

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INARI AGRICULTURE, INC.,

Petitioner,

v.

PIONEER HI-BRED INTERNATIONAL, INC.,

Patent Owner

Case PGR2024-00023

U.S. Patent 11,696,545

DECLARATION OF JASON WHEELER

I, Jason Wheeler, declare as follows:

1. My name is Jason Wheeler. I am over the age of 21, and I have personal knowledge of the facts contained herein unless otherwise indicated. I am a Research Scientist in the Genome Center of Excellence of the Biotechnology Research and Development function of Pioneer Hi-Bred International, Inc. (hereafter, "Pioneer"), part of the Corteva Agriscience™ group of companies.

2. My responsibilities at Pioneer include, among other things, managing laboratory information management and application support systems.

3. I was asked by Pioneer's counsel to query databases to retrieve genotypes for four different corn varieties (PH4CYJ, PH1KTF, PH47W4 and PH47K2) for a set of about 3072 SNP markers. I queried the relevant databases on June 24, 2024 and generated a report in Microsoft Excel format (a printout of which is attached as **Appendix A**), which I provided to counsel.

I declare under the penalty of perjury that the foregoing is true and correct.

Executed on July 17, 2024.



Jason Wheeler

APPENDIX A

SNP_Name	PH4CYJ Allele 1	PH4CYJ Allele 2	PH1KTF Allele 1	PH1KTF Allele 2	PH47W4 Allele 1	PH47W4 Allele 2	PH47K2 Allele 1	PH47K2 Allele 2
PZE-103169263	T	T	T	T	T	T	T	T
PZE-108002130	G	G	G	G	G	G	A	A
PZE-109007822	T	T	T	T	T	T	T	T
PZE-109097849	T	T	T	T	T	T	T	T
PZE-110083337	A	A	A	A	A	A	A	A
PZE-110085234	C	C	C	C	C	C	C	C
PZE-107095095	C	C	C	C	C	C	C	C
PZE-105174897	A	A	A	A	A	A	G	G
PZE-107095879	A	A	A	A	A	A	A	A
PZE-107096184	A	A	A	A	A	A	A	A
PZE-107097215	T	T	T	T	T	T	T	T
PZE-107098005	G	G	G	G	G	G	G	G
PZE-107098089	G	G	G	G	G	G	G	G
PZE-105181926	C	C	C	C	C	C	C	C
PZE-105182082	C	C	C	C	C	C	C	C
PZE-107098865	T	T	T	T	T	T	T	T
PZE-107098889	T	T	T	T	T	T	T	T
PZE-107100579	A	A	A	A	A	A	A	A
PZE-107101066	C	C	C	C	C	C	C	C
PZE-105158393	G	G	G	G	G	G	G	G
PZE-105158672	C	C	C	C	C	C	C	C
PZE-107101793	C	C	C	C	C	C	C	C
PZE-107102089	T	T	T	T	T	T	T	T
PZE-107103880	T	T	T	T	T	T	T	T
PZE-107104709	A	A	A	A	A	A	A	A
PZE-107105855	T	T	T	T	T	T	T	T
PZE-107105917	A	A	A	A	A	A	A	A
PZE-107106472	A	A	A	A	A	A	A	A
PZE-107107154	C	C	C	C	C	C	C	C
PZE-107108370	G	G	G	G	G	G	G	G
PZE-107108610	C	C	C	C	C	C	C	C
PZE-107109140	T	T	T	T	T	T	T	T
PZE-107110823	T	T	T	T	T	T	T	T
PZE-106000115	A	A	A	A	A	A	A	A
PZE-107110888	G	G	G	G	G	G	G	G
PZE-107111553	A	A	A	A	A	A	A	A
PZE-107111593	A	A	A	A	A	A	A	A
PZE-107112738	C	C	C	C	C	C	C	C
PZE-107112903	A	A	A	A	A	A	A	A
PZE-107113180	C	C	C	C	C	C	C	C
PZE-107113197	G	G	G	G	G	G	G	G
PZE-106000711	C	C	C	C	C	C	C	C
PZE-105162987	G	G	G	G	G	G	G	G
PZE-107113712	T	T	T	T	T	T	T	T
PZE-107113723	T	T	T	T	T	T	T	T
PZE-107115559	C	C	C	C	C	C	C	C

PZE-105163109	T	T	T	T	T	T	T	T
PZE-107116741	G	G	G	G	G	G	G	G
PZE-107117400	T	T	T	T	T	T	T	T
PZE-107118197	T	T	T	T	T	T	T	T
PZE-105165300	T	T	T	T	T	T	T	T
PZE-107091745	A	A	A	A	A	A	A	A
PZE-107093420	C	C	C	C	C	C	C	C
PZE-105171747	C	C	A	A	C	C	A	A
PZE-105172983	C	C	C	C	C	C	C	C
PZE-101000349	T	T	T	T	T	T	T	T
PZE-101000360	C	C	C	C	C	C	C	C
PZE-101034578	T	T	T	T	T	T	T	T
PZE-101035341	A	A	A	A	A	A	A	A
PZE-101030261	T	T	T	T	T	T	T	T
PZE-101036318	G	G	G	G	G	G	G	G
PZE-101036423	C	C	C	C	C	C	C	C
PZE0006607533	C	C	T	T	C	C	C	C
PZE-101013713	T	T	T	T	T	T	T	T
PZE-101013818	T	T	T	T	T	T	T	T
PZE-101015471	G	G	G	G	G	G	G	G
PZE-101016495	C	C	C	C	C	C	T	T
PZE-101021986	G	G	G	G	G	G	G	G
PZE-101024131	A	A	A	A	A	A	A	A
PZE-101016971	C	C	C	C	C	C	C	C
PZE-101017187	G	G	G	G	G	G	G	G
PZE-101043189	G	G	G	G	G	G	G	G
PZE-101024779	A	A	A	A	A	A	A	A
PZE-101030925	G	G	G	G	G	G	G	G
PZE-101043600	T	T	T	T	T	T	T	T
PZE-101075379	G	G	G	G	G	G	G	G
PZE-101085771	T	T	T	T	T	T	T	T
PZE-100000219	T	T	T	T	T	T	T	T
PZE-101001044	G	G	G	G	G	G	G	G
PZE-101001103	T	T	T	T	T	T	T	T
PZE-101036862	G	G	G	G	G	G	G	G
PZE-101037191	A	A	A	A	A	A	A	A
PZE-101017463	A	A	A	A	A	A	A	A
PZE-101017779	C	C	C	C	C	C	C	C
PZE-101018199	A	A	A	A	A	A	A	A
PZE-101026096	T	T	T	T	T	T	T	T
PZE-101026206	G	G	G	G	G	G	G	G
PZE-101026314	G	G	G	G	G	G	G	G
PZE-101050072	G	G	G	G	G	G	G	G
PZE-101050128	G	G	G	G	G	G	G	G
PZE-101050289	C	C	C	C	C	C	C	C
PZE-101050298	T	T	T	T	T	T	T	T
PZE-101027125	G	G	G	G	G	G	G	G
PZE-101045111	T	T	T	T	T	T	T	T

PZE-101032015	A	A	A	A	A	A	A	A
PZE-101086287	G	G	G	G	G	G	G	G
PZE-101098936	A	A	A	A	A	A	G	G
PZE-101037854	G	G	G	G	G	G	G	G
PZE-100001123	C	C	C	C	C	C	C	C
PZE-101003135	C	C	C	C	A	A	A	A
PZE-101003785	A	A	A	A	A	A	A	A
PZE-101004337	T	T	T	T	T	T	T	T
PZE-101004580	G	G	G	G	G	G	G	G
PZE-101005008	A	A	A	A	A	A	A	A
PZE-101005765	T	T	T	T	T	T	T	T
PZE-101005766	T	T	T	T	T	T	T	T
PZE-101006890	A	A	A	A	A	A	A	A
PZE-101039351	G	G	G	G	G	G	G	G
PZE-101039440	G	G	G	G	G	G	G	G
PZE-101039624	G	G	G	G	G	G	G	G
PZE-101039648	C	C	C	C	C	C	C	C
PZE-101019726	C	C	C	C	C	C	C	C
PZE-101043656	C	C	C	C	C	C	C	C
PZE-101048629	T	T	T	T	T	T	T	T
PZE-101048744	T	T	T	T	T	T	T	T
PZE-101048890	A	A	A	A	A	A	A	A
PZE-101049120	A	A	A	A	A	A	A	A
PZE-101032991	C	C	C	C	C	C	C	C
PZE-101040607	A	A	A	A	A	A	A	A
PZE-101040619	A	A	A	A	A	A	A	A
PZE-101044778	T	T	T	T	T	T	T	T
PZE-101034091	G	G	G	G	G	G	G	G
PZE-100001428	A	A	A	A	A	A	G	G
PZE-101009528	T	T	T	T	T	T	T	T
PZE-101009538	G	G	G	G	G	G	G	G
PZE-101011048	C	C	C	C	C	C	T	T
PZE-101019728	C	C	C	C	C	C	C	C
PZE-101021455	C	C	C	C	C	C	C	C
PZE-101021479	G	G	G	G	G	G	G	G
PZE-101029737	A	A	A	A	A	A	A	A
PZE-101029759	A	A	A	A	A	A	A	A
PZE-101041178	C	C	C	C	C	C	C	C
PZE-101021926	C	C	C	C	C	C	C	C
PZE-101047239	A	A	A	A	A	A	A	A
PZE-101047696	C	C	C	C	C	C	C	C
PZE-101002887	C	C	C	C	A	A	A	A
PZE-101002919	T	T	T	T	T	T	T	T
PZE-101003133	A	A	A	A	G	G	G	G
PZE-101038268	C	C	C	C	C	C	C	C
PZE-101039024	A	A	A	A	A	A	A	A
PZE-101039198	A	A	A	A	A	A	A	A
PZE-101122614	G	G	G	G	G	G	G	G

PZE-101138093	G	G	G	G	G	G	G	G
PZE-101129119	A	A	A	A	A	A	A	A
PZE-101130820	C	C	C	C	C	C	C	C
PZE-101116920	C	C	C	C	C	C	C	C
PZE-101117018	C	C	C	C	C	C	C	C
PZE-101109763	A	A	A	A	A	A	A	A
PZE-101118670	T	T	T	T	T	T	T	T
PZE-101141819	A	A	A	A	A	A	A	A
PZE-101141826	C	C	C	C	C	C	C	C
PZE-101141959	A	A	A	A	A	A	A	A
PZE-101105979	G	G	G	G	G	G	G	G
PZE-101124894	C	C	C	C	C	C	C	C
PZE-101126587	C	C	C	C	C	C	C	C
PZE-101111667	G	G	G	G	G	G	A	A
PZE-101120831	A	A	A	A	A	A	G	G
PZE-101120839	A	A	A	A	A	A	A	A
PZE-101123210	A	A	A	A	A	A	C	C
PZE-101134523	A	A	A	A	A	A	A	A
PZE-101134573	C	C	C	C	C	C	C	C
PZE-101140619	C	C	C	C	C	C	C	C
PZE-101113716	G	G	G	G	G	G	G	G
PZE-101108224	T	T	T	T	T	T	T	T
PZE-101109787	T	T	T	T	T	T	T	T
PZE-101117251	T	T	T	T	T	T	T	T
PZE-101137544	C	C	C	C	C	C	C	C
PZE-101117617	G	G	G	G	G	G	G	G
PZE-101127173	T	T	T	T	T	T	C	C
PZE-101112285	G	G	G	G	G	G	G	G
PZE-101112384	A	A	A	A	A	A	A	A
PZE-101139638	A	A	A	A	A	A	A	A
PZE-101139952	A	A	A	A	A	A	A	A
PZE-101140277	T	T	T	T	T	T	T	T
PZE-101121859	C	C	C	C	C	C	C	C
PZE-101122861	C	C	C	C	C	C	C	C
PZE-101108844	T	T	T	T	T	T	T	T
PZE-101129564	A	A	A	A	A	A	A	A
PZE-101110859	T	T	T	T	T	T	T	T
PZE-101111015	C	C	C	C	C	C	T	T
PZE-101104938	A	A	A	A	A	A	A	A
PZE-101105288	C	C	C	C	C	C	C	C
PZE-101105381	G	G	G	G	G	G	A	A
PZE-101132703	G	G	G	G	G	G	G	G
PZE-101126017	T	T	T	T	T	T	T	T
PZE-101120159	C	C	C	C	a	c	A	A
PZE-101112660	T	T	T	T	T	T	T	T
PZE-101133204	A	A	A	A	A	A	A	A
PZE-101135433	C	C	C	C	C	C	C	C
PZE-101135589	C	C	C	C	C	C	C	C

PZE-101128150	G	G	G	G	G	G	G	G
PZE-101122121	T	T	T	T	T	T	T	T
PZE-101122455	G	G	G	G	G	G	G	G
PZE-101107243	T	T	T	T	T	T	T	T
PZE-101136154	G	G	G	G	G	G	G	G
PZE-101138790	C	C	C	C	C	C	C	C
PZE-101118063	G	G	G	G	G	G	G	G
PZE-101111508	C	C	C	C	C	C	T	T
PZE-101124545	C	C	C	C	C	C	C	C
PZE-101124548	A	A	A	A	A	A	A	A
PZE-101085101	C	C	C	C	C	C	G	G
PZE-101077314	T	T	T	T	T	T	T	T
PZE-101077491	C	C	C	C	C	C	C	C
PZE-101087443	C	C	C	C	C	C	T	T
PZE-101087503	G	G	G	G	G	G	G	G
PZE-101091544	G	G	G	G	G	G	G	G
PZE-101082523	A	A	A	A	A	A	A	A
PZE-101082552	A	A	A	A	A	A	A	A
PZE-101082812	G	G	G	G	G	G	G	G
PZE-101094236	G	G	G	G	G	G	G	G
PZE-101094324	G	G	G	G	G	G	A	A
PZE-101097716	T	T	T	T	T	T	G	G
PZE-101055749	C	C	C	C	G	G	G	G
PZE-101094574	G	G	G	G	G	G	A	A
PZE-101094823	A	A	A	A	A	A	G	G
PZE-101102819	A	A	A	A	A	A	G	G
PZE-101056007	G	G	G	G	G	G	G	G
PZE-101056681	G	G	G	G	G	G	G	G
PZE-101056684	C	C	C	C	C	C	C	C
PZE-101100477	G	G	G	G	G	G	G	G
PZE-101100521	C	C	C	C	C	C	T	T
PZE-101103937	G	G	G	G	G	G	G	G
PZE-101065758	G	G	G	G	G	G	G	G
PZE-101066217	C	C	C	C	C	C	C	C
PZE-101103230	T	T	T	T	T	T	T	T
PZE-101060930	C	C	C	C	C	C	C	C
PZE-101061114	G	G	G	G	G	G	G	G
PZE-101077670	T	T	T	T	T	T	T	T
PZE-101077867	C	C	C	C	C	C	C	C
PZE-101071162	T	T	T	T	T	T	T	T
PZE-101071289	A	A	A	A	A	A	A	A
PZE-101083407	T	T	T	T	C	C	C	C
PZE-101123450	A	A	A	A	A	A	A	A
PZE-101078026	C	C	C	C	C	C	C	C
PZE-101080712	A	A	A	A	A	A	A	A
PZE-101080857	T	T	T	T	T	T	T	T
PZE-101092187	C	C	C	C	C	C	A	A
PZE-101132110	C	C	C	C	C	C	C	C

PZE-101132310	T	T	T	T	T	T	T	T
PZE-101088395	A	A	A	A	A	A	A	A
PZE-101062072	C	C	C	C	C	C	C	C
PZE-101062246	C	C	C	C	C	C	C	C
PZE-101062642	G	G	G	G	G	G	G	G
PZE-101066516	T	T	T	T	T	T	T	T
PZE-101066537	G	G	G	G	G	G	G	G
PZE-101101780	G	G	G	G	G	G	G	G
PZE-101101922	C	C	C	C	C	C	T	T
PZE-101062970	A	A	A	A	A	A	A	A
PZE-101063074	A	A	A	A	A	A	A	A
PZE-101078745	T	T	T	T	T	T	T	T
PZE-101071897	G	G	G	G	G	G	G	G
PZE-101106713	A	A	A	A	A	A	A	A
PZE-101106788	T	T	T	T	T	T	T	T
PZE-101081568	G	G	G	G	T	T	T	T
PZE-101083942	G	G	G	G	G	G	G	G
PZE-101083968	C	C	C	C			G	G
PZE-101089347	C	C	C	C	C	C	A	A
PZE-101089397	G	G	G	G	G	G	G	G
PZE-101093639	G	G	G	G	G	G	A	A
PZE-101093667	C	C	C	C	C	C	C	C
PZE-101096065	C	C	C	C	C	C	T	T
PZE-101096127	T	T	T	T	T	T	T	T
PZE-101099263	A	A	A	A	A	A	G	G
PZE-101104637	C	C	C	C	C	C	C	C
PZE-101063328	C	C	C	C	C	C	C	C
PZE-101101518	C	C	C	C	C	C	C	C
PZE-101067788	T	T	T	T	T	T	T	T
PZE-101054047	C	C	C	C	C	C	C	C
PZE-101054457	A	A	A	A	A	A	A	A
PZE-101064477	A	A	A	A	A	A	A	A
PZE-101079844	A	A	A	A			G	G
PZE-101081679	T	T	T	T	T	T	T	T
PZE-101073380	C	C	C	C	C	C	C	C
PZE-101084096	A	A	A	A			C	C
PZE-101076732	T	T	T	T	T	T	T	T
PZE-101086606	G	G	G	G	G	G	A	A
PZE-101090535	C	C	C	C	C	C	C	C
PZE-101081882	G	G	G	G	G	G	G	G
PZE-101093863	A	A	A	A	A	A	C	C
PZE-101086985	A	A	A	A	A	A	A	A
PZE-101090870	A	A	A	A	A	A	A	A
PZE-101094155	A	A	A	A	A	A	G	G
PZE-101096958	G	G	G	G	G	G	G	G
PZE-101058312	G	G	G	G	G	G	G	G
PZE-101058806	A	A	A	A	A	A	A	A
PZE-101064766	G	G	G	G	G	G	G	G

PZE-101064875	A	A	A	A	A	A	A	A
PZE-101073495	G	G	G	G	G	G	G	G
PZE-101073696	T	T	T	T	T	T	T	T
PZE-101059325	A	A	A	A	A	A	A	A
PZE-101059784	G	G	G	G	G	G	G	G
PZE-101077213	C	C	C	C	C	C	C	C
PZE-101080379	G	G	G	G	G	G	G	G
PZE-101069307	C	C	C	C	C	C	C	C
PZE-101069763	T	T	T	T	T	T	T	T
PZE-101074049	C	C	C	C	C	C	C	C
PZE-102000079	G	G	G	G	G	G	G	G
PZE-102041532	G	G	G	G	G	G	G	G
PZE-102041819	C	C	C	C	C	C	C	C
PZE-101213233	A	A	A	A	A	A	G	G
PZE-102051157	T	T	T	T	T	T	T	T
PZE-101215826	T	T	C	C	C	C		
PZE-101216412	A	A	A	A	A	A	A	A
PZE-101216563	G	G	G	G	G	G	G	G
PZE-102037541	A	A	G	G	G	G	G	G
PZE-102055209	C	C	C	C	C	C	C	C
PZE-102043277	A	A	A	A	A	A	A	A
PZE-102043341	A	A	A	A	A	A	A	A
PZE-101206740	A	A	A	A	A	A	A	A
PZE-101236182	C	C	C	C	C	C	C	C
PZE-101236380	G	G	G	G	G	G	G	G
PZE-101236600	G	G	G	G	G	G	G	G
PZE-101237390	C	C	C	C	C	C	C	C
PZE-101237862	G	G	G	G	G	G	G	G
PZE-101237912	G	G	G	G	G	G	G	G
PZE-101217291	A	A	A	A	A	A	A	A
PZE-101244344	T	T	T	T	T	T	T	T
PZE-101244646	A	A	A	A	A	A	A	A
PZE-101245575	C	C	C	C	C	C	C	C
PZE-101220442	T	T	T	T	T	T	T	T
PZE-101221649	C	C	C	C	C	C	C	C
PZE-101207166	T	T	T	T	T	T	T	T
PZE-101207892	A	A	A	A	A	A	A	A
PZE-101208074	C	C	C	C	C	C	C	C
PZE-101226363	G	G	T	T	G	G	T	T
PZE-102017134	A	A	A	A	A	A	A	A
PZE-102028065	C	C	C	C	C	C	C	C
PZE-102029329	C	C	C	C	C	C	C	C
PZE-102029697	C	C	C	C	C	C	A	A
PZE-102029739	C	C	C	C	C	C	C	C
PZE-101253359	T	T	T	T	T	T	G	G
PZE-101253379	C	C	C	C	C	C	C	C
PZE-101227262	A	A	A	A	A	A	A	A
PZE-102000441	A	A	A	A	A	A	G	G

