



# Akkadian

## Neo-Assyrian

**Akkadian v. 7.13:** Sumero-Akkadian and Early Dynastic Cuneiform.

**Assyrian v. 1.01:** Neo-Assyrian forms of cuneiform signs.

**Akkadian**  
**version 7.13**  
**2015**

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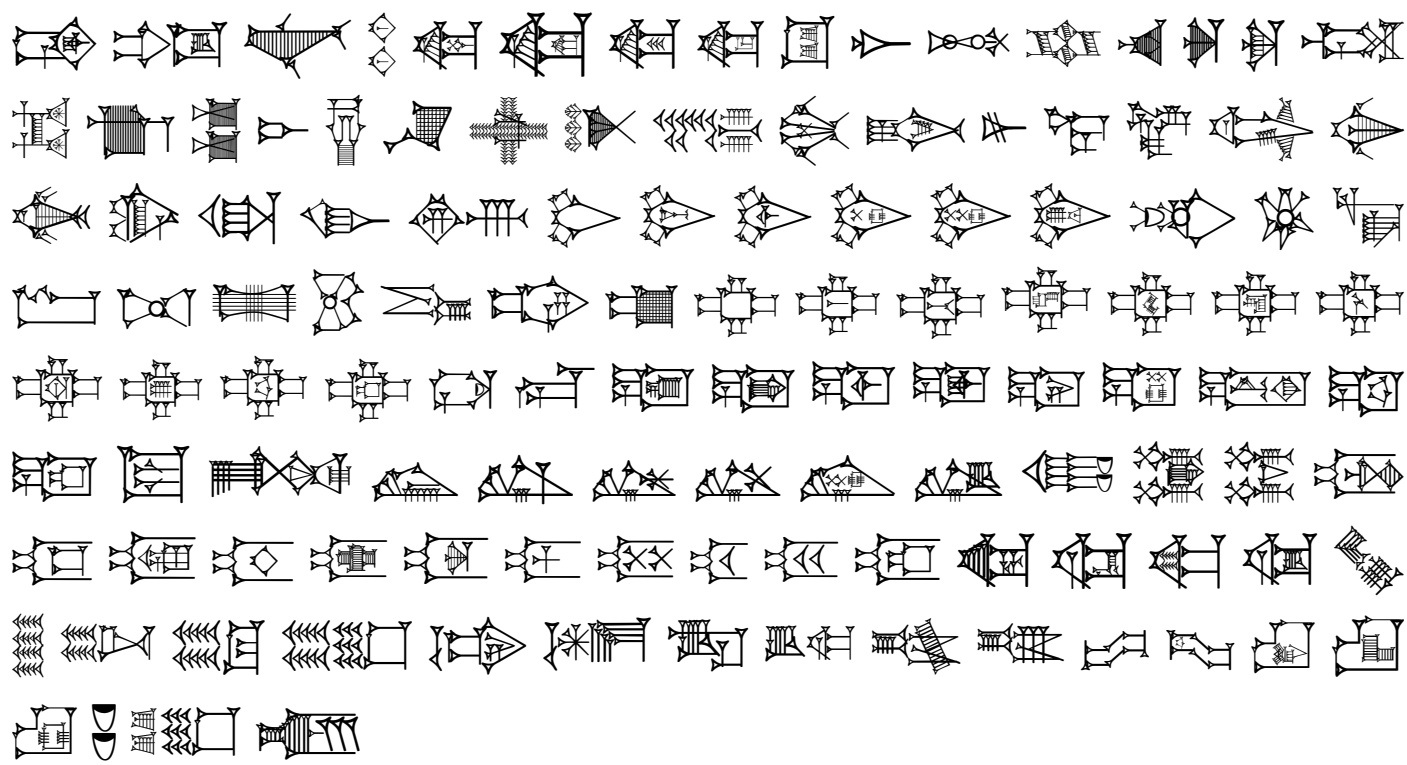
Unicode Fonts for Ancient Scripts  
<http://users.teilar.gr/~g1951d/>  
George Douros  
g1951d@teilar.gr

