

Supplementary Table 9. 958 scaffolds (derived from unmapped reads) were matched to the EST database

rank	scaffold_id	pscore	query_length	target_length	target_accession
1	C72252 7.0	3.84195E-11	1127	559	5394589
1	C60550 3.0	2.22E-16	401	471	90842973
1	C54260 8.0	1.50427E-07	309	568	83264405
1	C64934 6.0	1.09E-49	508	325	24808385
1	C68292 6.0	7.23E-107	644	383	37795726
1	C60584 6.0	1.43E-17	401	541	182571748
1	C66840 5.0	2.23E-23	574	549	83103410
1	C65484 8.0	2.72726E-10	525	740	60433614
1	C56280 9.0	1.17E-17	334	677	8164824
1	C67874 9.0	5.07184E-09	621	736	288247254
1	C59162 7.0	5.49E-20	378	549	288309227
1	C62614 6.0	1.54E-51	443	834	112226981
1	C56470 10.0	1.22E-165	336	564	50443307
1	C68888 9.0	8.76524E-08	685	727	60441042
1	scaffold68 6.5	1.73228E-09	830	668	45768051
1	C60580 8.0	9.48E-22	401	245	282740563
1	C72546 9.0	1.01776E-08	1223	428	282760759
1	C73252 10.0	1.67E-23	1650	480	282742657
1	C72160 9.0	1.30E-72	1104	503	199587855
1	C55992 8.0	1.03072E-08	329	769	30757753
1	scaffold234 7.0	6.22549E-07	1213	556	60561116
1	C72198 6.0	2.25306E-06	1113	671	60436615
1	C67648 9.0	0	611	653	119262662
1	C59020 6.0	1.37E-165	375	422	104298275
1	C53924 3.0	9.14937E-06	305	670	112775079
1	C71462 5.0	4.93E-44	958	751	84588257
1	C65166 61.0	5.31E-101	515	900	84586140
1	C69170 8.0	7.22E-27	702	710	148274761
1	C67882 6.0	2.02E-45	621	697	302100617
1	C71848 5.0	2.63E-61	1028	722	82959722
1	C60000 4.0	0	391	842	84584040
1	C56096 5.0	5.34E-29	331	523	47438508
1	C61238 4.0	6.76E-29	413	738	60993011
1	C61556 5.0	1.82E-69	420	564	83224081
1	C61738 4.0	0	424	681	62136384
1	C62732 4.0	3.88544E-15	446	471	80893274
1	C67412 5.0	3.92E-28	599	798	190270082
1	C65902 6.0	1.72581E-08	538	767	67564902
1	C61378 5.0	1.19E-36	416	493	183087483
1	C66028 8.0	5.33E-24	543	460	154813123
1	C63756 10.0	6.55E-88	473	567	18820869
1	C69212 11.0	9.45E-48	705	696	60614609
1	C69294 9.0	9.89E-51	710	692	56276599
1	C56190 4.0	1.06E-82	333	759	60613503
1	C57208 5.0	4.31127E-08	347	368	183979923
1	C70990 9.0	0	892	806	56392024

1	C54000	8.0	3.17E-67	306	861	302095434
1	C67318	5.0	1.64E-141	596	784	60626460
1	C56578	8.0	5.46E-29	338	640	62137366
1	C57650	8.0	1.34E-23	353	640	62137366
1	C59442	9.0	3.29896E-15	382	629	156184186
1	C65082	6.0	1.04967E-09	512	629	156184186
1	C67250	7.0	4.82588E-09	592	561	104302307
1	C73208	7.0	2.07612E-07	1591	330	157989902
1	C73284	7.0	2.38318E-13	1692	188	104301096
1	C73768	7.0	6.16E-16	4188	640	62137366
1	C54384	17.0	4.61E-23	310	806	23703746
1	C54630	6.0	7.01E-19	313	606	18824030
1	C56940	6.0	4.25821E-08	343	693	60435609
1	C57488	6.0	5.68E-29	351	664	45765337
1	C70040	8.0	7.39E-21	772	613	60561268
1	C64476	7.0	3.33E-31	494	403	60640686
1	C71576	8.0	2.12885E-12	978	743	62848333
1	C58340	8.0	1.44E-26	364	660	60638418
1	scaffold26	4.0	4.80E-30	456	513	18820068
1	C53708	4.0	1.52949E-10	303	894	34413961
1	C53936	5.0	1.29E-32	305	433	60559745
1	C60614	7.0	1.60E-26	402	636	302107841
1	C63592	10.0	2.72E-19	468	536	20071541
1	C66800	5.0	1.22604E-12	573	674	259802214
1	C71466	9.0	5.07966E-10	958	358	50710163
1	C61314	49.0	1.75E-103	415	538	20429839
1	C61790	7.0	8.10E-41	425	538	20429839
1	scaffold136	9.0	1.32E-21	551	638	62142732
1	scaffold219	6.0	1.32E-22	847	573	182585177
1	C70704	4.0	4.66016E-13	849	904	45760654
1	scaffold263	6.6	3.70E-116	1144	811	23694334
1	C59840	6.0	8.51E-16	389	715	62851158
1	C61100	8.0	8.36585E-10	411	773	34409249
1	C53586	9.0	1.42E-41	302	799	67564050
1	C58710	3.0	9.39E-28	370	724	62839303
1	C60320	5.0	6.71E-32	396	528	56274902
1	C60500	7.0	1.72E-32	400	683	60572996
1	C61436	4.0	1.54E-20	417	799	34410677
1	C64632	3.0	2.67987E-13	498	580	60541709
1	C64786	6.0	7.12E-17	503	416	60636041
1	C65330	7.0	8.25E-26	520	552	60564783
1	scaffold167	7.1	8.96E-94	596	678	60436393
1	C70098	8.0	4.25394E-13	777	363	104301931
1	scaffold233	6.5	1.97E-18	844	714	62841705
1	C71110	10.0	9.79E-30	909	511	60523677
1	C72682	44.0	1.84E-16	1261	416	60636041
1	C72712	6.0	6.81273E-10	1277	363	104301931
1	C72898	7.0	2.01E-16	1381	416	60636041

1	C61680	4.0	1.01E-58	423	647	302109432
1	C66066	6.0	8.40E-60	544	692	302079446
1	C53450	7.0	6.82E-93	301	600	302069047
1	C55326	7.0	4.00E-45	321	484	288263857
1	C58960	8.0	4.60E-116	374	708	60632109
1	C59306	7.0	3.87E-101	380	653	60634308
1	C61334	6.0	7.72E-112	415	674	56397609
1	C64712	8.0	4.12E-83	501	708	60632109
1	C70004	5.0	1.13E-127	768	613	56275444
1	C54848	6.0	8.36E-105	316	683	86248488
1	C56272	9.0	3.38E-101	334	674	56397609
1	C60992	7.0	2.09E-155	409	722	67567098
1	C55626	3.0	8.62E-105	325	810	60615696
1	C57928	7.0	7.95E-127	357	722	67567098
1	C61518	6.0	7.02E-140	419	582	60635076
1	C62432	4.0	9.31308E-13	439	748	29512960
1	C64170	7.0	1.69E-88	484	752	67565034
1	C66916	9.0	1.20E-46	578	379	302093005
1	C66988	7.0	2.17E-20	581	502	28575075
1	scaffold185	8.4	1.04E-68	598	650	45762149
1	C67638	10.0	2.07E-85	610	608	56272751
1	C69098	11.0	1.10E-133	698	674	56397609
1	C66710	7.0	3.81E-139	569	708	60632109
1	C66918	8.0	0	578	722	67567098
1	C70624	9.0	6.10E-108	840	742	56396150
1	C58590	8.0	2.03E-16	368	1338	82643395
1	C59326	5.0	6.25E-66	381	751	67563076
1	C61944	9.0	8.47E-44	428	749	108837688
1	C64022	7.0	1.38E-36	480	617	84582449
1	scaffold56	8.1	5.38E-74	723	652	60631887
1	C72010	9.0	1.30E-75	1065	653	60634308
1	C54300	6.0	2.86E-58	309	750	60632129
1	C60206	5.0	3.47E-89	395	689	84581459
1	C57260	12.0	1.8427E-13	348	579	120440460
1	C62532	9.0	1.79E-100	441	784	60626460
1	C68302	12.0	3.45E-121	644	751	60635042
1	C62302	8.0	1.38996E-08	436	561	104302307
1	C71534	8.0	9.34E-21	970	761	67567051
1	C71784	8.0	8.13443E-06	1019	561	104302307
1	C71928	5.0	3.85E-17	1048	761	67567051
1	C65590	9.0	1.04385E-06	528	591	60572384
1	C53968	9.0	1.80E-22	306	406	229719654
1	C68562	16.0	1.44E-49	662	722	60436051
1	C55260	5.0	1.47E-75	320	559	18817327
1	C59564	6.0	2.25E-93	385	596	60559847
1	C53724	4.0	3.11E-30	303	280	104297801
1	C53994	6.0	2.17E-37	306	684	60557572
1	C58466	6.0	3.81E-30	366	280	104297801

