

pair_label	pw1	pw2	method	rep
abc_vs_abb	abc	abb	TransformationLayer	0
abc_vs_abb	abc	abb	PlotSHA256	0
abc_vs_abb	abc	abb	Plot+Argon2	0
abc_vs_abb	abc	abb	TransformationLayer	1
abc_vs_abb	abc	abb	PlotSHA256	1
abc_vs_abb	abc	abb	Plot+Argon2	1
abc_vs_abb	abc	abb	TransformationLayer	2
abc_vs_abb	abc	abb	PlotSHA256	2
abc_vs_abb	abc	abb	Plot+Argon2	2
abc_vs_abb	abc	abb	TransformationLayer	3
abc_vs_abb	abc	abb	PlotSHA256	3
abc_vs_abb	abc	abb	Plot+Argon2	3
abc_vs_abb	abc	abb	TransformationLayer	4
abc_vs_abb	abc	abb	PlotSHA256	4
abc_vs_abb	abc	abb	Plot+Argon2	4
abc_vs_abb	abc	abb	TransformationLayer	5
abc_vs_abb	abc	abb	PlotSHA256	5
abc_vs_abb	abc	abb	Plot+Argon2	5
abc_vs_abb	abc	abb	TransformationLayer	6
abc_vs_abb	abc	abb	PlotSHA256	6
abc_vs_abb	abc	abb	Plot+Argon2	6
abc_vs_abb	abc	abb	TransformationLayer	7
abc_vs_abb	abc	abb	PlotSHA256	7
abc_vs_abb	abc	abb	Plot+Argon2	7
abc_vs_abb	abc	abb	TransformationLayer	8
abc_vs_abb	abc	abb	PlotSHA256	8
abc_vs_abb	abc	abb	Plot+Argon2	8
abc_vs_abd	abc	abd	TransformationLayer	9
abc_vs_abd	abc	abd	PlotSHA256	9
abc_vs_abd	abc	abd	Plot+Argon2	9
abc_vs_abd	abc	abd	TransformationLayer	0
abc_vs_abd	abc	abd	PlotSHA256	0
abc_vs_abd	abc	abd	Plot+Argon2	0
abc_vs_abd	abc	abd	TransformationLayer	1
abc_vs_abd	abc	abd	PlotSHA256	1
abc_vs_abd	abc	abd	Plot+Argon2	1
abc_vs_abd	abc	abd	TransformationLayer	2
abc_vs_abd	abc	abd	PlotSHA256	2
abc_vs_abd	abc	abd	Plot+Argon2	2
abc_vs_abd	abc	abd	TransformationLayer	3
abc_vs_abd	abc	abd	PlotSHA256	3
abc_vs_abd	abc	abd	Plot+Argon2	3
abc_vs_abd	abc	abd	TransformationLayer	4
abc_vs_abd	abc	abd	PlotSHA256	4
abc_vs_abd	abc	abd	Plot+Argon2	4
abc_vs_abd	abc	abd	TransformationLayer	5

abc_vs_abd	abc	abd	PlotSHA256	5
abc_vs_abd	abc	abd	Plot+Argon2	5
abc_vs_abd	abc	abd	TransformationLayer	6
abc_vs_abd	abc	abd	PlotSHA256	6
abc_vs_abd	abc	abd	Plot+Argon2	6
abc_vs_abd	abc	abd	TransformationLayer	7
abc_vs_abd	abc	abd	PlotSHA256	7
abc_vs_abd	abc	abd	Plot+Argon2	7
abc_vs_abd	abc	abd	TransformationLayer	8
abc_vs_abd	abc	abd	PlotSHA256	8
abc_vs_abd	abc	abd	Plot+Argon2	8
abc_vs_abd	abc	abd	TransformationLayer	9
abc_vs_abd	abc	abd	PlotSHA256	9
abc_vs_abd	abc	abd	Plot+Argon2	9
abc_vs_aac	abc	aac	TransformationLayer	0
abc_vs_aac	abc	aac	PlotSHA256	0
abc_vs_aac	abc	aac	Plot+Argon2	0
abc_vs_aac	abc	aac	TransformationLayer	1
abc_vs_aac	abc	aac	PlotSHA256	1
abc_vs_aac	abc	aac	Plot+Argon2	1
abc_vs_aac	abc	aac	TransformationLayer	2
abc_vs_aac	abc	aac	PlotSHA256	2
abc_vs_aac	abc	aac	Plot+Argon2	2
abc_vs_aac	abc	aac	TransformationLayer	3
abc_vs_aac	abc	aac	PlotSHA256	3
abc_vs_aac	abc	aac	Plot+Argon2	3
abc_vs_aac	abc	aac	TransformationLayer	4
abc_vs_aac	abc	aac	PlotSHA256	4
abc_vs_aac	abc	aac	Plot+Argon2	4
abc_vs_aac	abc	aac	TransformationLayer	5
abc_vs_aac	abc	aac	PlotSHA256	5
abc_vs_aac	abc	aac	Plot+Argon2	5
abc_vs_aac	abc	aac	TransformationLayer	6
abc_vs_aac	abc	aac	PlotSHA256	6
abc_vs_aac	abc	aac	Plot+Argon2	6
abc_vs_aac	abc	aac	TransformationLayer	7
abc_vs_aac	abc	aac	PlotSHA256	7
abc_vs_aac	abc	aac	Plot+Argon2	7
abc_vs_aac	abc	aac	TransformationLayer	8
abc_vs_aac	abc	aac	PlotSHA256	8
abc_vs_aac	abc	aac	Plot+Argon2	8
abc_vs_aac	abc	aac	TransformationLayer	9
abc_vs_aac	abc	aac	PlotSHA256	9
abc_vs_aak	abc	aak	TransformationLayer	0
abc_vs_aak	abc	aak	PlotSHA256	0
abc_vs_aak	abc	aak	Plot+Argon2	0

