

Practices of the Mont Saint-Michel scriptorium in the use of parchment for manuscripts in the 11th century

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Supplementary materials

Table S1: Peptide markers in proteomic analysis of the three animal species most likely to be found in manuscripts from this period in Europe.

Peptide	Chain/Position	Calf	Sheep	Goat
1105	α 1 / 685-696	x	x	x
1196	α 2 / 988-1000		x	x
1208	α 2 / 988-1000	x		
1427	α 2 / 494-508	x	x	x
1580	α 2 / 512-529	x	x	x
2131	α 2 / 803-826	x	x	x
2853	α 1 / 602-634	x		
2883	α 1 / 602-634		x	x
3033	α 2 / 767-799	x	x	
3093	α 2 / 767-799			x

Table S2: Results of the proteomic analyses and thickness measurements of the parchment folios in manuscripts from the Mont Saint-Michel

Sampling no.	Manuscrit	folio/page	Date	Group	Collection	Type of content	Specie	Thickness (μ m)	Standard deviation
114	78	f1	980-1000	Early Group	Avranches	ornate letter	Sheep	330	20
203	78	f7	980-1000	Early Group	Avranches	text/initial letter	Sheep	262	15
115	78	f34	980-1000	Early Group	Avranches	text/initial letter	Sheep	201	31
116	78	f69	980-1000	Early Group	Avranches	text	Sheep		
202	35 part.2	f197	990-1015	Early Group	Avranches	text/title	Sheep		
261	35 part.2	f218	990-1015	Early Group	Avranches	text	Sheep	203	27
74	35 part.2	f236	990-1015	Early Group	Avranches	text	Sheep		
94	69 part.2	f122	990-1015	Early Group	Avranches	text	Sheep		
95	69 part.2	f175	990-1015	Early Group	Avranches	text/initial letter	Sheep		

96	69 part.2	f267	990-1015	Early Group	Avranches	text/initial letter	Sheep		
80	95	f17	990-1015	Early Group	Avranches	text	Sheep		
78	95	f89	990-1015	Early Group	Avranches	text/initial letter	Sheep		
79	95	f156	990-1015	Early Group	Avranches	text	Sheep		
4	97	f107	990-1015	Early Group	Avranches	text/initial letter	Sheep	204	44
5	97	f148	990-1015	Early Group	Avranches	text/initial letter	Sheep	275	66
252	97	f173	990-1015	Early Group	Avranches	ornate letter	Sheep	228	24
253	97	f201	990-1015	Early Group	Avranches	ornate letter	Sheep	211	80
89	109 part. 2	f39	990-1015	Early Group	Avranches	text/initial letter	Sheep		
87	109 part. 2	f60	990-1015	Early Group	Avranches	text/initial letter	Sheep		
88	109 part. 2	f72	990-1015	Early Group	Avranches	text	Sheep		
7	211	f156	990-1015	Early Group	Avranches	full page illumination	Calf	291	25
209	211	f163	990-1015	Early Group	Avranches	text/initial letter	Calf	305	57
8	211	f171	990-1015	Early Group	Avranches	text/initial letter	Calf	288	11
29	211	f176	990-1015	Early Group	Avranches	text/initial letter	Sheep	188	19
30	211	f177	990-1015	Early Group	Avranches	text/initial letter	Sheep	180	31
9	211	f191	990-1015	Early Group	Avranches	text/initial letter	Calf	355	55
327	211	f200	990-1015	Early Group	Avranches	text/initial letter	Calf	261	57
147	229	f118	990-1015	Early Group	Avranches	text/initial letter	Sheep		
148	229	f165	990-1015	Early Group	Avranches	text	Sheep		
158	229	f176	990-1015	Early Group	Avranches	text/table	Sheep		
149	229	f193	990-1015	Early Group	Avranches	text/scheme	Sheep		
75	240	f10	990-1015	Early Group	Avranches	text/initial letter	Sheep		
76	240	f39	990-1015	Early Group	Avranches	text	Calf		
208	240	f44	990-1015	Early Group	Avranches	text	Calf		
77	240	f78	990-1015	Early Group	Avranches	text	Sheep		
207	240	f90	990-1015	Early Group	Avranches	text	Sheep		
288	Latin8055	p141	990-1015	Early Group	Bnf	illumination	Sheep		
289	Latin8055	p147	990-1015	Early Group	Bnf	text	Sheep		
290	Latin8055	p155	990-1015	Early Group	Bnf	text	Sheep		
248	6G/56	p15	1000-1020	Early Group	AD Caen	text	Sheep	211	31
249	6G/56	p67	1000-1020	Early Group	AD Caen	text	Sheep	209	15
250	6G/56	p443	1000-1020	Early Group	AD Caen	text	Sheep	238	35
251	6G/56	p495	1000-1020	Early Group	AD Caen	ornate letter	Sheep	173	35
282	Latin5920	f1	1000-1025	Early Group	Bnf	text	Sheep	259	25
283	Latin5920	f11	1000-1025	Early Group	Bnf	text	Sheep	142	26
284	Latin5920	f28	1000-1025	Early Group	Bnf	text	Sheep	167	29
291	Latin5920	f77	1000-1025	Early Group	Bnf	ornate letter	Sheep	165	32
198	105 part.2	f5	1000-1035	Transitional group	Avranches	text/initial letter	Sheep		
199	105 part.2	f6	1000-1035	Transitional group	Avranches	text/initial letter	Sheep	216	18

