

第28回 HLA-QCワークショップ：DNAタイピングの評価報告

一般社団法人日本組織適合性学会 精度管理委員会

(評価の対象：HLA-A,B,C,DRB1座の結果)

1. 評価結果

① 判定結果の評価 (評価点：60点)

施設番号	Lab.ID	タイピング 種類	評価点 (タイピング法別評価：各60点)							判定結果 評価点 (a)
			LABType	WAKFlow	GenoSearch	SSP	Sanger	NGS	合計	
28012	D28048	2		60.0				60.0	120.0	60.0

○判定結果評価のコメント

LABType	
WAKFlow	
GenoSearch	
SSP	
Sanger	
NGS	

② 結果表記の評価 (評価点：40点)

施設番号	Lab.ID	減点数 (合計)	検査座数	減点数 (平均)	結果表記 評価点 (b)
28012	D28048	0	4	0.0	40.0

コメント	
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HLAタイピング 結果評価点	100.0	評 定	A
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(結果評価点 = 判定結果評価点 (a) + 結果表記評価点 (b))

評価点	評 定	評定内容
100	A	良好
60～<100	B	要確認
0～<60	C	要改善

2. その他：試験・検査状況の評価 (ABC評価、この項目は評定に影響しません)

施設番号	Lab.ID	評価点 (検査法別)								
		SSO						SSP	SBT	
		LABType SSO	LABType HD	LABType CWD	LABType XR	WAK Flow	Geno Search	SSP	Sanger	NGS
28012	D28048	-	-	-	-	A	-	-	-	A

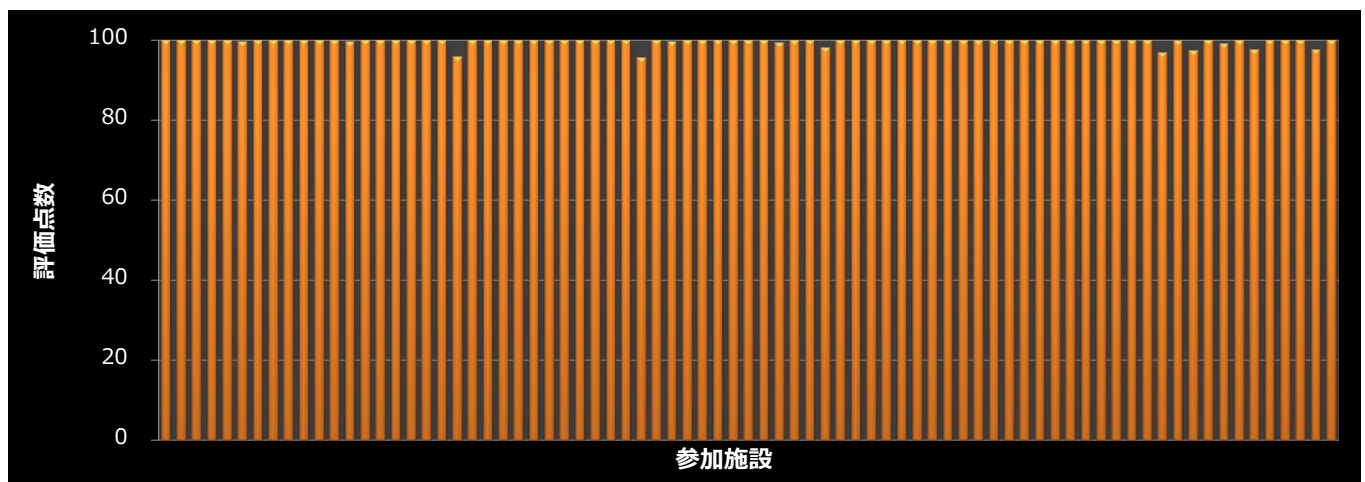
○試験・検査状況のコメント (試験・検査の状況がBまたはCの場合)