abc_vs_aak	abc	aak	TransformationLayer	1
abc_vs_aak	abc	aak	PlotSHA256	1
abc_vs_aak	abc	aak	Plot+Argon2	1
abc_vs_aak	abc	aak	TransformationLayer	2
abc_vs_aak	abc	aak	PlotSHA256	2
abc_vs_aak	abc	aak	Plot+Argon2	2
abc_vs_aak	abc	aak	TransformationLayer	3
abc_vs_aak	abc	aak	PlotSHA256	3
abc_vs_aak	abc	aak	Plot+Argon2	3
abc_vs_aak	abc	aak	TransformationLayer	4
abc_vs_aak	abc	aak	PlotSHA256	4
abc_vs_aak	abc	aak	Plot+Argon2	4
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abc_vs_aak	abc	aak	PlotSHA256	5
abc_vs_aak	abc	aak	Plot+Argon2	5
abc_vs_aak	abc	aak	TransformationLayer	6
abc_vs_aak	abc	aak	PlotSHA256	6
abc_vs_aak	abc	aak	Plot+Argon2	6
abc_vs_aak	abc	aak	TransformationLayer	7
abc_vs_aak	abc	aak	PlotSHA256	7
abc_vs_aak	abc	aak	Plot+Argon2	7
abc_vs_aak	abc	aak	TransformationLayer	8
abc_vs_aak	abc	aak	PlotSHA256	8
abc_vs_aak	abc	aak	Plot+Argon2	8
abc_vs_aak	abc	aak	TransformationLayer	9
abc_vs_aak	abc	aak	PlotSHA256	9
abc_vs_adv	abc	adv	TransformationLayer	0
abc_vs_adv	abc	adv	PlotSHA256	0
abc_vs_adv	abc	adv	Plot+Argon2	0
abc_vs_adv	abc	adv	TransformationLayer	1
abc_vs_adv	abc	adv	PlotSHA256	1
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abc_vs_adv	abc	adv	TransformationLayer	2
abc_vs_adv	abc	adv	PlotSHA256	2
abc_vs_adv	abc	adv	Plot+Argon2	2
abc_vs_adv	abc	adv	TransformationLayer	3
abc_vs_adv	abc	adv	PlotSHA256	3
abc_vs_adv	abc	adv	Plot+Argon2	3
abc_vs_adv	abc	adv	TransformationLayer	4
abc_vs_adv	abc	adv	PlotSHA256	4
abc_vs_adv	abc	adv	Plot+Argon2	4
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abc_vs_adv	abc	adv	PlotSHA256	5
abc_vs_adv	abc	adv	Plot+Argon2	5
abc_vs_adv	abc	adv	TransformationLayer	6
abc_vs_adv	abc	adv	PlotSHA256	6