16	105 part.2	f8	1000-1035	Transitional group	Avranches	text	Sheep		
17	105 part.2	f32	1000-1035	Transitional group	Avranches	text/initial letter	Sheep		
256	105 part.2	f88	1000-1035	Transitional group	Avranches	ornate letter	Sheep	181	20
232	105 part.2	f96	1000-1035	Transitional group	Avranches	text/initial letter	Sheep	279	18
233	105 part.2	f100	1000-1035	Transitional group	Avranches	text/initial letter	Sheep		
154	105 part.2	f101	1000-1035	Transitional group	Avranches	text/initial letter	Calf	244	29
234	105 part.2	f102	1000-1035	Transitional group	Avranches	text/initial letter	Sheep		
18	105 part.2	f103	1000-1035	Transitional group	Avranches	text/initial letter	Sheep		
65	68 part.1	f14	1015-1035	Transitional group	Avranches	text	Sheep		
64	68 part.1	f72	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
63	68 part.1	f95	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
66	70	f1	1015-1035	Transitional group	Avranches	ornate letter	Sheep		
67	70	f69	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
68	70	f109	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
257	99	f1	1015-1035	Transitional group	Avranches	ornate letter	Sheep	292	31
117	99	f105	1015-1035	Transitional group	Avranches	text/initial letter	Sheep	158	31
118	99	f133	1015-1035	Transitional group	Avranches	text/initial letter	Sheep	187	47
119	99	f169	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
124	115	f1	1015-1035	Transitional group	Avranches	full page illumination	Sheep		
125	115	f199	1015-1035	Transitional group	Avranches	ornate letter	Sheep		
241	128 part. 1	f1	1015-1035	Transitional group	Avranches	text	Calf		
240	128 part. 1	f2	1015-1035	Transitional group	Avranches	ornate letter	Calf		
243	128 part. 1	f51	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
244	128 part. 1	f64	1015-1035	Transitional group	Avranches	text/initial letter	Calf		
188	128 part. 1	f67	1015-1035	Transitional group	Avranches	text/initial letter	Calf		
97	128 part. 1	f78	1015-1035	Transitional group	Avranches	text/initial letter	Calf		
189	128 part. 1	f87	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
190	128 part. 1	f141	1015-1035	Transitional group	Avranches	text	Sheep		
98	128 part. 1	f180	1015-1035	Transitional group	Avranches	text/initial letter	Sheep		
242	128 part. 1	f221	1015-1035	Transitional group	Avranches	text	Sheep		
245	128 part. 1	f223	1015-1035	Transitional group	Avranches	text/initial letter	Calf		
120	91	fA	1015-1040	Transitional group	Avranches	text/initial letter	Sheep		
121	91	f1	1015-1040	Transitional group	Avranches	ornate letter	Sheep		
122	91	f57	1015-1040	Transitional group	Avranches	text/initial letter	Sheep		
123	91	f181	1015-1040	Transitional group	Avranches	text/initial letter	Sheep		
200	38	f1	1015-1040	Transitional group	Avranches	text/initial letter	Sheep	191	29
263	38	f2	1015-1040	Transitional group	Avranches	ornate letter	Sheep	195	47
14	38	f32	1015-1040	Transitional group	Avranches	text/initial letter	Sheep		
15	38	f107	1015-1040	Transitional group	Avranches	text/initial letter	Sheep	202	31
28	59	f1	1030-1045	Middle group	Avranches	full page illumination	Calf	351	60

