

**Allele frequencies for 15 STR loci in Ovambo population using  
AmpFISTR®Identifiler Kit**

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Legal Medicine

**D8S1179**

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
11-12	2	1.417	13-14	33	32.927
11-13	3	3.175	13-15	12	11.183
11-14	10	8.557	13-16	1	4.073
11-15	3	2.906	14-14	44	44.368
12-13	6	5.453	14-15	28	30.137
12-14	15	14.696	14-16	12	10.976
12-15	6	4.991	15-15	5	5.118
12-16	2	1.818	15-16	4	3.728
13-13	7	6.109	16-16	2	0.679

## D21S11

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
24.3-29	1	0.857	29-33.1	2	0.330
24.3-30	3	0.973	29-34	1	0.659
24.3-36	1	0.117	29-35	5	3.230
27-27	3	1.409	29-35.1	1	0.198
27-28	7	7.890	29-36	1	1.516
27-29	5	5.602	29-37	1	0.198
27-30	6	6.365	30-30	7	7.188
27-31	3	2.221	30-31	2	5.017
27-32.2	3	2.287	30-31.2	6	2.845
27-35.2	1	0.099	30-32.2	3	5.167
27-36	2	0.762	30-34.2	1	0.225
28-28	12	11.046	30-35	4	3.669
28-29	15	15.687	30-36	2	1.722
28-30	18	17.821	30.2-32.2	1	0.215
28-30.2	1	0.743	30.2-33	1	0.016
28-31	10	6.219	31-31	1	0.875
28-31.2	1	3.527	31-32	1	0.209
28-32	1	0.743	31-32.2	2	1.803
28-32.2	8	6.405	31-33.2	1	0.261
28-33	1	0.464	31-34	1	0.261
28-34	1	0.928	31-35	2	1.280
28-35	5	4.548	31-36	1	0.601
28-36	1	2.135	31.2-32.2	2	1.023
29-29	3	5.569	31.2-33.2	1	0.148
29-30	16	12.655	31.2-35	1	0.726
29-31	1	4.416	32.2-33.2	1	0.269
29-31.2	4	2.505	32.2-35	1	1.319
29-32	1	0.527	33.2-34	1	0.039
29-32.2	6	4.548	35-36	1	0.440

## D7S820

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
7-9	1	0.353	9-12	2	2.820
7-10	1	1.033	9-13	1	0.4407
7-12	1	0.200	9-14	1	0.132
8-8	14	14.427	10-10	23	21.36
8-9	13	11.987	10-11	24	25.818
8-10	32	35.112	10-12	7	8.262
8-11	26	21.216	10-13	2	1.291
8-12	7	6.789	11-11	7	7.800
9-9	1	2.490	11-12	6	4.992
9-10	17	14.587	11-13	1	0.780
9-11	7	8.814	12-12	1	0.799

## CSF1PO

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
6-10	1	0.315	9-10	4	2.937
7-7	1	0.328	9-11	1	2.883
7-8	3	1.439	9-12	4	2.348
7-9	1	0.448	10-10	10	14.110
7-10	3	4.301	10-11	35	27.696
7-11	4	4.221	10-12	25	22.556
7-12	3	3.438	10-13	11	9.442
8-8	3	1.580	11-11	15	13.591
8-9	1	0.983	11-12	18	22.136
8-10	6	9.442	11-13	7	9.266
8-11	8	9.266	12-12	8	9.014
8-12	6	7.547	12-13	12	7.547
8-13	5	3.159			

### D3S1358

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
14-14	2	0.612	16-16	31	26.985
14-15	6	5.984	16-17	36	38.301
14-16	5	8.124	16-18	1	3.772
14-17	7	5.766	16-19	1	1.161
15-15	15	14.640	17-17	14	13.591
15-16	40	39.752	17-18	4	2.677
15-17	26	28.211	17-19	2	0.824
15-18	5	2.778			

## TH01

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
6-6	1	0.569	7-9.3	2	3.588
6-7	10	8.424	7-10	1	0.780
6-8	7	7.666	8-8	27	25.837
6-9	1	3.243	8-9	14	21.862
6-9.3	1	0.484	8-9.3	4	3.265
7-7	28	31.200	8-10	1	0.710
7-8	62	56.784	9-9	9	4.625
7-9	25	24.024	9-9.3	2	1.381