abc_vs_adv	abc	adv	Plot+Argon2	6
abc_vs_adv	abc	adv	TransformationLayer	7
abc_vs_adv	abc	adv	PlotSHA256	7
abc_vs_adv	abc	adv	Plot+Argon2	7
abc_vs_adv	abc	adv	TransformationLayer	8
abc_vs_adv	abc	adv	PlotSHA256	8
abc_vs_adv	abc	adv	Plot+Argon2	8
abc_vs_adv	abc	adv	TransformationLayer	9
abc_vs_adv	abc	adv	PlotSHA256	9
abc_vs_adv	abc	adv	Plot+Argon2	9
password_vs_passwod	password	passwod	TransformationLayer	0
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password_vs_passwod	password	passwod	TransformationLayer	1
password_vs_passwod	password	passwod	PlotSHA256	1
password_vs_passwod	password	passwod	Plot+Argon2	1
password_vs_passwod	password	passwod	TransformationLayer	2
password_vs_passwod	password	passwod	PlotSHA256	2
password_vs_passwod	password	passwod	Plot+Argon2	2
password_vs_passwod	password	passwod	TransformationLayer	3
password_vs_passwod	password	passwod	PlotSHA256	3
password_vs_passwod	password	passwod	Plot+Argon2	3
password_vs_passwod	password	passwod	TransformationLayer	4
password_vs_passwod	password	passwod	PlotSHA256	4
password_vs_passwod	password	passwod	Plot+Argon2	4
password_vs_passwod	password	passwod	TransformationLayer	5
password_vs_passwod	password	passwod	PlotSHA256	5
password_vs_passwod	password	passwod	Plot+Argon2	5
password_vs_passwod	password	passwod	TransformationLayer	6
password_vs_passwod	password	passwod	PlotSHA256	6
password_vs_passwod	password	passwod	Plot+Argon2	6
password_vs_passwod	password	passwod	TransformationLayer	7
password_vs_passwod	password	passwod	PlotSHA256	7
password_vs_passwod	password	passwod	Plot+Argon2	7
password_vs_passwod	password	passwod	TransformationLayer	8
password_vs_passwod	password	passwod	PlotSHA256	8
password_vs_passwod	password	passwod	Plot+Argon2	8
password_vs_passwod	password	passwod	TransformationLayer	9
password_vs_passwod	password	passwod	PlotSHA256	9
password_vs_passwod	password	passwod	Plot+Argon2	9
password_vs_passWord	password	passWord	TransformationLayer	0
password_vs_passWord	password	passWord	PlotSHA256	0
password_vs_passWord	password	passWord	Plot+Argon2	0
password_vs_passWord	password	passWord	TransformationLayer	1
password_vs_passWord	password	passWord	PlotSHA256	1
password_vs_passWord	password	passWord	Plot+Argon2	1
password_vs_passWord	password	passWord	TransformationLayer	2

password_vs_password1	password	password1 TransformationLayer	8
password_vs_password1	password	password1 PlotSHA256	8
password_vs_password1	password	password1 Plot+Argon2	8
password_vs_password1	password	password1 TransformationLayer	9
password_vs_password1	password	password1 PlotSHA256	9
password_vs_password1	password	password1 Plot+Argon2	9
password_vs_password1	password	passw0rd TransformationLayer	0
password_vs_password1	password	passw0rd PlotSHA256	0
password_vs_password1	password	passw0rd Plot+Argon2	0
password_vs_password1	password	passw0rd TransformationLayer	1
password_vs_password1	password	passw0rd PlotSHA256	1
password_vs_password1	password	passw0rd Plot+Argon2	1
password_vs_password1	password	passw0rd TransformationLayer	2
password_vs_password1	password	passw0rd PlotSHA256	2
password_vs_password1	password	passw0rd Plot+Argon2	2
password_vs_password1	password	passw0rd TransformationLayer	3
password_vs_password1	password	passw0rd PlotSHA256	3
password_vs_password1	password	passw0rd Plot+Argon2	3
password_vs_password1	password	passw0rd TransformationLayer	4
password_vs_password1	password	passw0rd PlotSHA256	4
password_vs_password1	password	passw0rd Plot+Argon2	4
password_vs_password1	password	passw0rd TransformationLayer	5
password_vs_password1	password	passw0rd PlotSHA256	5
password_vs_password1	password	passw0rd Plot+Argon2	5
password_vs_password1	password	passw0rd TransformationLayer	6
password_vs_password1	password	passw0rd PlotSHA256	6
password_vs_password1	password	passw0rd Plot+Argon2	6
password_vs_password1	password	passw0rd TransformationLayer	7
password_vs_password1	password	passw0rd PlotSHA256	7
password_vs_password1	password	passw0rd Plot+Argon2	7
password_vs_password1	password	passw0rd TransformationLayer	8
password_vs_password1	password	passw0rd PlotSHA256	8
password_vs_password1	password	passw0rd Plot+Argon2	8
password_vs_password1	password	passw0rd TransformationLayer	9
password_vs_password1	password	passw0rd PlotSHA256	9
password_vs_password1	password	passw0rd Plot+Argon2	9
aaa_vs_aab	aaa	aab TransformationLayer	0
aaa_vs_aab	aaa	aab PlotSHA256	0
aaa_vs_aab	aaa	aab Plot+Argon2	0
aaa_vs_aab	aaa	aab TransformationLayer	1
aaa_vs_aab	aaa	aab PlotSHA256	1
aaa_vs_aab	aaa	aab Plot+Argon2	1
aaa_vs_aab	aaa	aab TransformationLayer	2
aaa_vs_aab	aaa	aab PlotSHA256	2
aaa_vs_aab	aaa	aab Plot+Argon2	2
aaa_vs_aab	aaa	aab TransformationLayer	3
aaa_vs_aab	aaa	aab PlotSHA256	3

