Table 2. Main kinematics data

ident.	other ident.	V_{hel} km s^{-1}	σ_0 km s^{-1}	Type
NGC 2300		2003±34	330(1)	E2
HCG 62a		4279±25	246±24	E3
HCG 62b		3542±25	272±26	S0
HCG 68a	NGC 5353	2250±22	361±22	S0
HCG 68b	NGC 5354	2570±17	241±22	E2
K 416b	NGC 5481	2033±13	185±14	E3

Notes: (1) The central velocity dispersion of NGC 2300 is extrapolated.

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Table 1. ASCA upper limits of X–ray emission from K 416 members

Object	counts s^{-1} (10^{-3})	$Flux_{(0.3-10keV)}$ $(10^{-13}$ergs s^{-1} $cm^{-2})$	$L_{(0.3-10keV)}$ $(10^{41}$ h_{50}^{-1} ergs $s^{-1})$	$Flux_{(0.3-2.4keV)}$ $(10^{-13}$ergs s^{-1} $cm^{-2})$	$L_{(0.3-2.4keV)}$ $(10^{41}$ h_{50}^{-1} ergs $s^{-1})$	detector
NGC 5480	< 1.4	< 1.0	< 0.2	< 0.5	< 0.1	GIS 2
NGC 5480	< 3.0	< 1.7	< 0.3	< 0.9	< 0.2	GIS 3
NGC 5481	< 1.4	< 0.9	< 0.2	< 0.8	< 0.2	GIS 2
NGC 5481	< 2.6	< 1.4	< 0.3	< 1.2	< 0.3	GIS 3
Extended	< 3.3	< 2.0	< 0.4	< 1.9	< 0.4	GIS 2
Emission	< 5.0	< 2.6	< 0.5	< 2.4	< 0.5	GIS 3

Notes: 3 σ upper limits have been calculated in a circle of $2'.5$ for the two galaxies and of $7'.5$ for the extended emission, as explained in the text. Fluxes are derived assuming a thermal bremsstrahlung model with kT=5 keV for NGC 5480 and a Raymond Smith plasma model with kT=1 keV and abundance = 0.5 solar for NGC 5481 and the extended source.N_H has been taken from Stark et al. (1992) = 1.41×10^{20} cm^{-2}. A distance of 40 h_{50}^{-1} Mpc is assumed.

Table 3. Positions and parameters of the fit of X–ray spectra of unknown sources

Object	R.A. (2000)	δ (2000)	Counts/s (10^{-3})	γ	norm. (10^{-5})	χ^2	bins	$Flux_{(0.3-10keV)}$ $(10^{-13}$ erg cm^{-2} $s^{-1})$	Camera
Unknown source 1	14 05 12	50 42 29							GIS 2
	14 05 04	50 41 36	4.4±0.5	$2.3^{+2.0}_{-0.8}$	9.4	0.8	15	4.7	GIS 3
Unknown source 2	14 05 37	50 56 51							GIS 2
	14 05 29	50 56 11	4.0±0.4	$1.8\ ^{+0.9}_{-0.3}$	6.8	0.8	16	3.7	GIS 3

Notes: GIS 3 spectra were tentatively fitted with a power law, γ, and interstellar absorption, N_H = 0 and 1.1 10^{21} cm^{-2} respectively for the source 1 and 2. The errors are computed on two degrees of freedom 90% confidence interval.