# Character repertoire of Akkadian

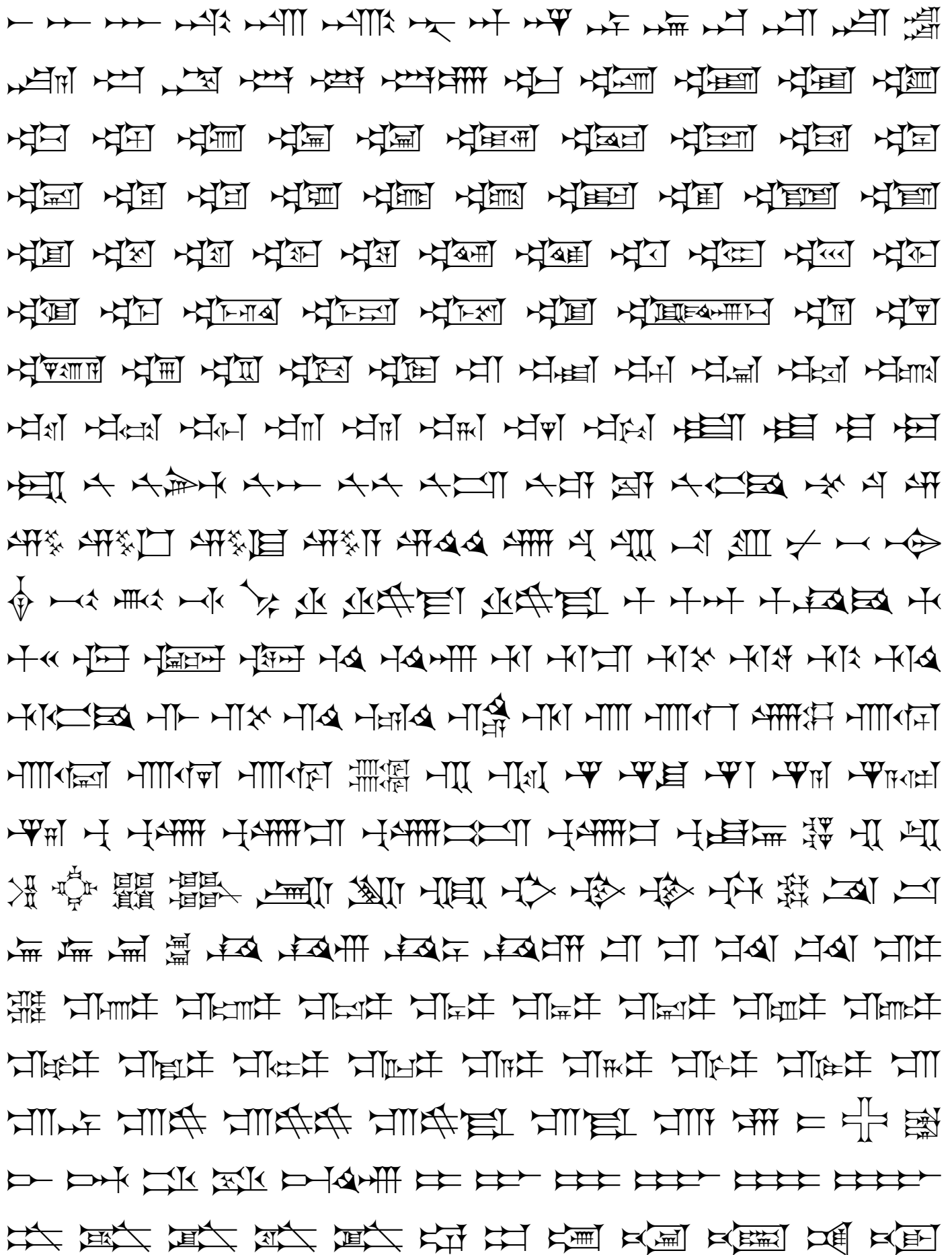
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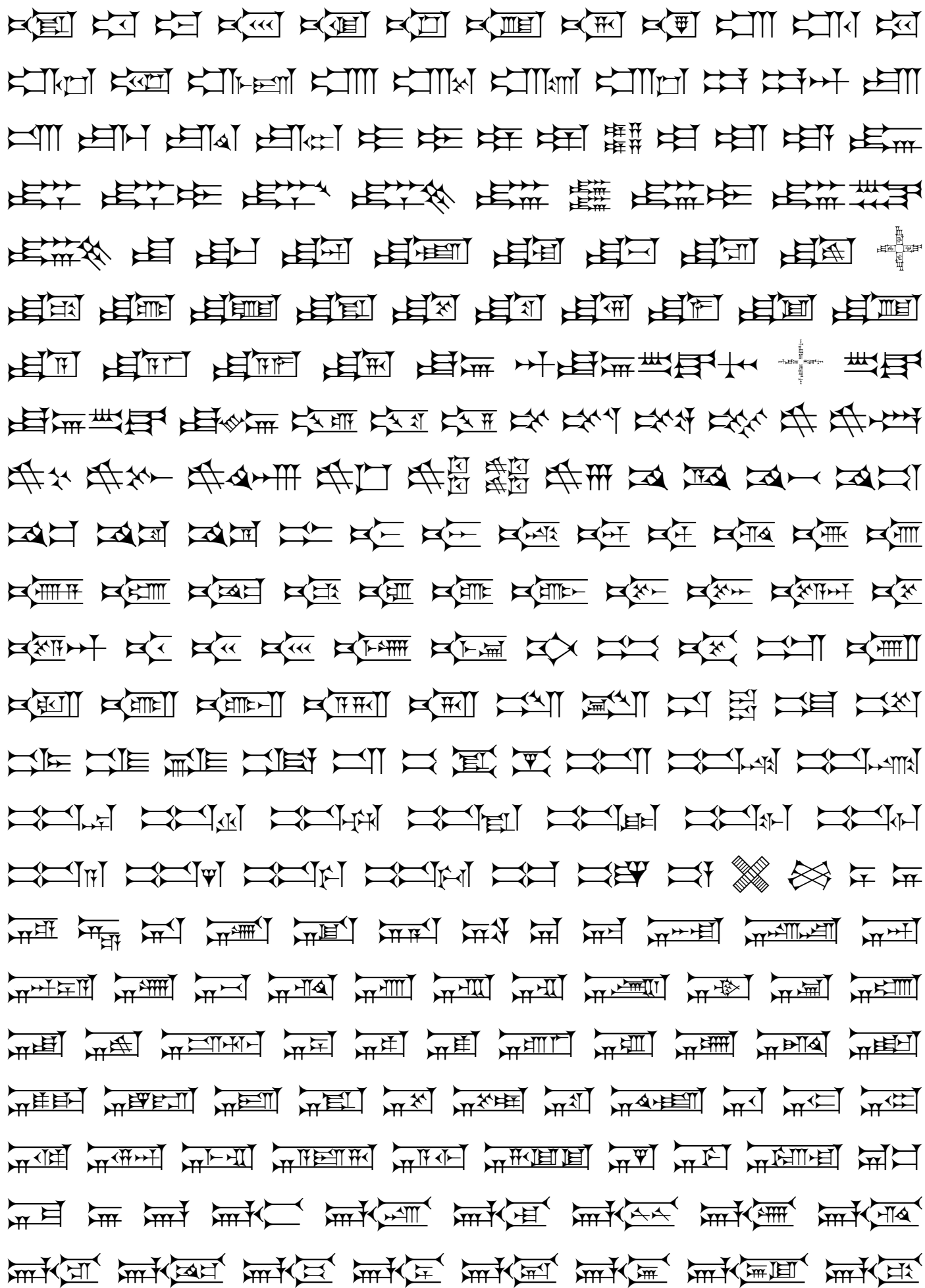




