

>Contig712

DIGDITRGRDLFHGNDEEKKQRKQLDDKLTIFGHIYEELKRGDKKKEAEKHYKDGAPPEF
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YLR

>Contig722

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FDYVPQFLR

>Contig768

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CGSGKIATLAKNNCRCGDGKSKGANADQVPTYFDYVPQFLR

>Contig838

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>Contig857

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EEKKSTRAKDKCRCKDENGKNTDQVPTYFDYVPQYLR

>Contig863

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>Contig899

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>Contig913

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>Contig933

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>Contig939

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GSPSMARDKCRCNDDKPKAGNGDVNIIVPTYFDYVPQYLR

>Contig943

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>Contig951

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DYVPQYLR

>Contig953

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>Contig962

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>Contig970

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>Contig972

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>Contig977

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>Contig985

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>Contig988

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>Contig993

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>Contig995

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>Contig997

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>Contig998

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>Contig1000

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>Contig1012

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>Contig1014

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>Contig1016

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>Contig1023

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>Contig1032

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>Contig1036

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GAPPTNLDYVPQFLR

>Contig1038

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>Contig1045

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>Contig1056

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GAKDGDQVPTYFDYVPQYLR

>Contig1061

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>Contig1062

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HDNDKVTTNLDYVPQYLR

>Contig1065

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>Contig1069

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>Contig1071

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>Contig1081

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>Contig1083

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>Contig1089

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CRCPN

>Contig1102

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>Contig1108

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QLREDWYANRATVWYAITCGAGESDKYFRKTC SGGKTWTNDKCRCA GNIRVPTYFDYVP
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>Contig1110

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>Contig1111

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>Contig1113

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>Contig1115

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KDIFEKIHSDVTKSGNNKDALQERYKDEPDNNFYQLREDWWTANRHTVWKAITCNAWGDT
YFRATCSDSEHSGTFSQATKQCRCDKPKGANAGKVGVDVNI VPTYFDYVPQYLR

>Contig1116

TSLKGYHDIHKLDNNNSSQLCTELARSFADIGDIVRGRDPFYGNTYESAQRKQLDENLK
TIFKNIRKNNYSTLTGLPLDKVREYWWELNRET VWKAITCDVHGSDFRHTCGTGKPTND
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>Contig1117

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>Contig1118

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>Contig1123

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>Contig1128

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>Contig1130

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>Contig1132

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FQLREDWWTANRHTVWKAITCGAGTSDKYFRRTCSNDTADTHEKCR CVNRADVPTYFDYV
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>Contig1133

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>Contig1134

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>Contig1135

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FDYVPQFLR

>Contig1136

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CGHND DNVPTNLDYVPQYLR

>Contig1137

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>Contig1141

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>Contig1142

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CGHYEDAPPTNLDYVPPQFLR

>Contig1144

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>Contig1145

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>Contig1147

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>Contig1151

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>Contig1153

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>Contig1157

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>Contig1158

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>Contig1163

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DASYFHATCIDGQSGAQATKQCRCDGKKPGKGSDDVNIVPTYFDYVPPQFLR

>Contig1164

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>Contig1165

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NLKSIFKKIYDNLSDPKAIDHYNDAGENYYKLRNDWWELNRKEVWKAITCKANDDAEYFR
KKDSDGKPCSQKCTCINGDPPTNFDYVPPQFLR

>Contig1169

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LEESNGGQSNHQSKCHSNDAEVLTNFDYVPPQFLR

>Contig1170

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GHNNKDDPPTNLDYVPPQFLR

>Contig1172

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KIYQELISTSEKKSALQTRYNDNENFYQLREDWWTANRATVMKAMTCGAPIHGQVYFRK

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>Contig1173

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>Contig1180

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>Contig1182

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>Contig1184

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>Contig1185

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>Contig1186

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>Contig1189

VLI SADHARYKETNNDVNANICTMLARSFADIGDIVRGKDLYLGDKGNDKLEKNLKEIFK
KIHEDEVMTSGNNKDTLQARYGSDKENFYQLREDWWALNRRDVWKAIRCSAPTDAGYFIK
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>Contig1192

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>Contig1194

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>Contig1195

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>Contig1197

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>Contig1198

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>Contig1199

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PYFRNTCAGGKPTHQKCTCASGDVPTYFDYVPQFLR

>Contig1200

TSIRDDYVKYRAKNTDFNTNICTVLARSFADIGDIIRGKDLFLGHEQRKKYLEARLEAMF
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>Contig1204

