

To: Unicode Technical Committee and ISO/IEC JTC1/SC2 and WG2
From: Deborah Anderson, SEI, UC Berkeley
Date: 21 September 2016
Title: Preliminary Mapping table of Möller’s Egyptian Hieroglyphs

This document describes the contents of the accompanying spreadsheet.

The spreadsheet identifies the mappings between Möller and Gardiner, based on various sources (listed below, under “Spreadsheet fields”). It also highlights (in yellow or grey), the newly proposed characters in N4741 (L2/16-250) so experts can easily identify the proposed characters, and check to see whether separate encoding is justified (or whether they should be mapped to other characters). The spreadsheet will also allow experts to check the mappings for the non-highlighted (non-proposed) characters. The spreadsheet is intended to be an aide to help in reviewing N4741 and to identify and correct Möller to Gardiner mappings; it is not meant to be definitive.

Experts are asked to first focus on the highlighted fields for the proposed characters, and then to review the other mappings.

Spreadsheet fields

The fields in the spreadsheet are as follows:

- Möller number
 - Numbers appear in the format MoXXX, and refer to the numbers in the 4 vols of Möller’s *Hieratische Paläographie*
- Bob Richmond’s 2016 rough mapping of Möller to characters currently in [Unicode](#)
 - Cited by the letter and number in the Unicode name (i.e., “B005A”, which is shorthand for “EGYPTIAN HIEROGLYPH B005A”, the full [Unicode](#) character name)
- Bob Richmond’s proposed mapping for clusters
 - Cluster sequences use *, :, and +, as described in [L2/16-018](#). Note that the plus sign (+) has since been rescinded, and the exact model and syntax for the clusters is still under discussion.
- Hieroglyphica (2000A) mapping by Bob Richmond
- N4741 proposed code point by Michael Everson
- N4741 proposed name by Michael Everson
 - Proposed names follow the Unicode naming pattern (i.e., Gardiner category + next number available in [Unicode](#) for that category)
- N4741 references to Möller

- The format is v[olume] p[age] n[ote]
- Vervloesem's mapping
 - Based on <http://www.filipvervoesem.be/indexmoller.pdf>. The slash (/) indicates that there was no Gardiner equivalent
- Mark-Jan Nederhof's mapping
 - Based on <https://mjn.host.cs.st-andrews.ac.uk/egyptian/unicode/tablehieratic.html>
- Comments

Highlighting:

Yellow highlighting: indicates proposed characters that have no mapping, or only have a number assigned in Hieroglyphica 2000 (but the character is not in Unicode).

Grey highlighting: indicates that the newly proposed characters has a proposed mapping by at least one source (either BR, V, or MJN).

Other abbreviations:

M (or in numbering on the left-hand column, Mo) = Möller

BR = Bob Richmond

MJN = Mark-Jan Nederhof

V = Vervloesem

E = Everson

DA = Debbie Anderson

* = see Comments column

Moeller number	Basic (BR)	Cluster	HG2000A (BR)	N4741	N4741 name	N4741 ref	Vervloesem	Nederhof	Notes
Mo1	A026						A26 (A359) (A366)	A26	
Mo1bis			A83	13440	A071	v3			
Mo2	A030						A30	A30	
Mo3			A31C	13442	A073	v2	/	A25*	* inexact match (MJN)
Mo4	A028						A28	A28	
Mo5	A031						A31	A31	
Mo6	A032A						A32	A32a	
Mo6a	A032							A32 *	* formally listed under Mo6
Mo7	A016						A16	A16	
Mo8			A16A	13443	A074	v2	/		
Mo8bis				13444	A075	v4p6			
Mo8ter				13445	A076	v4p11			
Mo9			A81	13446	A077	v1	/		
Mo10	A053						A53	A53	
Mo11	A021						A21	A21	
Mo12	A023						A23	A23	
Mo12bis				13447	A078	v3			
Mo13	A019						A19	A19	
Mo14	A020						A20	A20	
Mo14a	A019							A19 *	* formally listed under Mo14
Mo15	A024						A24	A24	
Mo16	A025						A25	A25	
Mo17	A059			13448	A079	v3 *	/, A59	A59	* Note: a017 v2 = a059 (E)
Mo17bis				13449	A080	v4p11			
Mo18	A066			1344A	A081	v23	/	A66	
Mo19	A068			1344B	A082	v3	/	A68	
Mo20			A121C	1344C	A083	v3	/		
Mo20bis			A184A	1344D	A084	v3	/		
Mo21	A058			1344E	A085	v23	/	A58	
Mo21bis				1344F	A086	v4p11			
Mo22	A035						A35	A35	
Mo23				13450	A087	v23	/		
Mo24	A037						A38	A37	
Mo25			A36C	13451	A088	v1	/		
Mo26	A051						A51	A51	
Mo27	A051			13452	A089	v1	(A51)	A51	
Mo28	A051			13453	A090	v1	(A51)	A51	
Mo29	A051			13454	A091	v1	(A51)	A51	
Mo30	A017						A17	A17	
Mo31	A017A						A17A	A17A	
Mo32	A007						A7	A7	
Mo33	A001						A1	A1	
Mo34			A77	13456	A093	v1			
Mo35	A002						A2 (A68) (A84)	A2	
Mo36	A008						A8	A8	
Mo37	A070						C11	A70	
Mo37a	C011							C11 *	* formally listed under Mo37
Mo37bis				13457	A094	v3	/		
Mo38	A004			13459	A096	v1	/	A4	
Mo39	A005						A5	A5	
Mo39a	A005A							A5a *	* formally listed under Mo39
Mo40	A006			1345A	A097	v1		A6	
Mo41	A006A						A6 (W54)	A6A	
Mo42	A009						A9	A9	
Mo43	A011						A11	A11	
Mo44	A012						A12	A12	
Mo45	A040						A40	A40	
Mo46	A052						A52	A52	
Mo47	A047						A47	A47	
Mo48	A047						(A47)	A47	
Mo49	A013						A13	A13	
Mo50	A014A						A14A	A14a	
Mo51	A014			1345B	A098	v1	/	A14	
Mo52	A015						A15	A15	
Mo53	A029						A29	A29	