aaa_vs_aab	aaa	aab	Plot+Argon2	3
aaa_vs_aab	aaa	aab	TransformationLayer	4
aaa_vs_aab	aaa	aab	PlotSHA256	4
aaa_vs_aab	aaa	aab	Plot+Argon2	4
aaa_vs_aab	aaa	aab	TransformationLayer	5
aaa_vs_aab	aaa	aab	PlotSHA256	5
aaa_vs_aab	aaa	aab	Plot+Argon2	5
aaa_vs_aab	aaa	aab	TransformationLayer	6
aaa_vs_aab	aaa	aab	PlotSHA256	6
aaa_vs_aab	aaa	aab	Plot+Argon2	6
aaa_vs_aab	aaa	aab	TransformationLayer	7
aaa_vs_aab	aaa	aab	PlotSHA256	7
aaa_vs_aab	aaa	aab	Plot+Argon2	7
aaa_vs_aab	aaa	aab	TransformationLayer	8
aaa_vs_aab	aaa	aab	PlotSHA256	8
aaa_vs_aab	aaa	aab	Plot+Argon2	8
aaa_vs_aab	aaa	aab	TransformationLayer	9
aaa_vs_aab	aaa	aab	PlotSHA256	9
aaa_vs_aab	aaa	aab	Plot+Argon2	9

bits_total	bit_diff	avalanche_percent
256	131	51.1719
256	126	49.2188
256	128	50
256	136	53.125
256	133	51.9531
256	132	51.5625
256	130	50.7812
256	127	49.6094
256	114	44.5312
256	137	53.5156
256	123	48.0469
256	124	48.4375
256	134	52.3438
256	133	51.9531
256	129	50.3906
256	123	48.0469
256	118	46.0938
256	125	48.8281
256	122	47.6562
256	126	49.2188
256	122	47.6562
256	124	48.4375
256	123	48.0469
256	118	46.0938
256	131	51.1719
256	123	48.0469
256	121	47.2656
256	112	43.75
256	118	46.0938
256	118	46.0938
256	134	52.3438
256	127	49.6094
256	124	48.4375
256	121	47.2656
256	135	52.7344
256	141	55.0781
256	110	42.9688
256	129	50.3906
256	133	51.9531
256	122	47.6562
256	129	50.3906
256	130	50.7812
256	113	44.1406
256	133	51.9531
256	120	46.875
256	142	55.4688

256	121	47.2656
256	137	53.5156
256	115	44.9219
256	130	50.7812
256	124	48.4375
256	123	48.0469
256	130	50.7812
256	137	53.5156
256	111	43.3594
256	126	49.2188
256	126	49.2188
256	121	47.2656
256	132	51.5625
256	113	44.1406
256	123	48.0469
256	142	55.4688
256	134	52.3438
256	136	53.125
256	110	42.9688
256	137	53.5156
256	107	41.7969
256	132	51.5625
256	124	48.4375
256	133	51.9531
256	120	46.875
256	130	50.7812
256	133	51.9531
256	135	52.7344
256	123	48.0469
256	128	50
256	122	47.6562
256	122	47.6562
256	133	51.9531
256	121	47.2656
256	122	47.6562
256	144	56.25
256	116	45.3125
256	141	55.0781
256	126	49.2188
256	126	49.2188
256	124	48.4375
256	133	51.9531
256	130	50.7812
256	129	50.3906
256	130	50.7812
256	126	49.2188
256	119	46.4844