1	C59680	5.0	1.48E-23	386	402	104302202
1	C65848	6.0	5.68E-30	537	867	60574659
1	C66990	5.0	6.16E-30	581	650	60641094
1	C72666	8.0	1.27E-23	1258	402	104302202
1	C72680	8.0	4.65E-17	1261	402	104302202
1	C73272	6.0	6.70E-23	1679	402	104302202
1	C73306	8.0	1.67E-20	1723	402	104302202
1	C73570	6.0	3.52E-22	2229	402	104302202
1	C70026	6.0	3.65E-38	770	602	16319283
1	C53324	6.0	4.80E-29	300	565	21996762
1	C55200	4.0	4.96E-26	320	457	60571251
1	C62182	7.0	1.80E-29	433	678	60436393
1	C67392	7.0	1.23427E-09	598	732	62848659
1	C71026	7.0	2.74E-39	898	469	60522018
1	C66378	9.0	2.71E-41	556	437	104296685
1	C54552	6.0	2.06E-31	312	697	62137004
1	C54628	4.0	8.76E-37	312	771	60622364
1	C57312	6.0	1.70868E-07	348	578	50450655
1	C57674	8.0	6.45E-75	353	506	18819577
1	C58430	3.0	2.62E-37	365	499	18821599
1	C59662	7.0	4.72E-79	386	688	60433306
1	C61214	4.0	1.78E-32	413	926	34408705
1	C61958	6.0	1.91E-35	428	682	60440120
1	C63508	8.0	2.81E-22	466	506	18819577
1	C64086	3.0	1.06255E-15	482	605	60582649
1	C65476	7.0	1.14E-86	525	506	18819577
1	C66592	53.0	4.66E-83	564	506	18819577
1	C67284	11.0	8.48E-17	595	612	60558315
1	C68340	7.0	2.43E-20	647	456	60439057
1	C68620	32.0	9.61E-54	666	505	13548265
1	C68882	9.0	1.03E-93	684	688	60435507
1	C70044	7.0	8.27E-30	772	651	62842110
1	C70184	59.0	6.81E-86	785	771	60622364
1	C55218	5.0	7.74E-25	320	875	46169599
1	C58298	4.0	1.33E-20	363	603	54474630
1	C67238	5.0	4.68E-43	592	889	154637111
1	C69002	4.0	1.25E-71	692	607	31942788
1	C68152	15.0	3.36E-47	637	789	60635271
1	C53900	6.0	1.19E-26	305	629	156184186
1	C54202	8.0	6.63E-16	308	557	60582757
1	C54356	7.0	6.43206E-13	310	452	50688224
1	C54988	6.0	4.91E-26	317	626	62889835
1	C55534	11.0	1.84E-19	324	666	60556663
1	C57632	5.0	1.34E-23	353	626	62889835
1	C61288	13.0	6.28E-23	414	330	157989902
1	C69578	8.0	1.64592E-15	734	557	60582757
1	C69962	6.0	1.65181E-12	764	165	116379049
1	C71626	8.0	2.70E-30	990	778	34407521

1	C71728	6.0	9.01852E-15	1009	761	67562876
1	C72146	8.0	7.63E-31	1101	672	60619057
1	C72436	7.0	1.23E-26	1179	629	156184186
1	C72630	7.0	8.34E-28	1247	748	67564722
1	C73182	7.0	3.83E-21	1559	626	62889835
1	C73242	7.0	7.01E-29	1630	799	62846608
1	C73292	8.0	4.36E-24	1704	629	156184186
1	C73694	8.0	7.64E-27	2866	629	156184186
1	C55288	6.0	1.89E-22	320	699	60558914
1	scaffold60	7.4	5.12279E-13	931	699	60558914
1	C58084	8.0	3.36E-58	359	262	45767440
1	C63218	9.0	6.53E-54	458	262	45767440
1	C72820	10.0	8.57E-170	1339	662	60626428
1	C70448	9.0	1.21E-164	814	782	60613336
1	C68696	9.0	1.01E-93	671	450	20429912
1	C65306	8.0	2.46E-112	519	748	60631606
1	C69356	5.0	3.19E-106	717	721	67563446
1	C59574	7.0	6.09E-63	385	779	56398026
1	C56078	6.0	1.81E-16	331	751	62848051
1	C68816	5.0	2.20166E-08	680	888	84586283
1	C54952	8.0	1.87E-22	317	650	60641094
1	C58846	4.0	1.53E-29	372	732	62848659
1	C59760	6.0	7.55886E-07	387	111	67567690
1	C62744	4.0	1.53519E-14	446	111	67567690
1	C66542	3.0	3.04659E-13	563	111	67567690
1	C68764	9.0	6.70E-24	677	655	50523853
1	C71974	49.0	1.72E-25	1060	655	50523853
1	C72004	9.0	5.65554E-10	1064	111	67567690
1	C67272	9.0	2.23E-20	594	484	50633323
1	C61938	4.0	9.42E-16	428	716	60437339
1	C73114	7.0	3.88E-24	1519	949	34413183
1	C64902	10.0	1.24E-132	507	801	60626147
1	C54636	8.0	3.86025E-08	313	791	23707203
1	C71734	9.0	2.37E-18	1009	422	8908788
1	C60352	8.0	2.04113E-10	397	778	23289516
1	C68482	10.0	2.12124E-08	656	406	8907317
1	C62400	4.0	1.50622E-14	438	719	60637874
1	C69986	9.0	4.19188E-13	766	671	60437101
1	C65044	5.0	2.97E-19	511	563	84129686
1	C66650	6.0	1.31E-18	566	531	183028217
1	C66782	5.0	5.25E-55	572	850	84588792
1	C71854	5.0	8.93E-49	1029	546	60513747
1	C73486	45.0	8.28E-134	2028	792	84583450
1	C73380	10.0	2.57822E-13	1833	669	56274988
1	C68486	6.0	6.48E-24	656	371	48724141
1	C72156	10.0	9.15985E-09	1103	631	28289954
1	C73614	9.0	3.89E-25	2369	277	60625579
1	C65104	6.0	1.70521E-11	513	521	83488801