22	59	f2	1030-1045	Middle group	Avranches	ornate letter	Calf	277	46
32	59	f3	1030-1045	Middle group	Avranches	text	Sheep	154	20
33	59	f4	1030-1045	Middle group	Avranches	text/initial letter	Sheep	155	21
34	59	f5	1030-1045	Middle group	Avranches	text	Sheep	178	16
35	59	f6	1030-1045	Middle group	Avranches	text	Sheep		
36	59	f7	1030-1045	Middle group	Avranches	text/initial letter	Sheep		
37	59	f8	1030-1045	Middle group	Avranches	text	Calf	318	28
38	59	f9	1030-1045	Middle group	Avranches	text	Sheep	226	22
39	59	f13	1030-1045	Middle group	Avranches	ornate letter	Sheep		
40	59	f19	1030-1045	Middle group	Avranches	text/initial letter	Sheep		
42	59	f53	1030-1045	Middle group	Avranches	ornate letter	Sheep	164	30
41	59	f54	1030-1045	Middle group	Avranches	text	Sheep		
44	59	f77	1030-1045	Middle group	Avranches	text/initial letter	Sheep	153	36
43	59	f78	1030-1045	Middle group	Avranches	text	Sheep		
45	59	f92	1030-1045	Middle group	Avranches	text	Sheep	220	25
107	61 part.3	f317	1030-1045	Middle group	Avranches	text/initial letter	Sheep		
108	61 part.3	f338	1030-1045	Middle group	Avranches	text/initial letter	Sheep		
110	61 part.3	f341	1030-1045	Middle group	Avranches	text	Sheep		
150	101	f1	1030-1045	Middle group	Avranches	text	Sheep		
255	101	f2	1030-1045	Middle group	Avranches	ornate letter	Sheep	216	37
151	101	f11	1030-1045	Middle group	Avranches	text/initial letter	Sheep		
152	101	f23	1030-1045	Middle group	Avranches	ornate letter	Sheep	203	47
254	101	f77	1030-1045	Middle group	Avranches	ornate letter	Sheep	202	30
153	101	f111	1030-1045	Middle group	Avranches	text/initial letter	Sheep		
105	61 part.2	tab between f111-112	1040-1055	Middle group	Avranches	missing illumination ?	Calf		
104	61 part.2	f112	1040-1055	Middle group	Avranches	ornate letter	Sheep		
106	61 part.2	f198	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
109	61 part.2	f234	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
178	72	f2	1040-1055	Middle group	Avranches	text/initial letter	Sheep	197	14
179	72	f8*	1040-1055	Middle group	Avranches	text/initial letter	Calf	257	24
180	72	f26	1040-1055	Middle group	Avranches	text	Sheep	156	11
161	72	f96	1040-1055	Middle group	Avranches	blank	Sheep	215	12
160	72	f97	1040-1055	Middle group	Avranches	full page illumination	Calf	275	21
162	72	f99	1040-1055	Middle group	Avranches	text	Sheep	166	23
181	72	f139	1040-1055	Middle group	Avranches	text/initial letter	Sheep	192	13
182	72	f150	1040-1055	Middle group	Avranches	ornate letter	Sheep	228	12
183	72	f151	1040-1055	Middle group	Avranches	ornate letter	Sheep	224	27
177	72	f157	1040-1055	Middle group	Avranches	text/initial letter	Sheep	230	11