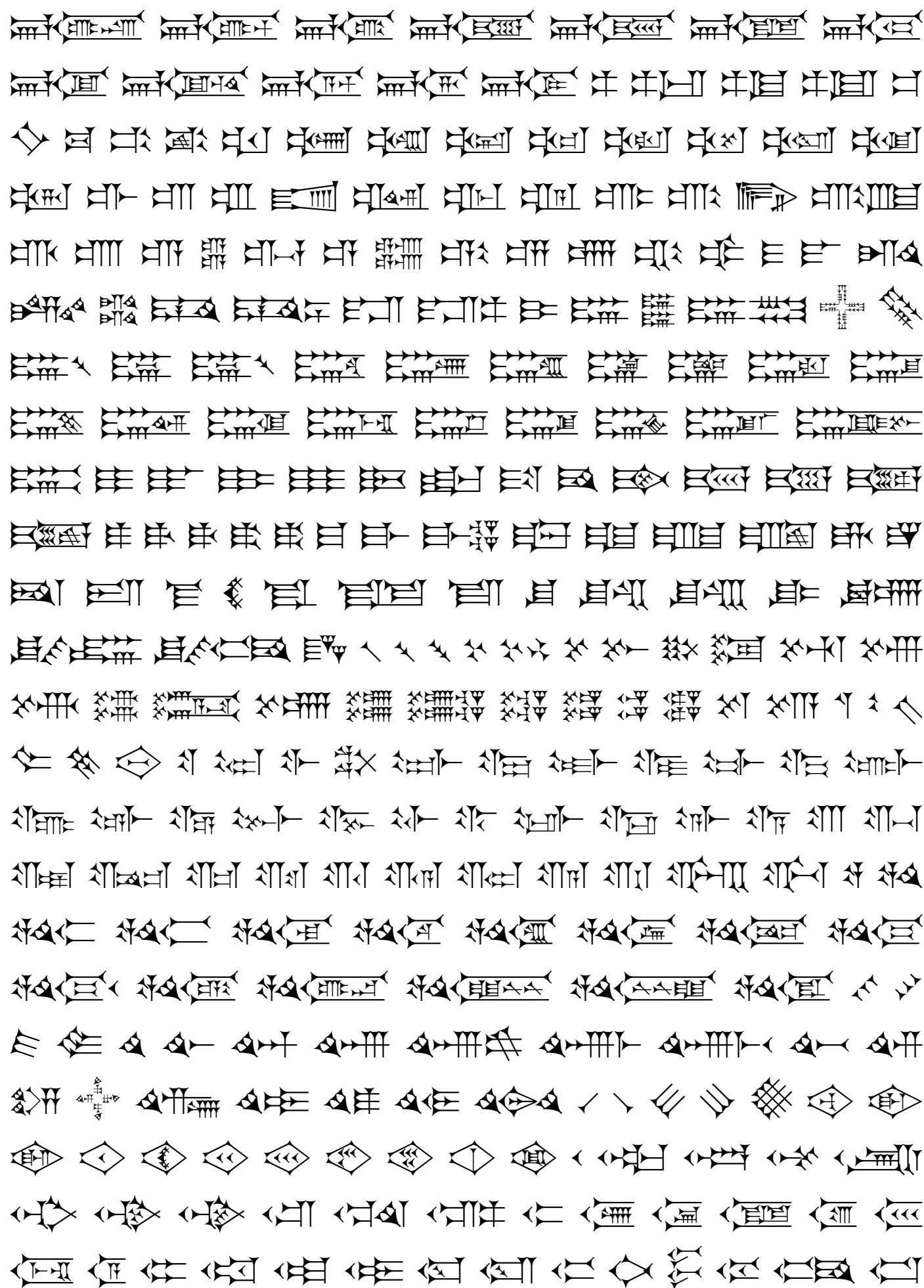


## Character repertoire of Assyrian



















































































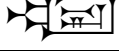
































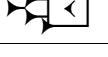

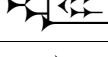

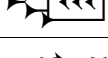


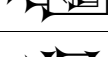







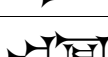

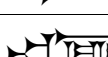

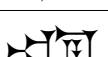

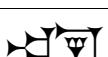

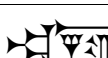













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


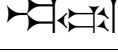

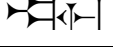





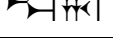



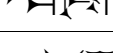

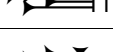











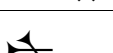




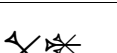


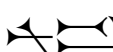









# Neo-Assyrian signs











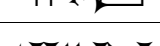

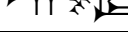





































A work-font encoding Neo-Assyrian cuneiform signs in F5200...F5629 of Plane 15 of Unicode. It provides the glyphs for the (currently empty) fifth column of [http://en.wikipedia.org/wiki/List\\_of\\_cuneiform\\_signs](http://en.wikipedia.org/wiki/List_of_cuneiform_signs). The actual shapes of the signs are based on <http://www.sumerisches-glossar.de/download/SignListNeoAssyrian.pdf> by Studt, Borger and Ellermeier.