1	C66488	11.0	7.66786E-14	560	702	29258978
1	scaffold45	6.5	1.63198E-08	510	547	49340311
1	C65258	9.0	7.34E-17	518	748	62839521
1	C55082	11.0	1.80E-19	318	851	119683006
1	C73042	6.0	9.17E-22	1474	566	86224623
1	C72734	5.0	1.73938E-10	1288	864	75787908
1	C67452	5.0	1.62E-30	601	457	60571251
1	C64504	6.0	1.01103E-09	494	719	40401817
1	C58446	4.0	4.55005E-08	365	307	86233888
1	C66358	9.0	4.86598E-15	555	614	74363469
1	C72294	10.0	4.04037E-14	1141	653	60433803
1	C73000	5.0	3.05027E-09	1444	129	178616792
1	C53726	5.0	4.68E-26	303	579	60560824
1	C70196	10.0	6.72026E-12	786	604	282744375
1	C72978	9.0	1.34E-17	1436	740	60437760
1	C71764	5.0	5.18442E-07	1014	556	81200863
1	C62676	5.0	1.52795E-14	444	667	183025254
1	C72402	9.0	6.24228E-10	1172	272	20431398
1	C70960	6.0	1.14663E-07	889	529	19695691
1	C73660	10.0	5.69813E-12	2585	774	31892390
1	C58860	9.0	1.22379E-11	373	672	40412790
1	C55434	4.0	6.45181E-10	322	684	29399077
1	C66940	5.0	1.8632E-08	579	387	59826354
1	C72164	7.0	7.15E-62	1105	578	60557987
1	C73080	8.0	4.95625E-08	1502	585	13309224
1	C69750	9.0	2.42283E-08	746	293	305635912
1	scaffold152	7.3	5.22434E-13	949	583	60586208
1	C72380	5.0	1.08E-17	1164	180	60639146
1	C56340	5.0	3.20E-24	334	628	282723254
1	C66544	8.0	9.67E-32	563	652	60561155
1	C66662	5.0	5.17E-18	567	586	157989590
1	C55168	6.0	1.12E-17	319	738	45765625
1	C63024	5.0	5.9374E-11	453	534	8273999
1	C65052	5.0	5.00E-24	511	928	23702215
1	C69744	7.0	1.60945E-12	745	611	178588315
1	C70486	5.0	1.09313E-10	818	799	62837558
1	C59426	6.0	1.20866E-08	382	805	46174282
1	C72092	10.0	5.77506E-10	1086	693	60561524
1	C57784	55.0	7.16151E-10	355	620	60559538
1	C57850	6.0	6.91688E-07	356	693	76047314
1	C73416	9.0	3.11E-25	1901	820	282754755
1	C55732	4.0	6.78939E-13	326	584	288238414
1	C61076	5.0	3.56471E-15	411	223	114758498
1	C62244	6.0	1.49536E-14	435	734	54530162
1	scaffold78	5.0	1.79569E-11	539	629	119228810
1	C72516	10.0	1.08661E-14	1211	348	282749630
1	C56160	5.0	4.43484E-14	332	775	84582938
1	C57420	4.0	3.24E-21	350	1033	23695195

1	scaffold193	7.0	8.16E-17	573	678	60436975
1	C72716	10.0	5.27E-26	1278	696	60564770
1	C70162	9.0	4.12893E-10	783	157	104297306
1	C70190	9.0	4.64E-19	786	696	60564770
1	C62162	5.0	1.07E-24	433	808	23707850
1	C61642	6.0	9.28E-16	422	488	60440267
1	C62010	8.0	9.80E-19	429	758	34409494
1	C64680	4.0	4.0456E-09	500	443	77992502
1	C67862	8.0	2.33E-20	620	484	50633323
1	C62226	6.0	9.92E-19	434	654	54502201
1	C63238	4.0	2.47012E-13	459	570	60565684
1	C61688	6.0	8.30439E-07	423	721	76555249
1	C56290	4.0	1.76356E-13	334	273	60636262
1	C67502	9.0	9.63E-26	603	479	84587058
1	C70366	8.0	1.20E-19	804	664	60541004
1	C68862	7.0	8.752E-08	684	612	50675248
1	C69022	60.0	5.47196E-06	693	613	15183948
1	C61282	5.0	1.06E-27	414	753	62143727
1	C62722	5.0	2.48E-16	445	527	18817175
1	C61866	4.0	1.01E-21	426	730	282754221
1	C64358	8.0	6.92E-17	490	702	282725793
1	C64498	8.0	3.09E-25	494	592	62851340
1	C70086	9.0	5.74E-37	775	730	282754221
1	C73108	9.0	5.05E-45	1518	465	282734047
1	C56466	6.0	1.05422E-08	336	548	60558754
1	C58986	6.0	7.59163E-10	375	702	60441321
1	C62170	10.0	9.53E-16	433	370	119276610
1	C65358	8.0	6.59379E-08	521	851	288236892
1	C65394	8.0	6.93E-48	523	716	282756139
1	C69918	7.0	3.85562E-07	760	113	60629659
1	C71814	6.0	1.42791E-13	1023	403	282760188
1	C72342	11.0	4.58E-23	1155	520	282724317
1	C58124	6.0	1.83974E-10	360	946	34410000
1	C73520	52.0	7.29E-48	2106	625	60616748
1	C64758	7.0	8.28E-29	503	652	60438108
1	C66008	6.0	1.80613E-11	542	713	84581727
1	C70880	5.0	6.03E-31	875	477	60636173
1	C72862	5.0	2.23E-25	1364	810	282755911
1	C60568	3.0	3.10115E-06	401	489	7841767
1	C61992	10.0	5.60678E-11	429	752	62139474
1	C69032	10.0	7.70E-33	694	672	60555287
1	C59626	4.0	1.72E-35	386	625	60616748
1	C58588	5.0	8.02E-16	368	682	62850827
1	C55854	6.0	1.66556E-10	328	735	54536530
1	C71122	9.0	7.82122E-12	911	731	282759073
1	C71530	9.0	1.95541E-06	969	1237	199584710
1	C55578	4.0	6.27489E-07	325	559	32000872
1	C67014	11.0	2.92441E-07	582	544	20430286