184	72	f182	1040-1055	Middle group	Avranches	full page illumination	Calf	243	22
185	72	f183	1040-1055	Middle group	Avranches	text	Sheep	178	7
186	72	f192	1040-1055	Middle group	Avranches	text	Sheep	205	33
46	75	fCv	1040-1055	Middle group	Avranches	full page illumination	Calf	359	28
47	75	f1	1040-1055	Middle group	Avranches	ornate letter	Calf	264	46
48	75	f8	1040-1055	Middle group	Avranches	text	Sheep	231	64
49	75	f32	1040-1055	Middle group	Avranches	text	Sheep	208	45
211	75	f85	1040-1055	Middle group	Avranches	text/initial letter	Sheep	210	39
212	75	f165	1040-1055	Middle group	Avranches	text/initial letter	Sheep	233	44
56	76	pA	1040-1055	Middle group	Avranches	full page illumination	Calf		
57	76	p1	1040-1055	Middle group	Avranches	ornate letter	Calf		
159	76	p4	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
58	76	p6	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
59	76	p11*	1040-1055	Middle group	Avranches	text/initial letter	Calf		
60	76	p29	1040-1055	Middle group	Avranches	text	Sheep		
61	76	p85	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
62	76	p165	1040-1055	Middle group	Avranches	text	Sheep		
144	107	f1	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
238	107	f2	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
239	107	f4	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
145	107	f114	1040-1055	Middle group	Avranches	text/initial letter	Sheep		
146	107	f145	1040-1055	Middle group	Avranches	text	Sheep		
296	A.143	f1	1058-1061	Middle group	Rouen	ornate letter	Sheep	358	30
297	A.143	f3	1058-1061	Middle group	Rouen	text	Sheep	211	21
298	A.143	f5	1058-1061	Middle group	Rouen	text	Sheep	220	34
299	A.143	f36	1058-1061	Middle group	Rouen	text	Sheep	174	21
301	A.143	f51	1058-1061	Middle group	Rouen	text	Sheep	155	19
300	A.143	f65	1058-1061	Middle group	Rouen	ornate letter	Sheep	154	21
166	90	f1	1050-1065	Middle group	Avranches	full page illumination	Calf	232	17
169	90	f2	1050-1065	Middle group	Avranches	ornate letter	Calf	337	72
217	90	f3	1050-1065	Middle group	Avranches	text/initial letter	Sheep	203	26
167	90	f97	1050-1065	Middle group	Avranches	text	Sheep	118	13
168	90	f115	1050-1065	Middle group	Avranches	ornate letter	Sheep	156	17
276	Latin 2639	f31	1050-1065	Middle group	Bnf	full page illumination	Calf	238	36
277	Latin 2639	f32	1050-1065	Middle group	Bnf	ornate letter	Calf	284	27
278	Latin 2639	f33	1050-1065	Middle group	Bnf	text	Sheep	171	43
292	MM 15	f1	1050-1065	Middle group	Rouen	text	Calf	266	24
293	MM 15	f14	1050-1065	Middle group	Rouen	ornate letter	Calf	258	35
330	MM 15	f19	1050-1065	Middle group	Rouen	text	Goat	265	25
329	MM 15	f20	1050-1065	Middle group	Rouen	text	Goat	256	29