256	131	51.1719
256	128	50
256	131	51.1719
256	118	46.0938
256	132	51.5625
256	115	44.9219
256	130	50.7812
256	135	52.7344
256	131	51.1719
256	117	45.7031
256	127	49.6094
256	122	47.6562
256	145	56.6406
256	128	50
256	134	52.3438
256	122	47.6562
256	131	51.1719
256	126	49.2188
256	127	49.6094
256	124	48.4375
256	137	53.5156
256	130	50.7812
256	124	48.4375
256	135	52.7344
256	122	47.6562
256	136	53.125
256	139	54.2969
256	140	54.6875
256	129	50.3906
256	132	51.5625
256	129	50.3906
256	117	45.7031
256	134	52.3438
256	137	53.5156
256	122	47.6562
256	122	47.6562
256	141	55.0781
256	129	50.3906
256	139	54.2969
256	131	51.1719
256	113	44.1406
256	122	47.6562
256	126	49.2188
256	120	46.875
256	130	50.7812
256	125	48.8281
256	126	49.2188

256	120	46.875
256	127	49.6094
256	127	49.6094
256	131	51.1719
256	127	49.6094
256	130	50.7812
256	132	51.5625
256	134	52.3438
256	130	50.7812
256	137	53.5156
256	109	42.5781
256	125	48.8281
256	137	53.5156
256	124	48.4375
256	128	50
256	129	50.3906
256	124	48.4375
256	151	58.9844
256	126	49.2188
256	143	55.8594
256	140	54.6875
256	119	46.4844
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256	131	51.1719
256	132	51.5625
256	132	51.5625
256	135	52.7344
256	129	50.3906
256	128	50
256	122	47.6562
256	130	50.7812
256	132	51.5625
256	138	53.9062
256	127	49.6094
256	128	50
256	141	55.0781
256	123	48.0469
256	126	49.2188
256	115	44.9219
256	137	53.5156
256	125	48.8281
256	128	50
256	118	46.0938
256	119	46.4844
256	119	46.4844
256	137	53.5156
256	128	50

256	134	52.3438
256	137	53.5156
256	119	46.4844
256	134	52.3438
256	134	52.3438
256	128	50
256	123	48.0469
256	130	50.7812
256	122	47.6562
256	118	46.0938
256	143	55.8594
256	139	54.2969
256	129	50.3906
256	121	47.2656
256	136	53.125
256	133	51.9531
256	118	46.0938
256	126	49.2188
256	125	48.8281
256	116	45.3125
256	133	51.9531
256	128	50
256	123	48.0469
256	127	49.6094
256	129	50.3906
256	130	50.7812
256	142	55.4688
256	125	48.8281
256	120	46.875
256	129	50.3906
256	125	48.8281
256	133	51.9531
256	118	46.0938
256	119	46.4844
256	128	50
256	122	47.6562
256	134	52.3438
256	132	51.5625
256	120	46.875
256	136	53.125
256	133	51.9531
256	126	49.2188
256	126	49.2188
256	140	54.6875
256	126	49.2188
256	123	48.0469
256	138	53.9062

256	126	49.2188
256	124	48.4375
256	115	44.9219
256	141	55.0781
256	130	50.7812
256	133	51.9531
256	130	50.7812
256	117	45.7031
256	134	52.3438
256	124	48.4375
256	129	50.3906
256	143	55.8594
256	128	50
256	112	43.75
256	138	53.9062
256	132	51.5625
256	127	49.6094
256	123	48.0469
256	132	51.5625
256	128	50
256	129	50.3906
256	115	44.9219
256	128	50
256	129	50.3906
256	142	55.4688
256	118	46.0938
256	123	48.0469
256	123	48.0469
256	131	51.1719
256	128	50
256	136	53.125
256	118	46.0938
256	134	52.3438
256	119	46.4844
256	133	51.9531
256	135	52.7344
256	131	51.1719
256	131	51.1719
256	132	51.5625
256	130	50.7812
256	114	44.5312
256	127	49.6094
256	131	51.1719
256	125	48.8281
256	124	48.4375
256	128	50
256	131	51.1719

256	138	53.9062
256	133	51.9531
256	132	51.5625
256	125	48.8281
256	143	55.8594
256	136	53.125
256	133	51.9531
256	130	50.7812
256	130	50.7812
256	147	57.4219
256	120	46.875
256	122	47.6562
256	121	47.2656
256	114	44.5312
256	128	50
256	135	52.7344
256	119	46.4844
256	129	50.3906
256	127	49.6094