PZE-102047767	C	C	C	C	C	C	C	C
PZE-102048060	A	A	A	A	A	A	A	A
PZE-102053654	A	A	A	A	A	A	A	A
PZE-102053822	C	C	C	C	C	C	C	C
PZE-101255156	A	A	A	A	A	A	A	A
PZE-102037806	G	G	T	T	T	T	G	G
PZE-102038546	T	T	C	C	C	C	C	C
PZE-101208775	A	A	A	A	A	A	A	A
PZE-101208921	G	G	G	G	G	G	G	G
PZE-101227493	A	A	A	A	A	A	A	A
PZE-101213558	G	G	G	G	G	G	G	G
PZE-101217941	G	G	G	G	G	G	G	G
PZE-102057353	A	A	A	A	A	A	A	A
PZE-102058006	C	C	C	C	C	C	C	C
PZE-102058138	T	T	T	T	T	T	T	T
PZE-102005684	T	T	T	T	T	T	G	G
PZE-102005843	T	T	T	T	T	T	T	T
PZE-102006128	T	T	T	T	T	T	T	T
PZE-101239112	T	T	T	T	T	T	T	T
PZE-101239143	C	C	C	C	C	C	C	C
PZE-101240080	T	T	T	T	T	T	T	T
PZE-101218765	G	G	G	G	G	G	G	G
PZE-101246274	G	G	G	G	G	G	G	G
PZE-101246842	T	T	T	T	T	T	T	T
PZE-101247096	C	C	C	C	C	C	C	C
PZE-101248001	T	T	T	T	T	T	T	T
PZE-101222142	C	C	T	T	C	C	T	T
PZE-102000839	G	G	G	G	G	G	T	T
PZE-102000846	C	C	C	C	C	C	C	C
PZE-102043638	T	T	T	T	T	T	T	T
PZE-102018100	T	T	T	T	T	T	T	T
PZE-102019280	G	G	G	G	G	G	G	G
PZE-102030702	T	T	T	T	T	T	T	T
PZE-102030819	G	G	G	G	G	G	C	C
PZE-102031503	A	A	A	A	A	A	A	A
PZE-101222687	C	C	C	C	C	C	C	C
PZE-101255595	C	C	C	C	C	C	C	C
PZE-101255854	T	T	T	T	T	T	C	C
PZE-101256290	G	G	G	G	G	G	G	G
PZE-101228874	G	G	G	G	G	G	G	G
PZE-102002492	A	A	A	A	A	A	A	A
PZE-102003235	C	C	C	C	C	C	C	C
PZE-102003236	C	C	C	C	C	C	C	C
PZE-102049009	G	G	G	G	G	G	G	G
PZE-102049305	A	A	A	A	A	A	A	A
PZE-102032347	T	T	T	T	T	T	C	C
PZE-102056984	A	A	A	A	A	A	A	A
PZE-102057004	A	A	A	A	A	A	A	A

PZE-101256370	C	C	C	C	C	C	C	C
PZE-101256470	A	A	A	A	A	A	A	A
PZE-102045819	G	G	G	G	G	G	G	G
PZE-101210110	G	G	G	G	G	G	A	A
PZE-101215024	c	g	C	C	C	C	G	G
PZE-101218966	T	T	T	T	T	T	T	T
PZE-102052716	C	C	C	C	C	C	C	C
PZE-102052725	T	T	T	T	T	T	T	T
PZE-102044689	T	T	C	C	C	C	C	C
PZE-101208396	G	G	G	G	G	G	G	G
PZE-101215279	T	T	T	T	T	T	C	C
PZE-101240622	A	A	A	A	A	A	A	A
PZE-101241048	C	C	C	C	C	C	C	C
PZE-101241488	G	G	G	G	G	G	G	G
PZE-101242552	C	C	C	C	C	C	C	C
PZE-101249157	G	G	G	G	G	G	G	G
PZE-102053243	A	A	A	A	A	A	A	A
PZE-101222779	T	T	T	T	T	T	T	T
PZE-102007615	T	T	T	T	T	T	T	T
PZE-102009755	A	A	G	G	A	A	G	G
PZE-102009795	C	C	T	T	C	C	C	C
PZE-102011868	G	G	G	G	G	G	G	G
PZE-102021398	G	G	G	G	G	G	G	G
PZE-102021400	T	T	T	T	T	T	G	G
PZE-102021451	T	T	T	T	T	T	T	T
PZE-102022207	T	T	T	T	T	T	T	T
PZE-102023608	T	T	T	T	T	T	T	T
PZE-101249703	T	T	T	T	T	T	T	T
PZE-102033041	C	C	C	C	C	C	T	T
PZE-102033535	T	T	T	T	T	T	T	T
PZE-102033544	G	G	G	G	G	G	A	A
PZE-102046980	G	G	G	G	G	G	G	G
PZE-101210734	A	A	A	A	A	A	A	A
PZE-102056416	T	T	T	T	T	T	T	T
PZE-102035734	C	C	C	C			C	C
PZE-102051933	G	G	G	G	G	G	G	G
PZE-102039914	A	A	A	A	A	A	A	A
PZE-102039992	G	G	G	G	G	G	G	G
PZE-102040493	T	T	C	C	C	C	T	T
PZE-101210761	C	C	C	C	C	C	T	T
PZE-101215649	G	G	G	G	G	G	G	G
PZE-101205964	C	C	C	C	C	C	C	C
PZE-101206289	T	T	T	T	T	T	T	T
PZE-101234638	T	T	T	T	T	T	T	T
PZE-101234718	T	T	T	T	T	T	T	T
PZE-101235826	T	T	T	T	T	T	T	T
PZE-101215804	C	C	C	C	C	C	C	C
PZE-101242713	A	A	A	A	A	A	A	A

PZE-101220149	T	T	T	T	T	T	T	T
PZE-101250560	C	C	C	C	C	C	C	C
PZE-101250840	G	G	G	G	G	G	G	G
PZE-101251367	T	T	T	T	T	T	T	T
PZE-101251928	G	G	G	G	G	G	G	G
PZE-101224534	T	T	C	C	C	C	C	C
PZE-102014212	G	G	G	G	G	G	G	G
PZE-101244043	T	T	T	T	T	T	T	T
PZE-102025619	T	T	T	T	T	T	T	T
PZE-102026049	A	A	A	A	A	A	A	A
PZE-101252072	G	G	G	G	G	G	G	G
PZE-102036053	A	A	A	A	A	A	A	A
PZE-102037030	C	C	C	C	C	C	C	C
PZE-102037264	A	A	G	G	G	G	A	A
PZE-101225496	T	T	G	G	T	T	G	G
PZE-102047571	T	T	T	T	T	T	T	T
PZE-101212116	G	G	G	G	G	G	G	G
PZE-102049973	T	T	T	T	T	T	T	T
PZE-102050762	G	G	G	G	G	G	G	G
PZE-102050935	T	T	T	T	T	T	T	T
PZE-101191790	G	G	G	G	G	G	G	G
PZE-101192133	G	G	G	G	G	G	G	G
PZE-101195890	A	A	A	A	A	A	A	A
PZE-101196709	T	T	T	T	T	T	T	T
PZE-101151184	A	A	A	A	A	A	A	A
PZE-101203754	A	A	G	G	G	G	A	A
PZE-101151332	T	T	T	T	T	T	T	T
PZE-101151522	A	A	A	A	A	A	A	A
PZE-101151991	A	A	A	A	A	A	A	A
PZE-101152052	G	G	G	G	G	G	G	G
PZE-101169867	G	G	G	G	G	G	G	G
PZE-101204621	G	G	G	G	G	G	G	G
PZE-101204728	T	T	T	T	T	T	T	T
PZE-101156601	T	T	T	T	T	T	T	T
PZE-101157038	C	C	A	A	A	A	A	A
PZE-101162447	T	T	T	T	T	T	T	T
PZE-101163046	A	A	A	A	A	A	A	A
PZE-101163233	G	G	G	G	G	G	G	G
PZE-101181366	T	T	T	T	T	T	T	T
PZE-101170476	T	T	T	T	T	T	T	T
PZE-101170828	A	A	A	A	A	A	A	A
PZE-101174204	C	C	C	C	C	C	C	C
PZE-101174451	C	C	C	C	C	C	C	C
PZE-101174535	A	A	A	A	A	A	A	A
PZE-101195957	A	A	A	A	A	A	A	A
PZE-101185810	A	A	A	A	A	A	A	A
PZE-101186294	A	A	A	A	A	A	A	A
PZE-101186536	C	C	C	C	C	C	C	C

PZE-101188920	A	A	C	C	C	C	C	C
PZE-101189231	T	T	T	T	T	T	T	T
PZE-101189338	G	G	G	G	G	G	G	G
PZE-101163953	A	A	A	A	A	A	A	A
PZE-101164237	G	G	G	G	G	G	G	G
PZE-101178021	C	C	C	C	C	C	T	T
PZE-101196242	T	T	T	T	T	T	T	T
PZE-101147225	C	C	C	C	C	C	C	C
PZE-101147229	C	C	C	C	C	C	C	C
PZE-101201940	G	G	G	G	G	G	G	G
PZE-101189600	C	C	A	A	A	A	A	A
PZE-101201219	C	C	C	C	C	C	C	C
PZE-101201288	C	C	C	C	C	C	C	C
PZE-101193867	T	T	T	T	T	T	T	T
PZE-101194070	C	C	C	C	C	C	C	C
PZE-101194502	A	A	A	A	A	A	A	A
PZE-101231817	C	C	C	C			C	C
PZE-101148237	A	A	A	A	A	A	A	A
PZE-101148449	A	A	A	A	A	A	A	A
PZE-101166754	T	T	T	T	T	T	T	T
PZE-101153556	G	G	G	G	G	G	G	G
PZE-101201711	G	G	G	G	G	G	G	G
PZE-101158547	C	C	C	C	C	C	C	C
PZE-101158959	C	C	C	C	C	C	C	C
PZE-101159305	G	G	G	G	G	G	G	G
PZE-101159556	C	C	C	C	C	C	C	C
PZE-101144216	C	C	G	G	G	G		
PZE-101144248	G	G	A	A	A	A	A	A
PZE-101167434	G	G	G	G	G	G	G	G
PZE-101167577	C	C	C	C	C	C	C	C
PZE-101167706	A	A	A	A	A	A	A	A
PZE-101171300	T	T	T	T	T	T	T	T
PZE-101171655	G	G	G	G	G	G	G	G
PZE-101171667	G	G	G	G	G	G	G	G
PZE-101186723	A	A	A	A	A	A	A	A
PZE-101159840	A	A	A	A	A	A	A	A
PZE-101182606	C	C	C	C	C	C	C	C
PZE-101182771	T	T	T	T	T	T	T	T
PZE-101198848	T	T	T	T	T	T	G	G
PZE-101186898	C	C	C	C	C	C	C	C
PZE-101187674	C	C	T	T	T	T	T	T
PZE-101189834	C	C	T	T	T	T	T	T
PZE-101233132	G	G	G	G	G	G	G	G
PZE-101233287	C	C	C	C	C	C	C	C
PZE-102006513	A	A	A	A	A	A	A	A
PZE-102007336	C	C	C	C	C	C	C	C
PZE-101199324	T	T	T	T	T	T	T	T
PZE-101199858	C	C	C	C	C	C	C	C

PZE-101199859	T	T	T	T	T	T	T	T
PZE-101200147	C	C	C	C	C	C	C	C
PZE-101200344	T	T	T	T	T	T	T	T
PZE-101190026	T	T	T	T	T	T	T	T
PZE-101190037	A	A	A	A	A	A	A	A
PZE-101190155	C	C	C	C	C	C	C	C
PZE-101198633	A	A	A	A	A	A	G	G
PZE-101144427	A	A	C	C	C	C	C	C
PZE-101144838	T	T	T	T	T	T	T	T
PZE-101144895	A	A	C	C	C	C	C	C
PZE-101163518	G	G	G	G	G	G	G	G
PZE-101163755	T	T	T	T	T	T	T	T
PZE-101149139	C	C	C	C	C	C	C	C
PZE-101154097	C	C	C	C	C	C	C	C
PZE-101154189	G	G	G	G	G	G	G	G
PZE-101154578	A	A	G	G	G	G	G	G
PZE-101154881	T	T	T	T	T	T	T	T
PZE-101160390	G	G	G	G	G	G	G	G
PZE-101178657	C	C	C	C	C	C	T	T
PZE-101178662	A	A	A	A	A	A	G	G
PZE-101172239	G	G	G	G	G	G	G	G
PZE-101172710	T	T	T	T	T	T	T	T
PZE-101179591	G	G	G	G	G	G	G	G
PZE-101179918	C	C	C	C	C	C	C	C
PZE-101194703	G	G	G	G	G	G	G	G
PZE-101183799	A	A	A	A	A	A	A	A
PZE-101190568	G	G	G	G	G	G	G	G
PZE-101145417	C	C	C	C	C	C	C	C
PZE-101145494	C	C	C	C	C	C	C	C
PZE-101205609	G	G	G	G	G	G	G	G
PZE-101205714	C	C	C	C	C	C	C	C
PZE-101149961	T	T	T	T	T	T	T	T
PZE-101197699	T	T	T	T	T	T	T	T
PZE-101142189	C	C	C	C	C	C	C	C
PZE-101142488	G	G	G	G	G	G	G	G
PZE-101145687	C	C	C	C	C	C	C	C
PZE-101145790	A	A	A	A	A	A	A	A
PZE-101155681	C	C	A	A	A	A	A	A
PZE-101155708	C	C	T	T	T	T	T	T
PZE-101143217	A	A	A	A	A	A	A	A
PZE-101143233	G	G	G	G	G	G	G	G
PZE-101161094	T	T	T	T	T	T	T	T
PZE-101161103	T	T	T	T	T	T	T	T
PZE-101165802	C	C	C	C	C	C	C	C
PZE-101169494	G	G	G	G	G	G	G	G
PZE-101169539	T	T	T	T	T	T	T	T
PZE-101173330	A	A	A	A	A	A	G	G
PZE-101161883	T	T	T	T	T	T	T	T

PZE-101180803	C	C	C	C	C	C	C	C
PZE-101181158	A	A	A	A	A	A	A	A
PZE-101195407	A	A	A	A	A	A	A	A
PZE-101195479	C	C	C	C	C	C	C	C
PZE-101185029	A	A	A	A	A	A	A	A
PZE-101173927	G	G	G	G	G	G	G	G
PZE-101176809	C	C	C	C	C	C	C	C
PZE-101177112	G	G	G	G	G	G	G	G
PZE-101191608	C	C	C	C	C	C	C	C
PZE-102123089	C	C	C	C	C	C	C	C
PZE-102119646	C	C	C	C	C	C	C	C
PZE-102119691	C	C	C	C	C	C	C	C
PZE-102101316	C	C	C	C	C	C	C	C
PZE-102126084	C	C	C	C	C	C	C	C
PZE-102102239	C	C	C	C	C	C	C	C
PZE-102098071	G	G	G	G	G	G	G	G
PZE-102104129	G	G	G	G	G	G	G	G
PZE-102104155	A	A	A	A	A	A	A	A
PZE-102116295	G	G	G	G	G	G	G	G
PZE-102116344	C	C	C	C	C	C	C	C
PZE-102116447	T	T	T	T	T	T	T	T
PZE-102104318	A	A	A	A	A	A	A	A
PZE-102112161	A	A	A	A	A	A	A	A
PZE-102112249	T	T	T	T	T	T	T	T
PZE-102114374	A	A	A	A	A	A	A	A
PZE-102121608	A	A	A	A	A	A	A	A
PZE-102116675	C	C	C	C	C	C	C	C
PZE-102124387	C	C	C	C	C	C	C	C
PZE-102100073	C	C	C	C	C	C	C	C
PZE-102101395	C	C	C	C	C	C	C	C
PZE-102128794	A	A	A	A	A	A	A	A
PZE-102129070	A	A	A	A	A	A	A	A
PZE-102120321	T	T	T	T	T	T	T	T
PZE-102100460	C	C	C	T	C	C	C	C
PZE-102101624	A	A	A	A	A	A	A	A
PZE-102108296	A	A	A	A	A	A	A	A
PZE-102106394	T	T	T	T	T	T	T	T
PZE-102114559	A	A	A	A	A	A	A	A
PZE-102110333	C	C	C	C	C	C	C	C
PZE-102110466	A	A	A	A	A	A	A	A
PZE-102112686	A	A	A	A	A	A	A	A
PZE-102112805	T	T	T	T	T	T	T	T
PZE-102121940	G	G	G	G	G	G	G	G
PZE-102117012	T	T	T	T	T	T	T	T
PZE-102127730	T	T	T	T	T	T	T	T
PZE-102122508	A	A	A	A	A	A	A	A
PZE-102118767	C	C	C	C	C	C	C	C
PZE-102123907	A	A	A	A	A	A	A	A

PZE-102123949	G	G	G	G	G	G	G	G
PZE-102106504	T	T	G	T	T	T	T	T
PZE-102102981	T	T	T	T	T	T	T	T
PZE-102103212	G	G	G	G	G	G	G	G
PZE-102107035	G	G	G	G	G	G	G	G
PZE-102115690	C	C	C	C	C	C	C	C
PZE-102109182	A	A	A	A	A	A	A	A
PZE-102111172	T	T	T	T	T	T	T	T
PZE-102111257	C	C	C	C	C	C	C	C
PZE-102120959	C	C	C	C	C	C	C	C
PZE-102115836	C	C	C	C	C	C	C	C
PZE-102126512	G	G	G	G	G	G	G	G
PZE-102123500	A	A	A	A	A	A	A	A
PZE-102100964	T	T	C	C	T	T	T	T
PZE-102097345	T	T	T	T	T	T	T	T
PZE-102105564	A	A	A	T	A	A	A	A
PZE-102105806	C	C	C	C	C	C	C	C
PZE-102107631	A	A	A	A	A	A	A	A
PZE-102109861	A	A	A	A	A	A	A	A
PZE-102117667	C	C	C	C	C	C	C	C
PZE-102113484	A	A	A	A	A	A	A	A
PZE-102121137	C	C	C	C	C	C	C	C
PZE-102122877	G	G	G	G	G	G	G	G
PZE-102122892	A	A	A	A	A	A	A	A
PZE-102090752	C	C	T	T	C	C	C	C
PZE-102078110	G	G	G	G	G	G	G	G
PZE-102078384	T	T	T	T	T	T	T	T
PZE-102086050	G	G	A	A	G	G	G	G
PZE-102080478	C	C	C	C	C	C	C	C
PZE-102080513	C	C	C	C	C	C	C	C
PZE-102090914	G	G	G	G	G	G	G	G
PZE-102060229	C	C	C	C	C	C	C	C
PZE-102088058	G	G	G	G	G	G	G	G
PZE-102089752	G	G	G	G	G	G	G	G
PZE-102096215	A	A	A	A	A	A	A	A
PZE-102092948	G	G	G	G	G	G	G	G
PZE-102096469	T	T	C	C	T	T	T	T
PZE-102096590	A	A	G	G	A	A	A	A
PZE-102084461	A	A	A	A	A	A	A	A
PZE-102069195	A	A	A	A	A	A	A	A
PZE-102073041	G	G	G	G	G	G	G	G
PZE-102061615	C	C	C	C	C	C	C	C
PZE-102076654	G	G	G	G	G	G	G	G
PZE-102076812	A	A	G	G	A	A	A	A
PZE-102078883	A	A	G	G	A	A	A	A
PZE-102082835	T	T	T	T	T	T	T	T
PZE-102088558	C	C	T	T	C	C	C	C
PZE-102094583	T	T	T	T	T	T	T	T