328	MM 15	f21	1050-1065	Middle group	Rouen	text	Goat	265	17
294	MM 15	f22	1050-1065	Middle group	Rouen	ornate letter	Goat	261	28
295	MM 15	f43	1050-1065	Middle group	Rouen	text	Calf	300	21
315	M.641	f22	1050-1065	Middle group	New York	ornate letter	Calf	301	11
314	M.641	f61	1050-1065	Middle group	New York	full page illumination	Goat	226	13
313	M.641	f66	1050-1065	Middle group	New York	full page illumination	Calf		
312	M.641	f91	1050-1065	Middle group	New York	text	Calf		
311	M.641	f119	1050-1065	Middle group	New York	full page illumination	Calf	257	20
310	M.641	f155	1050-1065	Middle group	New York	full page illumination	Calf	292	26
309	M.641	f168	1050-1065	Middle group	New York	text	Calf	234	17
308	M.641	f173	1050-1065	Middle group	New York	ornate letter	Calf	311	30
126	51	f1	1055-1060	Middle group	Avranches	ornate letter	Sheep		
127	51	f18	1055-1060	Middle group	Avranches	text/initial letter	Sheep		
128	51	f83	1055-1060	Middle group	Avranches	text	Sheep		
218	77	f1	1055-1080	Middle group	Avranches	title/initial letter	Calf		
219	77	f2	1055-1080	Middle group	Avranches	ornate letter	Calf		
220	77	f3	1055-1080	Middle group	Avranches	text	Sheep		
221	77	f4	1055-1080	Middle group	Avranches	text	Sheep		
222	77	f7	1055-1080	Middle group	Avranches	text	Sheep		
201	77	f41	1055-1080	Middle group	Avranches	text/initial letter	Sheep		
111	77	f76	1055-1080	Middle group	Avranches	text/initial letter	Sheep		
112	77	f96	1055-1080	Middle group	Avranches	text/initial letter	Sheep		
113	77	f133	1055-1080	Middle group	Avranches	text/initial letter	Sheep		
175	86 part.1	f3	1055-1080	Middle group	Avranches	text	Sheep	168	35
25	86 part.1	f4	1055-1080	Middle group	Avranches	ornate letter	Calf	331	68
176	86 part.1	f8	1055-1080	Middle group	Avranches	text	Sheep	221	18
26	86 part.1	f32	1055-1080	Middle group	Avranches	ornate letter	Sheep	218	35
187	86 part.2	f58	1055-1080	Middle group	Avranches	ornate letter	Calf	272	31
223	86 part.2	f59	1055-1080	Middle group	Avranches	text	Sheep	201	16
224	86 part.2	f65	1055-1080	Middle group	Avranches	text	Sheep	202	12
27	86 part.2	f90	1055-1080	Middle group	Avranches	text	Sheep	239	25
273	Latin 2055	f1	1055-1080	Middle group	Bnf	ornate letter (and cut out)	Calf	246	56
274	Latin 2055	f2	1055-1080	Middle group	Bnf	text	Sheep	175	19
275	Latin 2055	f24	1055-1080	Middle group	Bnf	text	Sheep	167	21
264	Latin 2088	fl	1055-1080	Middle group	Bnf	illumination cut out	Calf	332	6
265	Latin 2088	fil	1055-1080	Middle group	Bnf	illumination cut out	Calf	323	15
266	Latin 2088	f1	1055-1080	Middle group	Bnf	ornate letter	Calf	273	37
268	Latin 2088	f2	1055-1080	Middle group	Bnf	ornate letter	Calf	324	41
269	Latin 2088	f10	1055-1080	Middle group	Bnf	text	Calf	324	65
270	Latin 2088	f27	1055-1080	Middle group	Bnf	text	Calf	298	65