## D13S317

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
8-11	1	0.961	11-13.3	1	0.360
8-12	2	1.569	11-14	4	3.964
9-11	1	0.360	12-12	46	49.337
10-13	3	0.424	12-13	29	26.679
11-11	17	18.498	12-14	8	6.474
11-12	65	60.420	13-13	3	3.607
11-13	14	16.336	13-14	1	1.750

## D16S539

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
8-9	6	3.917	10-11	10	8.534
8-10	1	1.109	10-12	5	4.991
8-11	1	3.889	10-13	8	4.991
8-12	2	2.274	11-11	14	14.962
8-13	4	2.274	11-12	16	17.501
9-9	13	15.179	11-13	17	17.501
9-10	7	8.596	11-14	2	0.540
9-11	34	30.140	12-12	4	5.118
9-12	20	17.627	12-13	12	10.235
9-13	16	17.627	13-13	3	5.118



## D2S1338

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
15-16	1	0.087	19-22	13	11.563
16-16	3	1.068	19-23	2	1.785
16-17	3	3.838	19-24	5	4.166
16-19	6	6.291	19-25	4	4.336
16-20	1	1.991	19-26	1	1.530
16-21	5	5.541	19-27	1	0.425
16-22	2	3.925	20-20	2	0.928
16-24	2	1.414	20-21	3	5.167
16-25	2	1.472	20-22	6	3.660
16-26	1	0.519	20-24	3	1.319
17-17	2	3.449	20-25	1	1.372
17-18	1	1.608	21-21	7	7.188
17-19	20	11.308	21-22	14	10.184
17-20	2	3.579	21-23	2	1.572
17-21	10	9.959	21-24	3	3.669
17-22	5	7.054	21-25	4	3.819
17-24	2	2.542	21-26	3	1.348
17-25	4	2.645	22-22	2	3.607
17-26	1	0.934	22-23	2	1.114
18-18	1	0.187	22-24	3	2.599
18-19	3	2.636	22-25	1	2.705
18-20	1	0.834	22-27	1	0.265
18-21	3	2.321	23-24	1	0.401
18-22	2	1.644	23-25	1	0.418
19-19	5	9.267	25-25	1	0.507
19-20	6	5.866	25-26	1	0.358
19-21	14	16.324			

### D19S433

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
7-14.2	1	0.066	12.2-14	11	6.306
9-13.2	1	0.066	12.2-14.2	2	1.682
10-11	1	0.414	12.2-15.2	1	0.931
10-13	3	2.176	12.2-16	2	0.390
10-14	2	1.474	13-13	18	18.740
10-16	1	0.091	13-13.2	9	6.770
10.2-14	1	0.246	13-14	27	25.389
11-11	1	0.679	13-14.2	9	6.770
11-12	1	1.703	13-15	7	8.342
11-12.2	1	1.772	13-15.2	2	3.748
11-13	7	7.133	13-16.2	2	2.176
11-13.2	1	1.289	13.2-14	4	4.586
11-14	4	4.832	13.2-15	2	1.507
11-14.2	1	1.289	13.2-16	2	0.677
11-15	2	1.588	13.2-17	1	0.393
11-16	1	0.299	14-14	6	8.600
11-16.2	2	0.414	14-14.2	2	4.586
12-12	1	1.068	14-15	9	5.651
12-13	12	8.947	14-15.2	3	2.539
12-14	6	6.061	14-16	1	1.065
12-14.2	3	1.616	14.2-14.2	1	0.612
12-15	3	1.991	14.2-15	1	1.507
12-15.2	2	0.895	14.2-16.2	1	0.393
12.2-12.2	2	1.156	15-15.2	2	0.834
12.2-13	7	9.309	15-16.2	1	0.484
12.2-13.2	2	1.682			

**vWA**

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
11-13	1	0.269	15-15	10	7.800
11-14	4	1.561	15-16	17	17.004
11-15	3	3.588	15-17	15	14.976
11-16	2	3.911	15-18	9	12.012
11-17	5	3.444	15-19	6	4.212
11-18	2	2.763	15-20	2	2.418
11-19	1	0.969	16-16	11	9.267
12-16	1	0.255	16-17	18	16.324
13-15	2	1.170	16-18	12	13.093
13-17	1	1.123	16-19	5	4.591
13-18	1	0.901	16-20	4	2.636
13-19	1	0.316	17-17	4	7.188
14-14	2	1.476	17-18	13	11.532
14-15	4	6.786	17-19	4	4.044
14-16	4	7.397	17-20	5	2.321
14-17	6	6.515	18-18	6	4.625
14-18	9	5.225	18-19	1	3.243
14-19	3	1.832	18-20	1	1.862

