

# NUGA supersample: basic parameters

15.12.01 AJB

15.01.02 AJB

10.10.03 AJB

created

revised after December 2001 meeting in Paris

reconstructed from missing PostScript file

NGC	RA (J2000)	Dec (J2000)	Host type	$v_{\text{hel}}$ $\text{km s}^{-1}$	$D$ (Mpc)	$i$ °	Nuclear type
1068	02:42:40.71	-00:00:47.8	(R)SA(rs)b	1137	14.4	32	S1.9
<b>1961</b>	05:42:04.80	+69:22:43.3	SAB(rs)c	3934		49	L2
<b>2782</b>	09:14:05.10	+40:06:49.2	SAB(rs)a pec	2562	37.3	42	H
2903	09:32:10.13	+21:30:04.4	SB(s)d	556	6.3	62	H
<b>3147</b>	10:16:53.64	+73:24:02.6	SA(rs)bc	2820	40.9	26	S2
3227	10:23:30.59	+19:51:54.0	SAB(s) pec	1157	20.6	48	S1.5
3359	10:46:36.70	+63:13:27.0	SB(rs)c	1014	19.2	52	H
3368	10:46:45.74	+11:49:11.8	SAB(rs)ab	897	8.1	47	L2
3504	11:03:11.22	+27:58:21.0	(R)SAB(s)ab	1534	26.5	39	H
3593	11:14:37.00	+12:49:04.0	SA(s)0/a	628	5.5	69	H
3626	11:20:03.77	+18:21:26.6	(R)SA(rs)0+	1493	26.3	45	L2:
<b>3627</b>	11:20:15.02	+12:59:29.5	SAB(s)b	727	6.6	62	T2/S2
<b>3718</b>	11:32:35.27	+53:04:01.4	SB(s)a pec	994	17.0	60	L1.9
4051	12:03:09.61	+44:31:52.8	SAB(rs)bc	725	17.0	41	S1.2
4138	12:09:29.79	+43:41:06.9	SA(r)0+	888	17.0	49	S1.9
4303	12:21:54.90	+04:28:25.1	SAB(rs)bc	1566	15.2	27	H
4321	12:22:54.89	+15:49:20.7	SAB(s)bc	1571	16.8	32	T2
<b>4569</b>	12:36:49.80	+13:09:46.3	SAB(rs)ab	-235	16.8	62	T2
<b>4579</b>	12:37:43.40	+11:49:05.0	SAB(rs)b	1519	16.8	37	S1.9/L1.9
4736	12:50:53.06	+41:07:13.6	(R)SA(r)ab	308	4.3	36	L2
<b>4826</b>	12:56:43.76	+21:40:51.9	(R)SA(rs)ab	408	4.1	57	T2
5850	15:07:07.70	+01:32:39.0	SB(r)b	2556	28.5	31	L2
<b>5953</b>	15:34:32.40	+15:11:38.7	SAa: pec	1965	33.0	36	S2
<b>6574</b>	18:11:51.24	+14:58:55.0	SAB(rs)bc	2282	35.0	38	S
6764	19:08:16.37	+50:55:59.6	SB(s)bc	2416	37.0	56	S/L
<b>6951</b>	20:37:14.47	+66:06:19.7	SAB(rs)bc	1424	24.1	35	S2
<b>7217</b>	22:07:52.32	+31:21:33.4	(R)SA(r)ab	952	16.0	35	L2
7469	23:03:15.62	+08:52:26.4	(R0)SAB(rs)a	4892		43	S1.2

1. Core NUGA sample is **boldfaced**.
2. Positions, host types, velocities, and inclinations are from NED. Distances are from Tully's *Nearby Galaxies Catalog*, when available.
3. Nuclear types are from Ho, Filippenko, & Sargent (1997), except for NGC 5953, NGC 6574, NGC 6764, and NGC 7469. H = H II region, S = Seyfert, L = LINER, T = transition object.