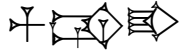
















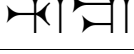
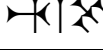

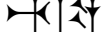




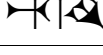
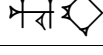
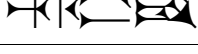
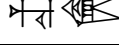


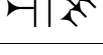





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3	F5201			1212C
4	F5203			12401
5	F5204			12044
6	F5205			12108
7	F5205			12109
8	F5207			12054
9	F5208			122FB
10	F5209			1202D
11	F520A			12038 + 122E9
12	F520B			1222E
13	F520C			1222F
14	F520D			12040
15	F520E			1236A
16	F520F			122E2
	F5210			122E3
17	F5211			122BF
18	F5212			12034
19	F5213			12035
20	F5214			12317
				1231A
21	F5216			1231B

22	F5217			122DA
23	F5217			
24	F5219			12157
25	F521A			12168
26	F521B			12172
27	F521C			
28	F521D			1217D
29	F521E			1215C
30	F521F			1215E
31	F5220			1217B
32	F5221			1217E
33	F5222			12164
34	F5223			1215A
35	F5224			1217A
36	F5225			
37	F5226			1216A
38	F5227			1216F
39	F5228			1218B
40	F5229			
41	F522A			
42	F522B			12182
43	F522C			12188
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48	F5231			12180









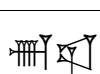










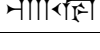









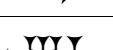




















49	F5232			12183
50	F5233			12181
51	F5234			12189
52	F5235			1217C
53	F5236			12160
54	F5237			1216E
55	F5238			
56	F5239			12187
57	F523A			12178
58	F523B			
59	F523C			1216D
60	F523D			12170
61	F523E			12174
	F523F			12176
	F5240			12175
	F5241			12177
62	F5242			12161
63	F5243			1216C
64	F5244			12158
65	F5245			12165
66	F5246			12166
67	F5247			
68	F5248			12184
69	F5249			1216B
70	F524A			
71	F524B			12337
72	F524C			1234B

73	F524D			1233A
74	F524E			1233E
75	F524F			1234E
76	F5250			1233C
77	F5251			1234D
78	F5252			1234C
79	F5253			12342
80	F5254			12347
81	F5255			12338
82	F5256			12341
83	F5257			1233F
84	F5258			12340
85	F5259			121F7
86	F525A			12305
87	F525A			121AD
88	F525A			122FD
89	F525D			121B7
90	F525E			12033
91	F525F			12224
92	F5260			1227D
	F5261			12359
93	F5262			1227D + 1212C
94	F5263			1227D + 1227D
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96	F5265			1227D + 1208A
	F5266			1208B
97	F5267			1219B





















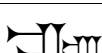

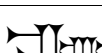

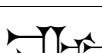

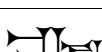
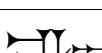

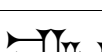

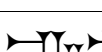

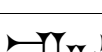

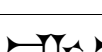

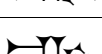

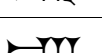

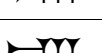

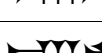

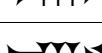




98	F5268			1222C
99	F5269			122E1
100	F526A			122C2
101	F526B			12364
102	F526C			12364 + 121B8
103	F526D			12364 + 120A0
104	F526E			12364 + 12000
105	F526F			12103
106	F5270			122FA
107	F5270			1226B
108	F5272			12190
109	F5273			12191
110	F5274			1223E
111	F5275			12292
112	F5276			12261
113	F5277			12041
				12142
				12300
				12357
114	F5277			12458
115	F527C			122D3
				12262
116	F527E			122D4
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




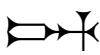
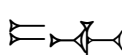





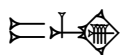



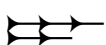





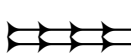

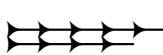
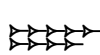



















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	F5285			12078
	F5284			
120	F5286			12226
121	F5286			12047
122	F5286			1244F
123	F5288			12047 + 1202D
124	F5289			12226 + 12118 + 120FC
125	F528A			12226 + 1230B
126	F528B			12226 + 1230B + 1230B
127	F528C			1201D
128	F528D			1201F
129	F528E			1201E
130	F528F			12227
131	F5290			121B2
132	F5291			12137
133	F5292			
134	F5293			12246
135	F5294			12246 + 1209F
				12245
136	F5295			12145
137	F5296			12137 + 1212D
138	F5297			12137 + 1223F
139	F5298			122E5
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


























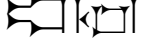

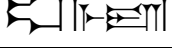

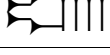

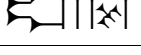
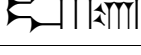
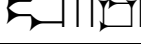


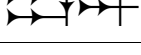






























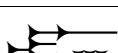

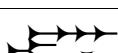

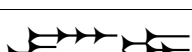
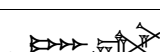
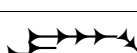
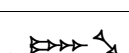
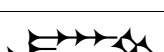
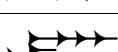
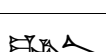


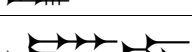
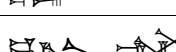
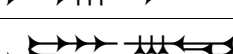
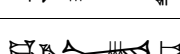



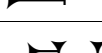


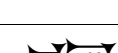

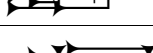

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142	F529D			12291
143	F529E			12263
144	F529E			12269
145	F52A0			12263 + 121EC
	F52A1			1226C
146	F52A2			12265
146.1	F52A3			12265
146.2	F52A4			12264
147	F52A5			12266
	F52A6			12267
148	F52A7			1218F
149	F52A7			12138
150	F52A9			1213D
151	F52AA			122E9
152	F52AB			1223D
153	F52AC			12239
154	F52AD			1223A
155	F52AE			1223B
156	F52AF			
157	F52B0			120F0
158	F52B1			120F0 + 122FA
159	F52B2			120F0 + 122FA + 122DB
160	F52B3			12322
161	F52B4			120F0 + 122FA + 12111
162	F52B5			122D2
163	F52B6			120F1






























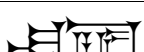

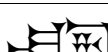





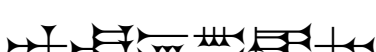
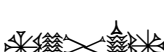




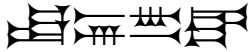





164	F52B7			12097
	F52B8			1209A
	F52B9			1209B
	F52BA			1209D
	F52BB			121AB
	F52BC			1203B
165	F52BD			12098
	F52BE			12099
166	F52BF			12070
167	F52C0			12074
168	F52C1			12075
	F52C2			
169	F52C3			12051
	F52C4			12052
170	F52C5			122ED
171	F52C6			121AF
172	F52C7			12293
173	F52C8			1203F
174	F52C9			120F7
	F52CA			120F9
175	F52C9			120F8
176	F52CC			12118
177	F52CD			1211B
178	F52CE			12119
179	F52CF			12118 + 12327
180	F52D0			12125
181	F52D1			122DB





























