

Hurst Exponent for each of human ORs

Name	Rule:A	Rule:T	Rule:C	Rule:G	HurstEx	FractalDim
OR1A1	0	11	1	10	0.637259	1.362741
OR1A2	0	11	1	10	0.632293	1.367707
OR1AA1P	0	11	1	10	0.621215	1.378785
OR1AB1P	0	11	1	10	0.583294	1.416706
OR1B1	0	11	1	10	0.567815	1.432185
OR1C1	0	11	1	10	0.654063	1.345937
OR1D2	0	11	1	10	0.598911	1.401089
OR1D3P	0	11	1	10	0.610597	1.389403
OR1D4	0	11	1	10	0.626152	1.373848
OR1D5	0	11	1	10	0.61791	1.38209
OR1E1	0	11	1	10	0.64439	1.35561
OR1E2	0	11	1	10	0.649641	1.350359
OR1E3P	0	11	1	10	0.648098	1.351902
OR1E6	0	11	1	10	0.64439	1.35561
OR1F1	0	11	1	10	0.551048	1.448952
OR1F12	0	11	1	10	0.656115	1.343885
OR1F2	0	11	1	10	0.513235	1.486765
OR1H1P	0	11	1	10	0.643044	1.356956
OR1I1	0	11	1	10	0.649009	1.350991
OR1J2	0	11	1	10	0.585321	1.414679
OR1J4	0	11	1	10	0.603104	1.396896
OR1K1	0	11	1	10	0.595263	1.404737
OR1L1	0	11	1	10	0.624011	1.375989
OR1L3	0	11	1	10	0.662682	1.337317
OR1L4	0	11	1	10	0.645012	1.354988
OR1L6	0	11	1	10	0.639645	1.360355
OR1L8	0	11	1	10	0.643024	1.356976
OR1M1	0	11	1	10	0.653975	1.346025
OR1N1	0	11	1	10	0.632224	1.367776
OR1N2	0	11	1	10	0.615815	1.384185
OR1N3	0	11	1	10	0.632224	1.367776
OR1Q1	0	11	1	10	0.546474	1.453526
OR1R1P	0	11	1	10	0.608827	1.391173
OR1S1	0	11	1	10	0.634369	1.365631
OR1S2	0	11	1	10	0.651375	1.348625
OR1X1P	0	11	1	10	0.603145	1.396855
OR2A1	0	11	1	10	0.604396	1.395604
OR2A3P	0	11	1	10	0.655445	1.344555
OR2A4	0	11	1	10	0.62037	1.37963
OR2A5	0	11	1	10	0.641346	1.358654
OR2A7	0	11	1	10	0.611362	1.388638
OR2A9P	0	11	1	10	0.596675	1.403325
OR2A13P	0	11	1	10	0.656505	1.343495

OR2A14	0	11	1	10	0.646387	1.353613
OR2A15P	0	11	1	10	0.637779	1.362221
OR2AD1P	0	11	1	10	0.702368	1.297632
OR2AE1	0	11	1	10	0.585888	1.414112
OR2AG1	0	11	1	10	0.566068	1.433932
OR2AG2	0	11	1	10	0.569989	1.430011
OR2G3	0	11	1	10	0.637985	1.362015
OR2AH1P	0	11	1	10	0.649088	1.350912
OR2H2	0	11	1	10	0.604836	1.395164
OR2AI1P	0	11	1	10	0.622265	1.377735
OR2AJ1	0	11	1	10	0.656626	1.343374
OR2AK2	0	11	1	10	0.637832	1.362168
OR2AL1P	0	11	1	10	0.709187	1.290813
OR2AM1P	0	11	1	10	0.60935	1.39065
OR2AP1	0	11	1	10	0.60656	1.39344
OR2AQ1P	0	11	1	10	0.624393	1.375607
OR2AS1P	0	11	1	10	0.673879	1.326121
OR2AT1P	0	11	1	10	0.572099	1.427901
OR2B2	0	11	1	10	0.622588	1.377412
OR2B3	0	11	1	10	0.641129	1.358871
OR2B4P	0	11	1	10	0.637	1.363
OR2B6	0	11	1	10	0.635744	1.364256
OR2B7P	0	11	1	10	0.598289	1.401711
OR2B8P	0	11	1	10	0.672664	1.327336
OR2C1	0	11	1	10	0.634448	1.365552
OR2C3	0	11	1	10	0.588659	1.411341
OR2D2	0	11	1	10	0.657415	1.342585
OR2D3	0	11	1	10	0.659362	1.340638
OR2E1P	0	11	1	10	0.632116	1.367884
OR2F1	0	11	1	10	0.653175	1.346825
OR2F2	0	11	1	10	0.643624	1.356376
OR2G1P	0	11	1	10	0.597392	1.402608
OR2G2	0	11	1	10	0.651244	1.348756
OR2G3	0	11	1	10	0.637985	1.362015
OR2H1	0	11	1	10	0.63014	1.36986
OR2H2	0	11	1	10	0.604836	1.395164
OR2H4P	0	11	1	10	0.647722	1.352278
OR2H5P	0	11	1	10	0.647602	1.352398
OR2I1P	0	11	1	10	0.664879	1.335121
OR2J1P	0	11	1	10	0.643753	1.356247
OR2J2	0	11	1	10	0.650486	1.349514
OR2J3	0	11	1	10	0.621486	1.378514
OR2J4P	0	11	1	10	0.627957	1.372043
OR2K2	0	11	1	10	0.653128	1.346872
OR2L1P	0	11	1	10	0.64963	1.35037
OR2L2	0	11	1	10	0.644129	1.355871
OR2L3	0	11	1	10	0.666524	1.333476
OR2L5	0	11	1	10	0.644065	1.355935
OR2L6P	0	11	1	10	0.663166	1.336834
OR2L8	0	11	1	10	0.669665	1.330335
OR2L9P	0	11	1	10	0.669017	1.330983
OR2M2	0	11	1	10	0.604691	1.395309