271	Latin 2088	f78	1055-1080	Middle group	Bnf	ornate letter	Calf	270	63
6	97 part.2	f257	1060-1080	Middle group	Avranches	text/initial letter	Sheep		
318	BM1	f5	1050-1100	Middle & Late group	Bordeaux	ornate letter	Calf	273	48
319	BM1	f6	1050-1100	Middle & Late group	Bordeaux	text	Sheep	275	29
320	BM1	f7	1050-1100	Middle & Late group	Bordeaux	text	Sheep	227	33
321	BM1	f8	1050-1100	Middle & Late group	Bordeaux	text	Sheep	255	38
322	BM1	f9*	1050-1100	Middle & Late group	Bordeaux	text	Calf	232	37
317	BM1	f88	1050-1100	Middle & Late group	Bordeaux	ornate letter	Sheep	286	20
316	BM1	f123	1050-1100	Middle & Late group	Bordeaux	text	Sheep	256	42
323	BM1	f152	1050-1100	Middle & Late group	Bordeaux	illumination	Sheep	229	46
324	BM1	f168	1050-1100	Middle & Late group	Bordeaux	ornate letter	Sheep	301	19
325	BM1	f170	1050-1100	Middle & Late group	Bordeaux	text	Sheep	254	19
326	BM1	f250	1050-1100	Middle & Late group	Bordeaux	ornate letter	Sheep	194	26
196	103	f1	1065-1072	Late group	Avranches	text/initial letter/title	Calf		
229	103	f2	1065-1072	Late group	Avranches	text/initial letter	Calf		
230	103	f3	1065-1072	Late group	Avranches	text/initial letter	Calf		
197	103	f4	1065-1072	Late group	Avranches	full page illumination	Calf		
231	103	f9	1065-1072	Late group	Avranches	text/initial letter	Sheep		
81	103	f18	1065-1072	Late group	Avranches	text/initial letter	Sheep		
82	103	f83	1065-1072	Late group	Avranches	text/initial letter	Sheep		
83	103	f138	1065-1072	Late group	Avranches	text	Sheep		
170	86 part.3	f136	1065-1080	Late group	Avranches	text	Sheep	219	40
216	86 part.3	f137	1065-1080	Late group	Avranches	text / title	Calf	295	41
171	86 part.3	f138	1065-1080	Late group	Avranches	ornate letter	Calf	358	51
172	86 part.3	f139	1065-1080	Late group	Avranches	text/initial letter	Sheep	229	15
174	86 part.3	f150	1065-1080	Late group	Avranches	text/initial letter	Sheep	188	28
173	86 part.3	f173	1065-1080	Late group	Avranches	text/initial letter	Sheep	241	14
138	163	f2	1065-1080	Late group	Avranches	full page illumination	Sheep		
195	163	f3	1065-1080	Late group	Avranches	ornate letter	Calf		
237	163	f8	1065-1080	Late group	Avranches	text/initial letter	Sheep		
139	163	f53	1065-1080	Late group	Avranches	text/initial letter	Sheep		
140	163	f75	1065-1080	Late group	Avranches	text/initial letter	Sheep		
279	Latin 5290	f1	1065-1080	Late group	Bnf	ornate letter	Calf	359	54
280	Latin 5290	f3	1065-1080	Late group	Bnf	ornate letter	Calf		
281	Latin 5290	f21	1065-1080	Late group	Bnf	text	Sheep		
246	128 part.2	f271	1065-1080	Late group	Avranches	text/initial letter	Calf		
247	128 part.2	f275	1065-1080	Late group	Avranches	text/initial letter	Calf		
99	128 part.2	f276	1065-1080	Late group	Avranches	text/initial letter	Calf		
191	128 part.2	f277	1065-1080	Late group	Avranches	text/initial letter	Calf		
204	61 part.1	f1	1065-1080	Late group	Avranches	text	Sheep		

50	61 part.1	f2	1065-1080	Late group	Avranches	ornate letter	Calf		
205	61 part.1	f3	1065-1080	Late group	Avranches	text	Sheep		
51	61 part.1	f4	1065-1080	Late group	Avranches	text	Sheep		
52	61 part.1	f13	1065-1080	Late group	Avranches	text	Sheep		
53	61 part.1	f18	1065-1080	Late group	Avranches	text	Sheep		
54	61 part.1	f19	1065-1080	Late group	Avranches	text	Sheep		
55	61 part.1	f61	1065-1080	Late group	Avranches	text/initial letter	Sheep		
302	A. 178	f1	1065-1085	Late group	Rouen	title	Sheep	271	18
303	A. 178	f2	1065-1085	Late group	Rouen	text	Sheep	171	33
304	A. 178	f3	1065-1085	Late group	Rouen	text	Sheep	185	31
305	A. 178	f6*	1065-1085	Late group	Rouen	text/initial letter	Calf	278	46
306	A. 178	f17	1065-1085	Late group	Rouen	text/initial letter	Sheep	186	24
307	A. 178	f76	1065-1085	Late group	Rouen	text	Sheep	179	13
90	58	f3	1065-1090	Late group	Avranches	ornate letter	Calf		
91	58	f7	1065-1090	Late group	Avranches	text/initial letter	Sheep		
93	58	f50	1065-1090	Late group	Avranches	text	Sheep		
92	58	f81	1065-1090	Late group	Avranches	text	Sheep		
19	73	f28	1070-1085	Late group	Avranches	text	Sheep		
193	73	f38	1070-1085	Late group	Avranches	text/initial letter	Sheep		
20	73	f49	1070-1085	Late group	Avranches	text	Sheep		
194	73	f58	1070-1085	Late group	Avranches	text	Sheep		
21	73	f91	1070-1085	Late group	Avranches	text	Sheep		
135	82	f8	1070-1095	Late group	Avranches	text	Sheep		
136	82	f48	1070-1095	Late group	Avranches	text/initial letter	Sheep		
137	82	f52	1070-1095	Late group	Avranches	text/initial letter	Sheep		
286	Latin8055	p1	1070-1095	Late group	Bnf	text	Sheep		
285	Latin8055	p17	1070-1095	Late group	Bnf	text	Sheep		
287	Latin8055	p61	1070-1095	Late group	Bnf	text	Sheep		
225	89	f1	1070-1095	Late group	Avranches	text	Sheep		
226	89	f2	1070-1095	Late group	Avranches	text	Sheep		
227	89	f3	1070-1095	Late group	Avranches	text	Sheep		
228	89	f4	1070-1095	Late group	Avranches	text	Sheep		
141	89	f81	1070-1095	Late group	Avranches	text	Sheep		
142	89	f96	1070-1095	Late group	Avranches	ornate letter	Sheep		
143	89	f190	1070-1095	Late group	Avranches	text	Sheep		
132	146	f1	1070-1095	Late group	Avranches	text/initial letter/titre	Sheep		
133	146	f9	1070-1095	Late group	Avranches	text/initial letter	Sheep		
134	146	f102	1070-1095	Late group	Avranches	text/initial letter	Sheep		
206	146	f165	1070-1095	Late group	Avranches	text	Sheep		
72	35 part.1	f75	1070-1095	Late group	Avranches	ornate letter	Sheep		