## TPO

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
6-7	1	0.585	8-11	38	41.278
6-8	15	13.104	8-12	1	1.966
6-9	7	6.396	9-9	8	5.245
6-10	1	2.106	9-10	2	3.454
6-11	15	12.285	9-11	14	20.147
7-8	2	1.966	9-12	1	0.959
7-9	2	0.959	10-10	1	0.569
7-11	1	1.843	10-11	9	6.634
8-8	23	22.015	11-11	21	19.349
8-9	22	21.491	11-12	4	1.843
8-10	7	7.076			

## D18S51

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>			<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
10.2-17	1	0.464	10.2	17	15-17	17	16.429
10.2-18	1	0.236	10.2	18	15-18	12	8.353
11.2-15	1	0.345	11.2	15	15-19	8	6.213
11.2-17	1	0.464	11.2	17	15-19.2	1	0.207
12-14	1	0.129	12	14	15-20	1	2.830
12-15	1	0.690	12	15	15-21	1	0.207
12-16	1	0.800	12	16	15-22.2	1	0.207
12-19	1	0.351	12	19	16-16	9	8.195
13-13	1	0.799	13	13	16-17	22	19.028
13-14	1	0.824	13	14	16-18	9	9.674
13-15	3	4.418	13	15	16-19	2	7.196
13-16	3	5.117	13	16	16-20	6	3.278
13-17	11	5.940	13	17	16-22	1	0.240
13-18	3	3.020	13	18	17-17	6	11.046
13-19	2	2.246	13	19	17-18	10	11.231
14-15	2	2.278	14	15	17-19	8	8.354
14-16	1	2.638	14	16	17-20	5	3.806
14-17	6	3.063	14	17	18-18	2	2.855
14-20	2	0.528	14	20	18-19	8	4.247
15-15	2	6.109	15	15	19-19	2	1.580
15-16	17	14.151	15	16	19-20	2	1.439

## D5S818

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
8-8	1	0.413	10-14	1	0.298
8-11	3	2.996	11-11	6	5.438
8-12	4	5.615	11-12	18	20.386
8-13	9	6.799	11-13	24	24.684
9-11	3	1.824	12-12	20	19.104
9-13	8	4.139	12-13	48	46.265
10-11	5	3.322	12-14	5	1.831
10-12	7	6.226	13-13	26	28.010
10-13	7	7.538			

## FGA

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<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>	<b>Genot.</b>	<b>Obs.</b>	<b>Expect.</b>
18-22	1	0.361	22-22	5	6.674
18-24	1	0.345	22-22.3	1	0.722
18.2-19	2	0.339	22-23	12	10.750
18.2-24	1	0.690	22-24	13	12.771
18.2-27	1	0.121	22-25	8	8.153
19-19	1	1.476	22-26	1	1.299
19-20	2	1.391	22-27	2	2.237
19-21	5	3.834	22-28	2	0.938
19-22	9	6.277	22-31.2	2	1.299
19-23	6	5.056	22-43.2	1	0.361
19-24	6	6.006	22.3-23	1	0.581
19-25	1	3.834	23-23	5	4.329
19-31.2	1	0.611	23-24	6	10.285
19.2-24	1	0.345	23-25	13	6.566
19.2-25	1	0.220	23-27	4	1.801
20-21	1	1.807	23-31.2	2	1.046
20-22	2	2.958	23-42.2	1	0.174
20-22.3	2	0.160	24-24	7	6.109
20-23	3	2.383	24-25	7	7.800
20-24	2	2.830	24-26	2	1.243
20-25	2	1.807	24-27	3	2.140
20-28	1	0.208	24-29	3	0.690
20-30.2	1	0.128	24-30.2	1	0.552
21-21	7	2.490	24-31.2	1	1.243
21-22	8	8.153	25-25	3	2.490
21-24	8	7.800	25-27	1	1.366
21-25	3	4.980	25-30.2	1	0.353
21-26	3	0.793	25-31.2	1	0.793
21-28	1	0.573	26-27	1	0.218
21-29	1	0.441	28-43.2	1	0.025