PZE-102091035	A	A	A	A	A	A	A	A
PZE-102069907	C	C	C	C	C	C	C	C
PZE-102069908	T	T	T	T	T	T	T	T
PZE-102070399	C	C	C	C	C	C	C	C
PZE-102073763	G	G	G	G	G	G	G	G
PZE-102084750	A	A	A	A	A	A	A	A
PZE-102065811	G	G	G	G	G	G	G	G
PZE-102070496	G	G	A	A	G	G	G	G
PZE-102082838	A	A	A	A	A	A	A	A
PZE-102105434	T	T	T	T	T	T	T	T
PZE-102090176	C	C	T	T	C	C	C	C
PZE-102091283	G	G	G	G	G	G	G	G
PZE-102061118	G	G	G	G	G	G	G	G
PZE-102061320	A	A	A	A	A	A	A	A
PZE-102087077	T	T	G	G	T	T	T	T
PZE-102094252	C	C	C	C	C	C	C	C
PZE-102093482	C	C	T	T	C	C	C	C
PZE-101210179	T	T	T	T	T	T	T	T
PZE-101229884	A	A	A	A	A	A	A	A
PZE-101229904	C	C	C	C	A	A	C	C
PZE-102066476	G	G	G	G	G	G	G	G
PZE-102074542	C	C	C	C	C	C	C	C
PZE-101230537	G	G	G	G	G	G	G	G
PZE-101231475	A	A	A	A	A	A	A	A
PZE-101231477	A	A	A	A			A	A
PZE-102077128	A	A	A	A	A	A	A	A
PZE-102079812	T	T	C	C	T	T	T	T
PZE-102071145	C	C	T	T	C	C	C	C
PZE-102075415	C	C	C	C	C	C	C	C
PZE-102085416	G	G	G	G	G	G	G	G
PZE-102080019	A	A	G	G	A	A	A	A
PZE-102087125	G	G	A	A	G	G	G	G
PZE-102089051	G	G	G	G	G	G	G	G
PZE-102091771	T	T	T	T	T	T	T	T
PZE-102091834	G	G	G	G	G	G	G	G
PZE-102087526	T	T	C	C	T	T	T	T
PZE-102093139	G	G	T	T	G	G	G	G
PZE-102062050	T	T	T	T	T	T	T	T
PZE-102062629	T	T	C	C	T	T	T	T
PZE-102067907	A	A	A	A	A	A	A	A
PZE-102068514	G	G	A	G	G	G	G	G
PZE-102071375	C	C	C	C	C	C	C	C
PZE-102059688	T	T	T	T	T	T	T	T
PZE-102062683	C	C	T	T	C	C	C	C
PZE-102062746	A	A	A	A	A	A	A	A
PZE-102062962	G	G	G	G	G	G	G	G
PZE-102072502	G	G	G	G	G	G	G	G
PZE-102082133	C	C	C	C	C	C	C	C

PZE-102075881	T	T	T	T	T	T	T	T
PZE-102075990	T	T	G	G	T	T	T	T
PZE-103060872	T	T	G	G	T	T	T	T
PZE-103050177	T	T	T	T	T	T	T	T
PZE-103057263	A	A	A	A	A	A	A	A
PZE-103034474	G	G	G	G	G	G	G	G
PZE-103034530	A	A	A	A	A	A	A	A
PZE-103037048	T	T	T	T	T	T	T	T
PZE-103037289	T	T	C	C	T	T	T	T
PZE-103057424	G	G	A	A	G	G	G	G
PZE-103057464	C	C	A	A	C	C	C	C
PZE-103059001	G	G	G	G	G	G	G	G
PZE-103059015	T	T	C	C	T	T	T	T
PZE-103045755	A	A	A	A	A	A	A	A
PZE-103046475	T	T	T	T	T	T	T	T
PZE-103037370	A	A	A	A	A	A	A	A
PZE-103037641	T	T	T	T	T	T	T	T
PZE-103063833	A	A	G	G	A	A	A	A
PZE-103030995	A	A	A	A	A	A	A	A
PZE-103031323	T	T	T	T	T	T	T	T
PZE-103048707	C	C	C	C	C	C	C	C
PZE-103041051	G	G	G	G	G	G	G	G
PZE-103063232	G	G	A	A	G	G	G	G
PZE-103063301	C	C	T	T	C	C	C	C
PZE-103043640	G	G	G	G	G	G	G	G
PZE-103035524	G	G	G	G	G	G	G	G
PZE-103057778	C	C	C	C	C	C	C	C
PZE-103042957	G	G	G	G	G	G	G	G
PZE-103043004	A	A	A	A	A	A	A	A
PZE-103046832	G	G	G	G	G	G	G	G
PZE-103065072	T	T	C	C	T	T	T	T
PZE-103031668	A	A	C	C	A	A	A	A
PZE-103055220	A	A	A	A	A	A	A	A
PZE-103055453	C	C	T	T	C	C	C	C
PZE-103056756	A	A	A	A	A	A	A	A
PZE-103044102	A	A	A	A	A	A	A	A
PZE-103053907	G	G	C	C	G	G	G	G
PZE-103053909	T	T	G	G	T	T	T	T
PZE-103061576	T	T	C	C	T	T	T	T
PZE-103051152	T	T	T	T	T	T	T	T
PZE-103051873	C	C	C	C	C	C	C	C
PZE-103053111	C	C	A	A	C	C	C	C
PZE-103053661	C	C	T	T	C	C	C	C
PZE-103035649	T	T	T	T	T	T	T	T
PZE-103064633	G	G	G	G	G	G	G	G
PZE-103044842	A	A	A	A	A	A	A	A
PZE-103047477	C	C	C	C	C	C	C	C
PZE-103039677	A	A	A	A	A	A	A	A

PZE-103054575	A	A	A	A	A	A	A	A
PZE-103041999	T	T	G	G	T	T	T	T
PZE-103032602	C	C	A	A	C	C	C	C
PZE-103064200	C	C	C	C	C	C	C	C
PZE-103052130	A	A	G	G	A	A	A	A
PZE-103033509	C	C	C	C	C	C	C	C
PZE-103045311	C	C	C	C	C	C	C	C
PZE-103062484	C	C	T	T	C	C	C	C
PZE-103062648	C	C	C	C	C	C	C	C
PZE-103040550	C	C	T	T	C	C	C	C
PZE-103058760	C	C	C	C	C	C	C	C
PZE-103028869	G	G	G	G	G	G	G	G
PZE-103030194	C	C	C	C	C	C	C	C
PZE-103054685	T	T	C	C	T	T	T	T
PZE-103048210	T	T	T	T	T	T	T	T
PZE-102176758	C	C	C	C	C	C	C	C
PZE-102181210	G	G	G	G	G	G	G	G
PZE-102181292	T	T	T	T	T	T	T	T
PZE-102181478	G	G	G	G	G	G	G	G
PZE-102184995	G	G	G	G	G	G	G	G
PZE-102185011	A	A	A	A	A	A	A	A
PZE-102169510	T	T	T	T	C	C	C	C
PZE-102169535	C	C	C	C	T	T	T	T
PZE-102191301	T	T	T	T	T	T	T	T
PZE-102191781	C	C	C	C	C	C	C	C
PZE-102191900	C	C	C	C	C	C	C	C
PZE-103001291	C	C	C	C	C	C	C	C
PZE-103001622	G	G	G	G	G	G	G	G
PZE-103001875	C	C	C	C	C	C	C	C
PZE-102181758	G	G	G	G	G	G	G	G
PZE-103015388	T	T	T	T	T	T	T	T
PZE-102185808	A	A	A	A	A	A	A	A
PZE-103018049	T	T	T	T	T	T	T	T
PZE-103018067	C	C	C	C	C	C	C	C
PZE-103018970	T	T	T	T	T	T	T	T
PZE-102192367	G	G	G	G	G	G	G	G
PZE-103026250	A	A	G	G	A	A	A	A
PZE-103026263	A	A	A	A	A	A	A	A
PZE-102151305	C	C	C	C	T	T	C	C
PZE-103015618	C	C	C	C	C	C	C	C
PZE-103015786	G	G	G	G	G	G	G	G
PZE-103015842	T	T	T	T	T	T	T	T
PZE-102133503	C	C	C	C	C	C	C	C
PZE-103019130	G	G	G	G	G	G	G	G
PZE-103019324	T	T	T	T	T	T	T	T
PZE-102140935	T	T	T	T	T	T	T	T
PZE-102146058	G	G	G	G	G	G	G	G
PZE-102146070	A	A	A	A	A	A	A	A

PZE-102151356	T	T	T	T	T	T	T	T
PZE-102152001	C	C	C	C	C	C	C	C
PZE-102152004	A	A	A	A	G	G	A	A
PZE-102177071	G	G	G	G	A	A	G	G
PZE-102177131	C	C	C	C	C	C	C	C
PZE-102155387	T	T	T	T	T	T	T	T
PZE-102155428	G	G	G	G	A	A	G	G
PZE-102156050	A	A	A	A	A	A	A	A
PZE-102141929	T	T	T	T	T	T	T	T
PZE-102142117	C	C	C	C	C	C	C	C
PZE-102163217	G	G	G	G	G	G	G	G
PZE-102163261	C	C	A	A	C	C	C	C
PZE-102147036	A	A	A	A	A	A	A	A
PZE-102147076	A	A	A	A	A	A	A	A
PZE-102170920	C	C	C	C	C	C	C	C
PZE-102152286	C	C	C	C	C	C	C	C
PZE-102153048	C	C	C	C	A	A	C	C
PZE-102156633	G	G	G	G	A	A	G	G
PZE-102182307	G	G	G	G	G	G	G	G
PZE-102185952	C	C	C	C	C	C	C	C
PZE-102171277	G	G	G	G	G	G	G	G
PZE-102172025	A	A	A	A	G	G	G	G
PZE-102172077	G	G	G	G	G	G	G	G
PZE-103008756	A	A	A	A	A	A	A	A
PZE-102182802	C	C	C	C	C	C	C	C
PZE-103016529	T	T	T	T	T	T	T	T
PZE-103016590	C	C	C	C	C	C	C	C
PZE-102186665	A	A	A	A	A	A	A	A
PZE-103025887	C	C	C	C	C	C	C	C
PZE-103025888	C	C	T	T	C	C	C	C
PZE-102193394	C	C	C	C	C	C	C	C
PZE-103024938	G	G	G	G	G	G	G	G
PZE-102177848	T	T	T	T	T	T	T	T
PZE-103002726	C	C	C	C	C	C	C	C
PZE-103003116	C	C	C	C	C	C	T	T
PZE-103017577	G	G	G	G	G	G	G	G
PZE-103017599	A	A	A	A	A	A	A	A
PZE-102135972	G	G	G	G	G	G	G	G
PZE-102142740	T	T	T	T	T	T	T	T
PZE-103025333	T	T	C	C	T	T	T	T
PZE-103025361	T	T	T	T	T	T	T	T
PZE-103025592	C	C	T	T	C	C	C	C
PZE-102153367	C	C	C	C	C	C	C	C
PZE-102178232	A	A	A	A	G	G	A	A
PZE-102136021	T	T	T	T	T	T	T	T
PZE-102158291	A	A	A	A	A	A	A	A
PZE-102158313	G	G	G	G	A	A	G	G
PZE-102165529	T	T	T	T	T	T	T	T

PZE-102148280	A	A	A	A	G	G	A	A
PZE-102172713	C	C	C	C	T	T	C	C
PZE-103009843	C	C	C	C	C	C	C	C
PZE-103010389	A	A	A	A	G	G	A	A
PZE-103011350	C	C	C	C	C	C	C	C
PZE-102183283	T	T	T	T	T	T	T	T
PZE-102183284	C	C	C	C	C	C	C	C
PZE-102183628	C	C	C	C	C	C	C	C
PZE-102165687	T	T	T	T	T	T	T	T
PZE-102186878	A	A	A	A	A	A	A	A
PZE-102175032	G	G	G	G	G	G	G	G
PZE-103005351	C	C	C	C	C	C	T	T
PZE-103005595	A	A	A	A	A	A	C	C
PZE-103006822	T	T	T	T	T	T	T	T
PZE-103006828	C	C	C	C	C	C	C	C
PZE-102131631	C	C	C	C	C	C	C	C
PZE-102184104	G	G	G	G	G	G	G	G
PZE-103022830	C	C	C	C	C	C	C	C
PZE-102187385	A	A	A	A	C	C	C	C
PZE-103023690	A	A	C	C	A	A	A	A
PZE-103021324	A	A	A	A	A	A	A	A
PZE-103023379	G	G	G	G	G	G	G	G
PZE-102136870	G	G	G	G	G	G	G	G
PZE-102137574	C	C	C	C	C	C	C	C
PZE-103024934	G	G	A	A	G	G	G	G
PZE-102143943	C	C	C	C	C	C	C	C
PZE-103022202	T	T	C	C	T	T	T	T
PZE-103022281	A	A	C	C	A	A	A	A
PZE-102137862	C	C	C	C	C	C	C	C
PZE-102138113	A	A	A	A	A	A	A	A
PZE-102159907	C	C	C	C	A	A	C	C
PZE-102159951	A	A	A	A	G	G	A	A
PZE-102144438	A	A	A	A	A	A	A	A
PZE-102166542	G	G	G	G	G	G	G	G
PZE-102166543	A	A	A	A	A	A	A	A
PZE-102148927	T	T	T	T	G	G	T	T
PZE-102149644	A	A	A	A	A	A	A	A
PZE-102149655	A	A	A	A	G	G	A	A
PZE-102175223	G	G	G	G	G	G	T	T
PZE-102153944	C	C	C	C	T	T	C	C
PZE-102179558	T	T	T	T	T	T	T	T
PZE-102160834	C	C	C	C	A	A	C	C
PZE-102184387	C	C	C	C	C	C	C	C
PZE-102184389	G	G	G	G	G	G	G	G
PZE-102166741	T	T	T	T	T	T	T	T
PZE-102187687	T	T	T	T	T	T	T	T
PZE-102187906	A	A	A	A	A	A	A	A
PZE-102188267	T	T	T	T	T	T	T	T

PZE-103000200	C	C	C	C	C	C	C	C
PZE-103013135	A	A	A	A	A	A	A	A
PZE-103013405	A	A	A	A	A	A	A	A
PZE-103027778	T	T	T	T	T	T	T	T
PZE-102188421	A	A	A	A	A	A	A	A
PZE-102189186	C	C	C	C	C	C	C	C
PZE-102189414	A	A	A	A	G	G	G	G
PZE-102189702	T	T	T	T	T	T	T	T
PZE-103020134	A	A	A	A	A	A	A	A
PZE-102129725	G	G	G	G	G	G	G	G
PZE-103014171	T	T	T	T	T	T	T	T
PZE-103014248	C	C	C	C	C	C	C	C
PZE-103021174	T	T	T	T	T	T	T	T
PZE-102129854	T	T	T	T	T	T	T	T
PZE-102149810	T	T	T	T	T	T	T	T
PZE-102140630	C	C	C	C	C	C	C	C
PZE-102161136	A	A	A	A	A	A	A	A
PZE-102161536	T	T	T	T	T	T	T	T
PZE-102161858	A	A	A	A	A	A	A	A
PZE-102145703	C	C	C	C	C	C	C	C
PZE-102168063	G	G	G	G	G	G	G	G
PZE-102150762	G	G	G	G	G	G	G	G
PZE-102176300	T	T	T	T	T	T	C	C
PZE-103127374	T	T	T	T	T	T	T	T
PZE-103151399	C	C	C	C	C	C	C	C
PZE-103152229	C	C	C	C	C	C	C	C
PZE-103111629	C	C	C	C	C	C	C	C
PZE-104010195	A	A	A	A	A	A	A	A
PZE-103175463	G	G	G	G	G	G	G	G
PZE-103175677	A	A	A	A	A	A	A	A
PZE-103152615	T	T	T	T	T	T	T	T
PZE-103181174	G	G	G	G	G	G	G	G
PZE-103181288	T	T	T	T	T	T	T	T
PZE-103181306	A	A	A	A	A	A	A	A
PZE-103135938	C	C	C	C	C	C	C	C
PZE-103118399	T	T	T	T	C	C	T	T
PZE-103118562	A	A	A	A	G	G	A	A
PZE-103140944	C	C	C	C	C	C	C	C
PZE-104003542	C	C	C	C	C	C	C	C
PZE-104003599	T	T	T	T	T	T	T	T
PZE-104003895	G	G	G	G	G	G	G	G
PZE-104003896	T	T	T	T	T	T	T	T
PZE-104004194	C	C	C	C	C	C	A	A
PZE-104004195	C	C	C	C	C	C	T	T
PZE-103182399	G	G	G	G	G	G	G	G
PZE-103182400	T	T	T	T	T	T	T	T
PZE-103106481	A	A	A	A	A	A	A	A
PZE-103162319	A	A	A	A	A	A	A	A

PZE-103162566	C	C	C	C	C	C	C	C
PZE-103123615	C	C	C	C	C	C	C	C
PZE-103123844	C	C	C	C	C	C	C	C
PZE-103128060	T	T	T	T	T	T	T	T
PZE-103128464	G	G	G	G	G	G	G	G
PZE-103171220	C	C	C	C	C	C	C	C
PZE-103171255	A	A	A	A	A	A	A	A
PZE-103171398	C	C	C	C	C	C	C	C
PZE-103171593	C	C	C	C	C	C	C	C
PZE-103148470	G	G	G	G	G	G	G	G
PZE-103148727	T	T	T	T	T	T	T	T
PZE-103182953	C	C	C	C	C	C	C	C
PZE-103183476	G	G	G	G	G	G	G	G
PZE-103112780	G	G	G	G	G	G	G	G
PZE-103113298	A	A	A	A	A	A	G	G
PZE-104002805	G	G	G	G	G	G	G	G
PZE-103176922	G	G	G	G	G	G	G	G
PZE-103177595	C	C	C	C	C	C	C	C
PZE-103129514	C	C	C	C	C	C	C	C
PZE-103130978	A	A	A	A	A	A	A	A
PZE-103114346	G	G	G	G	G	G	A	A
PZE-103114472	T	T	T	T	T	T	T	T
PZE-103136980	C	C	C	C	C	C	C	C
PZE-103137006	A	A	A	A	A	A	A	A
PZE-103119151	C	C	C	C	T	T	C	C
PZE-103142398	G	G	G	G	G	G	G	G
PZE-104008414	T	T	T	T	T	T	T	T
PZE-104008503	C	C	C	C	C	C	C	C
PZE-104009189	C	C	C	C	C	C	C	C
PZE-104009396	A	A	A	A	A	A	A	A
PZE-104009398	T	T	T	T	T	T	T	T
PZE-103153521	A	A	A	A	A	A	A	A
PZE-103154125	C	C	C	C	C	C	C	C
PZE-103154277	G	G	G	G	G	G	G	G
PZE-103163478	C	C	C	C	C	C	C	C
PZE-103163538	C	C	C	C	C	C	C	C
PZE-103172250	G	G	G	G	G	G	G	G
PZE-104009638	T	T	T	T	T	T	T	T
PZE-103124738	G	G	G	G	G	G	G	G
PZE-103125004	C	C	C	C	C	C	C	C
PZE-103107820	A	A	A	A	A	A	A	A
PZE-103108109	T	T	T	T	T	T	T	T
PZE-103129362	A	A	A	A	A	A	A	A
PZE-103172593	T	T	T	T	T	T	T	T
PZE-103173101	C	C	C	C	C	C	C	C
PZE-103149071	G	G	G	G	G	G	G	G
PZE-103155390	G	G	G	G	G	G	G	G
PZE-103155594	T	T	T	T	T	T	T	T

PZE-103156524	G	G	G	G	G	G	G	G
PZE-103156977	T	T	T	T	T	T	T	T
PZE-103187455	A	A	A	A	A	A	A	A
PZE-104006203	C	C	C	C	C	C	T	T
PZE-104008253	A	A	A	A	A	A	C	C
PZE-103177974	C	C	C	C	C	C	C	C
PZE-103178060	G	G	G	G	G	G	G	G
PZE-103178597	A	A	A	A	A	A	G	G
PZE-103182817	G	G	G	G	G	G	G	G
PZE-103137894	T	T	T	T	T	T	T	T
PZE-103138177	C	C	C	C	C	C	C	C
PZE-103120770	C	C	C	C	C	C	C	C
PZE-103120875	G	G	G	G	G	G	G	G
PZE-103143590	A	A	A	A	A	A	A	A
PZE-103179078	C	C	C	C	C	C	C	C
PZE-104010933	T	T	T	T	T	T	T	T
PZE-104011339	A	A	A	A	A	A	A	A
PZE-103074559	G	G	G	G	G	G	G	G
PZE-103074652	G	G	G	G	G	G	G	G
PZE-103138646	C	C	C	C	C	C	C	C
PZE-103139040	C	C	C	C	C	C	C	C
PZE-103164978	T	T	T	T	T	T	T	T
PZE-103165542	C	C	C	C	C	C	C	C
PZE-103165697	A	A	A	A	A	A	A	A
PZE-103165871	T	T	T	T	T	T	T	T
PZE-103144159	A	A	A	A	A	A	A	A
PZE-103144282	A	A	A	A	A	A	A	A
PZE-104011650	G	G	G	G	G	G		
PZE-104011716	C	C	C	C	C	C	C	C
PZE-104011903	A	A	A	A	A	A	A	A
PZE-103125672	C	C	C	C	C	C	C	C
PZE-103125763	T	T	T	T	T	T	T	T
PZE-103083575	A	A	A	A	G	G	G	G
PZE-103083874	A	A	A	A	G	G	G	G
PZE-103166581	C	C	C	C	C	C	C	C
PZE-104000116	G	G	G	G	G	G	T	T
PZE-103174030	A	A	A	A	A	A	A	A
PZE-103174809	G	G	G	G	G	G	G	G
PZE-103174950	C	C	C	C	C	C	C	C
PZE-103125820	G	G	G	G	G	G	G	G
PZE-103125956	G	G	G	G	G	G	G	G
PZE-103150079	A	A	A	A	A	A	A	A
PZE-103150095	C	C	C	C	C	C	C	C
PZE-103150197	C	C	C	C	C	C	C	C
PZE-103151098	A	A	A	A	A	A	A	A
PZE-103179589	T	T	T	T	T	T	T	T
PZE-103094688	C	C	C	C	C	C	C	C
PZE-103134582	C	C	C	C	C	C	C	C