OR2M3	0	11	1	10	0.63785	1.36215
OR2M4	0	11	1	10	0.668272	1.331728
OR2N1P	0	11	1	10	0.599451	1.400549
OR2P1P	0	11	1	10	0.565992	1.434008
OR2Q1P	0	11	1	10	0.657126	1.342874
OR2R1P	0	11	1	10	0.622109	1.377891
OR2S1P	0	11	1	10	0.668749	1.331251
OR2S2	0	11	1	10	0.643481	1.356519
OR2T1	0	11	1	10	0.624822	1.375178
OR2T3	0	11	1	10	0.632006	1.367994
OR2T4	0	11	1	10	0.658462	1.341537
OR2T5	0	11	1	10	0.604655	1.395345
OR2T6	0	11	1	10	0.616811	1.383189
OR2T7	0	11	1	10	0.59428	1.40572
OR2T8	0	11	1	10	0.637099	1.362901
OR2U1P	0	11	1	10	0.626723	1.373277
OR2U2P	0	11	1	10	0.648984	1.351016
OR2V1	0	11	1	10	0.671459	1.328541
OR2V2	0	11	1	10	0.655853	1.344147
OR2W1	0	11	1	10	0.666807	1.333194
OR2W2P	0	11	1	10	0.637276	1.362724
OR2W3	0	11	1	10	0.631629	1.368371
OR2W4P	0	11	1	10	0.656481	1.343519
OR2W5	0	11	1	10	0.658219	1.341781
OR2W6P	0	11	1	10	0.655888	1.344112
OR2Y1	0	11	1	10	0.621325	1.378675
OR2Z1	0	11	1	10	0.611393	1.388607
OR2AF1P	0	11	1	10	0.665898	1.334102
OR3A1	0	11	1	10	0.596934	1.403066
OR3A2	0	11	1	10	0.591456	1.408544
OR3A3	0	11	1	10	0.57832	1.42168
OR3B1P	0	11	1	10	0.60785	1.39215
OR4A1P	0	11	1	10	0.625833	1.374167
OR4A2P	0	11	1	10	0.653728	1.346272
OR4A3P	0	11	1	10	0.625148	1.374852
OR4A4P	0	11	1	10	0.678311	1.321689
OR4A5	0	11	1	10	0.636981	1.363019
OR4A6P	0	11	1	10	0.639074	1.360926
OR4A7P	0	11	1	10	0.608309	1.391691
OR4A8P	0	11	1	10	0.6471	1.3529
OR4A9P	0	11	1	10	0.639127	1.360873
OR4A10P	0	11	1	10	0.633796	1.366205
OR4A11P	0	11	1	10	0.615518	1.384482
OR4A12P	0	11	1	10	0.639777	1.360223
OR4A13P	0	11	1	10	0.601879	1.398121
OR4A14P	0	11	1	10	0.71292	1.287081
OR4A15	0	11	1	10	0.679202	1.320798
OR4A16	0	11	1	10	0.661079	1.338921
OR4A17P	0	11	1	10	0.634427	1.365572
OR4A18P	0	11	1	10	0.663037	1.336963
OR4A19P	0	11	1	10	0.670219	1.329781
OR4A21P	0	11	1	10	0.680822	1.319178

OR4B1	0	11	1	10	0.654138	1.345862
OR4B2P	0	11	1	10	0.628543	1.371457
OR4C1P	0	11	1	10	0.616257	1.383743
OR4C2P	0	11	1	10	0.646899	1.353101
OR4C3	0	11	1	10	0.655141	1.344859
OR4C4P	0	11	1	10	0.68162	1.31838
OR4C5	0	11	1	10	0.681613	1.318387
OR4C6	0	11	1	10	0.648505	1.351495
OR4C7P	0	11	1	10	0.629261	1.370739
OR4C9P	0	11	1	10	0.591844	1.408156
OR4C10P	0	11	1	10	0.654113	1.345887
OR4C11	0	11	1	10	0.669449	1.330551
OR4C12	0	11	1	10	0.656529	1.343471
OR4C13	0	11	1	10	0.620977	1.379023
OR4C14P	0	11	1	10	0.637412	1.362588
OR4C15	0	11	1	10	0.64931	1.35069
OR4C16	0	11	1	10	0.648154	1.351846
OR4D1	0	11	1	10	0.654505	1.345495
OR4D2	0	11	1	10	0.642594	1.357406
OR4D5	0	11	1	10	0.64487	1.35513
OR4D6	0	11	1	10	0.650079	1.349921
OR4D7P	0	11	1	10	0.683894	1.316106
OR4D8P	0	11	1	10	0.625585	1.374414
OR4D9	0	11	1	10	0.645046	1.354954
OR4D10	0	11	1	10	0.642933	1.357067
OR4D11	0	11	1	10	0.646775	1.353225
OR4D12P	0	11	1	10	0.593373	1.406627
OR4E1P	0	11	1	10	0.652733	1.347267
OR4E2	0	11	1	10	0.612612	1.387388
OR4F1P	0	11	1	10	0.622032	1.377968
OR4F2P	0	11	1	10	0.62255	1.37745
OR4F3	0	11	1	10	0.611433	1.388567
OR4F6	0	11	1	10	0.621275	1.378725
OR4F7P	0	11	1	10	0.601475	1.398525
OR4F8P	0	11	1	10	0.62359	1.37641
OR4F13P	0	11	1	10	0.607482	1.392518
OR4F14P	0	11	1	10	0.612735	1.387265
OR4F15	0	11	1	10	0.629476	1.370524
OR4F16	0	11	1	10	0.620617	1.379383
OR4F17	0	11	1	10	0.616018	1.383982
OR4G1P	0	11	1	10	0.579779	1.420221
OR4G2P	0	11	1	10	0.582996	1.417004
OR4G3P	0	11	1	10	0.631701	1.368299
OR4G4P	0	11	1	10	0.631134	1.368866
OR4G6P	0	11	1	10	0.630004	1.369996
OR4H6P	0	11	1	10	0.657186	1.342814
OR4Q3	0	11	1	10	0.636087	1.363913
OR4W1P	0	11	1	10	0.691676	1.308324
OR4K1	0	11	1	10	0.615727	1.384273
OR4K2	0	11	1	10	0.644301	1.355699
OR4K3P	0	11	1	10	0.644301	1.355699
OR4K4P	0	11	1	10	0.6242	1.3758