Mo54	A054					A54		A54	
Mo55		A95	1345C	A099	v1				
Mo56			134E0	M-056	v1	?			
Mo57			134E1	M-057	v1	?			
Mo58						?			
Mo59			134E2	M-059	v2	?			
Mo60	*								*Not used? (BR)
Mo61	B001					B1, B24		B1	
Mo61bis			1345D	B010	v4p11				
Mo61B		B53							
Mo61a									
Mo62		B56	1345E	B011	v123	/		B7	
Mo62a		B53							
Mo62b	B007								
Mo63	B005A					A48, A49		B5a	
Mo63a	A048							A48 *	* formally listed under Mo63
Mo63b		B51							
Mo64		B2A	1345F	B012	v1	/		B2	
Mo65		B12				B2		B3 *	* 65 glyph doesn't seem to match B3 in v1p6 (DA)
Mo65a	B002							B2 *	* formally listed under Mo65
Mo66		B2:Z2				B4 (B3)		B4	
Mo67						B3 (B4)		B4	
Mo67a	B003							B3 *	* formally listed under Mo67
Mo68	B005					B5		B5	
Mo69		B37	13460	B013	v2	/			
Mo70	C018					C18		C18	
Mo71	A045		13461	C025	v2	/		A45	
Mo72	C002A		13462	C026	v1			C2a	
Mo73	C007					C7		C7	
Mo74	C004					C5 (C4)		C4	
Mo74a	C005							C5 *	* formally listed under Mo74
Mo74bis	C012					C12		C12	
Mo75						(C4)			
Mo76	C009					C1		C9	
Mo77	C010					C10 (C10A) (C175A)		C10	
Mo78		C111A	13463	C027	v1	/			
Mo79	D001					D1		D1	
Mo80	D002					D2		D2	
Mo80B		D2*Z1						D2*Z1	
Mo80C		D2:D21						D2:D21	
Mo81	D003					D3		D3	
Mo82	D004					D4		D4	
Mo82bis	D004					D4		D4	
Mo83	D005					D6 (D140)(D5)(D7A)		D5	
Mo84	D007					D7		D7	
Mo85	D009					D9		D9	
Mo86	D010					D10		D10	
Mo87	D017					D17		D17	
Mo88	D012					D12		D12	
Mo89	D013					D13		D13	
Mo89a	*							D13:D13 **	* use as distinct char (BR) ** formally listed under Mo89
Mo90	D020					D19, F63 (D20) (F1)		D20	
Mo91	D021					D21		D21	
Mo92	D025					D25		D25	
Mo92a	D024 *								* BR's 92a seems to = 92B of MJN/V and v2 (DA)
Mo92B	(see above)					D24 (D24A)		D24	
Mo93	D026					D26		D26	
Mo94	D027					D27 (D27A)		D27	
Mo95	D052					D52		D52	
Mo96	D053					D53		D53	
Mo97	N041		13464	D068	v3	D279			
Mo98						N41 (D280A) (N42)		N41	
Mo99						D36 (D36A)		D36	
Mo100	D041					D42		D42	
Mo101						/, D41		D41	
Mo102			13465	D069	v2	D212A			

Mo103	D037					D37	D37	
Mo103B		D37:D36 *					D21:D36	*seems to be an error
Mo103a		D21:D36*X1					D21:D36*X1 *	* formally listed under Mo103B
Mo103b		D21:D36:X1					D21:D36:X1 *	* formally listed under Mo103B
Mo104	D039					D39	D39	
Mo105	D040					D40	D40	
Mo106	D043					D43	D43	
Mo107	D045					D45 (D251)	D45	
Mo108	D028					D28	D28	
Mo109	D031					D31	D31a	
Mo110	D032					D32	D32	
Mo111	D035					D35	D35	
Mo111B		D35:N35					D35:N35	
Mo112	D033					D33	D33	
Mo113	D034A					D34 (D34A)	D34a	
Mo113a	D034						D34 *	* formally listed under Mo113
Mo114	D047					D47	D47	
Mo114a	D064						D64 *	* formally listed under Mo114; [uncertain] (MJN)
Mo115	D046					D46	D46	
Mo116	D049					D49	D49	
Mo117	D050					D50	D50	
Mo118	D051					D51	D51	
Mo118B		D51:D40				/	D51:D40	
Mo119	D054					D54	D54	
Mo120	D054					D54	D54	
Mo121	D055					D55	D55	
Mo122	D056					D56	D56	
Mo123	D057					D57	D57	
Mo124	D058					D58	D58	
Mo125	E023					D23	E23	
Mo126	E013					E13	E13	
Mo127	E014					E14	E14	
Mo128	E017					E17	E17	
Mo128bis	E017A		13469	E041	v3	/	E17a	
Mo129	E015					E15	E15	
Mo130	E016					E16	E16	
Mo131		E130	1346A	E042	v1	/		
Mo132	E034					E34	E34	
Mo132b		E34:N35					E34:N35	
Mo133	E007					E7	E7	
Mo134	E012					E12	E12	
Mo135	E025					E25	E25	
Mo136	E009A					E30	E9a	
Mo137	E029					E29	E29	
Mo138	E031					E28	E31	
Mo138bis			1346B	E043	v3			
Mo139	E008					E8	E8	
Mo140	E010					E10 (E11)	E10	
Mo141	E002					E1 (E166)	E2	
Mo142	E001					E1	E1	
Mo143	E009					E9	E9	
Mo144	E021					E21	E21	
Mo145			134E3	M-145	v2			
Mo146	F004					F4	F4	
Mo147	F009					F9	F9	
Mo148	F012					F12	F12	
Mo149			1346D	F054	v1			
Mo149	F003		1346E	F055	v3	/	F3	
Mo150	F010					F10 (F11)	F10	
Mo151	F005					F5 (F6)	F5	
Mo152	F007					F8 (F7)	F7	
Mo152a	F008						F8 *	* formally listed under Mo152
Mo153	F005					F5 (F6)	F5	
Mo154	F001					F5 (F6)	F1	
Mo155	F013					F13	F13	
Mo155bis	O044					/, O44	O44	