PZE-103135771	T	T	T	T	T	T	T	T
PZE-103117006	G	G	G	G	G	G	G	G
PZE-103139833	C	C	C	C	C	C	C	C
PZE-103139885	A	A	A	A	A	A	A	A
PZE-103122966	C	C	C	C	C	C	C	C
PZE-103123019	C	C	C	C	C	C	C	C
PZE-103123325	G	G	G	G	G	G	G	G
PZE-103181133	A	A	A	A	A	A	A	A
PZE-104005416	A	A	A	A	A	A	G	G
PZE-104005468	T	T	T	T	T	T	G	G
PZE-104005482	G	G	G	G	G	G	G	G
PZE-103159374	A	A	A	A	A	A	A	A
PZE-103159840	C	C	C	C	C	C	C	C
PZE-103160229	G	G	G	G	G	G	G	G
PZE-103160675	C	C	C	C	C	C	C	C
PZE-103140670	C	C	C	C	C	C	C	C
PZE-103167613	G	G	G	G	G	G	G	G
PZE-103167997	A	A	A	A	A	A	A	A
PZE-103145531	T	T	T	T	T	T	T	T
PZE-103145827	G	G	G	G	G	G	G	G
PZE-103146956	A	A	A	A	A	A	A	A
PZE-103147091	G	G	G	G	G	G	G	G
PZE-103147211	C	C	C	C	C	C	C	C
PZE-103126437	T	T	T	T	T	T	T	T
PZE-103126743	T	T	T	T	T	T	T	T
PZE-103127134	G	G	G	G	G	G	G	G
PZE-103185889	T	T	T	T	T	T	T	T
PZE-103186258	A	A	A	A	A	A	A	A
PZE-103169160	C	C	C	C	C	C	C	C
PZE-103092434	A	A	A	A	A	A	A	A
PZE-103104448	A	A	A	A	A	A	A	A
PZE-103104806	A	A	A	A	A	A	A	A
PZE-103105252	T	T	T	T	T	T	T	T
PZE-103065281	A	A	A	A	A	A	A	A
PZE-103065361	T	T	T	T	T	T	T	T
PZE-103075454	C	C	C	C	C	C	C	C
PZE-103068739	G	G	A	A	G	G	G	G
PZE-103073496	G	G	G	G	G	G	G	G
PZE-103073540	T	T	T	T	T	T	T	T
PZE-103087536	G	G	G	G	G	G	G	G
PZE-103080303	C	C	C	C	A	A	A	A
PZE-103090457	C	C	C	C	C	C	C	C
PZE-103090563	C	C	C	C	T	T	T	T
PZE-103090601	C	C	C	C	C	C	C	C
PZE-103082924	C	C	C	C	C	C	C	C
PZE-103095492	C	C	T	T	C	C	C	C
PZE-103096615	A	A	A	A	A	A	A	A
PZE-103103387	G	G	G	G	G	G	G	G

PZE-103093095	C	C	C	C	C	C	C	C
PZE-103066053	T	T	T	T	T	T	T	T
PZE-103097004	G	G	G	G	G	G	G	G
PZE-103069221	G	G	G	G	G	G	G	G
PZE-103069222	T	T	T	T	T	T	T	T
PZE-103071667	A	A	G	G	A	A	A	A
PZE-103092682	A	A	A	A	A	A	A	A
PZE-103092830	T	T	T	T	T	T	T	T
PZE-103092933	C	C	C	C	A	A	A	A
PZE-103075872	C	C	C	C	C	C	C	C
PZE-103076001	A	A	A	A	A	A	A	A
PZE-103078702	G	G	G	G	G	G	G	G
PZE-103085447	A	A	A	A	G	G	G	G
PZE-103088324	A	A	A	A	A	A	A	A
PZE-103091108	C	C	C	C	C	C	C	C
PZE-103088477	G	G	G	G	G	G	G	G
PZE-103100160	G	G	G	G	G	G	G	G
PZE-103102712	A	A	A	A	A	A	A	A
PZE-103102727	C	C	C	C	C	C	C	C
PZE-103091230	C	C	C	C	C	C	C	C
PZE-103091412	C	C	C	C	C	C	C	C
PZE-103102170	G	G	G	G	G	G	G	G
PZE-103073709	C	C	T	T	C	C	C	C
PZE-103067595	G	G	G	G	G	G	G	G
PZE-103102840	G	G	G	G	G	G	G	G
PZE-103069689	T	T	C	C	T	T	T	T
PZE-103070266	A	A	G	G	A	A	A	A
PZE-103102501	G	G	G	G	G	G	G	G
PZE-103076372	A	A	A	A	A	A	A	A
PZE-103032158	T	T	T	T	T	T	T	T
PZE-103032194	T	T	C	C	T	T	T	T
PZE-103085906	T	T	T	T	T	T	T	T
PZE-103086306	T	T	T	T	C	C	C	C
PZE-103086575	T	T	T	T	T	T	T	T
PZE-103089336	C	C	C	C	C	C	C	C
PZE-103081189	C	C	C	C	T	T	T	T
PZE-103044317	C	C	C	C	C	C	C	C
PZE-103100061	G	G	G	G	G	G	G	G
PZE-103100131	T	T	T	T	T	T	T	T
PZE-103100885	G	G	G	G	G	G	G	G
PZE-103101164	T	T	T	T	T	T	A	A
PZE-103098198	C	C	C	C	C	C	T	T
PZE-103098233	T	T	T	T	T	T	G	G
PZE-103067889	A	A	A	A	A	A	A	A
PZE-103068012	G	G	A	G	G	G	G	G
PZE-103070612	T	T	T	T	T	T	T	T
PZE-103098625	G	G	G	G	G	G	G	G
PZE-103071053	T	T	T	T	T	T	T	T

PZE-103081689	C	C	C	C	T	T	T	T
PZE-103084543	G	G	G	G	C	C	C	C
PZE-103086917	A	A	A	A	A	A	A	A
PZE-103087007	A	A	A	A	A	A	A	A
PZE-103087157	C	C	C	C	C	C	C	C
PZE-103079771	C	C	C	C	C	C	C	C
PZE-103089589	C	C	C	C	C	C	C	C
PZE-103082105	T	T	T	T	T	T	T	T
PZE-105078109	G	G	G	G	G	G	G	G
PZE-104043510	G	G	G	G	G	G	A	A
PZE-105061605	T	T	T	T	T	T	T	T
PZE-105061723	C	C	T	T	C	C	T	T
PZE-105061800	C	C	C	C	C	C	C	C
PZE-105084817	C	C	C	C	C	C	C	C
PZE-105072323	G	G	G	G	G	G	G	G
PZE-105072451	C	C	C	C	C	C	C	C
PZE-105074128	G	G	G	G	G	G	G	G
PZE-105091972	T	T	T	T	T	T	T	T
PZE-105068653	C	C	C	C	C	C	C	C
PZE-105068703	C	C	C	C	C	C	C	C
PZE-105081158	A	A	A	A	A	A	A	A
PZE-105081223	C	C	C	C	C	C	C	C
PZE-105074459	A	A	A	A	A	A	A	A
PZE-105083270	C	C	C	C	C	C	C	C
PZE-105065076	G	G	A	A	G	G	A	A
PZE-105078625	T	T	T	T	T	T	T	T
PZE-105087881	C	C	C	C	C	C	C	C
PZE-105058012	T	T	T	T	T	T	T	T
PZE-105091443	A	A	A	A	A	A	A	A
PZE-105076850	G	G	G	G	G	G	G	G
PZE-105055663	G	G	G	G	G	G	G	G
PZE-105091717	T	T	T	T	T	T	T	T
PZE-105073088	T	T	T	T	T	T	T	T
PZE-105074812	T	T	T	T	T	T	T	T
PZE-105065855	G	G	G	G	G	G	G	G
PZE-105088164	G	G	G	G	G	G	G	G
PZE-105089570	G	G	G	G	G	G	G	G
PZE-105087335	A	A	A	A	A	A	A	A
PZE-105059355	T	T	T	T	T	T	T	T
PZE-105059371	T	T	T	T	T	T	T	T
PZE-105089652	T	T	T	T	T	T	T	T
PZE-105085641	A	A	A	A	A	A	A	A
PZE-105087020	T	T	T	T	T	T	T	T
PZE-105055280	A	A	A	A	A	A	A	A
PZE-105073571	T	T	T	T	T	T	T	T
PZE-105063899	A	A	A	A	A	A	A	A
PZE-105075120	A	A	A	A	A	A	A	A
PZE-105091035	T	T	T	T	T	T	T	T

PZE-105066316	T	T	G	G	T	T	G	G
PZE-104024876	G	G	G	G	G	G	G	G
PZE-104024989	C	C	C	C	C	C	C	C
PZE-105081958	A	A	A	A	A	A	A	A
PZE-105067019	T	T	T	T	T	T	T	T
PZE-105067669	G	G	G	G	G	G	G	G
PZE-105077553	G	G	G	G	G	G	G	G
PZE-104042836	G	G	G	G	G	G	A	A
PZE-105082207	G	G	G	G	G	G	G	G
PZE-105084195	A	A	A	A	A	A	A	A
PZE-105084254	A	A	A	A	A	A	A	A
PZE-104014229	C	C	C	C	C	C	C	C
PZE-105060871	C	C	C	C	C	C	C	C
PZE-105090726	T	T	T	T	T	T	T	T
PZE-105090913	C	C	C	C	C	C	C	C
PZE-105064214	T	T	C	C	T	T	C	C
PZE-105086387	C	C	C	C	C	C	C	C
PZE-104014578	C	C	C	C	C	C	C	C
PZE-104014984	A	A	A	A	A	A	A	A
PZE-104014994	T	T	T	T	T	T	T	T
PZE-104015086	G	G	G	G	G	G	G	G
PZE-105064517	A	A	G	G	A	A	G	G
PZE-105075673	C	C	C	C	C	C	C	C
PZE-105075848	T	T	T	T	T	T	T	T
PZE-104025517	A	A	A	A	A	A	A	A
PZE-104036188	G	G	G	G	G	G	G	G
PZE-104036192	G	G	G	G	G	G	G	G
PZE-105074008	G	G	G	G	G	G	G	G
PZE-105078089	G	G	G	G	G	G	G	G
PZE-103132991	A	A	A	A	A	A	A	A
PZE-103133175	G	G	G	G	G	G	G	G
PZE-103133286	C	C	C	C	C	C	C	C
PZE-103133859	T	T	T	T	T	T	T	T
PZE-104046635	G	G	G	G	G	G	G	G
PZE-104018636	C	C	C	C	C	C	C	C
PZE-104047203	A	A	A	A	A	A	A	A
PZE-104046322	C	C	C	C	C	C	T	T
PZE-104022932	A	A	A	A	A	A	A	A
PZE-104018939	T	T	T	T	T	T	T	T
PZE-104030587	G	G	G	G	G	G	G	G
PZE-104021357	T	T	T	T	T	T	T	T
PZE-104021514	G	G	G	G	G	G	G	G
PZE-104023339	C	C	C	C	C	C	C	C
PZE-104023477	C	C	C	C	C	C	C	C
PZE-104023674	G	G	G	G	G	G	G	G
PZE-104035257	A	A	A	A	A	A	A	A
PZE-104026803	C	C	C	C	C	C	C	C
PZE-104030857	A	A	A	A	A	A	A	A

PZE-104031214	A	A	A	A	A	A	G	G
PZE-104033207	A	A	A	A	A	A	A	A
PZE-104033329	A	A	A	A	A	A	A	A
PZE-104043792	A	A	A	A	A	A	G	G
PZE-104041043	T	T	T	T	T	T	C	C
PZE-104024128	A	A	A	A	A	A	A	A
PZE-104044019	T	T	T	T	T	T	T	T
PZE-104015432	C	C	C	C	C	C	C	C
PZE-104027342	C	C	C	C	C	C	C	C
PZE-104019200	T	T	T	T	T	T	T	T
PZE-104019337	C	C	C	C	C	C	C	C
PZE-104021862	C	C	C	C	C	C	C	C
PZE-104042420	C	C	C	C	C	C	T	T
PZE-104037159	G	G	G	G	G	G	G	G
PZE-104037208	A	A	A	A	A	A	A	A
PZE-104037429	T	T	T	T	T	T	T	T
PZE-104031393	C	C	C	C	C	C	C	C
PZE-104022152	C	C	C	C	C	C	C	C
PZE-104035759	T	T	T	T	T	T	T	T
PZE-104037510	T	T	T	T	T	T	T	T
PZE-104044235	T	T	T	T	T	T	C	C
PZE-104039786	A	A	A	A	A	A	A	A
PZE-104041132	A	A	A	A	A	A	A	A
PZE-104013645	C	C	C	C	C	C	C	C
PZE-104013824	G	G	G	G	G	G	G	G
PZE-104016330	A	A	A	A	A	A	A	A
PZE-104012693	C	C	C	C	C	C	C	C
PZE-104012925	C	C	C	C	T	T	T	T
PZE-104013117	T	T	T	T	C	C	C	C
PZE-104013159	G	G	G	G	A	A	A	A
PZE-104023739	A	A	A	A	A	A	A	A
PZE-104016913	C	C	C	C	C	C	C	C
PZE-104017065	A	A	A	A	A	A	A	A
PZE-104027935	G	G	G	G	G	G	G	G
PZE-104028025	C	C	C	C	C	C	C	C
PZE-104028286	T	T	T	T	T	T	T	T
PZE-104019988	G	G	G	G	G	G	G	G
PZE-104020214	G	G	G	G	G	G	G	G
PZE-104020366	A	A	A	A	A	A	A	A
PZE-104048680	G	G	G	G	G	G	G	G
PZE-103183662	G	G	G	G			G	G
PZE-103108877	G	G	G	G	G	G	G	G
PZE-104028514	A	A	A	A	A	A	A	A
PZE-104032101	A	A	A	A	A	A	G	G
PZE-104032228	C	C	C	C	C	C	C	C
PZE-104034459	T	T	T	T	T	T	T	T
PZE-104034684	T	T	T	T	T	T	T	T
PZE-103109052	G	G	G	G	G	G	G	G

PZE-103109587	G	G	G	G	G	G	G	G
PZE-103109729	A	A	A	A	A	A	A	A
PZE-104040089	T	T	T	T	T	T	G	G
PZE-104041818	A	A	A	A	A	A	G	G
PZE-103132216	C	C	C	C	C	C	C	C
PZE-103132217	T	T	T	T	T	T	T	T
PZE-103132492	T	T	T	T	T	T	T	T
PZE-104047889	G	G	G	G	G	G	G	G
PZE-104048161	A	A	A	A	A	A		
PZE-104047435	A	A	A	A	A	A	A	A
PZE-103157525	C	C	C	C	C	C	C	C
PZE-103157651	C	C	C	C	C	C	C	C
PZE-103158150	A	A	A	A	A	A	A	A
PZE-104018179	G	G	G	G	G	G	G	G
PZE-104018346	T	T	T	T	T	T	T	T
PZE-104018347	C	C	C	C	C	C	C	C
PZE-104028783	G	G	G	G	G	G	G	G
PZE-104021090	G	G	G	G	G	G	G	G
PZE-104021149	A	A	A	A	A	A	A	A
PZE-103184341	T	T	T	T	T	T	T	T
PZE-103184446	T	T	T	T	T	T	T	T
PZE-103185158	T	T	T	T	C	C	T	T
PZE-103185177	G	G	G	G	G	G	G	G
PZE-104029495	T	T	T	T	T	T	T	T
PZE-104029735	A	A	A	A	A	A	A	A
PZE-103110416	C	C	C	C	C	C	C	C
PZE-103110761	C	C	C	C	C	C	T	T
PZE-104038643	C	C	C	C	C	C	C	C
PZE-104040409	G	G	G	G	G	G	A	A
PZE-104040465	A	A	A	A	A	A	G	G
PZE-104042045	A	A	A	A	A	A	A	A
PZE-106116788	C	C	C	C	C	C	C	C
PZE-106118195	A	A	A	A	A	A	A	A
PZE-106118266	T	T	T	T	T	T	T	T
PZE-106119113	G	G	G	G	G	G	G	G
PZE-106121133	G	G	G	G	G	G	G	G
PZE-106121498	G	G	G	G	G	G	G	G
PZE-106041635	C	C	C	C	C	C	C	C
PZE-106041645	C	C	C	C	C	C	C	C
PZE-106098906	G	G	G	G	G	G	G	G
PZE-106106978	T	T	T	T	T	T	T	T
PZE-106107669	A	A	A	A	A	A	A	A
PZE-106108125	G	G	G	G	G	G	G	G
PZE-107018458	G	G	G	G	G	G	G	G
PZE-107018459	G	G	G	G	G	G	G	G
PZE-106057620	C	C	C	C	C	C	C	C
PZE-106044743	G	G	G	G	G	G	T	T
PZE-106044784	G	G	G	G	G	G	A	A

PZE-106061055	A	A	A	A	A	A	A	A
PZE-106109825	G	G	G	G	G	G	G	G
PZE-106048118	A	A	A	A	A	A	A	A
PZE-106048399	A	A	A	A	A	A	A	A
PZE-106048524	C	C	C	C	C	C	C	C
PZE-106048958	T	T	T	T	T	T	T	T
PZE-106049203	A	A	A	A	A	A	A	A
PZE-107027775	G	G	G	G	G	G	G	G
PZE-106061431	A	A	A	A	A	A	A	A
PZE-106061440	T	T	T	T	T	T	T	T
PZE-106061708	C	C	C	C	C	C	C	C
PZE-106061713	G	G	G	G	G	G	G	G
PZE-106076099	A	A	A	A	A	A	G	G
PZE-106065211	T	T	T	T	T	T	T	T
PZE-106065440	T	T	T	T	T	T	T	T
PZE-107035478	T	T	T	T	T	T	T	T
PZE-106089516	A	A	A	A	A	A	A	A
PZE-106089546	A	A	A	A	A	A	A	A
PZE-106090096	C	C	C	C	C	C	C	C
PZE-106090377	A	A	A	A	A	A	A	A
PZE-106041752	C	C	C	C	C	C	C	C
PZE-106076238	G	G	G	G	G	G	G	G
PZE-106097864	T	T	T	T	T	T	T	T
PZE-106097959	T	T	T	T	T	T	T	T
PZE-106049590	G	G	G	G	G	G	G	G
PZE-106054245	A	A	A	A	A	A	A	A
PZE-106057733	T	T	T	T	T	T	T	T
PZE-106105143	C	C	C	C	C	C	C	C
PZE-106105805	A	A	A	A	A	A	A	A
PZE-106106479	G	G	G	G	G	G	G	G
PZE-106066719	C	C	C	C	C	C	C	C
PZE-106054710	C	C	C	C	C	C	C	C
PZE-106069728	C	C	C	C	C	C	C	C
PZE-106070154	C	C	C	C	C	C	C	C
PZE-106058198	T	T	T	T	T	T	T	T
PZE-106073001	C	C	C	C	C	C	C	C
PZE-106045280	T	T	c	t	T	T	T	T
PZE-106062467	G	G	G	G	G	G	G	G
PZE-106065562	C	C	C	C	C	C	C	C
PZE-106070297	A	A	A	A	A	A	A	A
PZE-106084109	T	T	T	T	T	T	T	T
PZE-106073623	C	C	C	C	C	C	A	A
PZE-106102671	T	T	T	T	T	T	T	T
PZE-106062511	C	C	C	C	C	C	C	C
PZE-106066199	A	A	A	A	A	A	A	A
PZE-106085267	G	G	G	G	G	G	G	G
PZE-106103556	G	G	G	G	G	G	G	G
PZE-106103612	T	T	T	T	T	T	T	T