LABType	
WAKFlow	
GenoSearch	
SSP	
Sanger	
NGS	

第28回HLA-QCワークショップ：DNAタイピングの評価報告【全体①】

No.	Lab.ID	実施タイピング 種類数	評価点（タイピング法別評価：各60点）							表記法評価点				HLAタイピング 結果評価点 (a)+(b)	評 定	評価点（検査法別）														
			LABType	WAKFlow	GenoSearch	SSP	Sanger	NGS	合計	判定結果 評価点 (a)	減点数 (合計)	検査座数	減点数 (平均)			結果表記 評価点 (b)	SSO						SSP		SBT					
																	LABType	SSO	LABType	HD	LABType	CWD	LABType	XR	WAK	Flow	Geno	Search	SSP	Sanger
1	D28002	1		60.0					60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
2	D28003	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
3	D28005	1	60.0						60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
4	D28006	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
5	D28007	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
6	D28008	1		60.0					60.0	60.0	5	4	0.3	39.7	99.7	B	-	-	-	-	A	-	-	-	-	-	-	-	-	-
7	D28010	1		60.0					60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
8	D28011	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
9	D28013	2		60.0		60.0			120.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	A	-	-	-	-	-	-
10	D28014	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
11	D28017	3			60.0		60.0	60.0	180.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	A	A	-	-	-
12	D28018	2		60.0				60.0	120.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	A
13	D28022	1		60.0					60.0	60.0	6	4	0.4	39.6	99.6	B	-	-	-	-	A	-	-	-	-	-	-	-	-	-
14	D28029	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
15	D28030	1				60.0			60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
16	D28033	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
17	D28034	2		60.0		60.0			120.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
18	D28036	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
19	D28040	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	B	-	-	-	-	-	-	-
20	D28042	1	56.3						56.3	56.3	6	4	0.4	39.6	95.9	B	-	-	-	A	-	-	-	-	-	-	-	-	-	-
21	D28043	1				60.0			60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
22	D28044	1						60.0	60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	-	-	-	評価 不適合	-
23	D28045	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	D28046	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
25	D28048	2		60.0				60.0	120.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	A
26	D28049	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
27	D28050	1	60.0						60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
28	D28055	1			60.0				60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
29	D28056	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
30	D28057	1	60.0						60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	A	-	-	-	-	-	-	-	-	-
31	D28058	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
32	D28059	1	56.3						56.3	56.3	11	4	0.7	39.3	95.6	B	-	-	-	-	B	-	-	-	-	-	-	-	-	-
33	D28060	1		60.0					60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	-	-	B	-	-	-	-	-	-	-
34	D28061	1				60.0			60.0	60.0	8	4	0.5	39.5	99.5	B	-	-	-	-	-	-	-	-	-	A	-	-	-	-
35	D28062	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
36	D28063	2		60.0		60.0			120.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	A	-	-	-
37	D28064	1				60.0			60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	A	-	-	-	-
38	D28066	1				60.0			60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	A	-	-	-	-
39	D28067	1	60.0						60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	D28070	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
41	D28071	1				60.0			60.0	60.0	9	4	0.6	39.4	99.4	B	-	-	-	-	-	-	-	-	-	A	-	-	-	-
42	D28072	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
43	D28077	2			60.0		60.0		120.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	A	-	-	A	-
44	D28078	1				58.1			58.1	58.1	0	4	0.0	40.0	98.1	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	D28080	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
46	D28081	1				60.0			60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	D28085	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
48	D28087	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
49	D28092	1		60.0					60.0	60.0	0	3	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
50	D28093	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-
51	D28097	2		60.0				60.0	120.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	A
52	D28100	1		60.0					60.0	60.0	0	4	0.0	40.0	100.0	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-

第28回HLA-QCワークショップ：DNAタイピングの評価報告【全体②】



評価点	24thQCWS		25thQCWS		26thQCWS		27thQCWS		28thQCWS	
≦30	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
31-35	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
36-40	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
41-45	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
46-50	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
51-55	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
56-59	6	7.8%	3	3.9%	1	1.4%	8	10.7%	8	10.4%
60=	71	92.2%	74	96.1%	73	98.6%	67	89.3%	69	89.6%
Total	77	100.0%	77	100.0%	74	100.0%	75	100.0%	77	100.0%

検査法	24thQCWS	25thQCWS	26thQCWS	27thQCWS	28thQCWS
Luminex(LAB)	60.0	60.0	60.0	59.7	58.9
Luminex(WAK)	60.0	60.0	60.0	59.9	60.0
Luminex(Geno)	60.0	60.0	60.0	60.0	60.0
SSP	59.5	59.8	59.8	59.6	59.6
SBT(Sanger)	60.0	60.0	60.0	60.0	60.0
SBT(NGS)	60.0	60.0	60.0	60.0	59.7

試験・検査状況の 評価 (評定に影響しない)		評価点（検査法別）								
		SSO						SSP	SBT	
		LABType SSO	LABType HD	LABType CWD	LABType XR	WAK Flow	Geno Search	SSP	Sanger	NGS
A	81	1	0	2	6	44	4	17	2	5
B	5	0	0	1	1	2	0	1	0	0
C	0	0	0	0	0	0	0	0	0	0
計	86	1	0	3	7	46	4	18	2	5
A	94%	100%	-	67%	86%	96%	100%	94%	100%	100%
B	6%	0%	-	33%	14%	4%	0%	6%	0%	0%
C	0%	0%	-	0%	0%	0%	0%	0%	0%	0%