Mo156	F015				F15	F15	
Mo157	F016				F16	F16	
Mo158	F021				F21	F21	
Mo159	F021				F21	F21	
Mo160	F018				F18	F18	
Mo160B	F018				/, F18	F18	
Mo160bis	F019				F19	F19	
Mo161	F020				F20	F20	
Mo162	F025				F25	F25	
Mo163	F022				F22	F22	
Mo164	F023				F24 (F23)	F23	
Mo165	F026				F26	F26	
Mo166	F027				F27	F27	
Mo167	F029				F29	F29	
Mo168	F028				F28	F28	
Mo169	F032				F32	F32	
Mo170	*						* not used? (BR)
Mo171	F033				F33	F33	
Mo172	F039				F39	F39	
Mo172bis	F040				F40	F40	MJN: v3 "173bis" renamed 172bis here
Mo173	F037				F37	F37	
Mo174	F037A				F37B (F37) (F38)	F37a	
Mo174bis	F037	1346F	F056	v3		F37	
Mo175	F042				F42	F42	
Mo176	F044				F44	F44	
Mo177	F051				(F51)	F51c	
Mo178	F051				F51	F51	
Mo179	F034				F34	F34	
Mo180	F035				F35	F35	
Mo180B	F35*F35*F35					F35*F35*F35	
Mo181	F036				F36	F36	
Mo182	F045	13471	F058	v123	/	F45	
Mo183	F046				F47, F46 (F49) (F48)	F46	
Mo183a	F046A					F46a *	* formally listed under Mo183
Mo183b	F048					F48 *	* formally listed under Mo183
Mo184	G005				G5	G5	
Mo185		13472	G055	v23	/		
Mo186	G006				G6	G6	
Mo187	G008				G8	G8	
Mo188	G007				G7	G7	
Mo189	R013				R13	R13	
Mo190	G004				G11	G4	
Mo190a	G011					G11 *	* formally listed under Mo190
Mo191	G004				G4	G4	
Mo192	G001				G1	G1	
Mo193	G014				G14	G14	
Mo194	G014				G14	G14	
Mo195		G16A	13474	G057	v123	G14A (G16)	G14:V30
Mo196	G017				G17	G17	
Mo197	G037				G37	G37	
Mo198	G036				G36	G36	
Mo199	G022				G22	G22	
Mo200	G043				G43	G43	
Mo200B	Z007				Z7	Z7	
Mo201	G023				G24 (G23)	G23	
Mo201a	G024					G24 *	* formally listed under Mo201
Mo202	G033				G33	G33	
Mo203	G032				G32	G32	
Mo204	G025				G25	G25	
Mo205	G028				G28	G28	
Mo206	G026A				G26A	G26a	
Mo207	G026				G26 (G29)	G26	
Mo207a						G26:X1*Z4 *	* formally listed under Mo207
Mo208	G029				G29	G29	
Mo209	R7+G29				(G29)	R7*G29	
Mo209a	R7+G29+Z1					R7*G29*Z1 *	* formally listed under Mo209

Mo210		G29:U7	13476	G059	v1	/	G29:U7	
Mo211		G29:V31A				/	G29:V31a	
Mo212	G030					G30	G30	
Mo213	G027					G27	G27	
Mo214	G052					G52	G52	
Mo214a	G051						G51 *	* formally listed under Mo214
Mo215	G035					G35	G35	
Mo216	G039					G39	G39	
Mo217	G038		13477	G060	v123	G37	G38	
Mo217bis	G038					G38	G38	
Mo218	G038		13478	G061	v123	/	G38	
Mo219	G042		13479	G062	v123	G42	G42	
Mo220	G042					G42	G42	
Mo221	G040					G40	G40	
Mo222	G041					G41	G41	
Mo223		T14*G41				(G41)	T14*G41	
Mo224	G047					G47	G47	
Mo225	G050					(G48)	G50	
Mo225a							G50:X1*Z4 *	* formally listed under Mo225
Mo226	G049					G49 (G48A)	G49	
Mo227	G054					G54	G54	
Mo228			134E4	M-228	v2	?		
Mo229	G021					G21	G21	
Mo230	G053					G53	G53	
Mo230bis			1347A	G063	v3			
Mo231	H001					H1	H1	
Mo232	H002					H2	H2	
Mo233	H003					H3	H3	
Mo234			1347B	H009	v23	/		
Mo234bis		H16	1347C	H010	v3	/		
Mo235	H005					H5	H5	
Mo236	H006					H6	H6	
Mo237	H006A					H6B (H6A)	H6a	
Mo238	H008					H8	H8	
Mo239	I002					I2	I2	
Mo240	I001					I1	I1	
Mo241	I003					I3	I3	
Mo241bis			1347D *	I016	v3			* bis missing from number
Mo241B						/		Same as 241bis? "241B" comes from V (DA)
Mo242	I005A					I5A	I5a	
Mo243	I005					I5	I5	
Mo244	I007					I7	I7	
Mo245	I012					I64 (I12)	I12	
Mo246	I013					I13	I13	
Mo246bis	*	I12*I12	13480	I019	v3	/	I13*I13	*combined to merged distinct char (BR)
Mo247	I015					I14	I15	
Mo248	I015					I15	I15	
Mo249	I015					I15	I15	
Mo250	I010					I10	I10	
Mo251	I010A					(R61)	I10a	
Mo252	V021					V21	V21	
Mo253	K001					K1	K1	
Mo254	K005					K3	K5	
Mo255		K18	13481	K009	v123	/	K5	
Mo255a								
Mo255b								
Mo256	K002					K2	K2	
Mo257	K004		13482	K010	v123	/	K4	
Mo258	L001					L1	L1	
Mo259	L001		13483	L010	v3	/	L1	
Mo260	L002					L2	L2	
Mo261	L005					L5	L5	
Mo262	L007		13484	L011	v3	/ (L7) (L7A)	L7	
Mo263	I009					I9	I9	
Mo263bis	I009A		13485	L012	v3	/	I9a	
Mo264	L006					L6	L6	