PZE-106103665	C	C	C	C	C	C	C	C
PZE-106042786	A	A	A	A	A	A	C	C
PZE-106077080	G	G	G	G	G	G	A	A
PZE-106093277	G	G	G	G	G	G	G	G
PZE-106054842	C	C	C	C	C	C	C	C
PZE-106055850	T	T	T	T	T	T	T	T
PZE-106043086	C	C	C	C	C	C	C	C
PZE-106043303	T	T	T	T	T	T	C	C
PZE-106059018	G	G	G	G	G	G	G	G
PZE-106093879	C	C	C	C	C	C	C	C
PZE-106094124	T	T	T	T	T	T	T	T
PZE-106095393	C	C	C	C	C	C	C	C
PZE-106095396	G	G	G	G	G	G	G	G
PZE-106095859	T	T	T	T	T	T	T	T
PZE-106096872	C	C	C	C	C	C	C	C
PZE-106096901	G	G	G	G	G	G	G	G
PZE-106070392	T	T	T	T	T	T	T	T
PZE-106070677	G	G	G	G	G	G	G	G
PZE-106059293	G	G	G	G	G	G	G	G
PZE-106059328	A	A	A	A	A	A	A	A
PZE-106074545	T	T	T	T	T	T	T	T
PZE-106045904	C	C	C	C	C	C	C	C
PZE-106046102	C	C	C	C	C	C	C	C
PZE-106046103	T	T	T	T	T	T	T	T
PZE-106046532	A	A	A	A	A	A	A	A
PZE-107034516	T	T	T	T	T	T	T	T
PZE-106070979	T	T	T	T	T	T	T	T
PZE-106086131	C	C	C	C	C	C	C	C
PZE-106074750	G	G	G	G	G	G	T	T
PZE-106063093	G	G	G	G	G	G	G	G
PZE-106063172	G	G	G	G	G	G	G	G
PZE-107034752	A	A	A	A	A	A	A	A
PZE-106086786	G	G	T	T	T	T	G	G
PZE-106086860	A	A	A	A	A	A	A	A
PZE-106040279	G	G	G	G	G	G	G	G
PZE-106040589	T	T	T	T	T	T	C	C
PZE-106092172	T	T	T	T	T	T	T	T
PZE-106092279	T	T	T	T	T	T	T	T
PZE-106078487	C	C	C	C	C	C	T	T
PZE-106114427	C	C	C	C	C	C	C	C
PZE-106114436	G	G	G	G	G	G	G	G
PZE-106115356	A	A	A	A	A	A	A	A
PZE-107017393	G	G	G	G	A	A	G	G
PZE-107017571	A	A	A	A	G	G	A	A
PZE-106055998	C	C	C	C	C	C	C	C
PZE-106043790	C	C	C	C	C	C	T	T
PZE-106059969	A	A	A	A	A	A	A	A
PZE-106101046	G	G	G	G	G	G	G	G

PZE-106102358	G	G	G	G	G	G	G	G
PZE-107017698	C	C	C	C	C	C	C	C
PZE-107017813	T	T	T	T	T	T	T	T
PZE-106060535	C	C	C	C	C	C	C	C
PZE-106047590	A	A	A	A	A	A	A	A
PZE-107027488	C	C	C	C	C	C	C	C
PZE-106087348	C	C	T	T	T	T	C	C
PZE-106087430	T	T	T	T	T	T	T	T
PZE-106075973	A	A	A	A	A	A	A	A
PZE-106098493	A	A	A	A	A	A	A	A
PZE-106064449	C	C	C	C	C	C	C	C
PZE-106064587	T	T	T	T	T	T	T	T
PZE-107035082	T	T	T	T	T	T	T	T
PZE-107035269	A	A	A	A	A	A	A	A
PZE-106116156	C	C	C	C	C	C	C	C
PZE-106041140	T	T	T	T	T	T	T	T
PZE-106041148	C	C	C	C	C	C	C	C
PZE-107040240	A	A	A	A	A	A	A	A
PZE-105071303	G	G	G	G	G	G	G	G
PZE-105080401	G	G	G	G	G	G	G	G
PZE-106131184	C	C	C	C	C	C	C	C
PZE-107005454	C	C	C	C	C	C	C	C
PZE-107005832	C	C	C	C	C	C	C	C
PZE-107014666	A	A	A	A	A	A	A	A
PZE-107026273	T	T	T	T	T	T	T	T
PZE-107021545	G	G	G	G	G	G	G	G
PZE-107021672	T	T	T	T	T	T	T	T
PZE-107007133	G	G	G	G	G	G	G	G
PZE-107024092	T	T	T	T	T	T	T	T
PZE-107026387	T	T	T	T	T	T	T	T
PZE-105057254	G	G	G	G	G	G	A	A
PZE-107024408	T	T	T	T	T	T	T	T
PZE-107039440	C	C	C	C	C	C	C	C
PZE-107033916	C	C	C	C	C	C	C	C
PZE-107040006	G	G	G	G	G	G	G	G
PZE-107008894	T	T	T	T	T	T	T	T
PZE-106110981	T	T	T	T	T	T	T	T
PZE-106111790	T	T	T	T	T	T	T	T
PZE-106111961	A	A	A	A	A	A	A	A
PZE-106112096	A	A	A	A	A	A	A	A
PZE-106113152	T	T	T	T	T	T	T	T
PZE-107019073	T	T	T	T	T	T	T	T
PZE-107019133	A	A	A	A	A	A	A	A
PZE-107030295	T	T	T	T	T	T	T	T
PZE-107009674	C	C	C	C	C	C	C	C
PZE-107010082	C	C	C	C	C	C	C	C
PZE-107010433	A	A	A	A	A	A	A	A
PZE-107024515	C	C	C	C	A	A	A	A

PZE-107038701	G	G	G	G	G	G	G	G
PZE-107035765	G	G	G	G	G	G	G	G
PZE-107030337	C	C	C	C	C	C	C	C
PZE-106123709	A	A	A	A	A	A	A	A
PZE-106124630	C	C	C	C	C	C	C	C
PZE-106125698	G	G	G	G	G	G	G	G
PZE-106126207	G	G	G	G	G	G	G	G
PZE-107041889	A	A	A	A	A	A	A	A
PZE-107032574	C	C	C	C	C	C	C	C
PZE-107016614	A	A	A	A	G	G	A	A
PZE-106126667	T	T	T	T	T	T	T	T
PZE-107022645	G	G	G	G	G	G	G	G
PZE-107038449	A	A	A	A	A	A	A	A
PZE-107010692	A	A	A	A	A	A	A	A
PZE-107015740	A	A	A	A	A	A	A	A
PZE-107023224	C	C	C	C	C	C	C	C
PZE-107023339	G	G	G	G	G	G	G	G
PZE-107011683	T	T	T	T	T	T	T	T
PZE-107012088	G	G	G	G	G	G	A	A
PZE-107012310	A	A	A	A	A	A	A	A
PZE-107025115	A	A	A	A	A	A	A	A
PZE-107025325	T	T	T	T	T	T	T	T
PZE-105069709	G	G	G	G	G	G	G	G
PZE-105069912	T	T	T	T	T	T	T	T
PZE-106128325	A	A	A	A	A	A	A	A
PZE-106129549	G	G	G	G	G	G	G	G
PZE-107032809	A	A	A	A	A	A	A	A
PZE-107032930	T	T	T	T	T	T	T	T
PZE-105079909	T	T	T	T	T	T	T	T
PZE-106129899	C	C	C	C	C	C	C	C
PZE-107004578	A	A	A	A	A	A	A	A
PZE-107041308	T	T	T	T	T	T	T	T
PZE-107020997	T	T	T	T	T	T	T	T
PZE-107029470	C	C	C	C	C	C	C	C
PZE-107023669	C	C	C	C	C	C	C	C
PZE-107013193	A	A	A	A	A	A	A	A
PZE-107013199	C	C	C	C	C	C	C	C
PZE-107013546	T	T	T	T	T	T	T	T
PZE-107013677	A	A	A	A	A	A	A	A
PZE-107025858	A	A	A	A	A	A	A	A
PZE-105056557	C	C	C	C	C	C	A	A
PZE-107029554	C	C	C	C	C	C	C	C
PZE-107031153	C	C	C	C	C	C	C	C
PZE-107031164	C	C	C	C	C	C	C	C
PZE-107036893	A	A	A	A	A	A	A	A
PZE-106129968	G	G	G	G	G	G	G	G
PZE-109026651	T	T	T	T	T	T	T	T
PZE-109026940	T	T	T	T	T	T	T	T

PZE-109027147	A	A	A	A	A	A	A	A
PZE-108103185	G	G	G	G	G	G	G	G
PZE-108088067	A	A	A	A	A	A	A	A
PZE-108088196	A	A	A	A	A	A	A	A
PZE-108108473	G	G	G	G	G	G	G	G
PZE-108108491	T	T	T	T	T	T	T	T
PZE-108092516	T	T	T	T	T	T	G	G
PZE-108092820	G	G	G	G	G	G	A	A
PZE-104063220	T	T	T	T	T	T	C	C
PZE-109018465	C	C	C	C	T	T	T	T
PZE-109018474	A	A	A	A	A	A	A	A
PZE-108110041	A	A	A	A	A	A	A	A
PZE-108110131	C	C	C	C	C	C	C	C
PZE-108110136	G	G	G	G	G	G	G	G
PZE-109003902	C	C	C	C	C	C	C	C
PZE-108116285	G	G	G	G	G	G	G	G
PZE-108117130	A	A	A	A	A	A	A	A
PZE-108117321	G	G	G	G	G	G	G	G
PZE-109019364	G	G	G	G	G	G	G	G
PZE-109019490	A	A	A	A	G	G	G	G
PZE-108084409	C	C	C	C	C	C	C	C
PZE-109004727	C	C	C	C	C	C	C	C
PZE-109004762	C	C	C	C	C	C	C	C
PZE-109008994	C	C	C	C	C	C	C	C
PZE-109009258	A	A	A	A	A	A	A	A
PZE-109009342	C	C	C	C	C	C	C	C
PZE-109009619	C	C	C	C	C	C	C	C
PZE-109009763	A	A	A	A	A	A	A	A
PZE-108085812	T	T	T	T	T	T	T	T
PZE-108085971	A	A	A	A	A	A	A	A
PZE-108103524	C	C	C	C	C	C	C	C
PZE-108104357	T	T	T	T	T	T	C	C
PZE-109024797	C	C	C	C	T	T	T	T
PZE-109025557	G	G	G	G	G	G	G	G
PZE-109025646	C	C	C	C	C	C	C	C
PZE-108088583	G	G	G	G	G	G		
PZE-108118698	T	T	T	T	T	T	T	T
PZE-108118699	A	A	A	A	A	A	A	A
PZE-104056820	C	C	C	C	C	C	C	C
PZE-104056866	C	C	C	C	C	C	C	C
PZE-109000860	A	A	A	A	A	A	A	A
PZE-109000915	T	T	T	T			T	T
PZE-109001327	C	C	C	C	C	C	C	C
PZE-109011477	G	G	G	G	G	G	G	G
PZE-109023492	T	T	T	T	T	T	T	T
PZE-109023854	A	A	A	A	A	A	A	A
PZE-104064212	C	C	C	C	C	C	C	C
PZE-108110509	G	G	G	G	G	G	G	G

PZE-108110593	C	C	C	C	C	C	C	C
PZE-109005409	T	T	T	T	T	T	T	T
PZE-109020307	G	G	G	G	G	G	G	G
PZE-109020361	T	T	T	T	T	T	T	T
PZE-109021109	T	T	T	T	C	C	C	C
PZE-108120155	T	T	T	T	T	T	T	T
PZE-109010021	A	A	A	A	A	A	A	A
PZE-109010476	T	T	T	T	T	T	T	T
PZE-109010934	G	G	G	G	G	G	G	G
PZE-108100726	C	C	C	C	C	C	C	C
PZE-109028615	T	T	T	T	T	T	T	T
PZE-108089827	A	A	A	A	A	A	A	A
PZE-109024175	G	G	G	G	G	G	A	A
PZE-108095270	G	G	G	G	G	G	G	G
PZE-109002004	C	C	C	C			C	C
PZE-109002005	T	T	T	T	T	T	T	T
PZE-109016609	A	A	A	A	A	A	A	A
PZE-109002649	T	T	T	T	T	T	T	T
PZE-109003047	G	G	G	G	G	G	G	G
PZE-108113271	A	A	A	A	A	A	A	A
PZE-108113621	A	A	A	A	A	A	A	A
PZE-104069306	C	C	C	C	C	C	C	C
PZE-104069513	G	G	G	G	G	G	G	G
PZE-109017196	A	A	A	A	A	A	A	A
PZE-108082591	C	C	C	C	C	C	C	C
PZE-108082808	C	C	C	C	C	C	C	C
PZE-109027723	G	G	G	G	A	A	A	A
PZE-109027846	A	A	A	A	G	G	G	G
PZE-108086766	T	T	T	T	T	T	T	T
PZE-108086776	T	T	T	T	T	T	T	T
PZE-109006355	A	A	A	A	A	A	A	A
PZE-109006730	G	G	G	G	G	G	G	G
PZE-109006938	A	A	A	A	G	G	A	A
PZE-109006992	G	G	G	G			G	G
PZE-104049616	T	T	T	T	T	T	C	C
PZE-104049624	T	T	T	T	T	T	C	C
PZE-108100984	C	C	C	C	C	C	C	C
PZE-108101407	T	T	T	T	T	T	T	T
PZE-104055857	A	A	A	A	A	A	A	A
PZE-108135936	T	T	T	T	T	T	T	T
PZE-108107190	A	A	A	A	A	A	A	A
PZE-108107270	A	A	A	A	A	A	A	A
PZE-109003256	T	T	T	T	T	T	T	T
PZE-108091439	C	C	C	C	C	C	A	A
PZE-108091532	A	A	A	A	A	A	A	A
PZE-104062764	C	C	C	C	C	C	C	C
PZE-109017457	T	T	T	T	T	T	T	T
PZE-109018101	G	G	G	G	G	G	G	G

PZE-109003658	C	C	C	C	C	C	C	C
PZE-109021337	G	G	G	G	G	G	G	G
PZE-108114021	C	C	C	C	C	C	C	C
PZE-108114666	G	G	G	G	G	G	G	G
PZE-108115144	A	A	A	A	A	A	A	A
PZE-108115404	C	C	C	C	A	A	A	A
PZE-108116182	G	G	G	G	G	G	G	G
PZE-104069746	A	A	A	A	A	A	A	A
PZE-109018222	A	A	A	A	A	A	A	A
PZE-108083595	C	C	C	C	C	C	C	C
PZE-109021389	A	A	A	A	G	G	G	G
PZE-109021584	C	C	C	C	C	C	C	C
PZE-109021681	T	T	T	T	T	T	T	T
PZE-109008014	G	G	G	G	G	G	G	G
PZE-109008242	T	T	T	T	T	T	T	T
PZE-109008323	T	T	T	T	T	T	T	T
PZE-104049978	G	G	G	G	G	G	G	G
PZE-104050087	C	C	C	C	C	C	C	C
PZE-108084307	C	C	C	C	C	C	C	C
PZE-104054769	G	G	G	G	G	G	G	G
PZE-104054804	C	C	C	C	C	C	C	C
PZE-106068519	G	G	G	G	G	G	G	G
PZE-106081887	G	G	G	G	G	G	A	A
PZE-104058241	A	A	A	A	A	A	A	A
PZE-104065164	G	G	G	G	G	G	G	G
PZE-106038208	C	C	C	C	C	C	C	C
PZE-106038471	A	A	A	A	A	A	A	A
PZE-104080257	C	C	C	C	C	C	C	C
PZE-104080267	C	C	C	T	C	C	C	C
PZE-104078976	T	T	T	T	T	T	T	T
PZE-104078977	G	G	G	G	G	G	G	G
PZE-104054953	A	A	A	A	A	A	A	A
PZE-106051238	G	G	G	G	G	G	G	G
PZE-106051765	G	G	G	G	G	G	G	G
PZE-106068720	T	T	T	T	T	T	T	T
PZE-104080388	C	C	C	C	C	C	C	C
PZE-104080391	T	T	T	T	T	T	T	T
PZE-104076328	C	C	C	C	C	C	C	C
PZE-106069685	A	A	A	A	A	A	A	A
PZE-104055631	C	C	C	C	C	C	C	C
PZE-106083557	G	G	T	T	T	T	T	T
PZE-104059776	A	A	A	A	A	A	A	A
PZE-104061297	G	G	G	G	G	G	G	G
PZE-106052536	G	G	G	G	G	G	G	G
PZE-104075009	T	T	T	T	T	T	T	T
PZE-104077152	G	G	G	G	G	G	G	G
PZE-104077580	G	G	G	G	G	G	G	G
PZE-104077682	A	A	A	A	A	A	A	A

PZE-106052904	C	C	C	C	C	C	C	C
PZE-106053439	G	G	G	G	G	G	G	G
PZE-106053554	T	T	T	T	T	T	T	T
PZE-104078223	A	A	A	A	A	A	A	A
PZE-104058720	C	C	C	C	C	C	C	C
PZE-104053609	C	C	C	C	C	C	C	C
PZE-104061623	G	G	G	G	G	G	G	G
PZE-104068824	C	C	C	C	C	C	C	C
PZE-104064611	C	C	C	C	C	C	C	C
PZE-104072142	T	T	T	T	T	T	T	T
PZE-106049962	T	T	T	T	T	T	T	T
PZE-106050102	A	A	A	A	A	A	A	A
PZE-104072386	T	T	T	T	T	T	T	T
PZE-104082037	T	T	T	T	T	T	T	T
PZE-106067368	T	T	T	T	T	T	T	T
PZE-106067493	C	C	C	C	C	C	C	C
PZE-104050723	G	G	G	G	G	G	G	G
PZE-104082879	C	C	C	C	C	C	C	C
PZE-104052231	G	G	G	G	G	G	G	G
PZE-104053903	C	C	C	C	C	C	C	C
PZE-106067697	T	T	T	T	T	T	T	T
PZE-106080906	G	G	G	G	G	G	A	A
PZE-104057788	C	C	C	C	C	C	C	C
PZE-106081362	G	G	G	G	G	G	G	G
PZE-104066589	T	T	T	T	T	T	T	T
PZE-104060727	G	G	G	G	G	G	G	G
PZE-104067836	C	C	C	C	C	C	C	C
PZE-104067991	T	T	T	T	T	T	T	T
PZE-104066750	G	G	G	G	G	G	G	G
PZE-104075114	T	T	T	T	T	T	T	T
PZE-104080745	A	A	A	A	A	A	A	A
PZE-104051033	C	C	C	C	C	C	C	C
PZE-104052618	G	G	G	G	G	G	G	G
PZE-105098722	C	C	C	C	C	C	C	C
PZE-107057869	C	C	C	C	C	C	C	C
PZE-105117483	C	C	C	C	C	C	C	C
PZE-105117617	G	G	G	G	G	G	G	G
PZE-105117757	G	G	G	G	G	G	G	G
PZE-105106024	T	T	T	T	T	T	T	T
PZE-105108191	C	C	C	C	C	C	C	C
PZE-107072833	G	G	G	G	G	G	G	G
PZE-107072910	T	T	T	T	T	T	T	T
PZE-105137940	C	C	C	C	C	C	C	C
PZE-105138135	T	T	T	T	T	T	T	T
PZE-105122300	C	C	C	C	C	C	C	C
PZE-105122422	G	G	A	A	A	A	G	G
PZE-105108791	A	A	A	A	A	A	A	A
PZE-105108884	A	A	A	A	A	A	A	A

