Name	Median N_{H2}	Median Temperature	Dense Gas Fraction	Cold & Dense Gas Fraction	Mass
	cm^{-2}	K			$M_\odot$
(1)	(2)	(3)	(4)	(5)	(6)
Fil1	5.2e+21	22.3	0.03	0.03	3.8e+03
Fil2	7.4e+21	20.6	0.18	0.08	1.0e+04
Fil3	1.0e+22	17.5	0.53	0.53	3.0e+03
Fil4	8.3e+21	19.4	0.23	0.17	7.8e+03
Fil5	1.1e+22	20.6	0.71	0.30	3.0e+04
Fil6*	9.7e+21	16.8	0.49	0.48	1.5e+04
Fil7	8.7e+21	19.2	0.30	0.27	2.5e+04
Fil8	8.8e+21	18.9	0.36	0.34	9.9e+03
Fil9	1.1e+22	18.1	0.66	0.60	2.3e+04
Fil10	1.3e+22	18.8	0.93	0.76	3.8e+04
Nessie**	8.4e+21	18.9	0.32	0.24	4.2e+04
F2	1.1e+22/1.3e+22	21.4/21.2	0.58/0.78	0.17/0.25	4.7e+04/4.7e+04
F3	9.6e+21/1.5e+22	18.0/17.1	0.48/0.75	0.47/0.68	3.2e+04/3.2e+04
F10	1.9e+22/1.9e+22	19.0/19.3	0.85/0.85	0.58/0.56	6.9e+04/6.9e+04
F13	1.4e+22/1.4e+22	18.5/18.4	0.83/0.88	0.76/0.80	1.0e+04/1.0e+04
F14	1.2e+22/1.5e+22	18.1/17.1	0.62/0.94	0.60/0.92	1.2e+04/1.2e+04
F15	1.2e+22/1.2e+22	17.9/18.0	0.59/0.61	0.59/0.61	9.2e+03/9.2e+03
F18	1.2e+22/9.8e+21	27.6/30.1	0.60/0.49	0.00/0.00	1.6e+04/1.6e+04
F28	9.2e+21/9.8e+21	22.2/24.2	0.42/0.48	0.18/0.12	1.4e+04/1.4e+04
F29	8.3e+21/1.1e+22	22.2/21.5	0.36/0.64	0.04/0.08	3.4e+04/3.4e+04
F37	3.3e+21/4.2e+21	24.3/23.4	0.03/0.03	0.00/0.00	2.1e+04/2.1e+04
F38	6.8e+21/6.5e+21	20.9/21.2	0.19/0.18	0.12/0.10	3.9e+04/3.9e+04
G24	1.0e+22	19.4	0.50	0.42	4.5e+04
G26	5.1e+21	18.1	0.10	0.10	7.3e+03
G28	1.6e+22	19.0	1.00	0.78	2.6e+04
G29	5.3e+21	21.7	0.06	0.06	1.9e+04
G47	4.2e+21	17.6	0.07	0.07	2.8e+04
G49	1.4e+22	24.3	0.78	0.02	5.7e+04
G64	1.6e+21	16.0	0.00	0.00	4.0e+03
GMF18	3.7e+21	22.7	0.03	0.02	4.7e+04
GMF20	7.8e+21	21.5	0.22	0.09	8.4e+04
GMF26	3.1e+21	21.0	0.01	0.01	1.3e+05
GMF38a	6.1e+21	20.2	0.11	0.06	6.9e+05
GMF38b	4.3e+21	20.3	0.06	0.05	5.0e+04
GMF41	3.8e+21	20.0	0.01	0.01	3.9e+04
GMF54	3.1e+21	18.6	0.03	0.02	4.5e+05
GMF307	3.4e+21	22.1	0.02	0.00	5.5e+05
GMF309	8.4e+21	16.2	0.33	0.33	7.3e+05
GMF319	4.5e+21	19.6	0.04	0.04	2.6e+05
GMF324	2.9e+21	19.6	0.00	0.00	6.4e+04
GMF335a	8.3e+21	22.0	0.35	0.04	1.1e+06
GMF335b	7.3e+21	21.4	0.22	0.13	1.8e+05
GMF341	5.6e+21	21.5	0.11	0.04	6.3e+05
GMF343	8.9e+21	19.4	0.38	0.32	1.0e+05
GMF358	5.7e+21	21.8	0.06	0.04	1.7e+05

Table 4. Summary of large-scale filament properties computed in this study. For the filaments of type "MST", properties in columns (2)-(6) are computed using two different boundary definitions for the filament ("catalog-based/continuum-based"); see §6.5.3 for how MST boundaries are applied. The physical properties are as follows – (1) Name of the filament from original publication (2) Median H_2 Column Density inside the filament mask (3) Median temperature inside the filament mask (4) Dense gas fraction, defined as fraction of pixels in each filament's mask above a column density of 1×10^{22} cm^{-2} (5) Cold & Dense Gas Fraction, defined as the fraction of pixels in each filament's mask above a column density of 1×10^{22} cm^{-2} and below a temperature of 20 K (6) Total mass derived from dust emission

* Fil6, colloquially known as the "Snake" is also in the Wang et al. (2015) Large-Scale Herschel filament sample as "G11" and the the Wang et al. (2016) MST Bone sample as "F7"; it has been included in all three samples in Figures 4, 5, 6, 8, and 10

** Nessie is also in the Wang et al. (2015) Large-Scale Herschel filament sample as G339; it has been included in both samples in Figures 4, 5, 6, 8, and 10. Due to the challenges of applying a semi-continuous closed contour to a 160+ pc long filament (c.f. §3.4), we only consider the version of Nessie as originally defined in Jackson et al. (2010), even though Nessie is 2-5 times longer than originally claimed (Goodman et al. 2014)