1	C62514	5.0	2.55E-19	441	637	60559835
1	C55630	5.0	2.99E-21	325	516	18822515
1	C60880	6.0	5.72E-17	407	779	74261518
1	C68306	8.0	4.56E-34	644	751	56270157
1	C68610	4.0	4.06E-22	665	751	56270157
1	C69226	6.0	3.7106E-10	706	679	68285846
1	C73274	9.0	3.08E-34	1680	716	282756139
1	C56206	5.0	9.39E-37	333	640	62144031
1	C60262	4.0	5.54E-17	395	734	54503899
1	C68740	6.0	1.12E-28	674	898	148752116
1	C69086	49.0	3.29E-38	697	555	50435963
1	C64214	6.0	2.82E-19	486	640	62144031
1	C64992	7.0	7.21E-17	509	709	282723543
1	C72234	10.0	5.74419E-07	1121	580	83082001
1	C63676	5.0	1.08E-18	471	654	282757066
1	C72834	8.0	1.16526E-11	1346	311	282760362
1	scaffold236	8.0	1.41E-56	933	387	282759583
1	C55522	4.0	3.10E-24	324	765	75879166
1	C67324	5.0	1.54E-27	596	761	59790528
1	C69668	9.0	6.08112E-09	740	677	282754938
1	C70768	8.0	1.07E-41	859	625	60616748
1	C68928	7.0	2.30726E-11	686	626	62141324
1	C56812	8.0	1.67199E-07	341	813	282742723
1	C70776	10.0	5.37E-96	860	512	18821012
1	C72212	10.0	4.26E-20	1117	946	34410000
1	C65150	6.0	4.01004E-06	514	732	31002593
1	C66104	9.0	4.77451E-15	545	822	282754533
1	C70164	8.0	2.6483E-11	784	618	62888887
1	C57368	8.0	2.99656E-15	349	488	183050530
1	C63492	6.0	1.94E-29	466	589	282746884
1	C65202	5.0	8.50E-29	516	544	60561327
1	C69036	9.0	8.88441E-08	694	541	83457064
1	C59486	5.0	1.41E-20	383	387	282759583
1	C58902	6.0	2.22E-22	373	761	59790528
1	C71968	7.0	4.19E-23	1059	255	104302143
1	C71406	10.0	1.91407E-06	949	789	23696779
1	C65918	6.0	1.1945E-15	539	905	23707849
1	C62286	7.0	3.65324E-12	436	493	282738885
1	C60602	7.0	2.01E-44	402	801	23704872
1	C60036	5.0	5.09707E-11	392	672	60437676
1	C70580	7.0	5.12E-22	833	628	67563653
1	scaffold249	4.8	7.81779E-10	1462	571	50579235
1	C66528	9.0	2.81978E-07	562	626	34169446
1	C73162	11.0	8.92E-16	1546	822	148279529
1	C53860	4.0	8.55E-37	305	401	60516426
1	C53862	56.0	3.51E-39	305	401	60516426
1	C55136	55.0	6.63306E-13	319	419	60514839
1	C55192	4.0	6.63306E-13	319	419	60514839



1	C55466 37.0	6.05E-41	323	839	84585402
1	C56996 4.0	4.47E-48	344	525	60514129
1	C57158 4.0	9.08E-31	346	839	84585402
1	C58304 55.0	5.51E-60	363	401	60516426
1	C62812 4.0	2.90E-28	447	738	213483311
1	C63250 55.0	1.98E-32	459	401	60516426
1	C63802 58.0	4.33E-55	474	551	60516699
1	C65112 60.0	4.19E-46	513	525	60514129
1	C66730 5.0	7.52125E-11	570	700	60626175
1	C68032 58.0	2.30E-54	630	551	60516699
1	C68224 58.0	5.70E-52	641	839	84585402
1	C72200 61.0	3.86E-85	1114	457	18821131
1	C73640 53.0	8.49E-119	2504	407	60518838
1	C69740 6.0	2.28E-76	745	575	18817122
1	C71600 6.0	6.84E-68	982	874	84584654
1	C72900 6.0	0	1382	691	62134052
1	C66198 5.0	0	549	652	50437781
1	C54362 5.0	9.31102E-06	310	335	282736064
1	C56972 3.0	3.70E-33	344	475	60440763
1	C58212 6.0	2.78204E-06	362	894	34407989
1	C67128 5.0	2.20E-20	588	742	119679084
1	C72484 5.0	1.12E-17	1198	633	51549664
1	C72700 9.0	3.12E-21	1272	633	51549664
1	C73126 11.0	2.69E-31	1527	810	282755911
1	C55350 7.0	1.97E-25	321	841	282752660
1	C55740 6.0	1.23E-23	326	617	60637083
1	C56598 4.0	1.85E-16	338	751	30983371
1	C56680 5.0	7.07973E-13	339	652	60561155
1	C56818 8.0	2.61021E-06	341	461	60719743
1	C57102 7.0	2.64294E-06	345	209	162285837
1	C57730 6.0	2.71658E-06	354	544	83121497
1	C59154 6.0	2.94E-43	378	511	282757412
1	C60798 7.0	2.08468E-10	405	758	282753432
1	C62110 8.0	7.36E-32	432	448	60508633
1	C62522 6.0	3.99E-18	441	349	5546949
1	C65132 5.0	8.86E-69	514	730	60640953
1	C65584 6.0	1.04385E-06	528	720	60441151
1	C65868 8.0	4.24E-43	538	788	282731911
1	C66726 7.0	4.8178E-12	570	612	282723291
1	C66828 7.0	1.48E-27	574	731	282738250
1	C66842 8.0	1.73E-39	574	724	62839303
1	C66942 10.0	5.28E-18	579	577	60638928
1	C67096 8.0	1.83E-42	586	946	34410000
1	C67546 8.0	9.31E-23	605	711	62835176
1	C67650 11.0	1.52E-24	611	808	23704870
1	scaffold168 9.4	5.31103E-12	626	754	51881419
1	scaffold10 4.0	5.35507E-12	631	617	60637083
1	C68250 4.0	6.34E-24	642	472	21550046

1	C68304	13.0	8.60E-48	644	537	282723552
1	C68500	9.0	9.40E-17	657	580	18817874
1	C68856	8.0	4.50E-28	683	387	282759583
1	C68890	8.0	7.59E-33	685	697	60435036
1	scaffold200	7.8	5.46E-40	712	511	282757412
1	C69318	6.0	6.0773E-12	713	812	74361243
1	C70244	6.0	1.01687E-07	791	638	15911811
1	C70956	10.0	8.54E-21	889	855	34414544
1	C71038	9.0	8.72E-58	900	725	34409433
1	C71066	9.0	9.72E-30	903	508	20430560
1	scaffold191	9.1	2.18298E-15	966	526	74368314
1	C71608	10.0	1.86E-37	984	185	282725291
1	C71648	5.0	1.28831E-07	996	786	62834852
1	C72012	8.0	3.49183E-08	1065	872	34413975
1	C72278	9.0	1.5864E-13	1134	533	282733423
1	C73298	46.0	2.51E-16	1713	750	60635400
1	C73436	10.0	1.30E-27	1940	641	104296258
1	C53372	5.0	6.90E-167	300	675	84581729
1	C65342	7.0	4.22371E-09	521	554	282739631
1	C53888	4.0	1.12E-94	305	720	62848714
1	C67828	5.0	2.32E-20	619	451	19690633
1	C69026	5.0	1.04E-56	694	704	24810808
1	C69682	5.0	2.52E-48	741	778	28280137
1	C62158	9.0	2.23708E-10	433	638	60524354
1	C60786	4.0	2.02E-44	405	559	83508837
1	C69616	5.0	4.90E-65	737	471	80893274
1	C70258	5.0	3.76E-38	793	704	24810808
1	C57984	5.0	2.85509E-09	358	584	50517054
1	C69438	7.0	3.94364E-13	722	618	32272727
1	C58700	6.0	7.77207E-13	370	767	74371800
1	C63308	10.0	9.44115E-10	461	528	84123343
1	C61746	6.0	9.05E-50	424	536	81276811
1	C60578	5.0	1.32141E-11	401	486	50433427
1	C64160	7.0	1.54485E-08	484	590	12371705
1	C67798	7.0	5.86E-21	617	856	90230938
1	C70682	8.0	7.53678E-15	847	847	82817305
1	C63984	9.0	1.72E-17	479	261	18982090
1	C73316	9.0	2.35643E-10	1741	558	50641816
1	scaffold181	8.3	3.20E-17	876	561	68325227
1	C62644	7.0	3.58586E-09	444	698	60558484
1	C66776	5.0	6.06E-30	572	718	62133031
1	C62640	9.0	1.41682E-08	444	719	112765394
1	C67688	8.0	2.05321E-11	613	248	1986089
1	C68530	8.0	1.93E-73	659	416	2054152
1	scaffold115	5.8	3.58E-28	549	456	26593927
1	C59238	4.0	7.67766E-10	379	871	51887221
1	C68462	8.0	8.35478E-08	654	466	83532002
1	C59242	8.0	3.42E-55	379	814	112212336

