 8106 - Observation 1 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 1: WJ161512.70-222949.0 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	WJ161512.70-222949.0	RA: 16 15 12.7025 (243.8029271d) Dec: -22 29 49.22 (-22.49701d) Equinox: J2000			Proper Motion RA: -10.2 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279541						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	226449.1	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	50	25	1	NONE	3	75	5960.886	226449.2

Proposal 8106 - Observation 2 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 2: WJ160136.90-221202.4 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	WJ160136.90-221202.4	RA: 16 01 36.9150 (240.4038125d) Dec: -22 12 2.69 (-22.20075d) Equinox: J2000			Proper Motion RA: -11.1 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2010.655119						
	Comments: Epoch coordinates from UGCS DR11. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	226449.3	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	50	25	1	NONE	3	75	5960.886	226449.4

Proposal 8106 - Observation 3 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 3: DJ16081299-2304316 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(3)	DJ16081299-2304316	RA: 16 08 12.9833 (242.0540971d) Dec: -23 04 31.55 (-23.07543d) Equinox: J2000			Proper Motion RA: -10.7 mas/yr Proper Motion Dec: -23.4 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279476						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.5	
Template	HFF Readout Mode			Slit			Subarray					
	false			S200A1			SUBS200A1					
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	16	1	NONE	3	48	3067.127	226449.6

Proposal 8106 - Observation 4 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 4: DJ16134589-2442310 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(4)	DJ16134589-2442310	RA: 16 13 45.8920 (243.4412167d) Dec: -24 42 30.85 (-24.70857d) Equinox: J2000			Proper Motion RA: -10.3 mas/yr Proper Motion Dec: -23.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.41629						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	226449.7	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	50	25	1	NONE	3	75	5960.886	226449.8

Proposal 8106 - Observation 5 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 5: DJ16091010-1930376 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSspec Fixed Slit Spectroscopy											
Diagnostics	(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	DJ16091010-1930376	RA: 16 09 10.1040 (242.2921000d) Dec: -19 30 37.45 (-19.51040d) Equinox: J2000			Proper Motion RA: -10.6 mas/yr Proper Motion Dec: -22.9 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.340538						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.9	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	22	1	NONE	3	66	4217.3	226449.10

Proposal 8106 - Observation 6 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 6: DJ15454024-2422072 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(6)	DJ15454024-2422072	RA: 15 45 40.2305 (236.4176271d) Dec: -24 22 7.03 (-24.36862d) Equinox: J2000			Proper Motion RA: -12.2 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.399841						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.11	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	20	1	NONE	3	60	3833.909	226449.12

Proposal 8106 - Observation 7 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 7: DJ16135217-2443562 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(7)	DJ16135217-2443562	RA: 16 13 52.1809 (243.4674204d) Dec: -24 43 55.87 (-24.73219d) Equinox: J2000			Proper Motion RA: -10.3 mas/yr Proper Motion Dec: -23.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2010.065077						
	Comments: Epoch coordinates from UGCS DR11. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.13	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	24	1	NONE	3	72	4600.691	226449.14

Proposal 8106 - Observation 8 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 8: DJ16041234-2127472 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSspec Fixed Slit Spectroscopy											
Diagnostics	(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(8)	DJ16041234-2127472	RA: 16 04 12.3370 (241.0514042d) Dec: -21 27 47.05 (-21.46307d) Equinox: J2000			Proper Motion RA: -11 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.371217						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.15	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	20	1	NONE	3	60	3833.909	226449.16

Proposal 8106 - Observation 9 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpiu...

Observation	Proposal 8106, Observation 9: DJ16254583-2347372 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(9)	DJ16254583-2347372	RA: 16 25 45.8281 (246.4409504d) Dec: -23 47 37.22 (-23.79367d) Equinox: J2000			Proper Motion RA: -9.4 mas/yr Proper Motion Dec: -23.8 mas/yr Parallax: 0.00689655" Epoch of Position: 2022.435689						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.17	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	22	1	NONE	3	66	4217.3	226449.18

Proposal 8106 - Observation 10 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 10: DJ16393029-2454135 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(10)	DJ16393029-2454135	RA: 16 39 30.2919 (249.8762162d) Dec: -24 54 13.58 (-24.90377d) Equinox: J2000			Proper Motion RA: -8.4 mas/yr Proper Motion Dec: -24.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.636263						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.19	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	22	1	NONE	3	66	4217.3	226449.20