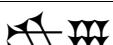













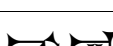








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	F52D4			
184	F52D5			12295
	F52D6			122A7
185	F52D7			1229E
186	F52D8			122A4
187	F52D9			12297
188	F52DA			1229A
189	F52DB			
190	F52DC			122A6
191	F52DD			122A0
192	F52DE			122A2
193	F52DF			122A3
194	F52E0			
195	F52E1			1229D
196	F52E2			122A5
197	F52E3			12296
198	F52E4			12299
199	F52E5			1229F
200	F52E6			1229C
201	F52E7			12223
202	F52E8			12223 + 1222E
203	F52E9			1235A
204	F52EA			1235B
205	F52EB			122EA
206	F52EC			

207	F52ED			122DB + 12000
208	F52EE			
209	F52EF			122F0
	F52F0			122F2
	F52F1			122F1
210	F52F2			1243B
211	F52F3			122F0 + 122FE
212	F52F4			120FE
213	F52F5			120FF
214	F52F6			122F0 + 121B2
215	F52F7			121F9
				12402
216	F52F9			12403
217	F52FA			12404
218	F52FB			12405
219	F52FC			12406
220	F52FD			12407
221	F52FE			122F3
	F52FF			122F5
	F5300			122F7
	F5301			122F9
	F5302			122F8
222	F5303			1218D
223	F5304			1200A
224	F5305			
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226	F5307			12013







































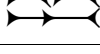





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	F530D			
232	F530E			12015
				12014
233	F5310			
234	F5311			12012
235	F5312			1200C
236	F5313			1200F
237	F5314			12011
238	F5315			1231D
239	F5316			12321
	F5317			12350
240	F5318			
	F5319			
241	F531A			1231F
242	F531B			1207E
243	F531C			
244	F531D			
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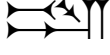







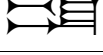



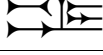

















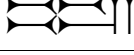



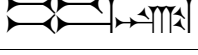
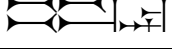



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251	F5325			122EE
252	F5326			1213F
253	F5327			120F6
254	F5327			
255	F5329			12309
256	F532A			12309 + 12079
257	F532B			1230A
258	F532C			1201C
259	F532D			12362
260	F532E			12140
261	F532F			12154
262	F5330			12290
263	F5331			12290 + 120F6
264	F5332			12290 + 120F5
265	F5333			
266	F5334			12217
	F5335			12218
267	F5336			12217 + 120F6
268	F5337			12219
269	F5338			
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271	F533A			120A1
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272	F533C			120A1
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







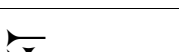

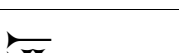




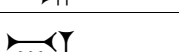

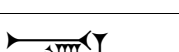

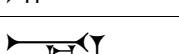

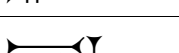

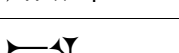




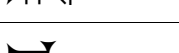

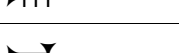

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284	F5349			120AE
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286	F534B			120B2
287	F534C			
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290	F534F			120A4
291	F5350			120A9
292	F5339			122E7
293	F5352			12240
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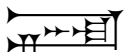





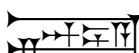








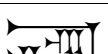



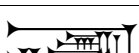

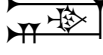

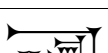

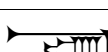





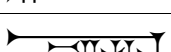






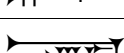

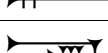

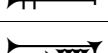



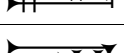

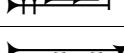

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298	F535B			12083
				120EE
299	F535D			
300	F535E			12094
301	F535F			1222D
302	F5360			1219C
303	F5361			1219C + 1231A
304	F5362			1219C + 121B3
305	F5363			1219C + 1204D
306	F5364			1219C + 12134
307	F5365			1219C + 121B8
	F5366			1219D
	F5367			1219E
308	F5368			1219C + 1240B
309	F5369			12120
310	F536A			1211F
311	F536B			1235C
312	F536C			1224B
313	F536D			12248
314	F536E			1224A
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






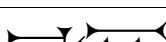
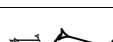

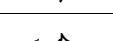

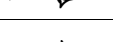
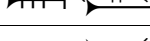
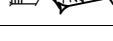
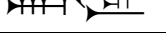
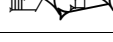

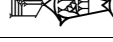

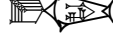











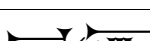
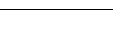
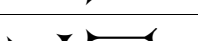
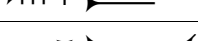


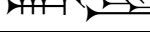
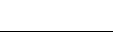








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332	F5382			1225D
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














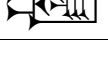

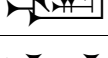

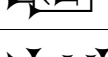

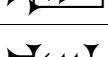

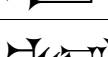

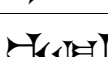



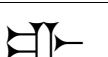













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352	F539A			1207D
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361	F53A4			1204B
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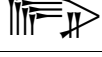





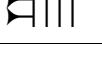




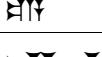

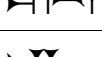

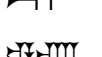



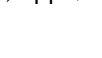


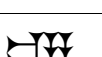


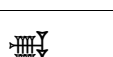
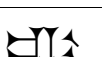