OR4K5	0	11	1	10	0.602308	1.397691
OR4K6P	0	11	1	10	0.625588	1.374412
OR4K7P	0	11	1	10	0.626354	1.373646
OR4K8P	0	11	1	10	0.627972	1.372028
OR4K11P	0	11	1	10	0.630809	1.369191
OR4K12P	0	11	1	10	0.61362	1.38638
OR4K13	0	11	1	10	0.623806	1.376194
OR4K14	0	11	1	10	0.620961	1.379039
OR4K15	0	11	1	10	0.644647	1.355353
OR4K16P	0	11	1	10	0.629968	1.370032
OR4K17	0	11	1	10	0.628287	1.371713
OR4L1	0	11	1	10	0.594887	1.405113
OR4M1	0	11	1	10	0.645245	1.354755
OR4M2	0	11	1	10	0.647809	1.352191
OR4N1P	0	11	1	10	0.634715	1.365285
OR4N2	0	11	1	10	0.622816	1.377184
OR4N3P	0	11	1	10	0.635297	1.364703
OR4N4	0	11	1	10	0.620668	1.379332
OR4N5	0	11	1	10	0.564434	1.435566
OR4P1P	0	11	1	10	0.668811	1.331189
OR4P4	0	11	1	10	0.649082	1.350918
OR4Q1P	0	11	1	10	0.599501	1.400499
OR4Q2P	0	11	1	10	0.650232	1.349768
OR4R1P	0	11	1	10	0.629802	1.370198
OR4R2P	0	11	1	10	0.660454	1.339546
OR4R3P	0	11	1	10	0.633562	1.366438
OR4S1	0	11	1	10	0.601444	1.398556
OR4T1P	0	11	1	10	0.642149	1.357851
OR4U1P	0	11	1	10	0.661602	1.338398
OR4V1P	0	11	1	10	0.653053	1.346947
OR4X1	0	11	1	10	0.559806	1.440194
OR4X2	0	11	1	10	0.610514	1.389487
OR5AK2	0	11	1	10	0.631424	1.368576
OR5AK3P	0	11	1	10	0.60365	1.39635
OR5AK4P	0	11	1	10	0.613937	1.386063
OR5AL1P	0	11	1	10	0.667067	1.332933
OR5AL2P	0	11	1	10	0.680892	1.319108
OR5AM1P	0	11	1	10	0.637305	1.362695
OR5AN1	0	11	1	10	0.635186	1.364814
OR5AN2P	0	11	1	10	0.665688	1.334312
OR5AP1P	0	11	1	10	0.646238	1.353762
OR5AP2	0	11	1	10	0.668375	1.331625
OR5AQ1P	0	11	1	10	0.651492	1.348508
OR5AR1	0	11	1	10	0.638962	1.361038
OR5AS1	0	11	1	10	0.615577	1.384423
OR5AT1	0	11	1	10	0.619975	1.380025
OR5AU1	0	11	1	10	0.652762	1.347238
OR5AV1P	0	11	1	10	0.582619	1.417381
OR5AW1P	0	11	1	10	0.579469	1.420531
OR5AX1	0	11	1	10	0.604651	1.395349
OR5AY1	0	11	1	10	0.671961	1.328039
OR5AZ1P	0	11	1	10	0.623423	1.376577