QSITRDYPKYQATYGYSPSEICTMLARSFADIGDIIRGKDLYRRDSRTDKLEENLRKIFG
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>Contig1208

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>Contig1209

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CGHHVNQDVPTNLDYVPQFLR

>Contig1210

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>Contig1213

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>Contig1214

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KCRCTKPNDDQVPTYFDYVPQYLR

>Contig1216

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TCGDNENTATRAKDKCRCKDEKAKDTDQVPTYFDYVPQYLR

>Contig1217

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CGSGNWTKDNCRCDGSNADQVPTYFDYVPLYLR

>Contig1218

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GGTYEKCRCHSGSVLTNFYVPQYLR

>Contig1222

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RQTCNGTHKTQNNCRCEGANVVPTYFDYVPQYLR

>Contig1223

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>Contig1224

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YSYFRPTCGTGTWTNEKCRCTKSSDNVSIIVPTYFDYVPQYLR

>Contig1225

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KNIKENNTELGELTTAQVREYWWALNRDQVWKAITCAADDNDIYSKTANGIISDFDKCG
HGYKNIPTNLDYVPQYLR

>Contig1228

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TIFGKIHSGLTDSGAKTHYQDNKKNFQLREDWYANRETVWKAITCEAGGNTYFRKAC
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>Contig1230

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>Contig1234

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CGHRDENVPTYLDYVPQFLR

>Contig1235

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EGSPLTNLDYVPQFLR

>Contig1237

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AQYTKKGPDHITITESNKGQCRNFADVPTNIDYVPQYLR

>Contig1239

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EIFQQIHSEVTTTRGRTINGAEARYKDESRNYFQLREDWWTANRHTVWEAITCHAGESDKY
FRKTCSDTTTETDKKCRCDGAKSANADQVPTYFDYVPQYLR

>Contig1240

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NKKLFSNSKCGHNKGDPLTNLDYVPQFLR

>Contig1242

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>Contig1248

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>Contig1250

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GDVLTNFDYVPQYLR

>Contig1257

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CGHYEGSPLTNLDYVPQFLR

>Contig1259

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NLQKIFKEIHSGLKGGVKERYGGDPDFFKLRDWWANANRGTVWKAITCSEQLKGDYFRN
TCNGGEQTTGYCRCDGDKPGNDKENIDPPTYFDYVPQYLR

>Contig1261

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HCGHYKNGDPLTNLDYVPQFLR

>Contig1263

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HNKQCQVDGDPPTYFDYVPQFLR

>Contig1265

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KRRNDNKVPTNLDYVPQFLR

>Contig1267

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RRNDNKVPTNLDYVPQFLR

>Contig1268

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>Contig1269

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NKCRCAGKNADKVPTYFDYVPQYLR

>Contig1270

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TDQVPTYFDYVPQYLR

>Contig1271

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VGDGEHSTLAKKQCRCDGAKGANVVPTYFDYVPQYLR

>Contig1273

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REDWWANANRQEIWKALTCDAPNGDVHYFRKTCSMGQSHVNDKCRCLNGDPPTYFDYVPQY
LR

>Contig1274

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YKCGHYEDAPPTYLDYVPQYLR

>Contig1275

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CGHKEGTVPTNLDYVPQFLR

>Contig1277

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GERTKGYCRCDDKPKDGNVDVNIPTVPTYFDYVPQYLR

>Contig1278

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FAKIHSGLTKKGAEARYSKDKPNFFKLREDWWTANRETVWKAITCAAKVGDYTFMESRT
NSYKFSNDQCGHNNRGDPPTNLDYVPQYLR

>Contig1280

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EQGNVPTNLDYVPQFLR

>Contig1281

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QNIQNKNEKLVLSIDEVREYWWELNRQVWKAITCKADDSNRYFRATCGDDNESLSHAS
HKCRCKDKKFTKETDQVPTYFDYVPQYLR

>Contig1282

ESIKHYSEKYDEQYPGSGSGFTTCTMLARSFADIGDIVRGKDLFYGNTOEKEKREDLEKK
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>Contig1284