Mo265	M001		13486	M045	v12	/	M1	
Mo266	M001					M1 (M1A)	M1	
Mo267	M043		13487	M046	v1	M43 (M43A) (M43B)	M43	
Mo268	M002					M2	M2	
Mo269	M003					M3	M3	
Mo270	M004					M4	M4	
Mo271	M006					M6	M6	
Mo272	M007					M7	M7	
Mo273	M005					M5	M5	
Mo274	M008					M8	M8	
Mo275	M009					M9	M9	
Mo276	M010					M10	M10	
Mo277	M012					M12	M12	
Mo278	M015					M15	M15	
Mo279	M016					M16	M16	
Mo280	M013					M13	M13	
Mo281	M014					M14	M14	
Mo282	M017					M17	M17	
Mo283	M017A					(M17)	M17a	
Mo284	M018					M18	M18	
Mo285	M020					M20	M20	
Mo286	M019					M19	M19	
Mo287	M022					M22	M22	
Mo288	M022A					M22A	M22a	
Mo289	M023					M23	M23	
Mo290	M024					M24	M24	
Mo291	M026					M26	M26	
Mo292	M027					M27	M27	
Mo293	M034					M34	M34	
Mo294	M036					M36	M36	
Mo294a		M36:D21					M36:D21 *	* formally listed under Mo294
Mo295	M033		13489	M048	v13	(M33)	M33 *	* inexact match (MJN)
Mo296	M029					M29	M29	
Mo296a		M29*G17					M29*G17 *	* formally listed under Mo296
Mo297	M030					M30	M30	
Mo298	M032					(M31) (M32)	M32	
Mo299	M044					M44	M44	
Mo300	N001					N1	N1	
Mo301	N003					N46B	N3	
Mo302	N004					N4	N4	
Mo303	N005					N5 (N5A)	N5	
Mo304	N006					N6	N6	
Mo305	N005		1348B	N043	v3	/	N5	
Mo306	N008					N8	N8	
Mo307	N028					N28	N28	
Mo308	N012		1348C	N044	v23	/ (N11) (N12)	N12	
Mo308bis		N12	1348D	N045	v4p13	N12	N12	
Mo309	N011					N11 (N12)	N11	
Mo310		N11:Z15				(N11)	N11:Z15	
Mo310a		N12:Z15					N12:Z15 *	* formally listed under Mo310
Mo311		N11:Z15A				(N11)	N11:Z15a	
Mo311a		N12:Z15A					N12:Z15a *	* formally listed under Mo311
Mo312		N11:Z15B				(N11)	N11:Z15b	
Mo312a		N12:Z15B					N12:Z15b *	* formally listed under Mo312
Mo313		N11:Z15C				(N11)	N11:Z15c	
Mo313a		N12:Z15C					N12:Z15c *	* formally listed under Mo313
Mo314	N014					N14	N14	
Mo315		N11:N14				N64	N11:N14	
Mo315a		N12:N14					N12:N14 *	* formally listed under Mo315
Mo316	N013					N13	N13	
Mo316bis	N015					N15	N15	
Mo317	N017					N17 (N16D)	N17	
Mo317a	N016						N16 *	* formally listed under Mo317
Mo318		N16:N23				(N16)	N16:N23	
Mo318a		N16:N23*Z1					N16:N23*Z1 *	* formally listed under Mo318
Mo318b		N16:Z1*N23				(N16)	N16:Z1*N23 *	* formally listed under Mo318

Mo318c		N16:Z1*N21					N16:Z1*N21 *	* formally listed under Mo318
Mo318d		N16:N16:N23*N23					N16:N16:N23*N23 *	* formally listed under Mo318
Mo318bis		N17:N17:N21*N21				(N16)	N17:N17:N21*N21	
Mo319	N029					N29	N29	
Mo320	N026					N26	N26	
Mo321	N027					N27	N27	
Mo322	N025					N25 (N76)	N25	
Mo322bis		T14:N25	1348F	N047	v3		T14:N25	= v2p29n3 (cited in V) (DA)
Mo323	N021					N21	N21	
Mo324	N023					N23	N23	
Mo325	N024					N24	N24	
Mo326	N031					N31E (N31)	N31	
Mo326bis	N030					N30	N30	
Mo327	AA013					Aa13 (Aa15) (Aa14)	Aa13	
Mo328	AA016					Aa16	Aa16	
Mo329	N033					N33	N33	
Mo330	N018					N18	N18	
Mo330a		N18:N23					N18:N23 *	* formally listed under Mo330
Mo331	N035					N35	N35	
Mo332						(N35)		
Mo333	N035A					N35A	N35a	
Mo334	N036					N36	N36	
Mo334bis		N36:N23					N36:N23	MJN: v2 "334" renamed 334bis so consistent with v3 (see above)
Mo335	N037					N37 (N39) (N38) (N37A)	N37	
Mo336	N040					N40	N40	
Mo337	N018A		13490	N048	v3	/	N18a	
Mo338	N019					N19	N19	
Mo339	O049					O49 (O49A)	O49	
Mo340	O001					O1	O1	
Mo340bis		O70				O2	O1:P8	
Mo340ter	O017		13491	O052	v3	/	O17	
Mo341	O017					O16 (O17)	O17	
Mo341bis			13492	O053	v3			
Mo342	O004					O4	O4	
Mo343	O005					O5	O5	
Mo344	O013					(O15) (O15A)	O13	
Mo344a	O015						O15 *	* formally listed under Mo344
Mo344bis			13493	O054	v3	/		
Mo345	O006					(O7)	O6	
Mo345bis			13494	O055	v4p1			
Mo346	O008					O8	O8	
Mo347	O009					O9	O9	
Mo348	O011					O11 (O104)	O11	
Mo349	O045					O45 (O46)	O45	
Mo350	O025A		13495	O056	v1	(O24) (O25)	O25a	
Mo351	O019					O18	O19	
Mo352	O022					O22	O22	
Mo352bis			13496	O057	v3			
Mo353	O023					W4	O23	
Mo353a	W004						W4 *	* formally listed under Mo353
Mo354	O023					O23	O23	
Mo355			13497	O058	v13	/		
Mo356	O051					O51	O51	
Mo357	O039					O39	O39	
Mo358	O036					O36	O36	
Mo359	O037					O37	O37	
Mo360	O033					O33	O33	
Mo361	O040					O40	O40	
Mo361bis	O041					O41	O41	
Mo362	O028					O28	O28	
Mo362bis	O030					O30 (U109) (U109A)	O30	
Mo363	O029A						O29a	
Mo363B	O029					O29	O29	
Mo364	O031					O31 (O31A)	O31	
Mo365			13498	O059	v3	/		
Mo366	O034					O34	O34	