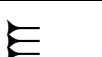












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370	F53AD			
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374	F53B1			122D1
375	F53B2			122CE
376	F53B3			12110
377	F53B4			12143
378	F53B5			
	F53B6			120FA
	F53B7			12112
379	F53B8			12195
380	F53B9			1224C
	F53BA			1224D
	F53BB			
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382	F53BD			12355
383	F53BE			12353
384	F53BF			12352
385	F53C0			1224C + 12313
				1224C + 1209F
386	F53C0			1224C + 1209F
387	F53C3			120B7
388	F53C3			122D6

389	F53C5			120BD
390	F53C6			120D3
391	F53C7			120D0
392	F53C8			120BC
393	F53C9			
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395	F53CB			120BF
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402	F53D2			120CB
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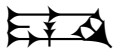














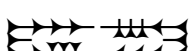





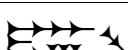



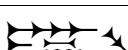
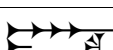

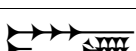
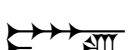



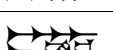

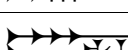

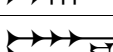
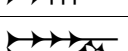

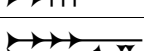



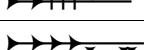

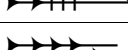

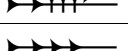




































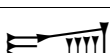
















437	F53FB			12155
438	F53FC			12056
439	F53FD			
440	F53FE			1205E
441	F53FF			12064
442	F5400			12069
443	F5401			1206B
444	F5402			1205D
445	F5403			1206A
446	F5404			12068
447	F5405			1205A
448	F5406			12063
449	F5407			1206D
450	F5408			12061
451	F5409			12062
452	F540A			1205F
453	F540B			1206C
454	F540C			
455	F540D			1205B
456	F540E			
	F540F			
457	F5410			12059
458	F5411			12058
459	F5412			12065
460	F5413			12066
461	F5414			12057
462	F5415			12060





















































463	F5416			12067
464	F5417			1227A
465	F5417			12450
466	F5419			1227A + 12141
467	F541A			1227A + 12306
468	F541B			1227A + 121FB
469	F541C			12111
470	F541D			12115
471	F541E			12113
472	F541F			1211E
473	F5420			
474	F5421			12020
475	F5422			
	F5423			12025
476	F5424			12028
477	F5425			12023
478	F5426			12021
479	F5427			12027
480	F5428			12022
481	F5429			12026
482	F542A			12024
483	F542B			12225
484	F542C			121A4
485	F542D			122C3
	F542E			12260
486	F542D			12229
487	F5430			122C5


























































































































































































































































































































488	F5431			
489	F5432			122C4
490	F5433			12311
491	F5434			120B5
492	F5435			120B6
493	F5436			1214D
494	F5437			1221B
495	F5438			1208D
496	F5439			12197
				12128
	F543B			12199
497	F543C			12198
498	F543D			1208A
	F543E			1208C
499	F543F			12081
				1204A
500	F5441			12326
501	F5441			12327
502	F5443			1226A
503	F5444			12127
504	F5445			12312
505	F5446			1203C
				1243A
506	F5448			1243D
507	F5449			12104
508	F544A			12106
	F544B			12105

















































509	F544C			1211D
510	F544D			1211D + 12195
511	F544E			1228F
512	F544F			122A8
513	F5450			1203C + 122F0
				1243A + 122F0
514	F5452			121FD
	F5453			12212
	F5454			12213
	F5455			12214
515	F5456			12211
516	F5457			12215
517	F5458			121FF
518	F5459			
519	F545A			12205
520	F545B			
	F545C			12206
521	F545D			12202
522	F545E			1220C
523	F545F			121FE
524	F5460			
525	F5461			12203
526	F5462			12204
527	F5463			12208
527.1	F5464			1220B
528	F5465			1220A
529	F5466			

















































530	F5466			12210
	F5466			12200
531	F5469			12201
532	F546A			
533	F546B			1220F
534	F5457			12215
535	F546D			122C0
				12336
536	F546F			12440
537	F5470			12441
538	F5471			12445
539	F5472			12447
540	F5473			12360
541	F5474			122AC
542	F5475			12319
543	F5476			120FC
544	F5477			121F8
545	F5478			12318
546	F542E			12260
547	F547A			12323
	F547B			12324
	F547C			12325
548	F547D			1203E
				12369
549	F547D			12451
550	F5480			12452
	F5481			12453
































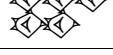













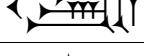



551	F5482			12454
	F5483			12455
552	F5484			12220
553	F5485			120F2
	F5486			120F3
554	F5487			12048
555	F5488			12216
556	F5489			12086
				12087
557	F548B			12088
558	F548C			1212B
559	F548D			12053
560	F548E			12009
561	F548F			12055
562	F5490			120FD
563	F5491			12434
564	F5492			1214A
565	F5493			12080
				12046
566	F5495			122AD
567	F5496			122D7
568	F5497			12192
569	F5498			12193
570	F5499			1221C
571	F549A			122B7
572	F549B			12121
573	F549C			12029

574	F549D			12335
575	F549E			12039
576	F549F			120F5
				12472
577	F54A1			12448
				12473
578	F54A3			121B3
	F54A4	 	 	121B4
579	F54A5			122BA
580	F54A6	 	 	1204D
581	F54A7	  	  	12050
582	F54A8	   	    	1204E
583	F54A9	    	    	122BA + 12137
584	F54AA	    	    	122E4
585	F54AB	     	     	12232
	F5261	     	     	12359
586	F54AD	     	     	12236
			     	12238
	F54AF	                       	               	12237
587	F54B0	                       	               	12301
	F54B1	                       	               	12303
588	F54B2	                       	               	12304
	F54B3	                       	               	122BC
	F54B4	             		


















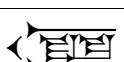













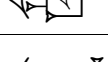

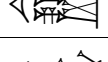

















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591	F54B9			121FA
592	F54BA			12471
593	F54BB			1244A
594	F54BC			12462
595	F54BD			1219A
	F54BE			12130
596	F54BF			12313
597	F54C0			12316
598	F54C1			1227F
	F54C2			12289
	F54C3			12281
	F54C4			
	F54C5			12285
	F54C6			
	F54C7			12282
	F54C8			
	F54C9			12289
	F54CA			
	F54CB			12284
	F54CC			
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	F54D2			