Proposal 8106 - Observation 11 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 11: DJ15582895-2530319 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(11)	DJ15582895-2530319	RA: 15 58 28.9584 (239.6206600d) Dec: -25 30 31.79 (-25.50883d) Equinox: J2000			Proper Motion RA: -11.4 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.329416						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.21	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	20	1	NONE	3	60	3833.909	226449.22

Proposal 8106 - Observation 12 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 12: WJ160420.43-213453.1 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(12)	WJ160420.43-213453.1	RA: 16 04 20.4210 (241.0850875d) Dec: -21 34 52.99 (-21.58139d) Equinox: J2000			Proper Motion RA: -11 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.371219						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.23	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	20	1	NONE	3	60	3833.909	226449.24

Proposal 8106 - Observation 13 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 13: DJ15481655-2307430 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(13)	DJ15481655-2307430	RA: 15 48 16.5559 (237.0689829d) Dec: -23 07 42.95 (-23.12860d) Equinox: J2000			Proper Motion RA: -12.0 mas/yr Proper Motion Dec: -23.0 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.27931						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.25	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	28	1	NONE	3	84	5367.472	226449.26

Proposal 8106 - Observation 14 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 14: DJ16140756-2211524 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(14)	DJ16140756-2211524	RA: 16 14 7.5620 (243.5315083d) Dec: -22 11 52.30 (-22.19786d) Equinox: J2000			Proper Motion RA: -10.3 mas/yr Proper Motion Dec: -23.4 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279524						
	Comments: Epoch coordinates from VHS DR7.											
	Proper motion from mean UVW.											
	Parallax at 145pc.											
Category=Star												
Description=[Brown dwarfs, L dwarfs, Young stellar objects]												
Extended=NO												
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.27	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	18	1	NONE	3	54	3450.518	226449.28

Proposal 8106 - Observation 15 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 15: WJ160412.99-224103.7 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(15)	WJ160412.99-224103.7	RA: 16 04 13.0347 (241.0543112d) Dec: -22 41 3.48 (-22.68430d) Equinox: J2000			Proper Motion RA: -11 mas/yr Proper Motion Dec: -23.3 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.303694						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.31	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	18	1	NONE	3	54	3450.518	226449.32

Proposal 8106 - Observation 16 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 16: WJ161144.37-221544.6 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(16)	WJ161144.37-221544.6	RA: 16 11 44.3696 (242.9348733d) Dec: -22 15 44.64 (-22.26240d) Equinox: J2000			Proper Motion RA: -10.5 mas/yr Proper Motion Dec: -23.3 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279503						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.33	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	16	1	NONE	3	48	3067.127	226449.34

Proposal 8106 - Observation 17 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 17: 2J16173081-2411411 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSspec Fixed Slit Spectroscopy											
Diagnostics	(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(17)	2J16173081-2411411	RA: 16 17 30.7925 (244.3783021d) Dec: -24 11 41.58 (-24.19488d) Equinox: J2000			Proper Motion RA: -10 mas/yr Proper Motion Dec: -23.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.641618						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.35	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	35	16	1	NONE	3	48	2693.207	226449.36

Proposal 8106 - Observation 18 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 18: WJ160409.49-184240.6 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(18)	WJ160409.49-184240.6	RA: 16 04 9.4914 (241.0395475d) Dec: -18 42 40.81 (-18.71134d) Equinox: J2000			Proper Motion RA: -11 mas/yr Proper Motion Dec: -22.7 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.313268						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.37	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	12	1	NONE	3	36	2300.345	226449.38

Proposal 8106 - Observation 19 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 19: 2J15465025-2513554 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(19)	2J15465025-2513554	RA: 15 46 50.2275 (236.7092813d) Dec: -25 13 56.07 (-25.23224d) Equinox: J2000			Proper Motion RA: -12.1 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.329365						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.39	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions							Sub-Pixel Pattern			
	1	3							NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	10	1	NONE	3	30	1916.954	226449.40

Proposal 8106 - Observation 20 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 20: 2J15550979-2313266 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(20)	2J15550979-2313266	RA: 15 55 9.7864 (238.7907767d) Dec: -23 13 26.93 (-23.22415d) Equinox: J2000			Proper Motion RA: -11.6 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.279558						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.41	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions							Sub-Pixel Pattern			
	1	3							NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	8	1	NONE	3	24	1533.564	226449.42

Proposal 8106 - Observation 21 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 21: 2J16312761-2853207 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(21)	2J16312761-2853207	RA: 16 31 27.6071 (247.8650296d) Dec: -28 53 21.30 (-28.88925d) Equinox: J2000			Proper Motion RA: -9 mas/yr Proper Motion Dec: -24.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2015.170126						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.43	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	7	1	NONE	3	21	1341.868	226449.44