Mo367	O035				O35	O35	
Mo368	O042				O42	O42	
Mo369	O026				O26	O26	
Mo370	O025				O25	O25	
Mo371	O024				O24	O24	
Mo372	Q006				Q6	Q6	
Mo373	O020				O20	O20	
Mo374	P001				P1 (P26) (P1C)	P1	
Mo375	P001A				P1A	P1a	
Mo376	P004				P4 (P4A)	P4	
Mo377	P003				P3 (P3A) (P34) (P30)	P3	
Mo377a	P003A					P3a *	* formally listed under Mo377
Mo377bis	P003					P3	
Mo378		13499	P012	v123	/		
Mo379	P005				P5 (P5F)	P5	
Mo380	P006				P6	P6	
Mo381	P008				P8	P8	
Mo382	P010				P10	P10	
Mo383	Q001				Q1	Q1	
Mo384	A055	1349B	Q009	v123	/	A55	
Mo384B	A055					A55	
Mo385	*						*not used? (BR)
Mo386	O018	1349C	Q010	v1	/	O18	
Mo387	Q005	1349D	Q011	v13	/	Q5	
Mo388	Q003				Q3	Q3	
Mo388B	Q003					Q3	
Mo389	V017				V17 (V18)	V17	
Mo390	AA005				Aa5A (Aa5)	Aa5	
Mo391	U028				U28 (U29)	U28	
Mo391bis		1349E	Q012	v3	/		
Mo392	I006				I6	I6	
Mo393	U030				U30	U30	
Mo394	Q007				Q7	Q7	
Mo395	W011				W11 (W13)	W11	
Mo396	W012				W12 (W13)	W12	
Mo397	T028				T28	T28	
Mo398	V029				V29	V29	
Mo399	V029				V29	V29	
Mo400	V029				V29	V29	
Mo401	U033				U33	U33	
Mo402	U032				U32 (V96)	U32	
Mo403	O050				O48 (O47)	O50	
Mo403B	O050					O50	
Mo404	U038				U38	U38	
Mo405	U039				U39	U39	
Mo406	S036				S36 (S35)	S36	
Mo406a	S035					S35 *	* formally listed under Mo406
Mo407	S037				S37	S37	
Mo408	F031				F31	F31	
Mo409		134B0	S047	v23	/		
Mo409bis		134B1	S048	v4p9			
Mo410	S046	134B2	S049	v3	/	S46	
Mo411	S001				S1 (S47A)	S1	
Mo411bis		134B3	S050	v4p9			
Mo411ter		134B4	S051	v4p9			
Mo412	S002				S2	S2	
Mo413	S003				S3	S3	
Mo413B					S4		
Mo414	S005				S6	S5	
Mo414a	S006					S6 *	* formally listed under Mo414
Mo414bis		134B5	S052	v3	Z11		
Mo415	S008				S8	S8	
Mo416	S009				S9	S9	
Mo417	S017	1349F	R033	v123	/	S17	
Mo417a	S015					S15 *	* formally listed under Mo417
Mo418	S011	134A0	R034	v2		S11	

Mo418bis		134A1	R035	v3	/		
Mo419	S012				S12 (S12A)	S12	
Mo419bis					S13		
Mo419B	S013					S13	
Mo420	S014				S14	S14	
Mo421	S023				S23	S23	
Mo422	S020				S20	S20	
Mo423	S019				S19	S19	
Mo424	S018	134A3	R037	v1	/	S18	
Mo424bis		134A4	R038	v3			
Mo425	AA020				Aa20	Aa20	
Mo426	S010				S10	S10	
Mo427	S026				S26	S26	
Mo428	S022	134A5	R039	v3	/	S22	
Mo429	S032	134A6	R040	v123	/	S32	
Mo430	S028				S28 (V48)	S28	
Mo431	S027	134A8	R042	v1		S27	
Mo432	S029				S29	S29	
Mo433	S033				S33	S33	
Mo434	T036	134B6	S053	v2	/	T36	
Mo434bis		134B7	S054	v3			
Mo435	T010				S38, T10	T10	
Mo436	T009A				T9 (T9A)	T9a	
Mo436a	T009					T9 *	* formally listed under Mo436
Mo437	AA032				Aa32	Aa32	
Mo438	T012				T12	T12	
Mo439	T011				/, T11	T11	
Mo440	T008				T8 (T8A)	T8	
Mo441	T030				T30	T30	
Mo442	T029				T29	T29	
Mo443	T018				T18	T18	
Mo444	T033				T33	T33	
Mo445	T033A				T32	T33a	
Mo445a	T032A					T32a *	* formally listed under Mo445
Mo446	N042	134B8	S055	v12	(N34)	N42	
Mo447	T003				T3 (T5) (T4)	T3	
Mo447bis	T002				T2	T2	
Mo448	T001				T1	T1	
Mo449	S042				S42	S42	
Mo450	S042	134B9	S056	v123	S42	S42	
Mo451	S042	134BA	S057	v123	S42	S42	
Mo452	S044	134BB	S058	v23	(S42)	S44	
Mo453	S038				S38	S38	
Mo454	S039				S39	S39	
Mo455	S040				S40 (S14A)	S40	
Mo455B	S040				S41	S40	
Mo456	S043				S43	S43	
Mo457	T014				T14 (T15)	T14	
Mo458	S045				S45	S45	
Mo459	V022				V22 (V23)	V22	
Mo460	T020				T19 (T20)	T20	
Mo460a	T019					T19 *	* formally listed under Mo460
Mo461	T021				T21	T21	
Mo462	T025				T25	T25	
Mo462bis		134BC	S059	v4p14			
Mo463	T024				T24	T24	
Mo463bis		134BD	S05A	v4p14			
Mo464	T026				T27 (T26)	T26	
Mo465	U006				U6 (U6A)	U6	
Mo465a	U007					U7 *	* formally listed under Mo465
Mo465B					U7A (U7)		
Mo466	U008				U8	U8	
Mo467	U017				U17	U17	
Mo467a	U018					U18 *	* formally listed under Mo467
Mo468	U013				U13	U13	
Mo469	U001				U1 (U2)	U1	