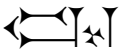
















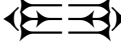



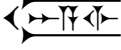



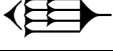
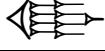

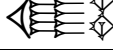


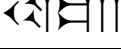
















	F54D3	𐤔𐤓𐤕	𐤔𐤓𐤕	12280
	F54D4	𐤔𐤓𐤕		
599	F54D5	𐤔𐤓𐤕	𐤔𐤓𐤕	122AE
600	F54D6	𐤔𐤓𐤕	𐤔𐤓𐤕	122B0
601	F54D7	𐤔𐤓𐤕	𐤔𐤓𐤕	122B4
602	F54D8	𐤔𐤓𐤕	𐤔𐤓𐤕	122B2
603	F54D9	𐤔𐤓𐤕	𐤔𐤓𐤕	122B1
604	F54DA	𐤔𐤓𐤕		
605	F54DB	𐤔𐤓𐤕	𐤔𐤓𐤕	122B5
606	F54DC	𐤔𐤓𐤕	𐤔𐤓𐤕	122B6
607	F54DD	𐤔𐤓𐤕		
608	F54DE	𐤔𐤓𐤕	𐤔𐤓𐤕	122AF
609	F54DF	𐤔𐤓𐤕	𐤔𐤓𐤕	122B3
610	F54E0	𐤔𐤓𐤕	𐤔𐤓𐤕	12313 + 122A9 + 12138
611	F54E1	𐤔𐤓𐤕	𐤔𐤓𐤕	12314
612	F54E2	𐤔𐤓𐤕	𐤔𐤓𐤕	1209F
613	F54E2	𐤔𐤓𐤕		
614	F54E4	𐤔𐤓𐤕	𐤔𐤓𐤕	1226D
615	F54E5	𐤔𐤓𐤕		
	F54E6	𐤔𐤓𐤕		
616	F54E7	𐤔𐤓𐤕	𐤔𐤓𐤕	12274
617	F54E8	𐤔𐤓𐤕	𐤔𐤓𐤕	12276
618	F54E9	𐤔𐤓𐤕	𐤔𐤓𐤕	12273
619	F54EA	𐤔𐤓𐤕	𐤔𐤓𐤕	1226E
620	F54EB	𐤔𐤓𐤕	𐤔𐤓𐤕	12275
621	F54EC	𐤔𐤓𐤕	𐤔𐤓𐤕	1226F
			𐤔𐤓𐤕	12278



















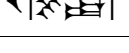




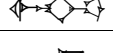
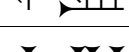

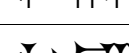
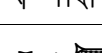

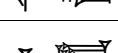

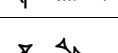




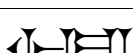

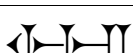

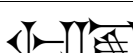
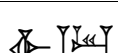












622	F54EE			12279
623	F54EF			12271
624	F54F0			
625	F54EF			12270
626	F54F2			
	F54F3			
627	F54F4			12272
628	F54F5			12366
	F54F6			12367
629	F54F7			1244B
630	F54F8			12461
631	F54F9			1212D
632	F54F9			122B9
633	F54F9			
634	F54FC			1212E
635	F54FD			1202A
636	F54FE			12134
637	F54FF			12134 + 1219C
638	F5500			12134 + 12228
639	F5501			12134 + 12228 + 1230B
640	F5502			
641	F5503			1214E
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	F5505			12150
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643	F5508			12135

















































644	F5509			1212F
645	F550A			1212D + 1210A
646	F550B			122E6
647	F550C			
	F550D			1203A
648	F550E			
	F550F			1236D
649	F5510			1203D
650	F5511			12132
651	F5512			12432
652	F5513			12433
653	F5514			1242C
654	F5515			
655	F5516			1242D
656	F5517			1242E
				1242F
657	F5519			12430
658	F551A			12431
659	F551B			12131
660	F551C			12133
661	F551D			1230B
662	F5491			12434
663	F551F			1230B + 12157
664	F5520			
665	F5521			1230B + 1222C
666	F5522			1230B + 12098
667	F5523			1230B + 12074

































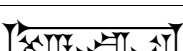















































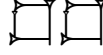
























668	F5524			1230B + 12075
	F5525			
669	F5526			1230B + 12125
670	F5527			1230B + 1206F
671	F5528			1230B + 12295
672	F5529			12016
673	F552A			1201B
674	F552B			12018
675	F552B			1210C
676	F552D			12017
677	F552E			1201A
678	F552F			121A7
679	F5530			12019
680	F5531			
681	F5532			1222A
682	F5533			12122
683	F5534			1230B + 1201C
684	F5535			1230B + 120F6
685	F5536			1227C
686	F5537			12076
687	F5538			121A8
	F5539			
	F553A			121A9
688	F553B			12136
689	F553C			1223F
690	F553D			1224F
691	F553E			12250
















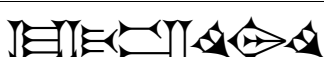

















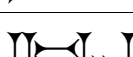





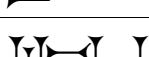











692	F553F			12251
693	F5540			121F4
694	F5541			121F5
695	F5542			1202B
696	F5543			1202C
697	F5544			
698	F5545			1230C
699	F5546			1230B + 121A4
700	F5547			1230B + 120B5
701	F5548			1210A
	F5548			1228A
	F554A			1228E
702	F554B			1210E
703	F554C			1210B
	F554D			1210D
704	F554E			12082
705	F554F			1222A + 1226D
706	F5550			1230B + 12313
707	F5551			1230B + 12313 + 121A4
708	F5552			1230B + 1230B
709	F5553			1230B + 12434
710	F5554			1230B + 1210A
				1230B + 1228A
711	F5555			1230D
712	F5556			1240F
713	F5557			12310
714	F5558			12410











































