

AutoSave Off HLA XLS in NMDP Code + Ambiguous Combos + Common Combo

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SampleID	A1	A2	B1	B2	C1	C2	DRB11	DRB12	DRB31	DRB32	DRB41	DRB42	DRB51	DRB52	DQB11	DQB12	DQA11	DQA12	DPB11	DPB12	DPA11	DPA12	HLA-A	HLA-B	HLA-C	HLA-DRB1
Sample ID 1	03:BJFWE	33:BJFWY	14:BJFTW	35:BJFXK	04:BJFJT	08:BCZHV	01:BJHMB	03:BJFVM							02:BJFRX	05:BJFVA			04:BJFYG	04:BJFYG			A*03:01:01G/A*33:01:01G	B*14:02:01G/B*35:01:01G	C*04:01:01G/C*08:02:01G	DRB1*01:01:01G/DRB1*03:01:01G

Report columns will be continued for each sample as shown below:

SampleID	HLA-DRB3	HLA-DRB4	HLA-DRB5	HLA-DQB1	HLA-DQA1	HLA-DPB1	HLA-DPA1	HLA-A	HLA-B	HLA-C	HLA-DRB1	HLA-DRB3	HLA-DRB4	HLA-DRB5	HLA-DQB1	HLA-DQA1	HLA-DPB1	HLA-DPA1	Comments
Sample ID 1				DQB1*02:01:01G/DQB1*05:01:01G		DPB1*04:01:01G/DPB1*04:01:01G													

ARS - Antigen Recognition Site
Reference - Human Immunology 68, 392-417 (2007) @American Society for Histocompatibility and Immunogenetics, 2007

Note:
Alleles bearing suffix 'G' in Class I locus has identical sequences in exon 2 and exon 3 antigen recognition sites.
Alleles bearing suffix 'G' in Class II locus has identical sequences in exon 2 antigen recognition sites.
Please find below the list of alleles included for each allele suffix with 'G'.
Allele Database Version used in the report is 3.34.0(Oct 2018)
Sequencing Technology : Illumina Sequencing
NMDP code is reported if G code is not available after analyzing non-ARS exons