Mo469B	U004				U4, Aa11 (Aa12) (U5)	U4	
Mo470	U009				U9	U9	
Mo470B		U9:Z2				U9:Z2	
Mo471	V019				V19	V19	
Mo472	P011				D16	P11	
Mo473	U034				U34 (U35)	U34	
Mo473a	U035					U35 *	* formally listed under Mo473
Mo474	V024				V25 (V24)	V24	
Mo474a	V025					V25 *	* formally listed under Mo474
Mo475	V027				V27 (V26)	V27	
Mo475a	V026					V26 *	* formally listed under Mo475
Mo476	AA024				Aa23	Aa24	
Mo476a	AA023					Aa23 *	* formally listed under Mo476
Mo477	AA012				Aa12	Aa12	
Mo478	O038				O38	O38	
Mo479		134BF	T037	v1	/		
Mo480	U020				U19 (U20)	U20	
Mo480a	U019					U19 *	* formally listed under Mo480
Mo481	U021				U21	U21	
Mo482	U022				U22	U22	
Mo483	U036				U36	U36	
Mo484	U023				U23	U23	
Mo485	U023				U23	U23	
Mo486	U025				U24 (U25)	U25	
Mo486a	U024					U24 *	* formally listed under Mo486
Mo487	U026				U26	U26	
Mo488	AA028				Aa28 (Aa29)	Aa28	
Mo488a	AA029					Aa29 *	* formally listed under Mo488
Mo489	U015				U15	U15	
Mo490	U037				U37	U37	
Mo491	U031				U31	U31	
Mo492	W010				W10	W10	
Mo493	W002				W10	W2	
Mo493a	W001					W1 *	* formally listed under Mo493
Mo494	V037				V37	V37	
Mo495	W024				W24 (W24A)	W24	
Mo496	W025				W25	W25	
Mo497	W022				W22	W22	
Mo498	W020	134C0	U043	v123	/	W20	
Mo499	D060	134C1	U044	v23	/, W54	D60	
Mo500	D060				D60 (W54)	D60	
Mo501	F017				F17	F17	
Mo502	W014				W14	W14	
Mo503	W015				W15	W15	
Mo504	W017				W17 (W17A) (W18) (W18A)	W17	
Mo505	W007				W6	W7	
Mo506	W023				W23	W23	
Mo507	W010A	134C2	U045	v3	/	W10a	
Mo508	W009				W9	W9	
Mo509	W019				W19	W19	
Mo510	V030				V30	V30	
Mo510B		V30:X1				V30:Z1 *	* Second component should be X1 in MJN (DA)
Mo511	V031A				V31 (V31A)	V31a	
Mo511B	V031					V31	
Mo512	W003				W3	W3	
Mo513	V032	134C4	U047	v13	/	V32	
Mo514	S025	134C5	U048	v1	/	S25	
Mo514bis		134C6 *	U049	v3			* v3 missing "bis" (E)
Mo515	V033				V33	V33	
Mo515bis		134BE	S05B	v4p14			
Mo516	R005				Aa9, R6 (R5)	R5	
Mo516a	R006					R6 *	* formally listed under Mo516
Mo516bis		134C7	U050	v3	/, V32		
Mo517	F030				F30	F30	
Mo518	V001				V1 (V1A)	V1	
Mo519	V002				U2, V2	V2	

Mo520	V006				V6	V6	
Mo521	V007				/, V7 (V8)	V7	
Mo521a		V7:N35				V7:N35 *	* formally listed under Mo521
Mo522	V012				V12	V12	
Mo523	V005				V5	V5	
Mo524	V004				V4	V4	
Mo525	V028				V28	V28	
Mo526	F048				F46	F48	
Mo526a	F046A					F46a *	* formally listed under Mo526
Mo526B	F046A					F46a	
Mo527	F048				M11	F48	
Mo527a	F046A					F46a *	* formally listed under Mo527
Mo528	V013				V14 (V13)	V13	
Mo528a	V014					V14 *	* formally listed under Mo528
Mo529	V015				V15	V15	
Mo529a		V15:X1				V15:X1 *	* formally listed under Mo529
Mo530	V009				V9	V9	
Mo531	V010		134C8	U051	v13	(V10)	V10
Mo532	V010					(V10)	V10
Mo533	V010					V10	V10
Mo534	S034					S34	S34
Mo535	S024					S24	S24
Mo536	V016		134C9	V041	v1	V16 (V16A)	V16
Mo537	Y003					Y3 (Y4)	Y3
Mo538	Y001					Y1 (Y2)	Y1
Mo539	Y008					Y8	Y8
Mo539bis	Y007					Y7	Y7
Mo540	Y005					Y5	Y5
Mo540B		Y5:N35				Y5:N35	
Mo541	R011					R11	R11
Mo542	R017		134A9	R043	v23	(R17) (R17B) (R18)	R17
Mo542bis	R024					R24 (R24A) (R24B) (R24C) (R25) (R25A) (R25B)	R24
Mo543	*						*not used? (BR)
Mo544			134AD	R047	v1	/	
Mo545		R12:R22				R22A (R22) (R23) (R23A)	R12:R22
Mo545a	R022						R22 *
Mo546	R012					R12	R12
Mo546bis			134AE *	R048	v4p10		* might be decomposable to S38 + x? + R12 (E)
Mo546quator			134AF *	R049	v4p14		* M's exemplar is ligature with X, but this is R13 with I09 superimposed (E)
Mo547	R008					R8	R8
Mo548		R8*R8*R8				(R8)	R8*R8*R8
Mo549	R010					R10 (R50) (R10E)	R10
Mo550	R007					R7	R7
Mo551	R002A					R2 (R1) (R36A)	R2
Mo551bis (V)						R3	
Mo552	R004					R4	R4
Mo553	X003					X3	X3
Mo554	X002					X2 (X3)	X2
Mo555	X004					X4 (X4A)	X4
Mo555a		X4B*X1:Z2*X2					X4b*X1:Z2*X2 *
Mo555B		X4*X1:Z2*X2					X4*X1:Z2*X2
Mo556	X004B					(X4)	X4b
Mo557	X006					N9, X6 (N10)	X6
Mo558	Z001					Z1	Z1
Mo559	Z005A					Z5	Z5a
Mo559a	Z005						Z5 *
Mo560	Z004A					Z4	Z4
Mo560a	Z004						
Mo561	Z002					Z2 (Z2A) (Z2B) (Z2C)	Z2
Mo561a	Z002B						
Mo562	Z003A					Z3A	Z3a
Mo563	Z003B					Z3 (N33) (N33A)	Z3b
Mo564	Z011					Z11	Z11
Mo564B	M042		134CD *	V045	v3	M42	M42
Mo565	Z009					Z9 (Z10)	Z9
Mo566	AA002					Z9, Aa2 (Z10) (Z49)	Aa2