Proposal 8106 - Observation 22 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 22: 2J16213210-2557393 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(22)	2J16213210-2557393	RA: 16 21 32.1062 (245.3837758d) Dec: -25 57 39.70 (-25.96103d) Equinox: J2000			Proper Motion RA: -9.7 mas/yr Proper Motion Dec: -24.0 mas/yr Parallax: 0.00689655" Epoch of Position: 2014.329545						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.45	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	5	1	NONE	3	15	958.477	226449.46

Proposal 8106 - Observation 23 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 23: DJ16064553-2121595 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(23)	DJ16064553-2121595	RA: 16 06 45.5366 (241.6897358d) Dec: -21 21 59.31 (-21.36647d) Equinox: J2000			Proper Motion RA: -10.8 mas/yr Proper Motion Dec: -23.1 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.371238						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, L dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.47	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions							Sub-Pixel Pattern			
	1	3							NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	40	4	1	NONE	3	12	766.782	226449.48

Proposal 8106 - Observation 24 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 24: 2J16183182-2253149 - NIRSPEC										Thu May 21 22:00:21 GMT 2026										
	Diagnostic Status: Warning																				
	Observing Template: NIRSpec Fixed Slit Spectroscopy																				
Diagnostics	(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																				
Fixed Targets	<table><tr><th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Miscellaneous</th></tr><tr><td>(24)</td><td>2J16183182-2253149</td><td>RA: 16 18 31.8077 (244.6325321d) Dec: -22 53 15.52 (-22.88764d) Equinox: J2000</td><td>Proper Motion RA: -10.0 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.641622</td><td></td></tr></table>											#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(24)	2J16183182-2253149	RA: 16 18 31.8077 (244.6325321d) Dec: -22 53 15.52 (-22.88764d) Equinox: J2000	Proper Motion RA: -10.0 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.641622	
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																
(24)	2J16183182-2253149	RA: 16 18 31.8077 (244.6325321d) Dec: -22 53 15.52 (-22.88764d) Equinox: J2000	Proper Motion RA: -10.0 mas/yr Proper Motion Dec: -23.5 mas/yr Parallax: 0.00689655" Epoch of Position: 2021.641622																		
Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO																					
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID										
	1	SAME	WATA	SUB32	CLEAR	NRSRAPIDD6	3	1	1	0.26	226449.49										
Template	HFF Readout Mode			Slit			Subarray														
	false			S200A1			SUBS200A1														
Dithers	#	Primary Dither Positions							Sub-Pixel Pattern												
	1	3							NONE												
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID									
	1	G395H/F290LP	S200A1	NRSRAPID	30	5	1	NONE	3	15	724.777	226449.50									

Proposal 8106 - Observation 25 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 25: 2J16051544-2802520 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(25)	2J16051544-2802520	RA: 16 05 15.4316 (241.3142983d) Dec: -28 02 52.27 (-28.04785d) Equinox: J2000			Proper Motion RA: -9.776 mas/yr Proper Motion Dec: -24.423 mas/yr Parallax: 0.0068617" Epoch of Position: 2016.0						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.1	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	30	7	1	NONE	3	21	1014.688	226486.2

Proposal 8106 - Observation 26 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 26: 2J16151772-1817546 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(26)	2J16151772-1817546	RA: 16 15 17.7049 (243.8237704d) Dec: -18 17 55.00 (-18.29861d) Equinox: J2000			Proper Motion RA: -10.2 mas/yr Proper Motion Dec: -22.8 mas/yr Parallax: 0.00689655" Epoch of Position: 2013.327272						
	Comments: Epoch coordinates from VHS DR7. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.3	
Template	HFF Readout Mode			Slit			Subarray					
	false			S200A1			SUBS200A1					
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	30	6	1	NONE	3	18	869.733	226486.4

Proposal 8106 - Observation 27 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 27: 2J15584836-2314102 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(27)	2J15584836-2314102	RA: 15 58 48.3519 (239.7014663d) Dec: -23 14 10.75 (-23.23632d) Equinox: J2000			Proper Motion RA: -10.914 mas/yr Proper Motion Dec: -24.289 mas/yr Parallax: 0.0060125" Epoch of Position: 2016.0						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.5	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	6	1	NONE	3	18	729.513	226486.6