OR5B1P	0	11	1	10	0.647497	1.352503
OR5B2	0	11	1	10	0.662161	1.337839
OR5B3	0	11	1	10	0.636981	1.363019
OR5B10P	0	11	1	10	0.616689	1.383311
OR5B12	0	11	1	10	0.631274	1.368726
OR5B15P	0	11	1	10	0.657577	1.342423
OR5B17	0	11	1	10	0.630716	1.369284
OR5B19P	0	11	1	10	0.591433	1.408567
OR5BA1P	0	11	1	10	0.642913	1.357087
OR5BB1P	0	11	1	10	0.6493	1.3507
OR5BC1P	0	11	1	10	0.68526	1.31474
OR5BD1P	0	11	1	10	0.638345	1.361655
OR5BE1P	0	11	1	10	0.697887	1.302113
OR5BF1	0	11	1	10	0.605477	1.394523
OR5BH1P	0	11	1	10	0.634976	1.365024
OR5BJ1P	0	11	1	10	0.629661	1.370339
OR5BK1P	0	11	1	10	0.570029	1.429971
OR5BL1P	0	11	1	10	0.645347	1.354653
OR5BM1P	0	11	1	10	0.606615	1.393385
OR5BN1P	0	11	1	10	0.59814	1.40186
OR5BP1P	0	11	1	10	0.561465	1.438535
OR5BR1P	0	11	1	10	0.616208	1.383792
OR5C1	0	11	1	10	0.572904	1.427096
OR5D2P	0	11	1	10	0.578892	1.421108
OR5D3P	0	11	1	10	0.614242	1.385758
OR5D13	0	11	1	10	0.640273	1.359727
OR5D14	0	11	1	10	0.645238	1.354762
OR5D15P	0	11	1	10	0.618853	1.381147
OR5D16	0	11	1	10	0.661172	1.338828
OR5D17P	0	11	1	10	0.629035	1.370965
OR5D18	0	11	1	10	0.645766	1.354234
OR5E1P	0	11	1	10	0.626714	1.373286
OR5F1	0	11	1	10	0.593965	1.406035
OR5F2P	0	11	1	10	0.620689	1.379311
OR5G1P	0	11	1	10	0.637381	1.362619
OR5G4P	0	11	1	10	0.655398	1.344602
OR5G5P	0	11	1	10	0.638297	1.361703
OR5H1	0	11	1	10	0.623533	1.376467
OR5H2	0	11	1	10	0.661888	1.338112
OR5H3P	0	11	1	10	0.646552	1.353448
OR5H4P	0	11	1	10	0.65066	1.34934
OR5H5P	0	11	1	10	0.651769	1.348231
OR5H6	0	11	1	10	0.632544	1.367456
OR5H7P	0	11	1	10	0.623846	1.376154
OR5H8P	0	11	1	10	0.623846	1.376154
OR5I1	0	11	1	10	0.616055	1.383945
OR5J1P	0	11	1	10	0.648267	1.351733
OR5K1	0	11	1	10	0.645662	1.354338
OR5K2	0	11	1	10	0.658116	1.341884
OR5L1	0	11	1	10	0.663923	1.336077
OR5L2	0	11	1	10	0.669509	1.330491
OR5M1	0	11	1	10	0.656287	1.343713

OR5M2P	0	11	1	10	0.666465	1.333535
OR5M3	0	11	1	10	0.627028	1.372972
OR5M4P	0	11	1	10	0.629996	1.370004
OR5M5P	0	11	1	10	0.592602	1.407398
OR5M6P	0	11	1	10	0.633055	1.366945
OR5M7P	0	11	1	10	0.614168	1.385832
OR5M8	0	11	1	10	0.629088	1.370912
OR5M9	0	11	1	10	0.644609	1.355391
OR5M10	0	11	1	10	0.653854	1.346146
OR5M11	0	11	1	10	0.622506	1.377494
OR5M12P	0	11	1	10	0.633104	1.366896
OR5M13P	0	11	1	10	0.616518	1.383482
OR5M14P	0	11	1	10	0.69549	1.30451
OR5P1P	0	11	1	10	0.641075	1.358925
OR5P2	0	11	1	10	0.639164	1.360836
OR5P3	0	11	1	10	0.649295	1.350705
OR5P4P	0	11	1	10	0.630506	1.369494
OR5R1	0	11	1	10	0.663974	1.336026
OR5S1P	0	11	1	10	0.624971	1.375029
OR5T1	0	11	1	10	0.662659	1.337342
OR5T2	0	11	1	10	0.658504	1.341496
OR5T3	0	11	1	10	0.700361	1.299639
OR5U1	0	11	1	10	0.597965	1.402035
OR5V1	0	11	1	10	0.651433	1.348567
OR5W1P	0	11	1	10	0.651477	1.348523
OR5W2	0	11	1	10	0.617317	1.382683
OR6A2	0	11	1	10	0.624648	1.375352
OR6B1	0	11	1	10	0.611433	1.388567
OR6B2	0	11	1	10	0.600872	1.399128
OR6D1P	0	11	1	10	0.695058	1.304942
OR6E1P	0	11	1	10	0.63419	1.36581
OR6F1	0	11	1	10	0.628067	1.371933
OR6J1	0	11	1	10	0.634532	1.365468
OR6K1P	0	11	1	10	0.673405	1.326595
OR6K2	0	11	1	10	0.656094	1.343906
OR6K3	0	11	1	10	0.60723	1.39277
OR6K4P	0	11	1	10	0.594798	1.405202
OR6K5P	0	11	1	10	0.581643	1.418357
OR6K6	0	11	1	10	0.614925	1.385075
OR6L1P	0	11	1	10	0.606713	1.393287
OR6L2P	0	11	1	10	0.606713	1.393287
OR6M1	0	11	1	10	0.63431	1.36569
OR6M2P	0	11	1	10	0.650155	1.349845
OR6M3P	0	11	1	10	0.590874	1.409126
OR6N1	0	11	1	10	0.62832	1.37168
OR6N2	0	11	1	10	0.644626	1.355374
OR6P1	0	11	1	10	0.657607	1.342393
OR6Q1	0	11	1	10	0.611557	1.388443
OR6R1P	0	11	1	10	0.617341	1.382659
OR6S1	0	11	1	10	0.660063	1.339936
OR6T1	0	11	1	10	0.66489	1.33511
OR6U2P	0	11	1	10	0.609453	1.390547