1	C54340	5.0	9.00E-40	309	398	10096673
1	C68654	5.0	6.36E-21	668	792	295141839
1	C63990	7.0	6.79E-17	479	561	78754941
1	C63338	6.0	4.03206E-15	462	403	182550396
1	C68238	9.0	3.62E-16	641	661	84125986
1	C64950	7.0	3.96104E-06	508	541	10908781
1	C73050	10.0	3.0096E-06	1479	266	9007846
1	C68142	6.0	2.30E-17	636	603	282734033
1	C61950	9.0	2.81E-102	428	636	50453538
1	C53416	5.0	3.61E-79	300	443	50440720
1	C54788	5.0	4.22E-51	315	443	50440720
1	C70364	9.0	1.74097E-12	804	375	2161279
1	C68132	5.0	4.99826E-06	635	623	56201124
1	scaffold61	5.2	3.91797E-12	466	365	9881863
1	scaffold276	8.4	3.20E-16	2184	490	27844795
1	C67224	6.0	5.2044E-15	592	329	60439037
1	C66282	5.0	8.15E-20	552	510	19758575
1	C73210	10.0	4.22E-27	1591	812	108889247
1	C53812	7.0	1.55E-47	304	440	60506954
1	C72706	8.0	4.88E-20	1274	628	67563653
1	C73558	10.0	8.17E-17	2206	524	50639467
1	C58882	5.0	2.98255E-09	373	391	8609972
1	C61662	7.0	0	422	806	60452417
1	C56222	9.0	4.2843E-11	333	445	272528
1	C71382	8.0	1.14E-38	947	496	60578525
1	C70320	8.0	1.72983E-12	799	514	104300644
1	C72268	10.0	9.04098E-06	1130	771	13334467
1	C60386	4.0	7.78666E-07	398	727	219660191
1	C61056	9.0	8.34434E-10	410	413	104297892
1	C73496	7.0	1.06E-43	2042	680	60607532
1	C66570	9.0	0	564	632	62888779
1	C56124	7.0	1.1188E-14	331	556	82056436
1	C71420	9.0	5.44E-16	952	176	182831302
1	C68988	9.0	6.59E-21	691	238	5511402
1	C66690	8.0	7.55E-48	568	332	7848324
1	C65888	6.0	1.06452E-06	538	759	57718503
1	C61484	8.0	5.88E-17	418	718	62844540
1	C54096	4.0	9.21403E-06	307	292	60525045
1	C67764	9.0	6.07E-24	616	524	14344329
1	C56324	7.0	1.04751E-08	334	798	77213783
1	C60112	9.0	1.94454E-07	393	573	80934884
1	C60192	10.0	6.98E-72	394	772	84589540
1	C65740	10.0	1.32E-24	533	625	24727431
1	C53570	7.0	1.51E-155	302	445	50637428
1	C69454	6.0	5.93694E-09	723	558	10868665
1	C71308	8.0	8.34168E-15	935	805	51881601
1	C72638	9.0	1.75204E-13	1250	233	7947441
1	C72672	10.0	2.65315E-09	1259	676	62849115

1	C69924	10.0	4.0094E-10	761	545	77950380
1	C63928	9.0	1.99E-29	478	590	50278056
1	C65732	6.0	7.0125E-11	533	861	11155596
1	C68932	6.0	2.22512E-08	687	680	149943195
1	C68936	8.0	1.42532E-09	687	306	7954996
1	C67136	7.0	9.53E-100	588	840	10934744
1	C71662	7.0	8.26083E-09	997	540	83505506
1	C71480	5.0	8.2528E-12	960	804	77205056
1	C55812	7.0	1.86E-19	327	237	14433994
1	C72224	10.0	8.82E-114	1119	607	160508121
1	C55504	8.0	1.57765E-07	323	569	82062700
1	C70796	8.0	2.53E-36	863	524	83494740
1	C71330	9.0	1.42E-56	938	544	83437273
1	C72086	9.0	6.96E-25	1084	218	12349328
1	C65496	7.0	1.11904E-12	525	569	60591752
1	C62148	10.0	8.49078E-07	432	656	288260990
1	C71912	8.0	1.35186E-07	1044	198	8112680
1	C71612	8.0	2.22928E-15	986	573	77941560
1	C72732	5.0	3.04E-18	1287	553	78560871
1	C71830	9.0	5.2472E-07	1026	658	57721644
1	C62916	9.0	1.49225E-11	450	758	34477569
1	C56908	9.0	4.25821E-08	343	423	288289888
1	C69912	8.0	0	759	602	50532973
1	C70232	9.0	4.33293E-13	791	352	570833
1	C58260	4.0	1.92183E-13	362	732	62141073
1	C62754	6.0	8.7807E-07	446	587	19620081
1	C69344	4.0	9.1757E-08	716	774	269804351
1	C72416	8.0	5.22E-32	1175	280	104297801
1	C72518	9.0	2.39E-40	1213	646	114725157
1	C69392	9.0	9.57E-11	719	811	15255878
1	C69040	7.0	1.69E-58	695	732	302086846
1	C72084	9.0	6.96E-25	1084	404	229652156
1	C68466	9.0	1.52E-18	655	452	77992687
1	C61930	6.0	2.12799E-07	428	476	90935545
1	C61104	4.0	3.18298E-06	411	947	160515428
1	C70340	9.0	1.16E-16	802	646	60556714
1	C58672	8.0	9.08E-62	369	571	29208743
1	C69782	5.0	6.38557E-12	748	537	19609055
1	C71374	9.0	1.15E-75	945	607	60624621
1	C58464	5.0	2.81477E-06	366	591	83232158
1	C58436	5.0	3.42E-58	365	603	282734033
1	C56168	7.0	1.36E-29	332	708	60634151
1	C57668	7.0	6.85475E-07	353	778	108900686
1	C59116	7.0	1.20E-45	377	693	1307555
1	C70480	5.0	1.64122E-06	817	736	62848028
1	C57002	5.0	6.66837E-07	344	808	68422475
1	C60472	4.0	3.08479E-06	399	721	60560370
1	C73630	9.0	1.35374E-12	2428	465	1229468