Mo567	M044		134CA		v123	M44	M44	
Mo568	M035		134CB	V043	v12	M35	M35	
Mo569	X008					X8	X8	
Mo570		Z22	134CC	V044	v3	(M44)	M44	
Mo571	X005					X5	X5	
Mo572	Z013					/	Z13	
Mo573	N010					N9	N10	
Mo573a	N009						N9 *	* formally listed under Mo573
Mo574	AA001					Aa1	Aa1	
Mo575	X001					X1	X1	
Mo576	*							*not used? (BR)
Mo577	F040					F40	F40	
Mo578	R015					R15 (R15B)	R15	
Mo579	R014					R14	R14	
Mo580	M040					M40	M40	
Mo581	AA009					Aa9	Aa9	
Mo582	AA002					Aa2	Aa2	
Mo583	AA021					Aa21 (Aa22)	Aa21	
Mo584	V011					V11	V11	
Mo584B	V011						V11	
Mo585	T034					T34 (T35)	T34	
Mo585a		T34*G17					T34*G17 *	* formally listed under Mo585
Mo586	O048					X4	O48	
Mo586a	O047						O47 *	* formally listed under Mo586
Mo587	AA027					Aa27	Aa27	
Mo588	T013					T13	T13	
Mo589	N034					N34 (N34A)	N34	
Mo590	V036					U36	V36	
Mo591	AA019					Aa19	Aa19	
Mo592	AA031					Aa30 (Aa31)	Aa31	
Mo592a	AA030						Aa30 *	* formally listed under Mo592
Mo593	AA030		1342F	AA033	v1; Gardiner 197 p.597	Aa30 (Aa31)	Aa30	
Mo594	AA017					Aa18 (Aa17)	Aa17	
Mo595	D061					D61, D63 (D62)	D61	
Mo595a	D063						D63 *	* formally listed under Mo595
Mo596	T022					T22 (T23)	T22	
Mo597	AA003					Aa3	Aa3	
Mo598	U042					O30	U42	
Mo599	F041		134CE	Z017	v13	/	F41	
Mo600	U014					U14	U14	
Mo601			134CF	AA034	v3	/		
Mo602			134D0	AA035	v23	/		
Mo603	R005					R5 (R6)	R5	
Mo604	AA008					Aa8	Aa8	
Mo605			134E5	M-605	v1	?		
Mo606			134E6	M-606	v1	?		
Mo607			134E7	M-607	v1	?		
Mo608			134E8	M-608	v1	?		
Mo609			134E9	M-609	v1	?		
Mo610			134EA	M-610	v1	?		
Mo611			134EB	M-611	v1	?		
Mo612			134EC	M-612	v1	?		
Mo613			134ED	M-613	v1	?		
Mo613bis		I10+D46	134EE	M-613BIS	v1	/	I10:D46	
Mo614	Z015					Z1	Z15	
Mo615	Z015A					(Z1)	Z15a	
Mo616	Z015B					Z2	Z15b	
Mo617	Z015C					/ (Z2)	Z15c	
Mo618	Z015D					/ (Z2)	Z15d	
Mo618a	Z015I						Z15i *	* formally listed under Mo618
Mo619	Z015E					/ (Z2)	Z15e	
Mo620	Z015F					/ (Z2)	Z15f	
Mo621	Z015G					/ (Z2)	Z15g	
Mo622	Z015H					/ (Z2)	Z15h	
Mo623	V020					V20	V20	
Mo624	V020A					/ (V20)	V20A	

Mo624a	V020I			V20i *	* formally listed under Mo624
Mo625	V020B		/(V20)	V20b	
Mo625a	V020J			V20j *	* formally listed under Mo625
Mo626	V020C		/(V20)	V20c	
Mo626a	V020K			V20k *	* formally listed under Mo626
Mo627	V020D		/(V20)	V20d	
Mo627a	V020L			V20l *	* formally listed under Mo627
Mo628	V020E		/(V20)	V20e	
Mo629	V020F		/(V20)	V20f	
Mo630	V020G		/(V20)	V20g	
Mo631	V020H		/(V20)	V20h	
Mo632	V001		V1	V1	
Mo633	V001A		(V1)	V1a	
Mo634	V001B		(V1)	V1b	
Mo635	V001C		(V1)	V1c	
Mo636	V001D		(V1)	V1d	
Mo636a	V001I			V1i *	* formally listed under Mo636
Mo637	V001E		(V1)	V1e	
Mo638	V001F		(V1)	V1f	
Mo639	V001G		(V1)	V1g	
Mo640	V001H		(V1)	V1h	
Mo641	M012		M12	M12	
Mo642	M012A		(M12)	M12a	
Mo643	M012B		(M12)	M12b	
Mo644	M012C		(M12)	M12c	
Mo645	M012D		(M12)	M12d	
Mo646	M012E		(M12)	M12e	
Mo647	M012F		(M12)	M12f	
Mo648	M012G		(M12)	M12g	
Mo649	M012H		(M12)	M12h	
Mo650	D050		(M12)	D50	
Mo651	D050A		(M12)	D50a	
Mo652	D050B		(M12)	D50b	
Mo653	D050C		(M12)	D50c	
Mo653B (MJN)				D50d	
Mo653C (MJN)				D50e	
Mo653D (MJN)				D50f	
Mo653E (MJN)				D50g	
Mo653F (MJN)				D50h	
Mo654	I008		I8	I8	
Mo655	C011		C11	C11	
Mo656	Z016		/	Z16	
Mo656a	Z015			Z15 *	* formally listed under Mo656
Mo657	Z016A		/	Z16a	
Mo658	Z016B		/	Z16b	
Mo659	Z016C		/	Z16c	
Mo660	Z016D		/	Z16d	
Mo661	Z016E		/	Z16e	
Mo662	Z016F		/	Z16f	
Mo663	Z016G			Z16g	
Mo664	Z016H			Z16h	
Mo665	V040		/	V40	
Mo666	V040A		/	V40a	
Mo667		D151B	D22	D22	
Mo668	AA016		Aa14	Aa16	
Mo669		D21:Z15B	D23	D21:Z15b	
Mo670	Z009		(D21)	Z9	
Mo670a		D21:Z15C			
Mo671		D21:Z15D	(D21)	D21:Z15d	
Mo672		D21:Z16E *	(D21)	D21:Z15e	BR's Z16E looks to be typo for Z15E (DA)
Mo672a		D21:Z15E			
Mo673		D21:Z15F	(D21)	D21:Z15f	
Mo674		D21:Z16G	(D21)	D21:Z15g	
Mo674a		D21:Z15G			
Mo675		D21:Z15B*Z15B:Z15B	(D21)	D21:Z15h	
Mo676		D21:V20	(D21)	D21:V20	