OR6V1	0	11	1	10	0.591835	1.408165
OR6W1P	0	11	1	10	0.611136	1.388864
OR6X1	0	11	1	10	0.609149	1.390851
OR6Y1	0	11	1	10	0.626043	1.373957
OR7A1P	0	11	1	10	0.650648	1.349352
OR7A2P	0	11	1	10	0.579411	1.420589
OR7A3P	0	11	1	10	0.64258	1.35742
OR7A5	0	11	1	10	0.639872	1.360128
OR7A8P	0	11	1	10	0.629981	1.370019
OR7A10	0	11	1	10	0.647603	1.352397
OR7A11P	0	11	1	10	0.611189	1.388811
OR7A15P	0	11	1	10	0.680346	1.319654
OR7A17	0	11	1	10	0.665702	1.334298
OR7A18P	0	11	1	10	0.62342	1.37658
OR7A19P	0	11	1	10	0.669693	1.330307
OR7C1	0	11	1	10	0.636144	1.363857
OR7C2	0	11	1	10	0.669668	1.330332
OR7D1P	0	11	1	10	0.621726	1.378274
OR7D2	0	11	1	10	0.615633	1.384367
OR7D4	0	11	1	10	0.620372	1.379628
OR7E1P	0	11	1	10	0.599313	1.400687
OR7E2P	0	11	1	10	0.606011	1.393989
OR7E4P	0	11	1	10	0.587563	1.412437
OR7E5P	0	11	1	10	0.598326	1.401674
OR7E7P	0	11	1	10	0.599786	1.400214
OR7E8P	0	11	1	10	0.599523	1.400477
OR7E10P	0	11	1	10	0.605543	1.394457
OR7E11P	0	11	1	10	0.656827	1.343173
OR7E12P	0	11	1	10	0.657433	1.342567
OR7E13P	0	11	1	10	0.647768	1.352232
OR7E14P	0	11	1	10	0.631696	1.368304
OR7E15P	0	11	1	10	0.619715	1.380285
OR7E16P	0	11	1	10	0.666817	1.333183
OR7E18P	0	11	1	10	0.681881	1.318119
OR7E19P	0	11	1	10	0.588166	1.411834
OR7E21P	0	11	1	10	0.629621	1.370379
OR7E22P	0	11	1	10	0.596047	1.403953
OR7E23P	0	11	1	10	0.63893	1.36107
OR7E24	0	11	1	10	0.608823	1.391177
OR7E25P	0	11	1	10	0.614654	1.385346
OR7E26P	0	11	1	10	0.62895	1.37105
OR7E28P	0	11	1	10	0.631452	1.368548
OR7E29P	0	11	1	10	0.633643	1.366357
OR7E31P	0	11	1	10	0.628669	1.371331
OR7E33P	0	11	1	10	0.65929	1.34071
OR7E35P	0	11	1	10	0.639089	1.360911
OR7E36P	0	11	1	10	0.62898	1.37102
OR7E37P	0	11	1	10	0.628182	1.371818
OR7E38P	0	11	1	10	0.648402	1.351598
OR7E39P	0	11	1	10	0.636546	1.363454
OR7E43P	0	11	1	10	0.648683	1.351317
OR7E46P	0	11	1	10	0.656513	1.343487

OR7E47P	0	11	1	10	0.642789	1.357211
OR7E53P	0	11	1	10	0.628831	1.371169
OR7E55P	0	11	1	10	0.659937	1.340063
OR7E59P	0	11	1	10	0.651883	1.348117
OR7E62P	0	11	1	10	0.585187	1.414813
OR7E66P	0	11	1	10	0.643722	1.356278
OR7E83P	0	11	1	10	0.594206	1.405794
OR7E84P	0	11	1	10	0.66361	1.33639
OR7E85P	0	11	1	10	0.601078	1.398922
OR7E86P	0	11	1	10	0.589378	1.410622
OR7E87P	0	11	1	10	0.602271	1.397729
OR7E89P	0	11	1	10	0.610291	1.389709
OR7E90P	0	11	1	10	0.602871	1.397129
OR7E91P	0	11	1	10	0.615221	1.384779
OR7E93P	0	11	1	10	0.611424	1.388576
OR7E94P	0	11	1	10	0.635099	1.364901
OR7E96P	0	11	1	10	0.5835	1.4165
OR7E97P	0	11	1	10	0.58909	1.41091
OR7E99P	0	11	1	10	0.613519	1.386481
OR7E100F	0	11	1	10	0.628831	1.371169
OR7E101F	0	11	1	10	0.672749	1.327251
OR7E102	0	11	1	10	0.608569	1.391431
OR7E104F	0	11	1	10	0.632548	1.367452
OR7E105F	0	11	1	10	0.621245	1.378755
OR7E106F	0	11	1	10	0.646964	1.353036
OR7E108F	0	11	1	10	0.597158	1.402842
OR7E109F	0	11	1	10	0.636731	1.363269
OR7E110F	0	11	1	10	0.609175	1.390825
OR7E111F	0	11	1	10	0.612352	1.387648
OR7E115F	0	11	1	10	0.606713	1.393287
OR7E116F	0	11	1	10	0.605372	1.394628
OR7E117F	0	11	1	10	0.598997	1.401003
OR7E121F	0	11	1	10	0.578946	1.421054
OR7E122F	0	11	1	10	0.611742	1.388258
OR7E125F	0	11	1	10	0.5863	1.4137
OR7E126F	0	11	1	10	0.660465	1.339535
OR7E128F	0	11	1	10	0.584415	1.415585
OR7E129F	0	11	1	10	0.592902	1.407098
OR7E130F	0	11	1	10	0.62276	1.37724
OR7G1	0	11	1	10	0.639372	1.360628
OR7G2	0	11	1	10	0.594476	1.405524
OR7H1P	0	11	1	10	0.631022	1.368978
OR7K1P	0	11	1	10	0.647271	1.352729
OR7M1P	0	11	1	10	0.647098	1.352902
OR8A1	0	11	1	10	0.642459	1.357541
OR8A2P	0	11	1	10	0.6697	1.3303
OR8B1P	0	11	1	10	0.612733	1.387267
OR8B2	0	11	1	10	0.600896	1.399104
OR8B3	0	11	1	10	0.608459	1.391541
OR8B4	0	11	1	10	0.622567	1.377434
OR8B5P	0	11	1	10	0.65542	1.34458
OR8B6P	0	11	1	10	0.616886	1.383114