ActualTyping Appendix

AutoSave Off HLA XLS in NMDP Code + Ambiguous Combos + Common Combo

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Sample ID	Locus	NMDP code	G code	Segment Sequenced	Allele Database Version	Included Alleles
Sample ID 1 A	03:BJFWE	03:01:01G	Exon 2,3,	3.34.0(Oct 2018)	03:01:01:01/03:01:01:02N/03:01:01:03/03:01:01:04/03:01:01:05/03:01:01:06/03:01:01:07/03:01:01:08/03:01:01:09/03:01:01:10/03:01:01:11/03:01:01:12/03:01:01:13/03:01:01:14/03:01:01:15/03:01:01:16/03:01:01:17/03:01:01:18/03:01:01:19/03:01:01:20/03:01:07/03:01:27/03:01:56/03:01:57/03:01:58/03:01:63/03:01:70/03:01:71/03:01:72/03:01:73/03:01:74/03:01:75/03:01:77/03:20/03:21N/03:26/03:37/03:45/03:78/03:112/03:118/03:129N/03:132/03:134/03:162N/03:182/03:220/03:279N/03:291/03:292/03:293/03:301/03:302/03:304/03:312/03:313/03:315/03:316	
Sample ID 1 A	33:BJFWY	33:01:01G	Exon 2,3,	3.34.0(Oct 2018)	33:01:01:01/33:01:01:02/33:01:09/33:111/33:129N/33:136/33:157N	
Sample ID 1 B	14:BJFTW	14:02:01G	Exon 2,3,	3.34.0(Oct 2018)	14:02:01:01/14:02:01:02/14:02:01:03/14:02:01:04/14:02:01:05/14:02:01:06/14:61/14:64	
Sample ID 1 B	35:BJFXK	35:01:01G	Exon 2,3,	3.34.0(Oct 2018)	35:01:01:01/35:01:01:02/35:01:01:03/35:01:01:04/35:01:01:05/35:01:01:06/35:01:01:07/35:01:01:08/35:01:01:09/35:01:01:10/35:01:01:11/35:01:01:12/35:01:01:13/35:01:01:14/35:01:01:15/35:01:03/35:01:23/35:01:25/35:01:28/35:01:40/35:01:41/35:01:47/35:40N/35:42:01/35:57/35:94/35:134N/35:161/35:227/35:241/35:245/35:250/35:332/35:336/35:347/35:348/35:359/35:365/35:370/35:376/35:380/35:383	
Sample ID 1 C	04:BJFJT	04:01:01G	Exon 2,3,	3.34.0(Oct 2018)	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24/04:01:01:25/04:01:01:26/04:01:54/04:01:57/04:01:69/04:01:78/04:01:79/04:01:82/04:01:83/04:01:85/04:01:86/04:01:92/04:01:93/04:01:94/04:01:95/04:01:96/04:01:97/04:01:102/04:09N/04:28/04:30/04:41/04:79/04:82/04:84/04:106/04:144/04:146/04:161/04:162/04:165/04:195/04:226/04:267/04:274/04:275/04:277/04:287/04:289/04:295/04:298/04:306/04:308/04:310/04:318/04:320/04:321/04:322/04:327/04:328/04:329/04:330	
Sample ID 1 C	08:BCZHV	08:02:01G	Exon 2,3,	3.34.0(Oct 2018)	08:02:01:01/08:02:01:02/08:02:01:03/08:02:17/08:02:19/08:02:20/08:52N/08:75/08:110/08:159	
Sample ID 1 DPB1	04:BJFYG	04:01:01G	Exon 2	3.34.0(Oct 2018)	04:01:01:01/04:01:01:02/04:01:01:03/04:01:01:04/04:01:01:05/04:01:01:06/04:01:01:07/04:01:01:08/04:01:01:09/04:01:01:10/04:01:01:11/04:01:01:12/04:01:01:13/04:01:01:14/04:01:01:15/04:01:01:16/04:01:01:17/04:01:01:18/04:01:01:19/04:01:01:20/04:01:01:21/04:01:01:22/04:01:01:23/04:01:01:24N/04:01:01:25/04:01:01:26/04:01:01:27/04:01:01:28/04:01:01:29/04:01:01:30/04:01:01:31/04:01:01:32/04:01:01:33/04:01:31/04:01:33/04:01:34/04:01:36/04:01:37/126:01:01:01/126:01:01:02/350:01:415:01/459:01/464:01/534:01/615:01/618:01/670:01/699:01/702:01/754:01N/755:01/756:01N/757:01	
Sample ID 1 DQB1	02:BJFRX	02:01:01G	Exon 2,	3.34.0(Oct 2018)	02:01:01:02/02:01:08/02:01:26/02:01:27/02:02:01:01/02:02:01:02/02:02:01:03/02:02:01:04/02:02:02/02:02:03/02:02:05/02:02:06/02:04/02:06/02:09/02:10/02:48/02:59/02:64/02:79/02:80/02:81/02:82/02:89/02:96N/02:97/02:98/02:99/02:102/02:105/02:106/02:107/02:108/02:109/02:110/02:111/02:112	
Sample ID 1 DQB1	05:BJFVA	05:01:01G	Exon 2,	3.34.0(Oct 2018)	05:01:01:01/05:01:01:02/05:01:01:03/05:01:01:04/05:01:01:05/05:01:21/05:01:22/05:01:23/05:01:24/05:01:24:01/05:01:24:02/05:01:26/05:01:27/05:18/05:27/05:31/05:32/05:45/05:84/05:103/05:104/05:107/05:133/05:137/05:139/05:144/05:148/05:150/05:152/05:155/05:159/05:160/05:163/05:164	
Sample ID 1 DRB1	01:BJHMB	01:01:01G	Exon 2,	3.34.0(Oct 2018)	01:01:01:01/01:01:32/01:01:33/01:50/01:67/01:77/01:82/01:91Q	
Sample ID 1 DRB1	03:BJFVM	03:01:01G	Exon 2,	3.34.0(Oct 2018)	03:01:01:01/03:01:01:02/03:01:01:03/03:01:08/03:01:26/03:01:27/03:01:28/03:124/03:132/03:137/03:144/03:146/03:147	

ActualTyping Appendix