1	C65542	7.0	4.2746E-09	527	433	6399941
1	C72182	9.0	2.26E-43	1109	816	62844105
1	C66416	10.0	1.28E-18	557	575	213480061
1	C63052	9.0	3.42E-40	453	549	207907988
1	C73008	9.0	3.05671E-09	1447	836	59777337
1	C73422	8.0	3.89728E-06	1913	639	282732458
1	C73534	9.0	7.33945E-11	2137	493	3222962
1	C67670	7.0	6.76E-33	612	638	60524050
1	scaffold46	7.5	6.87E-23	451	501	27837098
1	C63296	7.0	3.58392E-06	460	863	288272239
1	C56816	6.0	2.81494E-12	341	567	83431990
1	C60154	5.0	3.04388E-06	394	558	10870741
1	C56574	4.0	1.10176E-11	338	330	2237690
1	C65674	8.0	2.22E-29	531	814	34412226
1	C68006	8.0	3.41331E-13	628	534	79823713
1	C69820	11.0	6.1829E-09	752	690	62144149
1	C60638	6.0	9.15E-19	402	724	77992732
1	C57712	8.0	2.8211E-09	354	427	8364352
1	C60978	6.0	5.13373E-08	409	577	83263843
1	C54752	4.0	1.03E-48	314	507	27825727
1	C68604	9.0	3.61642E-13	664	608	31391944
1	C70496	10.0	6.50918E-06	820	654	305641686
1	C57976	11.0	4.45719E-08	358	515	19696880
1	C68346	9.0	6.44E-61	647	783	31889547
1	C59748	6.0	1.38E-54	387	632	62144681
1	C59784	61.0	0	388	636	114488428
1	C53376	9.0	2.27473E-06	300	463	2553534
1	scaffold86	7.0	9.73195E-15	1087	724	62135654
1	C53772	7.0	2.30745E-06	304	381	282760009
1	C71304	10.0	1.254E-10	935	888	47010404
1	C62396	8.0	8.94651E-10	438	468	12271027
1	C57588	5.0	7.65E-16	352	288	6975958
1	C71314	6.0	1.95981E-09	936	639	213482504
1	C69160	9.0	8.08E-36	701	680	60607532
1	C69504	5.0	6.20061E-12	727	803	60575125
1	C71034	7.0	3.1658E-14	899	561	80485546
1	C73706	9.0	2.63839E-14	2914	718	282752988
1	C57408	7.0	1.78531E-10	350	595	49898695
1	C58270	7.0	2.24E-25	362	635	13742062
1	scaffold228	7.6	6.23E-28	938	550	83435949
1	C60536	8.0	5.01434E-08	400	354	1321506
1	C73510	10.0	7.98E-20	2076	669	67564895
1	scaffold275	8.2	1.68E-54	1787	565	50441438
1	C61584	5.0	2.25533E-13	421	371	91725754
1	C59208	7.0	2.01792E-13	379	642	213472908
1	C71294	10.0	1.26E-47	933	757	282727029
1	C71642	8.0	8.2269E-09	993	536	33209799
1	C73590	9.0	5.70E-21	2310	569	83479699

1	C57170	4.0	8.74E-28	346	802	15708322
1	C71486	9.0	7.66074E-06	961	760	62848620
1	C71740	7.0	9.02767E-15	1010	667	60441011
1	C57926	8.0	1.43E-100	357	951	76381091
1	C73006	10.0	0	1445	712	59810035
1	C56164	7.0	5.16E-26	332	408	60482625
1	C61734	6.0	3.68384E-15	424	308	12301882
1	C71866	8.0	1.3373E-07	1033	794	67563794
1	C65116	8.0	1.01285E-06	513	506	45698237
1	scaffold252	8.0	6.65518E-10	1248	585	50535757
1	C69720	5.0	3.76668E-07	743	637	62890061
1	C68348	5.0	2.17153E-11	647	566	86224623
1	C65400	9.0	2.82092E-13	523	608	31391944
1	C59112	8.0	2.00662E-13	377	588	115357513
1	C69562	11.0	2.59E-51	733	638	58032618
1	C70554	9.0	0	828	601	32273992
1	C69148	8.0	2.64E-20	701	578	83108620
1	C72124	8.0	0	1096	803	62840583
1	C67698	5.0	1.98049E-08	614	568	28445240
1	C62318	7.0	8.92501E-10	437	316	318720
1	C55714	9.0	1.44E-72	326	664	60563913
1	C53886	5.0	9.867E-12	305	858	82971523
1	C58900	4.0	5.84E-26	373	655	50523853
1	C70918	8.0	2.98238E-11	880	485	52804561
1	C61234	6.0	9.07E-16	413	411	22919862
1	C72292	8.0	6.54E-16	1140	650	76234974
1	C62482	9.0	1.13E-27	440	755	60612972
1	C62698	8.0	1.14E-27	445	531	60608085
1	C69768	9.0	4.41E-19	747	906	29494140
1	C68062	10.0	8.37375E-11	632	353	8264328
1	C66072	8.0	6.89832E-08	544	433	14439860
1	C66122	7.0	4.27139E-06	546	292	152010431
1	C58082	10.0	7.24753E-10	359	575	119531310
1	C57542	8.0	6.81333E-07	351	377	4482171
1	C69468	5.0	8.42E-73	724	767	67564902
1	C55240	4.0	6.4088E-10	320	533	12182038
1	C57610	6.0	3.15E-18	353	455	305633796
1	C62032	7.0	8.51E-44	430	712	5434998
1	C59240	11.0	3.27147E-15	379	747	21168606
1	C54776	8.0	2.39746E-06	315	320	42581837
1	C61536	9.0	1.33624E-08	420	577	78251542
1	C70216	7.0	2.66222E-11	788	699	49344242
1	C61338	7.0	5.21333E-08	415	818	23698306
1	C57538	6.0	2.79561E-09	351	502	82172814
1	C53822	6.0	6.0647E-10	304	321	14437112
1	C63948	5.0	9.80675E-10	478	661	15156582
1	C61162	6.0	1.35976E-11	412	920	28831635
1	C54190	8.0	2.34018E-06	308	629	60580091

1	C72512	10.0	1.04547E-11	1210	469	92173405
1	C70508	9.0	4.3408E-10	822	543	83106084
1	C69882	8.0	6.22531E-09	757	381	282738133
1	C71818	10.0	8.17526E-06	1024	680	60607532
1	C66134	10.0	8.05E-20	546	402	62805812
1	C65964	7.0	5.72E-30	541	685	60639015
1	C63860	5.0	3.99739E-12	475	113	41110936
1	C53610	7.0	2.29109E-06	302	369	18961729
1	C67094	5.0	3.05866E-10	586	732	62136324
1	C59168	5.0	7.37248E-07	378	663	23066935
1	C66002	7.0	7.13625E-11	542	567	81151350
1	scaffold258	6.0	1.30082E-13	934	108	109535318
1	C70672	9.0	4.03E-38	847	727	60436400
1	C66696	4.0	4.80019E-12	568	402	104302202
1	C69860	11.0	2.45299E-08	755	804	288290042
1	C70118	11.0	1.56268E-06	779	688	71966905
1	C68236	7.0	3.48665E-13	641	812	23697085
1	C61834	7.0	5.56545E-11	426	534	83557045
1	C71078	5.0	8.05813E-15	904	443	5673726
1	C64480	3.0	2.76E-16	494	656	62137324
1	C70046	8.0	3.9184E-07	772	739	60626264
1	C71902	8.0	8.97503E-12	1042	314	45768806
1	C73412	9.0	1.09473E-15	1896	648	62139601
1	C69112	10.0	3.96E-16	699	875	30853346
1	C54038	3.0	4.91E-29	306	658	298954959
1	C63330	7.0	1.23E-30	461	472	60527204
1	C63782	6.0	3.83228E-09	473	578	78280470
1	C73188	8.0	1.30952E-08	1567	615	62888921
1	C57446	8.0	8.20E-22	350	441	18821123
1	C72568	10.0	4.05146E-08	1232	515	83247266
1	C70224	10.0	1.14E-16	789	662	10910867
1	C68214	6.0	5.0391E-06	640	549	14447785
1	C65676	5.0	1.37E-27	531	528	18823006
1	C56664	7.0	2.59384E-06	339	453	114754920
1	C67564	9.0	3.16732E-10	606	861	21180201
1	C71862	10.0	1.38738E-10	1032	631	213485337
1	C70354	6.0	5.52E-31	803	532	57700803
1	C60508	8.0	1.98123E-07	400	761	259800985
1	C71302	9.0	1.09E-35	934	808	114490769
1	C72772	10.0	7.27797E-13	1313	617	60564903
1	C56326	8.0	2.75317E-12	334	351	60579862
1	C63834	9.0	5.01E-30	475	794	53707302
1	C73526	9.0	4.6791E-12	2127	323	14445068
1	C60484	6.0	3.45475E-15	399	111	67567690
1	C68554	5.0	5.21061E-06	661	372	1212370
1	C73282	9.0	2.47E-16	1690	578	21771623
1	C63440	5.0	3.61665E-06	464	683	10839037
1	C64418	9.0	6.20982E-08	492	796	28280205