PZE-107073339	A	A	A	A	A	A	A	A
PZE-107042902	G	G	G	G	G	G	G	G
PZE-105094801	T	T	T	T	T	T	T	T
PZE-105142709	C	C	C	C	C	C	C	C
PZE-105142850	G	G	G	G	G	G	G	G
PZE-105128588	A	A	A	A	A	A	A	A
PZE-105147698	T	T	T	T	T	T	T	T
PZE-107049444	C	C	C	C	C	C	C	C
PZE-105118656	T	T	T	T	T	T	T	T
PZE-105119257	G	G	G	G	G	G	G	G
PZE-107058547	C	C	C	C	C	C	C	C
PZE-105156153	G	G	G	G	G	G	G	G
PZE-105156453	T	T	T	T	T	T	T	T
PZE-105099617	T	T	T	T	T	T	T	T
PZE-107074506	A	A	A	A	A	A	A	A
PZE-107074582	T	T	T	T	T	T	T	T
PZE-107074954	T	T	T	T	T	T	C	C
PZE-105138941	T	T	T	T	T	T	T	T
PZE-105139846	T	T	T	T	T	T	T	T
PZE-105140112	T	T	T	T	T	T	T	T
PZE-105123692	C	C	T	T	T	T	C	C
PZE-105123694	C	C	T	T	T	T	C	C
PZE-105124576	G	G	G	G	G	G	G	G
PZE-105125004	G	G	G	G	G	G	G	G
PZE-105125362	A	A	A	A	A	A	A	A
PZE-105099104	C	C	C	C	C	C	C	C
PZE-107075734	C	C	C	C	C	C	C	C
PZE-105146705	C	C	C	C	C	C	C	C
PZE-105129274	G	G	G	G	G	G	G	G
PZE-105155494	A	A	A	A	A	A	A	A
PZE-105104504	T	T	T	T	T	T	T	T
PZE-105104698	A	A	A	A	A	A	A	A
PZE-105099855	T	T	T	T	T	T	T	T
PZE-105110003	C	C	C	C	C	C	C	C
PZE-107058976	C	C	C	C	C	C	C	C
PZE-107059013	A	A	A	A	A	A	G	G
PZE-105140438	G	G	G	G	G	G	G	G
PZE-105106602	A	A	A	A	A	A	A	A
PZE-105099438	C	C	C	C	C	C	C	C
PZE-107075817	G	G	G	G	G	G	G	G
PZE-107076350	G	G	G	G	G	G	G	G
PZE-105141007	C	C	C	C	C	C	C	C
PZE-105141173	C	C	C	C	C	C	C	C
PZE-105141477	C	C	C	C	C	C	C	C
PZE-105141478	T	T	T	T	T	T	T	T
PZE-105095533	A	A	A	A	A	A	A	A
PZE-105125892	G	G	G	G	G	G	G	G
PZE-105126109	C	C	C	C	C	C	C	C

PZE-105126444	G	G	G	G	G	G	G	G
PZE-105126747	G	G	G	G	G	G	G	G
PZE-107082759	A	A	A	A	A	A	A	A
PZE-107082760	A	A	A	A	A	A	A	A
PZE-107076796	C	C	C	C	C	C	C	C
PZE-105102442	G	G	G	G	G	G	G	G
PZE-105095752	A	A	A	A	A	A	A	A
PZE-105096172	C	C	C	C	C	C	C	C
PZE-105154147	T	T	T	T	T	T	T	T
PZE-107048581	A	A	A	A	A	A	A	A
PZE-105102631	T	T	T	T	T	T	T	T
PZE-105115518	G	G	G	G	G	G	G	G
PZE-105115759	T	T	T	T	T	T	T	T
PZE-105115809	T	T	T	T	T	T	T	T
PZE-105105286	A	A	A	A	A	A	A	A
PZE-105105397	C	C	C	C	C	C	C	C
PZE-105121377	G	G	A	A	A	A	G	G
PZE-105098055	G	G	G	G	G	G	G	G
PZE-105098310	A	A	A	A	A	A	A	A
PZE-107057785	C	C	C	C	C	C	C	C
PZE-105136175	G	G	G	G	G	G	G	G
PZE-105150346	T	T	T	T	T	T	T	T
PZE-105107214	G	G	G	G	G	G	G	G
PZE-105107370	G	G	G	G	G	G	G	G
PZE-105107675	A	A	A	A	A	A	A	A
PZE-107072122	A	A	A	A	A	A	A	A
PZE-107072354	A	A	A	A	A	A	G	G
PZE-105137112	T	T	T	T	T	T	T	T
PZE-105150581	T	T	T	T	T	T	T	T
PZE-105151612	A	A	A	A	A	A	A	A
PZE-105151649	T	T	T	T	T	T	T	T
PZE-105152260	A	A	A	A	A	A	A	A
PZE-105152264	G	G	G	G	G	G	G	G
PZE-105107815	C	C	C	C	C	C	C	C
PZE-105127667	T	T	A	A	T	T	T	T
PZE-105103245	G	G	G	G	G	G	G	G
PZE-105096406	G	G	G	G	G	G	G	G
PZE-105127743	G	G	G	G	G	G	G	G
PZE-105143985	G	G	G	G	G	G	G	G
PZE-105144035	G	G	G	G	G	G	G	G
PZE-105103501	G	G	G	G	G	G	G	G
PZE-109013687	C	C	C	C	C	C	C	C
PZE-109013974	C	C	C	C	C	C	T	T
PZE-108080073	G	G	G	G	G	G	G	G
PZE-107060446	A	A	A	A	A	A	A	A
PZE-107078801	G	G	G	G	G	G	G	G
PZE-107063166	G	G	G	G	G	G	G	G
PZE-107063357	T	T	T	T	T	T		

PZE-107068214	G	G	G	G	G	G	A	A
PZE-107068449	T	T	T	T	T	T	T	T
PZE-107088218	G	G	G	G	G	G	G	G
PZE-107088321	T	T	T	T	T	T	T	T
PZE-108096830	A	A	A	A	A	A	G	G
PZE-107079979	A	A	A	A	A	A	A	A
PZE-107089250	C	C	C	C	C	C	C	C
PZE-108097802	G	G	G	G	G	G	A	A
PZE-108128026	A	A	A	A			G	G
PZE-108128116	C	C	C	C	C	C	C	C
PZE-108130245	G	G	T	T	T	T	T	T
PZE-108131283	T	T	C	C	C	C	C	C
PZE-107044234	A	A	A	A	G	G	A	A
PZE-107044246	C	C	C	C	T	T	C	C
PZE-107051302	A	A	A	A	A	A	A	A
PZE-108131444	A	A	A	A	A	A	A	A
PZE-108133068	A	A	A	A	A	A	A	A
PZE-108133100	C	C	C	C	C	C	C	C
PZE-109014974	A	A	G	G	A	A	A	A
PZE-109015057	G	G	G	G	G	G	G	G
PZE-107051526	A	A	A	A	A	A	A	A
PZE-107053268	G	G	G	G	G	G	G	G
PZE-107086015	A	A	A	A	A	A	A	A
PZE-109015144	C	C	C	C	C	C	T	T
PZE-109015290	A	A	A	A	A	A	A	A
PZE-107061306	A	A	A	A	A	A	A	A
PZE-107064777	T	T	T	T	T	T	T	T
PZE-107065308	G	G	G	G	G	G	G	G
PZE-108081069	A	A	A	A	A	A	A	A
PZE-108098097	G	G	G	G	G	G	A	A
PZE-107086822	A	A	A	A	A	A	A	A
PZE-107086989	A	A	A	A	A	A	A	A
PZE-107055826	T	T	T	T	T	T	C	C
PZE-107055832	G	G	G	G	G	G		
PZE-107056650	A	A	A	A	A	A	A	A
PZE-107056722	G	G	G	G	G	G	G	G
PZE-108133621	A	A	A	A	A	A	A	A
PZE-108133641	C	C	C	C	C	C	C	C
PZE-108134479	A	A	C	C	C	C	C	C
PZE-108134712	A	A	A	A	A	A	A	A
PZE-107044556	T	T	T	T	C	C	T	T
PZE-107087395	C	C	C	C	C	C	C	C
PZE-107087405	C	C	C	C	C	C	C	C
PZE-107045875	C	C	C	C	A	A	C	C
PZE-107048058	C	C	C	C	C	C	C	C
PZE-108135132	G	G	G	G	G	G	G	G
PZE-108135143	G	G	G	G	G	G	G	G
PZE-109015674	T	T	T	T	T	T	T	T

PZE-107061406	C	C	C	C	C	C	A	A
PZE-107046004	T	T	T	T	T	T	T	T
PZE-107070313	A	A	A	A	A	A	G	G
PZE-107070987	C	C	C	C	C	C	C	C
PZE-109015843	G	G	G	G	A	A	G	G
PZE-109016177	C	C	C	C	T	T	C	C
PZE-108081298	A	A	A	A	A	A	A	A
PZE-107061634	A	A	A	A	A	A	G	G
PZE-107062095	T	T	T	T	T	T	T	T
PZE-107065747	G	G	G	G	G	G	G	G
PZE-107065748	A	A	A	A	A	A	A	A
PZE-107065791	C	C	C	C	C	C	C	C
PZE-107066081	T	T	T	T	T	T	T	T
PZE-107069682	G	G	G	G	G	G	A	A
PZE-107083628	G	G	G	G	G	G	G	G
PZE-107083821	G	G	G	G	G	G	A	A
PZE-107066119	C	C	C	C	C	C	C	C
PZE-107084726	G	G	G	G	G	G	A	A
PZE-108095329	A	A	A	A	A	A	A	A
PZE-108121529	C	C	C	C	C	C	C	C
PZE-108122325	T	T	T	T	T	T	T	T
PZE-108122589	C	C	C	C	C	C	C	C
PZE-108122960	A	A	A	A	A	A	A	A
PZE-108123038	G	G	G	G	G	G	G	G
PZE-108123565	T	T	T	T	T	T	T	T
PZE-108099425	G	G	G	G	G	G	G	G
PZE-108099484	G	G	G	G	G	G	G	G
PZE-107050086	A	A	A	A	A	A	A	A
PZE-107044727	C	C	C	C	A	A	C	C
PZE-107044806	C	C	C	C	G	G	C	C
PZE-108125652	G	G	G	G	G	G	G	G
PZE-108125684	A	A	A	A	A	A	A	A
PZE-109011569	G	G	G	G	G	G	G	G
PZE-109011738	C	C	C	C	C	C	C	C
PZE-109012061	A	A	A	A	A	A	A	A
PZE-109012535	T	T	T	T	T	T	T	T
PZE-107050383	A	A	A	A	A	A	A	A
PZE-107054297	C	C	C	C	C	C	C	C
PZE-107054542	T	T	T	T	T	T	T	T
PZE-106109857	G	G	G	G	G	G	G	G
PZE-107118935	A	A	A	A	A	A	A	A
PZE-108079256	C	C	C	C	C	C	C	C
PZE-107059652	T	T	T	T	T	T	T	T
PZE-107077092	C	C	C	C	C	C	C	C
PZE-107062980	G	G	G	G	G	G	G	G
PZE-107066645	A	A	A	A	A	A	a	c
PZE-107078060	T	T	T	T	T	T	T	T
PZE-107078400	C	C	C	C	C	C	C	C

PZE-107078770	G	G	G	G	G	G	G	G
PZE-107090250	T	T	T	T	T	T	T	T
PZE-107067144	A	A	A	A	A	A	G	G
PZE-107067237	C	C	C	C	C	C	C	C
PZE-107081792	A	A	A	A	A	A	A	A
PZE-108096791	C	C	C	C	C	C	T	T
PZE-108125850	A	A	A	A	A	A	A	A
PZE-108126393	T	T	T	T	T	T	T	T
PZE-108126650	C	C	C	C	C	C	C	C
PZE-108126856	A	A	A	A	A	A	C	C
PZE-107043973	A	A	A	A	A	A	A	A
PZE-107043997	C	C	C	C	C	C	C	C
PZE-109013000	G	G	A	A	G	G	A	A
PZE-107052761	A	A	A	A	A	A	A	A
PZE-107052764	C	C	C	C	C	C	C	C
PZE-107046954	C	C	C	C	C	C	C	C
PZE-107047007	T	T	T	T	T	T	T	T
PZE-107055203	G	G	G	G	G	G	G	G
PZE-106018399	C	C	C	C	C	C	C	C
PZE-104127244	A	A	A	A	A	A	A	A
PZE-104127500	A	A	A	A	A	A	A	A
PZE-106030560	C	C	C	C	C	C	C	C
PZE-106023350	A	A	A	A	A	A	A	A
PZE-106025785	T	T	T	T	T	T	T	T
PZE-104083441	A	A	A	A	A	A	A	A
PZE-106005879	A	A	A	A	A	A	A	A
PZE-106006003	G	G	G	G	G	G	G	G
PZE-106006358	T	T	T	T	T	T	T	T
PZE-106006485	C	C	C	C	C	C	C	C
PZE-106034571	C	C	C	C	C	C	T	T
PZE-104084234	C	C	C	C	C	C	C	C
PZE-104097271	G	G	G	G	G	G	G	G
PZE-104097532	A	A	A	A	A	A	A	A
PZE-104097807	G	G	G	G	G	G	G	G
PZE-106015639	T	T	T	T	T	T	G	G
PZE-106015808	G	G	G	G	G	G	A	A
PZE-106007950	G	G	G	G	G	G	G	G
PZE-106009496	A	A	A	A	A	A	A	A
PZE-104114385	C	C	C	C	C	C	C	C
PZE-104114554	A	A	A	A	A	A	A	A
PZE-106022387	T	T	T	T	T	T	T	T
PZE-106030763	G	G	G	G	G	G	G	G
PZE-106017575	A	A	A	A	A	A	A	A
PZE-106017589	A	A	A	A	A	A	A	A
PZE-106034368	A	A	A	A	A	A	A	A
PZE-104114790	C	C	C	C	C	C	C	C
PZE-104127853	T	T	T	T	T	T	G	G
PZE-106023979	C	C	C	C	C	C	T	T

PZE-104084292	A	A	A	A	A	A	A	A
PZE-104084579	C	C	C	C	C	C	C	C
PZE-106024581	C	C	C	C	C	C	C	C
PZE-106032757	T	T	T	T	T	T	T	T
PZE-106008406	C	C	C	C	C	C	C	C
PZE-106010206	G	G	G	G	G	G	G	G
PZE-106010241	C	C	C	C	C	C	C	C
PZE-104099220	C	C	C	C	C	C	A	A
PZE-104115259	A	A	A	A	A	A	A	A
PZE-106031200	G	G	G	G	G	G	G	G
PZE-106019350	G	G	G	G	G	G	G	G
PZE-104128425	G	G	G	G	G	G	G	G
PZE-106031629	T	T	T	T	T	T	G	G
PZE-106019045	C	C	C	C	C	C	C	C
PZE-104085482	C	C	C	C	C	C	C	C
PZE-106025206	A	A	A	A	A	A	A	A
PZE-106033954	A	A	A	A	A	A	A	A
PZE-104094616	C	C	C	C	C	C	C	C
PZE-104095248	C	C	C	C	C	C	C	C
PZE-104095727	T	T	T	T	T	T	T	T
PZE-104095850	G	G	G	G	G	G	G	G
PZE-104086308	A	A	A	A	A	A	A	A
PZE-104099276	G	G	G	G	G	G	A	A
PZE-104099380	G	G	G	G	G	G	T	T
PZE-106016821	T	T	T	T	T	T	T	T
PZE-106008956	G	G	G	G	G	G	G	G
PZE-104112419	A	A	A	A	A	A	A	A
PZE-104112702	C	C	C	C	C	C	C	C
PZE-104112784	G	G	G	G	G	G	G	G
PZE-104099687	T	T	T	T	T	T	G	G
PZE-106008963	T	T	T	T	T	T	T	T
PZE-104116614	G	G	G	G	G	G	G	G
PZE-104128725	C	C	C	C	C	C	C	C
PZE-104132752	C	C	C	C	C	C	T	T
PZE-104128990	C	C	C	C	C	C	C	C
PZE-106007655	T	T	T	T	T	T	G	G
PZE-106025525	G	G	G	G	G	G	G	G
PZE-106035421	C	C	C	C	C	C	T	T
PZE-104133568	T	T	T	T	T	T	C	C
PZE-104096016	G	G	G	G	G	G	G	G
PZE-104096826	G	G	G	G	G	G	A	A
PZE-106016962	T	T	T	T	T	T	T	T
PZE-106017177	G	G	G	G	G	G	G	G
PZE-106035842	A	A	A	A	A	A	A	A
PZE-104097152	T	T	T	T	T	T	T	T
PZE-104113283	C	C	C	C	C	C	C	C
PZE-106030282	A	A	A	A	A	A	G	G
PZE-104124260	T	T	T	T	T	T	T	T

PZE-104129724	A	A	A	A	A	A	A	A
PZE-104130234	T	T	T	T	T	T	T	T
PZE-104121726	T	T	T	T	T	T	T	T
PZE-104132504	G	G	G	G	G	G	G	G
PZE-104132510	C	C	C	C	C	C	C	C
PZE-104086676	T	T	T	T	T	T	T	T
PZE-104136614	G	G	G	G	G	G	G	G
PZE-104136748	C	C	C	C	C	C	C	C
PZE-104089424	A	A	A	A	A	A	A	A
PZE-104093384	T	T	T	T	T	T	T	T
PZE-105112596	A	A	A	A	A	A	A	A
PZE-105113193	C	C	C	C	C	C	C	C
PZE-104101517	T	T	T	T	T	T	T	T
PZE-104089679	C	C	C	C	C	C	C	C
PZE-104089746	T	T	T	T	T	T	T	T
PZE-104110857	G	G	G	G	G	G	G	G
PZE-104111382	T	T	T	T	T	T	T	T
PZE-105132815	A	A	A	A	A	A	A	A
PZE-105093070	T	T	T	T	T	T	T	T
PZE-104102908	C	C	T	T	C	C	C	C
PZE-104117455	G	G	A	A	A	A	G	G
PZE-104106461	T	T	T	T	T	T	T	T
PZE-104094429	A	A	A	A	A	A	A	A
PZE-105093093	A	A	A	A	A	A	A	A
PZE-104125843	C	C	C	C	C	C	T	T
PZE-104126415	G	G	G	G	G	G	A	A
PZE-104126472	C	C	C	C	C	C	T	T
PZE-105101310	T	T	T	T	T	T	T	T
PZE-104130784	T	T	T	T	T	T	T	T
PZE-104135927	A	A	A	A	A	A	A	A
PZE-105113799	T	T	T	T	T	T	T	T
PZE-105113974	C	C	C	C	C	C	C	C
PZE-104087711	G	G	G	G	G	G	G	G
PZE-104103091	G	G	G	G	G	G	G	G
PZE-104111489	C	C	C	C	C	C	C	C
PZE-104111519	A	A	A	A	A	A	A	A
PZE-105114143	T	T	T	T	T	T	T	T
PZE-105134147	G	G	G	G	G	G	A	A
PZE-104103747	T	T	T	T	T	T	T	T
PZE-104118502	C	C	C	C	C	C	T	T
PZE-104107279	C	C	C	C	C	C	C	C
PZE-104135287	A	A	A	A	A	A	A	A
PZE-105093691	C	C	C	C	C	C	C	C
PZE-104131042	T	T	T	T	T	T	T	T
PZE-104135978	T	T	T	T	T	T	T	T
PZE-105101854	C	C	C	C	C	C	C	C
PZE-104131635	T	T	T	T	T	T	T	T
PZE-105110718	G	G	G	G	G	G	G	G

PZE-105129709	C	C	C	C	C	C	C	C
PZE-105114670	C	C	C	C	C	C	C	C
PZE-104088221	G	G	G	G	G	G	G	G
PZE-104104330	T	T	T	T	T	T	T	T
PZE-104104502	C	C	C	C	C	C	C	C
PZE-104104541	G	G	G	G	G	G	G	G
PZE-104091297	G	G	G	G	G	G	G	G
PZE-104092320	A	A	A	A	A	A	A	A
PZE-105144669	G	G	G	G	G	G	G	G
PZE-105115210	G	G	G	G	G	G	G	G
PZE-105134671	T	T	T	T	T	T	T	T
PZE-104105055	A	A	A	A	A	A	A	A
PZE-104105165	G	G	G	G	G	G	G	G
PZE-104120017	A	A	A	A	A	A	A	A
PZE-104108132	G	G	G	G	G	G	G	G
PZE-104108287	T	T	T	T	T	T	T	T
PZE-104108744	T	T	T	T	T	T	T	T
PZE-104123129	T	T	T	T	T	T	T	T
PZE-105145357	G	G	G	G	G	G	G	G
PZE-104133764	A	A	A	A	A	A	G	G
PZE-105100187	C	C	C	C	C	C	C	C
PZE-105100373	C	C	C	C	C	C	C	C
PZE-105094167	A	A	A	A	A	A	A	A
PZE-104088871	G	G	A	G	G	G	G	G
PZE-104134644	T	T	T	T	T	T	T	T
PZE-105111406	G	G	G	G	G	G	G	G
PZE-105111861	A	A	A	A	A	A	A	A
PZE-105130670	C	C	C	C	C	C	C	C
PZE-104099876	T	T	T	T	T	T	T	T
PZE-104100716	C	C	C	C	C	C	C	C
PZE-104100822	G	G	G	G	G	G	G	G
PZE-104101251	A	A	G	G	G	G	A	A
PZE-104088979	T	T	T	T	T	T	T	T
PZE-104089383	A	A	A	A	A	A	A	A
PZE-104105586	G	G	G	G	G	G	G	G
PZE-104092499	G	G	G	G	G	G	G	G
PZE-104109023	G	G	G	G	G	G	G	G
PZE-105130799	A	A	A	A	A	A	A	A
PZE-105130800	C	C	C	C	C	C	C	C
PZE-105130825	T	T	T	T	T	T	T	T
PZE-105130870	C	C	C	C	C	C	C	C
PZE-104101436	T	T	T	T	T	T	T	T
PZE-104106033	A	A	A	A	A	A	G	G
PZE-104106157	G	G	G	G	G	G	G	G
PZE-104109208	T	T	T	T	T	T	T	T
PZE-104109566	G	G	G	G	G	G	G	G
PZE-104109689	G	G	G	G	G	G	G	G
PZE-104110372	C	C	C	C	C	C	C	C