260	35 part.1	f78	1070-1095	Late group	Avranches	text	Sheep	224	14
73	35 part.1	f121	1070-1095	Late group	Avranches	text	Sheep		
13	9	f1	1080-1100	Late group	Avranches	text	Sheep		
12	9	f21	1080-1100	Late group	Avranches	text	Sheep		
102	47	f3	1080-1100	Late group	Avranches	ornate letter	Sheep		
103	47	f62	1080-1100	Late group	Avranches	ornate letter	Sheep		
101	47	f102	1080-1100	Late group	Avranches	text	Sheep		
100	47	f114	1080-1100	Late group	Avranches	ornate letter	Sheep		
129	57	f1v	1080-1100	Late group	Avranches	text/initial letter	Sheep		
130	57	f18	1080-1100	Late group	Avranches	text/initial letter	Sheep		
259	57	f49	1080-1100	Late group	Avranches	text/initial letter	Sheep	248	17
258	57	f73	1080-1100	Late group	Avranches	ornate letter	Sheep	218	25
131	57	f74	1080-1100	Late group	Avranches	text	Sheep	206	23
155	102	f1	1080-1100	Late group	Avranches	ornate letter	Sheep	242	38
192	102	f64	1080-1100	Late group	Avranches	text/initial letter	Sheep	188	16
157	102	f127	1080-1100	Late group	Avranches	text/initial letter	Sheep	277	43
262	102	f183	1080-1100	Late group	Avranches	ornate letter	Sheep	211	27

* second folio of a bifolio which first folio has been cut out

Table S3: Results of the proteomic analyses and thickness measurements of the parchment folios in manuscripts not produced in the Mont Saint-Michel

Sampling no.	MS	folio/page	Date	Collection	Type of content	Specie	Thickness (µm)	Standard deviation
163	50	f1	980-1000	Avranches	full page illumination	Sheep	396	74
210	50	f27	980-1000	Avranches	ornate letter	Sheep	157	25
164	50	f83	980-1000	Avranches	text	Sheep	192	17
165	50	f113	980-1000	Avranches	text	Sheep	191	18
84	79	f2	1015-1035	Avranches	text/initial letter	Sheep		
85	79	f32	1015-1035	Avranches	text/initial letter	Sheep		
86	79	f93	1015-1035	Avranches	text	Sheep		
1	98	f69	1000-1020	Avranches	text	Sheep		
2	98	f143	1000-1020	Avranches	ornate letter	Sheep		
3	98	f218	1000-1020	Avranches	ornate letter	Sheep		
69	129	f3	1015-1035	Avranches	text/initial letter	Sheep		
70	129	f18	1015-1035	Avranches	text/initial letter	Sheep		
71	129	f28	1015-1035	Avranches	text/initial letter	Sheep		

The raw proteomic data can be accessed from <https://doi.org/10.48579/PRO/ZEEJTH>



Figure S1: Folios f61v (goatskin) and f66v (calfskin) in manuscript M.641. The frame highlights the prickling holes and the arrow a torn area.