Proposal 8106 - Observation 28 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 28: 2J15553614-2546591 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(28)	2J15553614-2546591	RA: 15 55 36.1311 (238.9005462d) Dec: -25 46 59.66 (-25.78324d) Equinox: J2000			Proper Motion RA: -11.5 mas/yr Proper Motion Dec: -23.4 mas/yr Parallax: 0.00689655" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from mean UVW. Parallax at 145pc. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.7	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	6	1	NONE	3	18	729.513	226486.8

Proposal 8106 - Observation 29 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 29: 2J16120089-1940419 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(29)	2J16120089-1940419	RA: 16 12 0.8864 (243.0036933d) Dec: -19 40 42.32 (-19.67842d) Equinox: J2000			Proper Motion RA: -6.201 mas/yr Proper Motion Dec: -23.511 mas/yr Parallax: 0.0069233" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3.											
	Proper motion from Gaia DR3.											
	Parallax from Gaia DR3.											
Category=Star												
Description=[Brown dwarfs, M dwarfs, Young stellar objects]												
Extended=NO												
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226484.9	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	30	5	1	NONE	3	15	724.777	226486.10

Proposal 8106 - Observation 30 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 30: 2J16072382-2211018 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(30)	2J16072382-2211018	RA: 16 07 23.8130 (241.8492208d) Dec: -22 11 2.26 (-22.18396d) Equinox: J2000			Proper Motion RA: -12.074 mas/yr Proper Motion Dec: -24.307 mas/yr Parallax: 0.007991" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.11	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	30	5	1	NONE	3	15	724.777	226486.12

Proposal 8106 - Observation 31 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 31: 2J15595908-2352301 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(31)	2J15595908-2352301	RA: 15 59 59.0715 (239.9961312d) Dec: -23 52 30.56 (-23.87516d) Equinox: J2000			Proper Motion RA: -12.222 mas/yr Proper Motion Dec: -24.691 mas/yr Parallax: 0.006438" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.13	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	30	5	1	NONE	3	15	724.777	226486.14

Proposal 8106 - Observation 32 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 32: 2J16050113-1900088 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(32)	2J16050113-1900088	RA: 16 05 1.1314 (241.2547142d) Dec: -19 00 9.19 (-19.00255d) Equinox: J2000			Proper Motion RA: -10.915 mas/yr Proper Motion Dec: -21.318 mas/yr Parallax: 0.0061336" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.15	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	4	1	NONE	3	12	486.342	226486.16

Proposal 8106 - Observation 33 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 33: 2J16082810-2411211 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(33)	2J16082810-2411211	RA: 16 08 28.0953 (242.1170637d) Dec: -24 11 21.45 (-24.18929d) Equinox: J2000			Proper Motion RA: -10.441 mas/yr Proper Motion Dec: -25.66 mas/yr Parallax: 0.0074335" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.17	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions							Sub-Pixel Pattern			
	1	3							NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	4	1	NONE	3	12	486.342	226486.18

Proposal 8106 - Observation 34 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 34: 2J15541998-2135428 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(34)	2J15541998-2135428	RA: 15 54 19.9706 (238.5832108d) Dec: -21 35 43.28 (-21.59536d) Equinox: J2000			Proper Motion RA: -15.665 mas/yr Proper Motion Dec: -24.177 mas/yr Parallax: 0.0073745" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.19	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	4	1	NONE	3	12	486.342	226486.20

Proposal 8106 - Observation 35 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 35: 2J16094830-2001337 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(35)	2J16094830-2001337	RA: 16 09 48.2979 (242.4512412d) Dec: -20 01 34.12 (-20.02614d) Equinox: J2000			Proper Motion RA: -9.33 mas/yr Proper Motion Dec: -23.479 mas/yr Parallax: 0.007327" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.21	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	4	1	NONE	3	12	486.342	226486.22

Proposal 8106 - Observation 36 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 36: 2J16245614-2237144 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(36)	2J16245614-2237144	RA: 16 24 56.1213 (246.2338387d) Dec: -22 37 14.85 (-22.62079d) Equinox: J2000			Proper Motion RA: -12.421 mas/yr Proper Motion Dec: -25.851 mas/yr Parallax: 0.0068933" Epoch of Position: 2016.0						
<i>Comments: Epoch coordinates from Gaia DR3.</i> <i>Proper motion from Gaia DR3.</i> <i>Parallax from Gaia DR3.</i> <i>Category=Star</i> <i>Description=[Brown dwarfs, M dwarfs, Young stellar objects]</i> <i>Extended=NO</i>												
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.23	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	30	3	1	NONE	3	9	434.866	226486.24