1	C69310	6.0	1.48113E-09	713	618	19025087
1	C53326	9.0	1.52E-47	300	727	62133069
1	C65544	6.0	2.78E-84	527	727	62133069
1	C66168	6.0	4.01E-37	548	547	60513968
1	C64828	6.0	1.32E-101	505	507	112767046
1	C56002	6.0	4.08576E-08	330	552	82134935
1	C66900	5.0	2.89825E-07	577	534	78308766
1	C57772	6.0	2.11E-22	355	804	302110699
1	C57282	8.0	9.13E-31	348	418	183147358
1	C71112	4.0	7.57E-46	909	536	47326377
1	C65500	7.0	2.62621E-07	525	869	51881803
1	C63468	9.0	2.25E-41	465	1364	199587352
1	C62140	6.0	3.51E-46	432	750	84583213
1	C65444	5.0	4.28E-46	524	695	62143782
1	C55938	6.0	2.60867E-09	329	630	288235737
1	C70608	10.0	6.66435E-06	839	920	34407724
1	C65094	7.0	3.99371E-06	512	581	9748413
1	C66816	10.0	2.99347E-10	574	771	62838286
1	C56240	8.0	2.96E-18	333	660	50655735
1	C71128	9.0	8.1313E-15	912	688	60434002
1	C53942	8.0	4.71E-26	305	641	104296258
1	C71558	10.0	8.07424E-09	975	942	82821741
1	C72392	8.0	6.97E-19	1168	725	60559043
1	C66906	9.0	4.52457E-06	577	692	116839497
1	C63158	6.0	8.79E-78	456	766	84580504
1	C63668	8.0	3.81529E-09	471	339	40793074
1	C68710	8.0	1.01E-56	672	877	62919872
1	C62424	7.0	3.07E-34	439	621	11217050
1	C62464	7.0	4.99E-36	440	466	33271798
1	C69864	4.0	6.02E-43	755	794	112229223
1	C53808	7.0	0.000000584	304	565	20430275
1	C68772	8.0	2.27942E-11	678	676	40800667
1	C64392	6.0	5.37E-33	491	669	56274988
1	C73440	10.0	6.68991E-11	1950	707	50630156
1	C58834	9.0	3.08849E-12	372	554	60590476
1	C71260	7.0	3.80E-26	928	691	60440476
1	C55678	8.0	7.90E-25	326	731	282759073
1	C67298	6.0	9.57E-63	595	487	60636630
1	C69046	9.0	3.94E-16	695	801	282727888
1	C72578	9.0	4.58E-54	1235	920	148752118
1	C53654	4.0	9.05238E-06	302	796	58299089
1	C65366	4.0	2.61052E-07	522	830	56396584
1	C65962	9.0	2.53E-38	541	690	33290179
1	C71724	8.0	9.36E-18	1008	915	148753160
1	C68658	5.0	3.93E-19	669	600	282751687
1	C71384	7.0	2.139E-15	947	475	27826009
1	C54846	3.0	6.32278E-10	316	761	282750024
1	C59462	5.0	3.44E-18	383	488	282736403



1	C61168	6.0	2.20446E-13	412	482	60524674
1	C56988	5.0	6.66837E-07	344	834	23697081
1	C67098	8.0	2.30E-60	586	730	282754221
1	C71700	8.0	8.63153E-12	1003	759	40404306
1	C60574	5.0	3.47307E-15	401	643	50515833
1	C65370	8.0	6.60703E-08	522	606	280972295
1	C72050	9.0	2.17865E-06	1077	490	50449975
1	C54584	7.0	4.65E-23	312	617	60563611
1	C64926	4.0	1.03894E-09	507	406	50528609
1	C61618	4.0	1.26E-76	421	750	60632129
1	C63410	8.0	8.60E-75	463	370	84582368
1	C65572	8.0	2.47E-38	528	908	148752297
1	C72336	7.0	1.92E-136	1155	783	56390895
1	C72206	11.0	2.3419E-09	1114	701	62144855
1	C73194	8.0	4.87E-39	1577	920	148752118
1	C62972	6.0	5.70415E-08	452	630	305633599
1	C64568	5.0	9.77706E-07	496	649	45762365
1	C67454	10.0	1.19474E-06	601	785	67564591
1	C73490	10.0	1.04903E-06	2033	422	6139684
1	C65010	7.0	2.74757E-13	510	550	60559399
1	C58610	4.0	7.16539E-07	368	477	49687100
1	C64364	8.0	9.65304E-07	490	563	83225402
1	C58406	6.0	1.79778E-07	365	690	24784870
1	C63696	4.0	4.44E-21	471	799	34410677
1	C66628	8.0	2.84071E-07	566	442	7057110
1	scaffold189	4.9	2.43959E-08	751	233	60638583
1	C71520	9.0	1.57E-25	967	578	83108620
1	C70312	8.0	1.66359E-09	798	923	23703970
1	C58784	5.0	2.05E-16	371	592	154766852
1	C72432	9.0	7.58E-25	1178	326	317413
1	C71880	10.0	5.70954E-13	1035	451	50278601
1	C63898	7.0	3.72302E-06	477	689	60562230
1	C72482	9.0	6.14178E-07	1197	516	148194085
1	C73074	10.0	1.02E-101	1495	461	60637765
1	C68564	4.0	0	662	766	84580504
1	C66148	8.0	2.95632E-13	547	460	60631894
1	C63622	59.0	2.83E-22	469	610	50514989
1	C67384	5.0	2.42E-26	598	571	50450962
1	C69408	9.0	1.51E-46	721	486	104300537
1	C70402	5.0	7.75E-21	809	320	60567402
1	scaffold148	7.4	9.74E-30	905	736	45765380
1	C69342	8.0	3.90979E-13	716	631	32209673
1	C68048	4.0	2.03746E-08	631	790	46170187
1	C66944	6.0	6.38E-33	579	461	71968176
1	C58132	4.0	2.76567E-06	360	666	167687185
1	C57258	10.0	6.7512E-07	348	890	31005517
1	C54512	5.0	3.98123E-11	311	751	83068226
1	C70028	8.0	1.62E-46	771	819	60609007