OR8B7P	0	11	1	10	0.664759	1.335241
OR8B8	0	11	1	10	0.619296	1.380704
OR8B9P	0	11	1	10	0.615332	1.384668
OR8B10P	0	11	1	10	0.621488	1.378512
OR8C1P	0	11	1	10	0.618843	1.381157
OR8D1	0	11	1	10	0.636708	1.363292
OR8D4	0	11	1	10	0.662537	1.337463
OR8F1P	0	11	1	10	0.642442	1.357558
OR8G1	0	11	1	10	0.578885	1.421115
OR8G2P	0	11	1	10	0.626102	1.373898
OR8G3P	0	11	1	10	0.61585	1.38415
OR8H1	0	11	1	10	0.626124	1.373876
OR8H2	0	11	1	10	0.625483	1.374517
OR8H3	0	11	1	10	0.624093	1.375907
OR8I1P	0	11	1	10	0.631244	1.368757
OR8I2	0	11	1	10	0.610635	1.389365
OR8J1	0	11	1	10	0.659953	1.340047
OR8J2P	0	11	1	10	0.660659	1.339341
OR8J3	0	11	1	10	0.650133	1.349867
OR8K1	0	11	1	10	0.633229	1.366771
OR8K2P	0	11	1	10	0.62831	1.37169
OR8K3	0	11	1	10	0.62252	1.37748
OR8K4P	0	11	1	10	0.596872	1.403128
OR8K5	0	11	1	10	0.636022	1.363978
OR8L1P	0	11	1	10	0.618268	1.381732
OR8Q1P	0	11	1	10	0.553472	1.446528
OR8R1P	0	11	1	10	0.608133	1.391867
OR9A1P	0	11	1	10	0.609001	1.390999
OR9A2	0	11	1	10	0.616416	1.383584
OR9A4	0	11	1	10	0.587789	1.412211
OR9G1	0	11	1	10	0.605645	1.394355
OR9G2P	0	11	1	10	0.652547	1.347453
OR9H1P	0	11	1	10	0.636749	1.363251
OR9I1	0	11	1	10	0.615356	1.384644
OR9I2P	0	11	1	10	0.65592	1.34408
OR9I3P	0	11	1	10	0.613787	1.386213
OR9K1P	0	11	1	10	0.654569	1.345431
OR9K2	0	11	1	10	0.65137	1.34863
OR9G3P	0	11	1	10	0.652547	1.347453
OR9G4	0	11	1	10	0.647098	1.352902
OR9L1P	0	11	1	10	0.560577	1.439423
OR9M1P	0	11	1	10	0.589725	1.410275
OR9N1P	0	11	1	10	0.646402	1.353598
OR9P1P	0	11	1	10	0.617451	1.382549
OR9Q1	0	11	1	10	0.640652	1.359348
OR9Q2	0	11	1	10	0.662022	1.337978
OR9R1P	0	11	1	10	0.656353	1.343647
OR10P1P	0	11	1	10	0.603624	1.396376
OR10Q1	0	11	1	10	0.566055	1.433945
OR10Q2P	0	11	1	10	0.586841	1.413159
OR10R1P	0	11	1	10	0.643549	1.356451
OR10R2	0	11	1	10	0.643929	1.356071