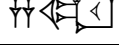








715	F5559			12411
716	F555A			12412
717	F555B			12413
718	F555C			12414
719	F555D			121EC
720	F555E			1230B + 12306
721	F555F			121EF
	F5560			121F0
722	F5561			121ED
723	F5562			121EE
724	F5563			12146
	F5564			12149
725	F5565			12146 + 12292
726	F5566			12148
727	F5567			12146 + 1207E
728	F5568			12146 + 1208D
729	F5569			12146 + 1209F
730	F5569			12146 + 1209F
731	F556B			12147
732	F556B			12146 + 120A0
733	F556D			12146 + 12328
734	F556E			12146 + 1232A
735	F556F			12146 + 120FB
736	F5570			12072
737	F5571			121A0
738	F5572			121A1
739	F5573			121A3

740	F5574			121A2
741	F5575			1227E
742	F5576			
743	F5577			12294
744	F5578			12084
745	F5579			121AC
746	F557A			1227B
747	F557B			1230B + 1240A
748	F557C			12079
749	F557C			
750	F557E			121F2
751	F557F			121F3
752	F557F			
753	F5581			12228
754	F5582			12228 + 1230D
	F5583			
755	F5584			121B8
756	F5585			121C9
757	F5585			
758	F5587			121BE
759	F5588			121E3
760	F5589			121C0
761	F558A			121D2
762	F558B			121D3
763	F558C			
764	F558D			121C3
765	F558E			121C2
















































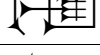





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767	F5590			121E1
768	F5591			121DB
769	F5592			121C1
770	F5593			121EA
771	F5594			121DE
	F5595			121DD
772	F5596			121C6
773	F5597			121BD
774	F5598			121E8
775	F5599			121C4
776	F559A			121CB
777	F559B			121D7
778	F559C			121BF
779	F559D			121DC
780	F559E			121DA
781	F559F			121E4
782	F55A0			121D5
783	F55A1			121E9
784	F55A2			121CA
785	F55A3			121CC
786	F55A4			121E5
787	F55A5			121E6
788	F55A6			121E7
789	F55A7			121CF
790	F55A8			121D1
791	F55A9			121D8








































792	F55AA			121D9
793	F55AB			121D6
794	F55AC			121D0
795	F55AD			121B9
796	F55AE			
797	F55AF			121BA
798	F55B0			121BC
799	F55B1			121BB
800	F55B2			121C8
801	F55B3			121C5
802	F55B4			121DF
803	F55B5			121E0
804	F55B6			121B8 + 121B8
	F55B7			121D4
805	F55B8			121EB
806	F55B9			121E7 + 121E7
807	F55BA			12141
808	F55BB			121AA
				12089
809	F55BB			12306
				12247
810	F55BB			120A0
				12365
811	F55BB			
812	F55C2			121FB
813	F55C2			12073
814	F55C2			121FC

815	F55C5			121A5
816	F55C6			122E0
817	F55C7			12071
818	F55C8			1209E
819	F55C9			12126
820	F55CA			12230
821	F55CB			122C1
822	F55CC			
823	F55CD			122C1 + 122E6
824	F55CE			12079 + 1230B
825	F55CF			1222B
826	F55D0			1245A
827	F55D1			12307
828	F55D2			12328
	F55D3			12329
829	F55D4			1232A
	F55D5			
	F55D6			
830	F55D7			12107
831	F55D8			1222B + 1230D
832	F55D9			1245B
833	F55DA			1231C
834	F55DB			12408
835	F55DC			12334
836	F55DD			12085
837	F55DE			12408 + 1230B + 1230B
838	F55DF			1245C

839	F55E0			12000
	F55E1			12037
840	F55E2			12002
841	F55E3			12008
842	F55E4			12007
843	F55E5			12006
844	F55E6			12005
845	F55E7			12001
846	F55E8			12004
847	F55E9			
848	F55E9			12456
849	F55EB			12456 + 1227D
850	F55EC			12457
851	F55ED			1235D
852	F55ED			1235D
				12409
853	F55ED			1235D
				12409
854	F55F2			1235E
855	F55F3			1235F
856	F55F4			12129
857	F55F5			1212A
858	F55F6			1235D + 12122
859	F55F7			120FB
860	F55F7			1243C
861	F55F9			1240A
862	F55FA			1240B



863	F55FB			12153
				1240C
864	F55FD			1240D
865	F55FE			12449
866	F55FF			12442
867	F5600			12444
868	F5601			12446
869	F5602			122D9
	F5603			1245F
870	F5604			122D9 + 1202D
871	F5605			122D9 + 1202D + 12132
872	F5606			122D9 + 1202F
873	F5607			122D9 + 12240
874	F5608			122D9 + 12248
875	F5609			122D9 + 1203E
876	F560A			122D9 + 12088
877	F560B			1213E
878	F560C			122BE
879	F560D			122D9 + 1230D
880	F560E			122D9 + 1232A
881	F560F			122DD
882	F5610			1227E
883	F5611			122A9
884	F5612			1236E
885	F5613			122AA
886	F5614			122A9 + 121AA
887	F5614			122A9 + 12306

888	F5614			
889	F5617			1206E
890	F5618			122A9 + 121B3
891	F5619			12116
892	F561A			12117
893	F561B			12244
894	F561C			12244 + 1235E
895	F561D			122A9 + 121EC
896	F561E			121B5
897	F561F			122A9 + 120A0
898	F5620			122A9 + 12328
899	F5621			12096
900	F5622			1221D
901	F5622			12231
902	F5624			1221E
903	F5625			1221E + 122D9
904	F5626			1221F
905	F5627			122DE
906	F5627			122DE
907	F5629			122DF