1	C70384	5.0	4.09627E-07	806	772	74373529
1	C65862	3.0	4.39E-46	537	557	83530277
1	C62160	7.0	5.66188E-11	433	623	112766892
1	C71628	7.0	2.07787E-09	991	159	84959392
1	C62234	4.0	6.85E-26	434	531	83257467
1	C62708	4.0	1.42018E-08	445	328	84913243
1	C66174	4.0	1.71E-42	548	653	207865143
1	C55404	4.0	4.16E-48	322	382	60526114
1	C53386	5.0	9.33354E-09	300	539	83243364
1	C58524	6.0	7.41958E-10	367	787	15192123
1	C63712	5.0	2.44936E-10	472	424	13659904
1	C57366	4.0	4.50471E-11	349	566	74261861
1	C69878	8.0	1.13E-19	756	655	62837149
1	C72694	10.0	7.59E-19	1270	580	60582450
1	C72310	9.0	9.90864E-12	1148	698	18992455
1	C69818	5.0	2.53346E-11	751	814	259801050
1	C66858	6.0	0.000001141	575	710	54536780
1	C71440	8.0	2.33E-21	955	766	67563958
1	scaffold75	8.8	3.67E-22	2321	685	62144228
1	C61824	4.0	5.55168E-11	425	481	9513774
1	C72176	5.0	2.24066E-06	1107	565	83231497
1	C69108	5.0	7.19E-27	699	585	282723855
1	C57916	4.0	8.38E-22	357	767	67564902
1	C73244	63.0	4.05E-58	1631	407	60518838
1	C56780	5.0	1.82E-50	341	571	80956353
1	C57266	5.0	4.66373E-14	348	613	108851421
1	C70912	5.0	4.87E-50	880	614	183131176
1	C72556	5.0	6.79277E-13	1227	616	289589089
1	C72626	9.0	4.42344E-14	1247	314	60589734
1	C56342	7.0	2.55293E-06	334	842	108846291
1	C53930	4.0	4.04858E-14	305	457	5364612
1	C62406	5.0	6.47E-57	438	580	28149385
1	C57128	8.0	2.65112E-06	346	892	54500750
1	C66310	9.0	1.13768E-09	553	591	8611640
1	C63780	9.0	3.97974E-12	473	762	146287074
1	C53618	6.0	7.00E-22	302	823	18986940
1	C72306	9.0	1.60354E-13	1146	689	6360679
1	C55438	4.0	5.59E-35	322	857	74542711
1	C73374	11.0	1.44E-76	1827	594	302096992
1	C60076	8.0	2.01936E-10	393	759	282724412
1	C61080	7.0	2.46E-22	411	677	60564847
1	scaffold225	9.4	2.09E-30	771	955	269808945
1	C57072	9.0	2.98E-52	345	768	84584849
1	scaffold121	8.0	1.60E-33	575	857	84586089
1	C70684	9.0	4.90E-90	847	789	60572623
1	C54474	8.0	4.17E-51	311	537	62844649
1	C60872	7.0	1.57E-60	407	408	282759689
1	C73516	16.0	5.36E-24	2096	578	60557987

1	C59070	8.0	6.40E-69	376	546	146067441
1	C68262	5.0	2.40E-165	643	623	18818230
1	C65816	9.0	1.10119E-09	536	780	282753531
1	scaffold269	7.7	3.76E-49	1697	734	67563072
1	C62654	8.0	4.85E-33	444	524	221026382
1	C58866	7.0	2.22E-22	373	1241	199585096
1	C72210	10.0	1.17E-63	1116	593	18823386
1	scaffold261	8.3	2.95E-52	1289	594	49688673
1	C61340	8.0	0	415	599	50640430
1	C72376	8.0	0	1164	768	148753261
1	C65388	8.0	1.25E-21	522	821	62842043
1	C67762	8.0	1.73E-70	616	463	18822765
1	C66040	8.0	6.78E-116	543	600	50523177
1	C66314	7.0	2.24E-63	553	732	62137927
1	C71176	9.0	1.50E-62	919	888	282723044
1	C70412	10.0	0	810	688	60554344
1	C70722	10.0	0	852	779	23697977
1	C73076	8.0	1.24E-153	1497	396	1961362
1	C69006	6.0	1.26E-71	693	710	282759551
1	C68948	5.0	1.37458E-06	688	597	94973526
1	C71496	9.0	3.27122E-11	963	938	82962140
1	C58112	9.0	7.22E-155	360	695	154475852
1	C66152	8.0	3.46E-62	547	418	86239555
1	C61266	7.0	7.88E-41	414	792	67562667
1	C71252	8.0	3.17E-48	927	562	50454799
1	C66074	6.0	1.09E-43	544	571	47438152
1	C68824	5.0	3.37E-78	681	766	84580504
1	C67782	8.0	3.04E-78	617	570	80839455
1	C61278	9.0	5.24E-45	414	855	40798749
1	C57026	6.0	1.50E-143	344	793	23701946
1	C57042	6.0	2.21E-28	345	688	27835407
1	C72134	6.0	1.11E-60	1098	645	182486468
1	C73276	8.0	0	1681	834	40797744
1	C73250	10.0	2.85E-102	1648	640	29262499
1	C61208	6.0	0	413	436	15080829
1	C64620	8.0	3.02E-59	498	569	182468752
1	C61246	5.0	4.54E-70	414	551	282732324
1	C68336	9.0	8.71E-85	647	602	29256349
1	C68094	7.0	2.90E-72	634	505	18822969
1	scaffold190	7.6	7.36E-126	809	737	34409125
1	C63240	5.0	1.77E-23	459	772	84582250
1	C63766	6.0	9.33985E-07	473	822	154538039
1	C66206	8.0	1.17254E-12	549	868	60970020
1	C60762	6.0	1.28588E-08	405	281	215281027
1	C62684	9.0	9.81E-16	445	535	80485888
1	C64986	5.0	4.12193E-09	509	672	49898699
1	C63148	5.0	2.29E-44	456	408	762381
1	C60124	8.0	3.03569E-06	393	1071	15945998

1	C62202	7.0	3.37118E-06	434	58	60561023
1	C62562	5.0	3.09E-34	442	407	60718932
1	C63136	8.0	4.99E-33	456	768	112763070
1	C64816	8.0	1.30E-27	504	496	56397332
1	C66146	5.0	3.85E-34	547	748	67564722
1	C65968	8.0	1.07072E-06	541	662	159710399
1	C56520	5.0	2.57748E-06	337	743	62848333
1	C67264	9.0	0	593	608	26018097
1	C57340	6.0	0	349	918	23703702
1	C72724	5.0	3.19E-95	1283	861	84586461
1	C66682	6.0	5.02E-52	568	545	60539453
1	C54452	6.0	4.88E-100	311	695	62143782
1	C57498	5.0	1.85966E-13	351	695	62143782
1	C63350	9.0	3.26E-71	462	807	60636807
1	C67896	8.0	3.24881E-10	621	491	62139496
1	scaffold211	4.5	2.23852E-08	691	598	56392203
1	C66110	7.0	4.59761E-12	545	527	282747991
1	C71984	8.0	1.79E-28	1062	341	60436803
1	C70978	11.0	4.71567E-10	891	882	59783258
1	C68904	9.0	3.37E-41	686	816	62844105
1	scaffold22	6.0	1.27E-27	494	760	62850762
1	C59120	9.0	1.28536E-14	377	513	282729549
1	C69104	8.0	8.93737E-08	698	460	60441229
1	C58126	9.0	1.06E-39	360	792	67562667
1	C57956	4.0	4.61492E-11	357	466	92101406
1	C59970	4.0	3.25615E-12	391	505	60560482
1	C55264	9.0	3.22E-101	320	319	104300267
1	C65600	7.0	8.08E-23	528	853	282752444
1	C61192	5.0	3.44146E-12	412	898	148752116
1	C64802	8.0	7.41E-20	504	783	148752169
1	C66190	8.0	8.08E-20	548	684	282756500
1	C69512	6.0	3.68821E-07	728	813	61011700
1	C58894	2.0	5.42E-20	373	734	62116513
1	C67516	10.0	3.30E-50	604	630	60438260
1	C69810	5.0	1.50273E-06	750	568	282753485
1	C63396	7.0	4.20E-18	463	753	62143727
1	C68010	8.0	1.40053E-15	628	383	104298965
1	C60244	6.0	8.33041E-13	395	527	282747991
1	C57276	4.0	0	348	684	60539517
1	C68868	9.0	3.59108E-10	684	676	50682034
1	C53660	4.0	2.29109E-06	302	474	157990322
1	C59992	6.0	1.57E-63	391	778	60613376
1	C63374	10.0	2.39493E-10	462	441	209426428
1	C70060	9.0	2.26E-36	773	761	60634008
1	scaffold259	9.0	3.32E-89	1435	617	84582449
1	scaffold140	6.3	3.12E-75	656	809	23694094
1	C63340	7.0	1.85E-26	462	898	148752168
1	C71980	9.0	1.37437E-07	1061	719	160592757

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