OR10R3P	0	11	1	10	0.644017	1.355983
OR10S1	0	11	1	10	0.595154	1.404846
OR10T1P	0	11	1	10	0.642651	1.357349
OR10T2	0	11	1	10	0.619546	1.380454
OR10U1P	0	11	1	10	0.664687	1.335313
OR10V1	0	11	1	10	0.624643	1.375357
OR10V2P	0	11	1	10	0.593879	1.406121
OR10V3P	0	11	1	10	0.62025	1.37975
OR10W1P	0	11	1	10	0.626246	1.373754
OR10X1P	0	11	1	10	0.652173	1.347827
OR10Y1P	0	11	1	10	0.601898	1.398102
OR10Z1	0	11	1	10	0.616288	1.383713
OR10D4P	0	11	1	10	0.675404	1.324596
OR10D5P	0	11	1	10	0.644311	1.355689
OR10G1P	0	11	1	10	0.630326	1.369674
OR10G2	0	11	1	10	0.618654	1.381346
OR10G3	0	11	1	10	0.634529	1.365471
OR10G5P	0	11	1	10	0.647924	1.352076
OR10G8	0	11	1	10	0.611708	1.388292
OR10G9	0	11	1	10	0.609897	1.390103
OR10H1	0	11	1	10	0.660565	1.339435
OR10H3	0	11	1	10	0.634403	1.365597
OR10H4	0	11	1	10	0.628101	1.371899
OR10H5	0	11	1	10	0.634372	1.365628
OR10J4P	0	11	1	10	0.596238	1.403762
OR10N1P	0	11	1	10	0.672538	1.327462
OR10P1	0	11	1	10	0.603624	1.396376
OR10AA1F	0	11	1	10	0.54042	1.45958
OR10AC1F	0	11	1	10	0.605653	1.394347
OR10AE1F	0	11	1	10	0.610168	1.389832
OR10C1	0	11	1	10	0.618634	1.381366
OR10C2	0	11	1	10	0.618634	1.381366
OR10J1	0	11	1	10	0.60188	1.39812
OR10J2P	0	11	1	10	0.631767	1.368233
OR10J3P	0	11	1	10	0.62697	1.373029
OR10J5	0	11	1	10	0.629915	1.370085
OR10J6P	0	11	1	10	0.636495	1.363505
OR10K1	0	11	1	10	0.645478	1.354522
OR10K2	0	11	1	10	0.619478	1.380522
OR10G4	0	11	1	10	0.616727	1.383273
OR10G6	0	11	1	10	0.641708	1.358292
OR10G7	0	11	1	10	0.595027	1.404973
OR10J4P	0	11	1	10	0.596238	1.403762
OR10V1	0	11	1	10	0.624643	1.375357
OR10A5	0	11	1	10	0.604679	1.395321
OR10A4	0	11	1	10	0.644064	1.355936
OR10A3	0	11	1	10	0.675821	1.324179
OR10D3P	0	11	1	10	0.678521	1.321479
OR10D1P	0	11	1	10	0.609158	1.390842
OR10AB1F	0	11	1	10	0.654601	1.345399
OR10A2P	0	11	1	10	0.58612	1.41388
OR10A7	0	11	1	10	0.673533	1.326467

OR10H2	0	11	1	10	0.61982	1.38018
OR10B1P	0	11	1	10	0.590883	1.409117
OR11A1	0	11	1	10	0.59942	1.40058
OR11G1P	0	11	1	10	0.61971	1.380291
OR11G2	0	11	1	10	0.641969	1.358031
OR11H1	0	11	1	10	0.646942	1.353058
OR11H2P	0	11	1	10	0.643399	1.356601
OR11H2P	0	11	1	10	0.643399	1.356601
OR11H3P	0	11	1	10	0.660472	1.339528
OR11H4	0	11	1	10	0.613196	1.386804
OR11H5P	0	11	1	10	0.607753	1.392247
OR11H6	0	11	1	10	0.66646	1.33354
OR11H7P	0	11	1	10	0.643526	1.356474
OR11I1P	0	11	1	10	0.632798	1.367202
OR11J1P	0	11	1	10	0.65371	1.34629
OR11J2P	0	11	1	10	0.654479	1.345521
OR11K1P	0	11	1	10	0.650732	1.349268
OR11L1	0	11	1	10	0.637675	1.362325
OR11M1P	0	11	1	10	0.633867	1.366133
OR12D1P	0	11	1	10	0.632013	1.367987
OR12D2	0	11	1	10	0.600968	1.399032
OR12D3	0	11	1	10	0.64468	1.355319
OR13A1	0	11	1	10	0.577289	1.422711
OR13C1P	0	11	1	10	0.664175	1.335825
OR13C2	0	11	1	10	0.631186	1.368814
OR13C3	0	11	1	10	0.641705	1.358295
OR13C4	0	11	1	10	0.651384	1.348616
OR13C5	0	11	1	10	0.647875	1.352125
OR13C6P	0	11	1	10	0.606334	1.393666
OR13C8	0	11	1	10	0.635088	1.364912
OR13C9	0	11	1	10	0.640653	1.359347
OR13D1	0	11	1	10	0.653848	1.346152
OR13D2P	0	11	1	10	0.650391	1.349609
OR13D3P	0	11	1	10	0.684777	1.315223
OR13E1P	0	11	1	10	0.586193	1.413807
OR13F1	0	11	1	10	0.607705	1.392295
OR13G1	0	11	1	10	0.616829	1.383171
OR13H1	0	11	1	10	0.653788	1.346212
OR13I1P	0	11	1	10	0.587905	1.412095
OR13J1	0	11	1	10	0.619453	1.380547
OR51A1P	0	11	1	10	0.579754	1.420246
OR51A2	0	11	1	10	0.586068	1.413932
OR51A3P	0	11	1	10	0.597428	1.402572
OR51A4	0	11	1	10	0.578103	1.421897
OR51A5P	0	11	1	10	0.648157	1.351843
OR51A6P	0	11	1	10	0.577665	1.422335
OR51A7	0	11	1	10	0.557666	1.442334
OR51A8P	0	11	1	10	0.597766	1.402234
OR51A9P	0	11	1	10	0.590684	1.409316
OR51A10F	0	11	1	10	0.571541	1.428459
OR51B2	0	11	1	10	0.581452	1.418548
OR51B3P	0	11	1	10	0.61787	1.38213