PZE-104123813	A	A	A	A	A	A	A	A
PZE-108025613	C	C	C	C	C	C	C	C
PZE-109051663	T	T	T	T	C	C	C	C
PZE-109057682	G	G	G	G	G	G	G	G
PZE-108033776	C	C	C	C	C	C	C	C
PZE-108041018	T	T	T	T	T	T	T	T
PZE-109058129	C	C	C	C	C	C	C	C
PZE-108015703	C	C	C	C	C	C	C	C
PZE-108016030	T	T	T	T	T	T	T	T
PZE-108016243	G	G	G	G	G	G	G	G
PZE-108016244	C	C	C	C	C	C	C	C
PZE-107137158	A	A	A	A	A	A	A	A
PZE-108003848	G	G	G	G	G	G	G	G
PZE-108004263	A	A	A	A	A	A	A	A
PZE-108016518	C	C	C	C	C	C	C	C
PZE-108016548	T	T	T	T	T	T	T	T
PZE-108030050	A	A	A	A	A	A	A	A
PZE-108030174	G	G	G	G	G	G	G	G
PZE-107137797	G	G	G	G	G	G	G	G
PZE-108020640	C	C	C	C	C	C	C	C
PZE-108004274	A	A	A	A	A	A	A	A
PZE-108004388	T	T	T	T	T	T	T	T
PZE-109043519	C	C	C	C	C	C	C	C
PZE-109052137	C	C	C	C	C	C	C	C
PZE-108036755	T	T	T	T	T	T	T	T
PZE-108021296	G	G	G	G	G	G	G	G
PZE-108004841	A	A	A	A	A	A	A	A
PZE-108004843	T	T	T	T	T	T	T	T
PZE-107128836	A	A	A	A	A	A	A	A
PZE-107129811	G	G	G	G	G	G	G	G
PZE-107129950	C	C	C	C	C	C	C	C
PZE-107130520	A	A	A	A	A	A	A	A
PZE-108040317	C	C	C	C	C	C	C	C
PZE-109029621	G	G	G	G	G	G	G	G
PZE-108016906	G	G	G	G	G	G	G	G
PZE-108016983	T	T	T	T	T	T	T	T
PZE-108018250	T	T	T	T	T	T	T	T
PZE-108040407	A	A	A	A	A	A	A	A
PZE-108026312	A	A	A	A	A	A	A	A
PZE-108033821	G	G	G	G	G	G	G	G
PZE-108005561	A	A	A	A	A	A	A	A
PZE-108026419	T	T	T	T	T	T	T	T
PZE-109044048	C	C	C	C	A	A	A	A
PZE-108021864	G	G	G	G	G	G	G	G
PZE-108021868	T	T	T	T	T	T	T	T
PZE-108022547	G	G	G	G	G	G	G	G
PZE-108022595	A	A	A	A	A	A	A	A
PZE-108034788	C	C	C	C	C	C	C	C

PZE-107132535	A	A	A	A	A	A	A	A
PZE-108037857	T	T	T	T	T	T	T	T
PZE-108037876	A	A	A	A	A	A	A	A
PZE-108034442	T	T	T	T	T	T	T	T
PZE-109030178	T	T	T	T	T	T	T	T
PZE-107132828	A	A	A	A	A	A	A	A
PZE-108018815	C	C	C	C	C	C	C	C
PZE-108038256	A	A	A	A	A	A	A	A
PZE-108038334	G	G	G	G	G	G	G	G
PZE-109035663	G	G	G	G	G	G	G	G
PZE-109035852	G	G	G	G	T	T	G	G
PZE-108019544	A	A	A	A	A	A	A	A
PZE-108031179	C	C	C	C	C	C	C	C
PZE-108031218	G	G	G	G	G	G	G	G
PZE-108001108	G	G	G	G	G	G	G	G
PZE-108001699	G	G	G	G	G	G	G	G
PZE-108031711	T	T	T	T	T	T	T	T
PZE-108023549	C	C	C	C	C	C	C	C
PZE-108023953	C	C	C	C	C	C	C	C
PZE-108024116	C	C	C	C	C	C	C	C
PZE-108032904	A	A	A	A	A	A	A	A
PZE-108033126	C	C	C	C	C	C	C	C
PZE-109051302	T	T	T	T	C	C	T	T
PZE-109060192	G	G	G	G	G	G	A	A
PZE-109053325	T	T	T	T	T	T	C	C
PZE-107134212	A	A	G	G	G	G	A	A
PZE-107134626	A	A	A	A	A	A	A	A
PZE-107135804	T	T	G	G	G	G	G	G
PZE-107135851	A	A	G	G	A	A	A	A
PZE-109061001	A	A	A	A	A	A	G	G
PZE-109030589	G	G	G	G	A	A	G	G
PZE-107136165	T	T	C	C	T	T	T	T
PZE-108019866	A	A	A	A	A	A	A	A
PZE-108002184	C	C	C	C	C	C	C	C
PZE-109037850	C	C	C	C	C	C	C	C
PZE-109038023	G	G	G	G	G	G	G	G
PZE-108031753	C	C	C	C	C	C	C	C
PZE-108024298	C	C	C	C	C	C	C	C
PZE-108024691	C	C	C	C	C	C	C	C
PZE-108025003	A	A	A	A	A	A	A	A
PZE-109044875	T	T	T	T	T	T	T	T
PZE-109044924	A	A	A	A	G	G	A	A
PZE-106011319	T	T	T	T	T	T	T	T
PZE-106011532	C	C	C	C	C	C	C	C
PZE-109034315	T	T	T	T	T	T	A	A
PZE-106014205	G	G	G	G	G	G	G	G
PZE-109032648	C	C	C	C	C	C	C	C
PZE-109032898	T	T	T	T	T	T	T	T

PZE-109041658	T	T	T	T	G	G	T	T
PZE-109045288	C	C	C	C	T	T	C	C
PZE-109041733	T	T	T	T	T	T	T	T
PZE-109049246	C	C	C	C	C	C	T	T
PZE-106000911	T	T	T	T	T	T	T	T
PZE-106001375	T	T	T	T	T	T	T	T
PZE-106001418	A	A	A	A	A	A	A	A
PZE-109054389	A	A	A	A	A	A	G	G
PZE-109062403	G	G	G	G	G	G	A	A
PZE-109035117	G	G	G	G	G	G	G	G
PZE-109035156	C	C	C	C	C	C	C	C
PZE-106012837	C	C	C	C	C	C	C	C
PZE-109054419	G	G	G	G	G	G	G	G
PZE-106020775	C	C	C	C	C	C	C	C
PZE-106020782	A	A	A	A	A	A	A	A
PZE-109033093	G	G	G	G	A	A	G	G
PZE-109056967	C	C	C	C	C	C	C	C
PZE-109057209	C	C	C	C	C	C	C	C
PZE-109041967	T	T	T	T	T	T	T	T
PZE-109050180	C	C	C	C	T	T	C	C
PZE-109050317	C	C	C	C	C	C	C	C
PZE-106002839	T	T	T	T	T	T	T	T
PZE-106002972	A	A	A	A	A	A	A	A
PZE-106003350	C	C	C	C	C	C	A	A
PZE-106003733	A	A	A	A	A	A	A	A
PZE-106003908	T	T	T	T	T	T	T	T
PZE-109054725	G	G	G	G	G	G	A	A
PZE-109047415	T	T	T	T	T	T	T	T
PZE-109047581	G	G	G	G	A	A	A	A
PZE-109047635	G	G	G	G	T	T	T	T
PZE-109062229	C	C	C	C	C	C	T	T
PZE-106013155	T	T	T	T	T	T	T	T
PZE-109054925	G	G	G	G	G	G	T	T
PZE-109056744	G	G	G	G	G	G	G	G
PZE-109034832	T	T	T	T	C	C	T	T
PZE-109031737	G	G	G	G	G	G	G	G
PZE-109038921	G	G	G	G	G	G	G	G
PZE-106027241	A	A	A	A	A	A	G	G
PZE-106027262	C	C	C	C	C	C	T	T
PZE-109039022	G	G	G	G	G	G	G	G
PZE-109040932	T	T	T	T	C	C	C	C
PZE-109040944	T	T	T	T	A	A	A	A
PZE-106036132	A	A	A	A	A	A	A	A
PZE-106036246	A	A	A	A	A	A	A	A
PZE-106003958	C	C	C	C	C	C	C	C
PZE-106004192	G	G	G	G	G	G	T	T
PZE-109055139	T	T	T	T	T	T	T	T
PZE-109055211	T	T	T	T	T	T	T	T

PZE-109048180	G	G	G	G	G	G	G	G
PZE-106011052	A	A	A	A	A	A	A	A
PZE-106013454	C	C	C	C	C	C	C	C
PZE-109061895	A	A	A	A	A	A	G	G
PZE-109034150	T	T	T	T	T	T	T	T
PZE-106027786	C	C	C	C	C	C	T	T
PZE-106027816	A	A	A	A	A	A	G	G
PZE-109039430	G	G	G	G	G	G	G	G
PZE-109039878	G	G	G	G	A	A	A	A
PZE-106033608	T	T	T	T	T	T	C	C
PZE-106004707	T	T	T	T	T	T	T	T
PZE-106004997	C	C	C	C	C	C	C	C
PZE-109046891	C	C	C	C	A	A	A	A
PZE-109058305	A	A	A	A	A	A	G	G
PZE-109048473	T	T	T	T	T	T	C	C
PZE-108063662	G	G	G	G	G	G	G	G
PZE-104153766	A	A	A	A	A	A	A	A
PZE-104153828	G	G	G	G	A	A	G	G
PZE-104138961	C	C	C	C	C	C	C	C
PZE-104139257	T	T	T	T	T	T	T	T
PZE-108044930	A	A	A	A	A	A	A	A
PZE-108075125	C	C	C	C	C	C	C	C
PZE-108075220	T	T	T	T	T	T	T	T
PZE-104154610	G	G	G	G	G	G	G	G
PZE-104154700	A	A	A	A	G	G	A	A
PZE-105033242	T	T	T	T	T	T	T	T
PZE-105033663	G	G	G	G	G	G	G	G
PZE-105033869	A	A	A	A	A	A	A	A
PZE-105002105	T	T	T	T	T	T	T	T
PZE-105002166	C	C	C	C	C	C	C	C
PZE-105003736	C	C	C	C	C	C	C	C
PZE-105006095	G	G	G	G	G	G	G	G
PZE-105006142	G	G	G	G	G	G	G	G
PZE-105006245	C	C	C	C	C	C	C	C
PZE-105038994	G	G	G	G	G	G	G	G
PZE-108053922	G	G	G	G	G	G	G	G
PZE-105034376	A	A	A	A	A	A	A	A
PZE-105034671	T	T	T	T	T	T	T	T
PZE-108052389	T	T	T	T			C	C
PZE-108061742	G	G	G	G	G	G	G	G
PZE-108062040	G	G	G	G	G	G	G	G
PZE-108054246	G	G	G	G			A	A
PZE-105049305	T	T	T	T	T	T	T	T
PZE-108062147	C	C	C	C	C	C	C	C
PZE-104155284	C	C	C	C	C	C	T	T
PZE-104155312	A	A	A	A	A	A	G	G
PZE-104156127	A	A	A	A	G	G	G	G
PZE-108050861	C	C	C	C			T	T

PZE-108050886	T	T	T	T	T	T	T	T
PZE-108045786	G	G	G	G	G	G	G	G
PZE-104156611	C	C	C	C	C	C	C	C
PZE-104156615	G	G	G	G	G	G	G	G
PZE-104157101	C	C	C	C	T	T	C	C
PZE-105035340	G	G	G	G	G	G	G	G
PZE-108052599	T	T	T	T	T	T	T	T
PZE-105035757	C	C	C	C	C	C	C	C
PZE-108070556	C	C	C	C	C	C	C	C
PZE-108062468	A	A	A	A	A	A	A	A
PZE-108054987	T	T	T	T			C	C
PZE-105047985	A	A	A	A	A	A	G	G
PZE-108073336	T	T	T	T	T	T	T	T
PZE-108073574	G	G	G	G	G	G	G	G
PZE-104137353	G	G	G	G	G	G	G	G
PZE-104157783	T	T	T	T	C	C	T	T
PZE-108051263	A	A	A	A	A	A	A	A
PZE-108077370	T	T	T	T	T	T	T	T
PZE-108077475	A	A	A	A	A	A	A	A
PZE-108046270	A	A	A	A	G	G	G	G
PZE-108077871	G	G	G	G	G	G	G	G
PZE-108077878	A	A	A	A	A	A	A	A
PZE-104158105	T	T	T	T	T	T	T	T
PZE-108060700	G	G	G	G	G	G	G	G
PZE-105037563	C	C	C	C	C	C	C	C
PZE-108071309	G	G	G	G	G	G	G	G
PZE-108063102	C	C	C	C	C	C	C	C
PZE-108072092	A	A	A	A	A	A	A	A
PZE-108044512	A	A	A	A	A	A	A	A
PZE-108044552	T	T	T	T	T	T	T	T
PZE-108063274	C	C	C	C	C	C	C	C
PZE-105054496	C	C	C	C	C	C	T	T
PZE-104137814	C	C	C	C	C	C	C	C
PZE-104137946	A	A	A	A	A	A	A	A
PZE-104138060	A	A	A	A	A	A	A	A
PZE-108051805	T	T	T	T	T	T	T	T
PZE-104153023	T	T	T	T	T	T	T	T
PZE-104153083	G	G	G	G	G	G	G	G
PZE-108046584	G	G	G	G	G	G	G	G
PZE-108046705	T	T	T	T	C	C	C	C
PZE-108053438	C	C	C	C	C	C	C	C
PZE-105033111	T	T	C	C	T	T	C	C
PZE-105037986	A	A	A	A	A	A	A	A
PZE-105038426	C	C	C	C	C	C	C	C
PZE-108061507	T	T	T	T	T	T	T	T
PZE-108072369	T	T	T	T	T	T	T	T
PZE-108053677	T	T	T	T	T	T	T	T
PZE-108053763	T	T	T	T			C	C

PZE-105053100	A	A	A	A	A	A	A	A
PZE-105053338	G	G	G	G	G	G	G	G
PZE-105048851	T	T	T	T	T	T	T	T
PZE-104146082	A	A	A	A	A	A	A	A
PZE-104146173	G	G	G	G	G	G	G	G
PZE-104146497	C	C	C	C	C	C	C	C
PZE-104146572	T	T	T	T	G	G	T	T
PZE-105026019	C	C	C	C	C	C	C	C
PZE-108029480	A	A	A	A	A	A	A	A
PZE-105018230	C	C	C	C	C	C		
PZE-105018422	A	A	A	A	A	A	A	A
PZE-105026209	G	G	G	G	G	G	G	G
PZE-105027983	C	C	C	C	C	C	C	C
PZE-105027996	G	G	G	G	G	G	G	G
PZE-108035435	C	C	C	C	C	C	C	C
PZE-108036592	T	T	T	T	T	T	T	T
PZE-105019472	T	T	T	T	C	C	T	T
PZE-105019535	T	T	T	T	T	T	T	T
PZE-105041551	C	C	C	C	C	C	C	C
PZE-105045828	C	C	C	C	C	C	A	A
PZE-108009251	T	T	T	T	T	T	T	T
PZE-107127538	C	C	C	C	C	C	C	C
PZE-107128348	G	G	G	G	G	G	G	G
PZE-107128632	T	T	T	T	T	T	T	T
PZE-107128722	C	C	C	C	C	C	C	C
PZE-105051986	A	A	A	A	A	A	A	A
PZE-108009325	C	C	C	C	C	C	C	C
PZE-105052239	G	G	G	G	G	G	G	G
PZE-104141757	C	C	C	C	T	T	C	C
PZE-104141943	A	A	A	A	A	A	A	A
PZE-105045981	A	A	A	A	A	A		
PZE-105046245	A	A	A	A	A	A	A	A
PZE-105009132	C	C	C	C	C	C	C	C
PZE-105009141	C	C	C	C	C	C	C	C
PZE-105009736	G	G	G	G	G	G	G	G
PZE-105010938	C	C	C	C	C	C	C	C
PZE-105011405	C	C	C	C	C	C	C	C
PZE-105011679	A	A	A	A	A	A		
PZE-105011922	G	G	G	G	G	G	G	G
PZE-105012189	G	G	G	G	G	G	G	G
PZE-104142839	C	C	C	C	C	C	C	C
PZE-104142854	G	G	G	G	G	G	G	G
PZE-105021328	C	C	C	C	C	C	C	C
PZE-105021600	T	T	T	T	T	T	T	T
PZE-104149854	G	G	G	G	G	G	G	G
PZE-104150197	A	A	A	A	A	A	A	A
PZE-104150421	A	A	A	A	A	A	A	A
PZE-108035879	T	T	T	T	T	T	T	T

PZE-105013394	G	G	G	G	G	G	G	G
PZE-105042539	G	G	G	G	G	G	G	G
PZE-104148101	G	G	A	A	G	G	A	A
PZE-104148727	A	A	A	A	A	A	A	A
PZE-104148860	T	T	T	T	T	T	T	T
PZE-104148979	C	C	C	C	C	C	T	T
PZE-104148982	A	A	A	A	A	A	A	A
PZE-107119234	C	C	C	C	C	C	C	C
PZE-107119534	G	G	G	G	G	G	G	G
PZE-107121188	A	A	A	A	A	A	A	A
PZE-107121307	T	T	T	T	T	T	T	T
PZE-105040185	C	C	C	C	C	C	C	C
PZE-105051200	C	C	C	C	C	C	C	C
PZE-108010327	C	C	C	C	C	C	C	C
PZE-108010463	G	G	G	G	G	G	G	G
PZE-108010922	T	T	T	T	T	T	T	T
PZE-104139384	T	T	T	T	T	T	T	T
PZE-104139563	G	G	G	G	T	T	T	T
PZE-105054935	C	C	C	C	C	C	C	C
PZE-104143137	T	T	T	T	T	T	T	T
PZE-104143161	C	C	C	C	C	C	C	C
PZE-104151167	C	C	C	C	C	C	C	C
PZE-104151391	C	C	C	C	C	C	C	C
PZE-105031041	T	T	T	T	T	T	T	T
PZE-105031065	T	T	T	T	T	T	T	T
PZE-105014116	C	C	C	C	C	C	A	A
PZE-105014611	A	A	A	A	A	A	G	G
PZE-105014612	T	T	T	T	T	T	G	G
PZE-105015345	G	G	G	G	G	G	G	G
PZE-105015810	G	G	G	G	A	A		
PZE-105022623	A	A	A	A	A	A	A	A
PZE-105028547	G	G	G	G	G	G	G	G
PZE-105028979	C	C	C	C	C	C	C	C
PZE-105029277	T	T	C	C	T	T	C	C
PZE-105029295	C	C	A	A	C	C	A	A
PZE-105030407	A	A	A	A	A	A	A	A
PZE-105030542	A	A	A	A	A	A	A	A
PZE-105023106	C	C	C	C	C	C		
PZE-105024195	G	G	G	G	G	G	A	A
PZE-105024245	G	G	G	G	G	G	G	G
PZE-105024349	G	G	G	G	G	G	G	G
PZE-108005788	A	A	A	A	A	A	A	A
PZE-107123572	G	G	G	G			A	A
PZE-107125313	G	G	G	G	G	G	G	G
PZE-107125344	G	G	G	G	G	G	G	G
PZE-105049623	C	C	C	C	C	C	C	C
PZE-105049870	T	T	T	T	T	T	T	T
PZE-105050469	G	G	G	G	G	G	A	A