Mo677		D21:V20*Z15						D21:V20*Z15	
Mo678		D21:V20*Z15C				(D21)		D21:V20*Z15c	
Mo678bis		D21:V20:Z15E						D21:V20*Z15e	
Mo678ter		D21:V20i:V20*Z15A						D21:V20b*Z15a	
Mo678quat		D21:V20j:V20j:Z15C						D21:V20e*Z15c	
Mo679	D042					D42		D42	
Mo680		N11:Z15				/ (N11)		N11:Z15	
Mo680a		N11:Z15A						N11:Z15a *	* formally listed under Mo680
Mo680b		N11:Z15B				(N11)		N11:Z15b *	* formally listed under Mo680
Mo680c		N11:Z15C				(N11)		N11:Z15c *	* formally listed under Mo680
Mo680d		N11:Z15D						N11:Z15d *	* formally listed under Mo680
Mo680e		N11:Z15E						N11:Z15e *	* formally listed under Mo680
Mo681	D050					/, D50		D50	
Mo682	M003					M3		M3	
Mo683		O39:Z15				(N37)		O39:Z15	
Mo683a		V2:X1*N23						V2:X1*N23 *	* formally listed under Mo683
Mo684		O39:Z15A				(N37)		O39:Z15a	
Mo685		O39:Z15F				(N37)		O39:Z15f	
Mo686		O39:Z15B*Z15B:Z15B				(N37)		O39:Z15h	
Mo687	D042					/		D41	
Mo688	Z009		134EF	M-688	v12	?		Z9	
Mo689			134F0	M-689	v12	?			
Mo690		D42:Z15A				(D42)		D41:Z15a	
Mo690a		D42:Z15F						D41:Z15f	* formally listed under Mo690
Mo690bis			134F1 *	M-690	v2				*perhaps bis, not same as in v1 (E)
Mo691		D42:V20				(D42)		D41:V20	
Mo692			134F2	M-692	v1	?			
Mo693			134F3	M-693	v1	?			
Mo694			134F4	M-694	v1				
Mo695	D067					U9		D67	
Mo696		D67*D67				(U9)		D67a	
Mo696a	D067A								
Mo697	D067B					(U9)		D67b	
Mo697a		D67*D67*D67							
Mo698	D067C					(U9)		D67c	
Mo698a		D67*D67*D67*D67							
Mo699	D067D					(U9)		D67d	
Mo700	D067E					(U9)		D67e	
Mo701	D067F					(U9)		D67f	
Mo702	D067G					N33 (U9)		D67g	
Mo703	Z015					(U9)			
Mo704	Z015A					(U9)			
Mo705						(U9)			
Mo706						(U9)			
Mo707		D12:D11				(U9)		D12:D11	
Mo708	D011					D11		D11	
Mo709	D012					/, D12		D12	
Mo710	D013					F16		D13	DA: F16 by V seems to be an error
Mo711	D014					D14		D14	
Mo712	D015					D15		D15	
Mo713	D016					D16		D16	
Mo714	D021					(D21)		D21	
Mo715		Z15A:D21				(D21)		Z15a:D21	
Mo716		Z15B:D21				(D21)		Z15b:D21	
Mo717		Z15C:D21				(D21)		Z15c:D21	
Mo718	D021					(D21)		D21	
Mo719	D021					(D21)		D21	
MoV3P9N3			D217	13466	D070	v3p9n3	/		
MoI		D36:D21:D21							
MoII		D36:X1							
MoIII		G43:X1							
MoIV		Z7:X1							
MoV		D58:X1							
MoVI		Q3:N35							
MoVII		Q3:X1							
MoVIII		I9:D21							

MoIX	G17:D36
MoX	G17:D21
MoXI	G17:X1
MoXII	N35:G1
MoXIII	N35:D36
MoXIV	N35:Z4
MoXV	N35:D58
MoXVa	N37A+D58
MoXVI	N35:I9
MoXVII	N35:D21
MoXVIII	N35:AA1
MoXIX	N35:V31A
MoXX	N35:X1
MoXXI	N35:X1:I9
MoXXII	N35:X1:X1
MoXXIII	N35:I10
MoXXIV	Z7-D21
MoXXV	D21:Z4
MoXXVI	D21:N35
MoXXVII	D21:N35:I9
MoXXVIII	D21:AA1
MoXXIX	D21:X1
MoXXX	AA1:X1
MoXXXa	AA1-X1
MoXXXI	O34:N35
MoXXXII	S29:D21
MoXXXIIa	V31A:G1
MoXXXIIb	S34*U28*S29
MoXXXIII	N37:N35
MoXXXIV	N29:D21
MoXXXV	N29:X1
MoXXXVI	V31A:G1
MoXXXVII	X1:D36
MoXXXVIII	G43A
MoXXXIX	X1:Z4
MoXL	X1:Q3
MoXLI	X1:N35
MoXLII	X1:D21
MoXLIII	X1:X1
MoXLIV	V13:X1
MoXLV	D46:O34
MoXLVI	D46:X1
MoXLVII	I10+D46
MoXLVIII	Q3:D40
MoXLIX	D36:D54
MoL	X1:D54
MoLI	X1:O1
MoLII	D21-Z1
MoLIIa	D21:Z1
MoLIII	X1:Z1
MoLIV	N35:Z2
MoLV	X1:Z2
MoLVI	D40:V31A
MoLVII	A1:N35
MoLVIII	A1:Z2
MoLIX	A1*B1:Z2
MoLX	N23:Z2
MoLXI	W22:Z2
MoLXII	D12:Z2
MoLXIIB	D12*Z2
MoLXIII	Y1:Z2
MoLXIV	Z1:Z2
MoLXV	M8:AA1*X1
MoLXVI	M17*G17:AA14:D37
MoLXVIa	O34:O1*O1-A1
MoLXVII	M17-G17-AA14:D38

MoLXVIII	M17-Y5:N35-G7
MoLXIX	W24:V31A
MoLXX	S34*U28*S29
MoLXXI	O1-D21:X1-N5
MoLXXII	
MoLXXIII	D21:V13-A1*B1:Z2
MoLXXIV	M3:AA1*X1
MoLXXV	N37:N35-N35:N35-N5
MoLXXVa	N37:N35A-N5
MoLXXVI	I10+X1+N17

Mo13441	13441	A072	v3p1n1	/
Mo13455	13455	A092	v3p3n4	/
Mo13458	13458	A095	v3p4n1	/
Mo13467	13467	E039	v3p11n4	/
Mo13468	13468	E040	v3p11n6	/
Mo1346C	1346C	E044	v3p12n3	/
Mo13470	13470	F057	v2p15n2	/
Mo13473	13473	G056	v3p17n1	/
Mo13475	13475	G058	v2p18n2	/
Mo1347E	1347E	I017	v3p22n3	I4
Mo1347F	1347F	I018	v3p22n4	/
Mo13488	13488	M047	v3p27n2	/
Mo1348A	1348A	M049	v2p27n1	/
Mo1348E	1348E	N046	v3p28n5	/
Mo1349A	1349A	P013	v3p36n2	/
Mo134A2	134A2	R036	v3p40n2	/
Mo134A7	134A7	R041	v3p41n2	/
Mo134AA	134AA	R044	v2p49n4	/
Mo134AB	134AB	R045	v3p53n3	/
Mo134AC	134AC	R046	v3p53n5	/
Mo134C3	134C3	U046	v2p46n3	/