OR51B4	0	11	1	10	0.552258	1.447742
OR51C1P	0	11	1	10	0.622187	1.377813
OR51D1	0	11	1	10	0.577056	1.422944
OR51E1	0	11	1	10	0.572959	1.427041
OR51E2	0	11	1	10	0.58377	1.41623
OR51F1	0	11	1	10	0.623446	1.376554
OR51F2	0	11	1	10	0.593105	1.406895
OR51G1	0	11	1	10	0.5845	1.4155
OR51G2	0	11	1	10	0.605153	1.394847
OR51H1P	0	11	1	10	0.640985	1.359015
OR51H2P	0	11	1	10	0.591882	1.408118
OR51I2	0	11	1	10	0.623521	1.376479
OR51J1	0	11	1	10	0.579909	1.420091
OR51K1P	0	11	1	10	0.567881	1.432119
OR51I1	0	11	1	10	0.641548	1.358452
OR51L1	0	11	1	10	0.579174	1.420826
OR51M1	0	11	1	10	0.594852	1.405148
OR51N1P	0	11	1	10	0.612787	1.387213
OR51P1P	0	11	1	10	0.581261	1.418739
OR51Q1	0	11	1	10	0.654138	1.345862
OR51R1P	0	11	1	10	0.575333	1.424667
OR51S1	0	11	1	10	0.559806	1.440194
OR51T1	0	11	1	10	0.591327	1.408673
OR52A1	0	11	1	10	0.606204	1.393796
OR52B1P	0	11	1	10	0.576269	1.423731
OR52B4	0	11	1	10	0.586036	1.413964
OR52B5P	0	11	1	10	0.622217	1.377783
OR52B6	0	11	1	10	0.605446	1.394554
OR52D1	0	11	1	10	0.581172	1.418828
OR52E1P	0	11	1	10	0.563192	1.436808
OR52E2	0	11	1	10	0.669081	1.330919
OR52E3P	0	11	1	10	0.635175	1.364825
OR52E4	0	11	1	10	0.596339	1.403661
OR52E5	0	11	1	10	0.642348	1.357652
OR52E6	0	11	1	10	0.596762	1.403238
OR52E7P	0	11	1	10	0.569217	1.430783
OR52E8	0	11	1	10	0.593053	1.406947
OR52H1	0	11	1	10	0.573611	1.426389
OR52H2P	0	11	1	10	0.592393	1.407608
OR52I1	0	11	1	10	0.557991	1.442008
OR52I2	0	11	1	10	0.559216	1.440784
OR52J1P	0	11	1	10	0.555952	1.444048
OR52J2P	0	11	1	10	0.598874	1.401126
OR52J3	0	11	1	10	0.599383	1.400617
OR52K1	0	11	1	10	0.557137	1.442863
OR52K2	0	11	1	10	0.574981	1.425019
OR52B2	0	11	1	10	0.548167	1.451833
OR52B3P	0	11	1	10	0.579664	1.420336
OR52K3P	0	11	1	10	0.571878	1.428122
OR52L1	0	11	1	10	0.649295	1.350705
OR52L2P	0	11	1	10	0.649295	1.350705
OR52M2P	0	11	1	10	0.604597	1.395403

OR52N1	0	11	1	10	0.58169	1.41831
OR52N2	0	11	1	10	0.559806	1.440194
OR52N3P	0	11	1	10	0.600261	1.399739
OR52N4	0	11	1	10	0.636224	1.363776
OR52N5	0	11	1	10	0.563244	1.436756
OR52P1P	0	11	1	10	0.56888	1.43112
OR52P2P	0	11	1	10	0.590671	1.409329
OR52Q1P	0	11	1	10	0.609306	1.390694
OR52R1	0	11	1	10	0.563203	1.436797
OR52S1P	0	11	1	10	0.564778	1.435222
OR52T1P	0	11	1	10	0.60598	1.39402
OR52U1P	0	11	1	10	0.603397	1.396603
OR52V1P	0	11	1	10	0.55431	1.44569
OR52W1	0	11	1	10	0.580297	1.419703
OR52X1P	0	11	1	10	0.605808	1.394192
OR52Y1P	0	11	1	10	0.622273	1.377727
OR55B1P	0	11	1	10	0.638662	1.361338
OR56A1	0	11	1	10	0.602336	1.397664
OR56A3	0	11	1	10	0.601754	1.398246
OR56A4	0	11	1	10	0.606061	1.393939
OR56A5	0	11	1	10	0.606189	1.393811
OR56A7P	0	11	1	10	0.573339	1.426661
OR56B1	0	11	1	10	0.59163	1.40837
OR56B2P	0	11	1	10	0.54811	1.45189
OR56B3P	0	11	1	10	0.544291	1.455709
OR56B4	0	11	1	10	0.52712	1.47288

Indeterminant Chromosomal Locations

OR2AF1P	0	11	1	10	0.665898	1.334102
OR5AC2	0	11	1	10	0.636749	1.363251
OR5AW1P	0	11	1	10	0.579469	1.420531
OR5BH1P	0	11	1	10	0.634976	1.365024
OR7E39P	0	11	1	10	0.636546	1.363454
OR7E47P	0	11	1	10	0.642789	1.357211
OR7E59P	0	11	1	10	0.651883	1.348117