PZE-105050537	C	C	C	C	C	C	C	C
PZE-108006634	C	C	C	C	C	C	C	C
PZE-108007013	G	G	G	G	G	G	G	G
PZE-108011044	T	T	T	T	T	T	T	T
PZE-108012113	G	G	G	G	G	G	G	G
PZE-108012319	G	G	G	G	G	G	G	G
PZE-108012482	C	C	C	C	C	C	C	C
PZE-105049975	C	C	C	C	C	C	C	C
PZE-105050668	A	A	A	A	A	A	G	G
PZE-108035043	G	G	G	G	G	G	G	G
PZE-108028915	C	C	C	C	T	T	T	T
PZE-104140005	C	C	C	C	C	C	C	C
PZE-105016296	C	C	C	C	A	A		
PZE-105017202	A	A	A	A	A	A		
PZE-105017492	G	G	G	G	G	G	G	G
PZE-104144896	T	T	T	T	C	C	T	T
PZE-104145773	G	G	G	G	G	G	G	G
PZE-108035073	C	C	C	C	C	C	C	C
PZE-105040897	G	G	G	G	G	G	G	G
PZE-105041009	T	T	T	T	T	T	T	T
PZE-105024579	A	A	A	A	A	A	G	G
PZE-105024891	T	T	T	T	T	T	T	T
PZE-105025123	T	T	T	T	C	C	T	T
PZE-108041516	T	T	T	T	T	T	T	T
PZE-108007795	G	G	G	G	G	G	G	G
PZE-108007877	C	C	C	C	C	C	C	C
PZE-107125846	G	G	G	G	G	G	G	G
PZE-107126258	G	G	G	G	G	G	G	G
PZE-107126409	C	C	C	C	C	C	C	C
PZE-107127261	C	C	C	C	C	C	C	C
PZE-105044556	T	T	T	T	T	T	T	T
PZE-108007879	T	T	T	T	T	T	T	T
PZE-108008327	G	G	G	G	G	G	G	G
PZE-108027707	T	T	T	T	T	T	T	T
PZE-108013775	A	A	A	A	A	A	A	A
PZE-108013807	C	C	C	C	C	C	C	C
PZE-105050181	T	T	T	T	T	T	C	C
PZE-104140188	A	A	A	A	A	A	G	G
PZE-104140802	G	G	G	G	G	G	G	G
PZE-104140826	A	A	A	A	A	A	A	A
PZE-105053856	C	C	C	C	C	C	C	C
PZE-104146000	T	T	T	T	C	C	T	T
PZE-110037152	T	T	T	T			C	C
PZE-109075570	C	C	C	C	T	T		
PZE-109078539	T	T	T	T	T	T	T	T
PZE-110021463	A	A	A	A	A	A	A	A
PZE-109094751	T	T	T	T	T	T	T	T
PZE-109094894	C	C	C	C	C	C	C	C

PZE-109095932	G	G	G	G	G	G	G	G
PZE-109079433	T	T	T	T	C	C	T	T
PZE-109101698	G	G	G	G	G	G	A	A
PZE-110028318	T	T	T	T	T	T	T	T
PZE-110029543	G	G	G	G	G	G	G	G
PZE-110000589	A	A	A	A	A	A	A	A
PZE-110001351	T	T	T	T	T	T	T	T
PZE-110002424	T	T	T	T	T	T	T	T
PZE-109102157	A	A	A	A	A	A	A	A
PZE-110009558	A	A	A	A	A	A	A	A
PZE-110009725	C	C	C	C	C	C	C	C
PZE-110037580	C	C	C	C	C	C	C	C
PZE-110017337	T	T	T	T	T	T	T	T
PZE-109064616	T	T	T	T	T	T	T	T
PZE-109064888	C	C	C	C	C	C	C	C
PZE-109065486	T	T	T	T	T	T	T	T
PZE-109065712	A	A	A	A	A	A	A	A
PZE-110044324	G	G	G	G	G	G	G	G
PZE-110044488	A	A	A	A	A	A	A	A
PZE-110030003	A	A	A	A	A	A	A	A
PZE-109075943	A	A	A	A	A	A		
PZE-109076505	T	T	T	T	T	T	T	T
PZE-110021843	A	A	A	A	A	A	A	A
PZE-110038474	A	A	A	A			G	G
PZE-109096112	C	C	C	C	C	C	C	C
PZE-109096171	G	G	G	G	G	G	G	G
PZE-109080626	C	C	C	C			C	C
PZE-109103504	G	G	G	G	G	G	T	T
PZE-110022148	T	T	T	T	T	T	T	T
PZE-110028687	A	A	A	A	A	A	A	A
PZE-110047566	T	T	T	T	T	T	T	T
PZE-110047799	G	G	G	G	G	G	G	G
PZE-110047897	T	T	T	T	T	T	T	T
PZE-109097262	T	T	T	T	T	T	T	T
PZE-110005408	C	C	C	C	C	C	C	C
PZE-110005657	A	A	A	A	A	A	A	A
PZE-109103697	A	A	A	A	A	A	A	A
PZE-109104633	T	T	T	T	T	T	T	T
PZE-110010390	A	A	A	A	A	A	A	A
PZE-110010396	A	A	A	A	A	A	A	A
PZE-110036213	C	C	C	C			C	C
PZE-110038029	C	C	C	C			T	T
PZE-110006344	G	G	G	G	G	G	G	G
PZE-110006423	G	G	G	G	G	G	T	T
PZE-110007091	T	T	T	T	T	T	T	T
PZE-110016135	A	A	A	A	A	A	A	A
PZE-110011312	A	A	A	A	A	A	A	A
PZE-110012098	C	C	C	C	C	C	C	C

PZE-110049371	T	T	T	T	T	T	T	T
PZE-110016288	T	T	T	T	T	T	T	T
PZE-110016321	A	A	A	A	A	A	A	A
PZE-109076932	A	A	A	A	A	A	A	A
PZE-110027480	G	G	G	G	G	G	G	G
PZE-110034749	G	G	G	G	G	G	G	G
PZE-110045597	C	C	C	C	C	C	C	C
PZE-109077374	C	C	C	C	C	C	C	C
PZE-109077509	T	T	T	T	G	G	G	G
PZE-109077680	T	T	T	T	G	G	T	T
PZE-109077705	C	C	C	C	C	C	C	C
PZE-109098552	A	A	A	A	A	A	A	A
PZE-109098623	C	C	C	C	C	C	C	C
PZE-110028902	A	A	A	A	A	A	A	A
PZE-109122239	C	C	C	C	C	C	C	C
PZE-110007326	C	C	C	C	C	C	C	C
PZE-110007572	G	G	G	G	G	G	G	G
PZE-110008028	T	T	T	T	T	T	G	G
PZE-110043272	T	T	T	T	T	T	T	T
PZE-110043433	C	C	C	C	C	C	C	C
PZE-110020869	A	A	A	A	A	A	A	A
PZE-110029216	G	G	G	G	G	G	G	G
PZE-110036728	C	C	C	C	C	C	C	C
PZE-110015512	C	C	C	C	C	C	C	C
PZE-110008700	C	C	C	C	C	C	C	C
PZE-110021091	T	T	T	T	T	T	T	T
PZE-110049023	G	G	G	G	G	G	G	G
PZE-109074314	A	A	A	A	A	A	A	A
PZE-109074395	T	T	T	T	T	T		
PZE-109074670	T	T	T	T	C	C		
PZE-109077983	A	A	A	A	A	A	G	G
PZE-110035129	A	A	A	A			G	G
PZE-110022708	G	G	G	G	G	G	G	G
PZE-109093628	C	C	C	C	C	C	C	C
PZE-109093846	G	G	G	G	G	G	G	G
PZE-109099586	T	T	T	T	T	T	T	T
PZE-109099702	A	A	A	A	A	A	A	A
PZE-110043675	A	A	A	A	A	A	A	A
PZE-110000531	C	C	C	C	C	C	A	A
PZE-109101217	C	C	C	C	C	C	T	T
PZE-110008930	A	A	A	A	A	A	A	A
PZE-110044120	G	G	G	G	G	G	G	G
PZE-110044162	C	C	C	C	C	C	C	C
PZE-110029429	T	T	T	T	T	T	T	T
PZE-110018330	A	A	A	A	A	A	A	A
PZE-110018934	G	G	G	G	G	G	G	G
PZE-109064251	G	G	G	G	G	G	G	G
PZE-109071595	C	C	C	C	C	C	C	C

PZE-109071675	T	T	T	T	T	T	T	T
PZE-109087846	G	G	G	G	G	G	G	G
PZE-109088384	G	G	G	G	G	G	G	G
PZE-108056326	A	A	A	A	A	A	A	A
PZE-108056415	T	T	T	T	T	T	T	T
PZE-108065989	A	A	A	A	A	A	A	A
PZE-108069336	A	A	A	A	A	A	A	A
PZE-109083058	C	C	C	C	C	C	C	C
PZE-109083108	C	C	C	C	C	C	C	C
PZE-109118418	G	G	G	G	G	G	G	G
PZE-109119001	A	A	A	A	A	A	A	A
PZE-109119211	C	C	C	C	C	C	C	C
PZE-108066177	C	C	C	C	C	C	C	C
PZE-108066339	C	C	C	C	C	C	C	C
PZE-108066557	C	C	C	C	C	C	C	C
PZE-108078660	T	T	T	T	T	T	T	T
PZE-108078790	T	T	T	T	T	T	T	T
PZE-109108959	C	C	C	C	C	C	C	C
PZE-109109248	G	G	G	G	G	G	G	G
PZE-109109275	G	G	G	G	G	G	G	G
PZE-109119946	T	T	T	T	T	T	T	T
PZE-109119987	G	G	G	G	G	G	G	G
PZE-109120850	A	A	A	A	A	A	A	A
PZE-110017901	G	G	G	G	G	G	G	G
PZE-108048734	A	A	A	A			G	G
PZE-108042901	T	T	T	T	T	T	T	T
PZE-108042969	C	C	C	C	C	C	C	C
PZE-109109629	G	G	G	G	G	G	G	G
PZE-109109768	G	G	G	G	A	A	A	A
PZE-110013774	G	G	G	G	G	G	G	G
PZE-108056476	C	C	C	C	C	C	C	C
PZE-108056585	G	G	G	G	G	G	G	G
PZE-108050392	G	G	G	G	G	G	G	G
PZE-110014551	A	A	A	A	A	A	A	A
PZE-109067632	G	G	G	G	A	A	A	A
PZE-108056925	A	A	A	A	A	A	A	A
PZE-108066942	T	T	T	T	T	T	T	T
PZE-108059500	T	T	T	T	T	T	T	T
PZE-108059741	C	C	C	C	C	C	C	C
PZE-109073394	T	T	T	T	T	T	T	T
PZE-109091148	A	A	A	A	A	A	A	A
PZE-109091154	G	G	G	G	G	G	G	G
PZE-108067299	G	G	G	G	G	G	G	G
PZE-108069739	C	C	C	C	C	C	C	C
PZE-108069897	A	A	A	A	A	A	A	A
PZE-108070194	A	A	A	A	A	A	A	A
PZE-109085093	C	C	C	C	C	C	C	C
PZE-109110046	T	T	T	T	T	T	T	T

PZE-109110252	C	C	C	C	C	C	C	C
PZE-109110551	C	C	C	C	C	C	C	C
PZE-109072924	G	G	G	G	A	A	A	A
PZE-109073024	C	C	C	C	T	T	T	T
PZE-108043142	C	C	C	C	C	C	C	C
PZE-108043501	C	C	C	C	C	C	C	C
PZE-109111133	T	T	T	T	T	T	T	T
PZE-109112659	T	T	T	T	T	T	T	T
PZE-108057442	G	G	G	G	G	G	G	G
PZE-108057528	T	T	T	T	T	T	T	T
PZE-108050483	T	T	T	T	T	T	T	T
PZE-109068737	G	G	G	G	A	A	A	A
PZE-109068897	G	G	G	G	A	A	A	A
PZE-109091985	G	G	G	G	G	G	G	G
PZE-109092637	A	A	A	A	A	A	A	A
PZE-109093209	T	T	T	T	T	T	T	T
PZE-108067816	C	C	C	C	C	C	C	C
PZE-108067903	T	T	T	T	T	T	T	T
PZE-109080822	C	C	C	C	C	C	C	C
PZE-109090062	C	C	C	C			C	C
PZE-109090152	G	G	G	G			G	G
PZE-109105485	A	A	A	A	A	A	A	A
PZE-109106186	A	A	A	A	A	A	A	A
PZE-109106291	C	C	C	C	C	C	C	C
PZE-109113507	G	G	G	G	G	G	G	G
PZE-108042082	A	A	A	A	A	A	A	A
PZE-108049315	T	T	T	T	T	T	T	T
PZE-110012671	C	C	C	C	C	C	C	C
PZE-110012997	G	G	G	G	G	G	G	G
PZE-109113651	C	C	C	C	C	C	C	C
PZE-109113692	T	T	T	T	T	T	T	T
PZE-110019041	C	C	C	C	C	C	C	C
PZE-110019199	G	G	G	G	G	G	G	G
PZE-108048129	T	T	T	T	T	T	T	T
PZE-108049414	A	A	A	A			G	G
PZE-108058098	C	C	C	C	C	C	C	C
PZE-109065990	C	C	C	C	C	C	C	C
PZE-109069697	T	T	T	T	C	C	C	C
PZE-109069913	C	C	C	C	T	T	T	T
PZE-108064921	G	G	G	G	G	G	G	G
PZE-109082015	G	G	G	G	G	G	G	G
PZE-109082099	T	T	T	T	T	T	T	T
PZE-109086287	G	G	G	G	G	G	G	G
PZE-109086297	T	T	T	T	T	T	T	T
PZE-108076067	A	A	A	A	A	A	A	A
PZE-108068741	G	G	G	G	G	G	G	G
PZE-109087397	C	C	C	C	C	C	C	C
PZE-109114762	G	G	G	G	A	A	A	A

PZE-108076600	G	G	G	G	G	G	G	G
PZE-108042489	C	C	T	T	C	C	C	C
PZE-108042509	G	G	G	G	G	G	G	G
PZE-108042588	C	C	C	C	C	C	C	C
PZE-109108323	C	C	C	C	C	C	C	C
PZE-110013211	G	G	G	G	G	G	G	G
PZE-110013759	T	T	T	T	T	T	T	T
PZE-109115955	T	T	T	T	A	A	A	A
PZE-109116158	A	A	A	A	G	G	G	G
PZE-110014694	A	A	A	A	A	A	A	A
PZE-108055680	T	T	T	T			C	C
PZE-108056042	T	T	T	T			G	G
PZE-108058655	A	A	A	A	A	A	A	A
PZE-109067144	T	T	T	T	T	T	T	T
PZE-109067146	C	C	C	C	C	C	C	C
PZE-110015036	A	A	A	A	A	A	A	A
PZE-110067110	A	A	A	A	A	A	A	A
PZE-110067273	G	G	G	G	G	G	G	G
PZE-110072258	C	C	C	C	C	C	C	C
PZE-110099110	C	C	C	C	C	C	C	C
PZE-110099188	G	G	G	G			G	G
PZE-110100385	G	G	G	G	G	G	G	G
PZE-110100655	A	A	A	A	A	A	A	A
PZE-110100685	A	A	A	A	A	A	A	A
PZE-110073230	G	G	G	G	G	G	G	G
PZE-110109885	G	G	G	G	G	G	G	G
PZE-110050295	C	C	C	C	C	C	C	C
PZE-110056000	C	C	C	C	C	C	C	C
PZE-110056035	G	G	G	G	G	G	G	G
PZE-110068690	T	T	T	T	T	T	T	T
PZE-110073500	C	C	C	C			T	T
PZE-110101412	A	A	A	A			G	G
PZE-110102178	G	G	G	G	G	G	G	G
PZE-110103108	C	C	C	C	C	C	C	C
PZE-110074199	T	T	T	T	G	G	G	G
PZE-110074757	T	T	T	T	T	T	T	T
PZE-110056428	C	C	C	C	C	C	C	C
PZE-110056846	A	A	A	A	A	A	A	A
PZE-110051282	A	A	A	A	A	A	A	A
PZE-110058966	C	C	C	C	C	C	C	C
PZE-110069537	G	G	G	G	G	G	G	G
PZE-110069835	G	G	G	G	G	G	G	G
PZE-110070074	T	T	T	T	T	T	T	T
PZE-110070319	G	G	G	G	G	G	G	G
PZE-110059338	G	G	G	G	G	G	G	G
PZE-110074775	C	C	C	C			T	T
PZE-110070387	G	G	G	G	G	G	G	G
PZE-110103156	G	G	G	G	G	G	G	G

PZE-110103912	A	A	A	A	A	A	G	G
PZE-110105234	T	T	T	T	T	T	T	T
PZE-110105428	C	C	C	C	C	C	C	C
PZE-110106108	C	C	C	C	C	C		
PZE-110076191	C	C	C	C			A	A
PZE-110076741	C	C	C	C			T	T
PZE-110106563	C	C	C	C	T	T	C	C
PZE-110057129	C	C	C	C	C	C	C	C
PZE-110057367	A	A	A	A	A	A	A	A
PZE-110070679	A	A	A	A	A	A	A	A
PZE-110096735	G	G	G	G	G	G	G	G
PZE-110097415	G	G	G	G	G	G	G	G
PZE-110097736	G	G	G	G	G	G	G	G
PZE-110107635	T	T	T	T	T	T	T	T
PZE-110108692	T	T	T	T	T	T	T	T
PZE-110109454	A	A	A	A	A	A	A	A
PZE-110057767	A	A	A	A	A	A	A	A
PZE-110039360	A	A	A	A	A	A	G	G
PZE-110033695	T	T	T	T	T	T	T	T
PZE-110041371	C	C	C	C	C	C	C	C
PZE-110061193	G	G	A	G	G	G	G	G
PZE-110019836	G	G	G	G	G	G	G	G
PZE-110019906	T	T	T	T	T	T	T	T
PZE-110080492	G	G	G	G	G	G	G	G
PZE-110082048	C	C	C	C	C	C	C	C
PZE-110082173	T	T	T	T	T	T	T	T
PZE-110053918	G	G	G	G	G	G	G	G
PZE-110032152	C	C	C	C	C	C	C	C
PZE-110020091	T	T	T	T	T	T	T	T
PZE-110051403	C	C	C	C	C	C	C	C
PZE-110051815	G	G	G	G	G	G	G	G
PZE-110064279	G	G	G	G	G	G	G	G
PZE-110039576	G	G	G	G	G	G	G	G
PZE-110066098	T	T	T	T	T	T	T	T
PZE-110066213	C	C	C	C	C	C	C	C
PZE-110020178	G	G	G	G	G	G	G	G
PZE-110084538	G	G	G	G	G	G	G	G
PZE-110054274	T	T	T	T	T	T	T	T
PZE-110054430	C	C	C	C	C	C	C	C
PZE-110032621	G	G	G	G			C	C
PZE-110040021	C	C	C	C			T	T
PZE-110026566	G	G	G	G	G	G	G	G
PZE-110052414	C	C	C	C	C	C	C	C
PZE-110093416	T	T	T	T	T	T	T	T
PZE-110095271	T	T	T	T	T	T	T	T
PZE-110095392	C	C	C	C	C	C	C	C
PZE-110040068	T	T	T	T			G	G
PZE-110040705	T	T	T	T	T	T	T	T

PZE-110085687	G	G	G	G	G	G	G	G
PZE-110091181	A	A	A	A	A	A	A	A
PZE-110092504	T	T	T	T	T	T	T	T
PZE-110092698	C	C	C	C	C	C	C	C
PZE-110047350	T	T	T	T	T	T	T	T
PZE-110086687	G	G	G	G	G	G	G	G
PZE-110086791	T	T	T	T	T	T	T	T
PZE-110087783	G	G	G	G	G	G	G	G
PZE-110024032	C	C	C	C	C	C	C	C
PZE-110025413	C	C	C	C	C	C	C	C
PZE-110030744	T	T	T	T	T	T	T	T
PZE-110030981	T	T	T	T	T	T	T	T
PZE-110032930	A	A	A	A			C	C
PZE-110033300	C	C	C	C	C	C	C	C
PZE-110027038	A	A	A	A	A	A	A	A
PZE-110059919	A	A	A	A	A	A	A	A
PZE-110060021	A	A	A	A	A	A	A	A
PZE-110040928	T	T	T	T			T	T
PZE-110078281	G	G	G	G	G	G	G	G
PZE-110063006	G	G	G	G	G	G	G	G
PZE-110063346	T	T	T	T	T	T	T	T
PZE-110046449	G	G	G	G	G	G	G	G
PZE-110079144	G	G	G	G	G	G	G	G
PZE-110079152	G	G	G	G	G	G	G	G
PZE-110079791	G	G	G	G	G	G	G	G
PZE-110088808	G	G	G	G	G	G	G	G
PZE-110089645	T	T	T	T	T	T	T	T
PZE-110024330	T	T	T	T			T	T
PZE-110053442	A	A	A	A	A	A	A	A
PZE-110031865	C	C	C	C	C	C	C	C
PZE-110033538	G	G	G	G	G	G	G	G
PZE-110060897	T	T	T	T	T	T	T	T
PZE-110053630	G	G	G	G	G	G	G	G