# NUGA supersample: CO observations at PdBI

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NGC	Line(s)	Published	Finished	Ongoing	Owner(s)
<b>1068</b>	CO(1-0)	ABCD			ES AE LJT
	CO(2-1)	AB			ES AE LJT
<b>1961</b>	both		ABCD		NUGA team
<b>2782</b>	both			CD	NUGA team
2903	CO(1-0)		CD		SGB
<b>3147</b>	both		D	C	NUGA team
<b>3227</b>	CO(2-1)	AB			ES AE LJT
3359	CO(1-0)		CD		SGB
3368	both		BC		ES AJB
3504	CO(1-0)		?		FC
<b>3593</b>	CO(1-0)	CD			SGB
<b>3626</b>	both	CD			SGB
<b>3627</b>	both			D	NUGA team
<b>3718</b>	both		CD		NUGA team
4051	both		AB		LJT
4138	CO(1-0)		BCD		AJB LJT
4303	CO(1-0)		B?CD		SGB
<b>4321</b>	both	BCD			SGB
<b>4569</b>	both				NUGA team
<b>4579</b>	both			CD	NUGA team
4736	CO(1-0)		BCD		ES
<b>4826</b>	both	BCD	A		NUGA team
5850	CO(1-0)		?		FC
<b>5953</b>	both				NUGA team
<b>6574</b>	both			BCD	NUGA team
6764	both		BC		AE SL
<b>6951</b>	both		D	C	NUGA team
<b>7217</b>	both	BCD			NUGA team
7469	CO(1-0)		BC		LJT
	CO(2-1)		AB		LJT

1. Sources free of political entanglements (published data & core NUGA sample) are **boldfaced**.

# NUGA supersample: complementary data

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NGC	30 m	CAM	PHT	SWS	LWS	WFPC	STIS	NICMOS	VLA	SIRTF
1068	B93	+	+	+	+					
<b>1961</b>		-	-	-	-	+	-	+	-	open
<b>2782</b>	AJB	-	-	-	-	-	-	-	BCD	GTO
2903		-	-	-	-					
<b>3147</b>		+	-	-	-	+	-	-	CD	open
3227	B93	+	+	-	-					
3359	B93	+	+	-	+					
3368	B93	-	-	-	+					
3504		-	-	-	-					
3593		-	-	-	-					
3626		-	-	-	-					
<b>3627</b>	B93	-	-	-	-	+	+	+	CD	legacy
<b>3718</b>		-	-	-	-	+	-	+	C	open
4051		+	+	+	+					
4138		-	+	-	-					
4303		-	-	-	-					
4321	B93	+	-	-	-					
<b>4569</b>		+	+	+	+	+	-	+	-	legacy
<b>4579</b>	B93	+	+	+	+	+	-	-	AD	legacy
4736		+	+	-	-					
<b>4826</b>		+	-	-	-	+	+	+	BCD	legacy
5850		+	+	-	-					
<b>5953</b>		+	+	-	+	+	-	+	AC	GTO
<b>6574</b>		-	-	-	+	+	-	-	-	open
6764		+	+	+	+					
<b>6951</b>	AJB	-	-	-	-	+	+	+	-	open
<b>7217</b>	B93	-	-	-	+	+	-	+	BCD	open
7469		+	+	+	+					

1. Core NUGA sample is **boldfaced**.
2. 30 m CO observations are from unpublished work (AJB) or the survey of Braine et al. (1993: B93). All sources have 23'' resolution data in both CO(1-0) and CO(2-1), except for NGC 3359 which has 12'' resolution CO(2-1) data, and NGC 4579 which has only CO(1-0) data.
3. CAM, PHT, SWS, and LWS columns indicate existence of ISO data; WFPC, STIS, and NICMOS columns indicate existence of HST data; VLA column indicates configurations for which HI data have been taken (if any). SIRTF column indicates whether a source has been reserved for a GTO program (Rieke for NGC 2782 and NGC 5953) or for a legacy program (SINGS for NGC 3627, NGC 4569, NGC 4579, and NGC 4826).