Proposal 8106 - Observation 37 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 37: 2J16123278-1914025 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(37)	2J16123278-1914025	RA: 16 12 32.7738 (243.1365575d) Dec: -19 14 2.86 (-19.23413d) Equinox: J2000			Proper Motion RA: -6.765 mas/yr Proper Motion Dec: -25.291 mas/yr Parallax: 0.0065751" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3.											
	Proper motion from Gaia DR3.											
	Parallax from Gaia DR3.											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.25	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	25	3	1	NONE	3	9	364.756	226486.26

Proposal 8106 - Observation 38 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 38: 2J16163242-2625270 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(38)	2J16163242-2625270	RA: 16 16 32.4065 (244.1350271d) Dec: -26 25 27.45 (-26.42429d) Equinox: J2000			Proper Motion RA: -10.003 mas/yr Proper Motion Dec: -24.871 mas/yr Parallax: 0.0059839" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.27	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	20	3	1	NONE	3	9	294.646	226486.28

Proposal 8106 - Observation 39 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 39: 2J16221458-2357009 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 39:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(39)	2J16221458-2357009	RA: 16 22 14.5692 (245.5607050d) Dec: -23 57 1.71 (-23.95047d) Equinox: J2000			Proper Motion RA: -7.688 mas/yr Proper Motion Dec: -28.025 mas/yr Parallax: 0.0075479" Epoch of Position: 2022.435678						
	Comments: Epoch coordinates from VHS DR7.											
	Proper motion from Gaia DR3.											
	Parallax from Gaia DR3.											
Category=Star												
Description=[Brown dwarfs, M dwarfs, Young stellar objects]												
Extended=NO												
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.29	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	20	3	1	NONE	3	9	294.646	226486.30

Proposal 8106 - Observation 40 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 40: 2J16115436-2157025 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(40)	2J16115436-2157025	RA: 16 11 54.3602 (242.9765008d) Dec: -21 57 3.00 (-21.95083d) Equinox: J2000			Proper Motion RA: -9.616 mas/yr Proper Motion Dec: -24.403 mas/yr Parallax: 0.0069834" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3. Proper motion from Gaia DR3. Parallax from Gaia DR3. Category=Star Description=[Brown dwarfs, M dwarfs, Young stellar objects] Extended=NO											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.31	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	20	3	1	NONE	3	9	294.646	226486.32

Proposal 8106 - Observation 41 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 41: 2J16064266-1851140 - NIRSPEC										Thu May 21 22:00:21 GMT 2026	
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(41)	2J16064266-1851140	RA: 16 06 42.6556 (241.6777317d) Dec: -18 51 14.36 (-18.85399d) Equinox: J2000			Proper Motion RA: -9.277 mas/yr Proper Motion Dec: -23.819 mas/yr Parallax: 0.0067936" Epoch of Position: 2016						
	Comments: Epoch coordinates from Gaia DR3.											
	Proper motion from Gaia DR3.											
	Parallax from Gaia DR3.											
Category=Star												
Description=[Brown dwarfs, M dwarfs, Young stellar objects]												
Extended=NO												
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.33	
Template	HFF Readout Mode				Slit			Subarray				
	false				S200A1			SUBS200A1				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	3						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	18	3	1	NONE	3	9	266.602	226486.34

Proposal 8106 - Observation 42 - Probing the chemical (in)homogeneity of free-floating brown dwarfs and planets in the Upper Scorpi...

Observation	Proposal 8106, Observation 42: 2J16084438-2602139 - NIRSPEC											Thu May 21 22:00:21 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec Fixed Slit Spectroscopy											
Diagnostics	(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(42)	2J16084438-2602139	RA: 16 08 44.3713 (242.1848804d) Dec: -26 02 14.24 (-26.03729d) Equinox: J2000				Proper Motion RA: -10.858 mas/yr Proper Motion Dec: -24.945 mas/yr Parallax: 0.0071023" Epoch of Position: 2016					
	Comments: Epoch coordinates from Gaia DR3.											
	Proper motion from Gaia DR3.											
	Parallax from Gaia DR3.											
Category=Star												
Description=[Brown dwarfs, M dwarfs, Young stellar objects]												
Extended=NO												
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	226486.35	
Template	HFF Readout Mode				Slit				Subarray			
	false				S200A1				SUBS200A1			
Dithers	#	Primary Dither Positions							Sub-Pixel Pattern			
	1	3							NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	G395H/F290LP	S200A1	NRSRAPID	18	2	1	NONE	3	6	177.735	226486.36