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YFRGTCGGEGTASLTKNKCRCGSYKVPTYFDYVPQYLR

>Contig1285

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TPSHCRCDGKDADQVPTYFDYVPQYLR

>Contig1286

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NSYKFSGGKCGHNDNDVPTNLDYVPQYLR

>Contig1287

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>Contig1288

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>Contig1291

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>Contig1292

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LLFSNYKCGHYEDAPPTNLDYVPQFLR

>Contig1293

ESLKKYHAQHQVYSDSQLCTELARSFADIGDIVRGKDPFYGNPQEKDQRKKLEKNLKEI
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>Contig1295

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KCGHNKGSVPTYLDYVPQFLR

>Contig1296

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FKEIYDDVTSKNGKNGAEAKEHYEKDKKTGNFYQLREDWWTANRHTVWEAITCGAGGGT
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>Contig1297

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>Contig1298

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>Contig1299

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>Contig1300

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>Contig1303

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ATCSDGNSQSQAADKCRCGDGDVTVPTYFDYVPQYLR

>Contig1304

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>Contig1305

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>Contig1325

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IFGKIHDDVTKGGTNGQTLKTRYDGDGPEFFKLRDWWTANRHTVWEAITCDEDKLAGA
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>Contig1330

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NRDQVWRAITCEAPDKANFFRKISENTRTFENAGKCRRHDRVPTNLDYVPQFLR

>Contig1332

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>Contig1333

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EYFRKTPCAGTSPIQGDCRCKGDQVPTYFDYVPQYLR

>Contig1334

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LSQANHKCRCQKKDNTPDDQVPTYFDYVPQYLR

>Contig1335

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FGGTCEGVGKYPTLTQGKCRNGANIVPTYFDYVPQYLR

>Contig1336

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VCSGGRTPTKGKCRCIDFSVPTYFDYVPQYLR

>Contig1337

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RTKGDCRCPNGDQVPTYFDYVPQYLR

>Contig1338

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>Contig1339

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GHNNKNDLPTNLDYVPQYLR

>Contig1342

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HKQGNVPTNLDYVPQYLR

>Contig1343

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PNAGVPTNFDYVPQYLR

>Contig1344

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>Contig1345

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KCGHYEGAPPTNLDYVPQFLR

>Contig1347

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>Contig1348

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>Contig1349

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>Contig1350

ESIVAKHPHKDNSQVCIALARSFADIGDIVRGRDMFKRNNHDNVENGLKKVFDKIYAKLG
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KCCRNDNKVPTNLDYVPQFLR

>Contig1351

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>Contig1352

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MESRTNSYKFSNGQCGHYEDAPPTNLDYVPQFLR

>Contig1353

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>Contig1358

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FRKTCSDAKGSSVANHKCRCPKTSGGKANDQVPTYFDYVPQYLR

>Contig1359

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KCRQCQKDNTPDDQVPTYFDYVPQYLR

>Contig1360

DSIKTPYPKHEHTNPDSQLCTVLARSFADIGDIIRGRDPFYGNPTYESAQREKLEKNLKDI
FAKIYGGGLKNGELKTRYDGDTKNYFQLREDWWTANRET VWREALTCEVSGSKYFRHTCNGG
NITYNKCRCCKGDQPKSGKGDVNIIVPTYFDYVPQYLR

>Contig1361

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>Contig1362

NSINTHYPKHEQTNKDSASQLCTVLARSFADIGDIIRGRDLYFRGNNEEKKQRKQLEDNLR
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ASYFRATCGDKKGPSVAKDHCRCDDKTSAGAKGDVNIIVPTYFDYVPQFLR

>Contig1366

DIGDIIRGKDLFVGYNEKD KIEKEKLQNNLKSIFKKIYNGLPQGKNSRYENDSPNYYQLR
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>Contig1367

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>Contig1369

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NIYDKLLEDNKTNVQTLQKRYEDNVGNYYKLREDWWTANRETVWKAITCGTHDGDYFHA
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>Contig1371

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NNLESEAKNYYNDDTKKFFKLREDWWANRLDIWKAIICTAPGTAQYFRNACGGHEMTMY
GQCRCVNGEPPTNFYDIPQYLR

>Contig1372

DYLVKNHPQRETSICIALARSFADIGDIIRGKDLYLGDNGKDRLEENLNKNI FNKIYINL
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GKCGHNEGAPLTNLDYVPPQFLR

>Contig1373

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AEPLSQDKCRCANTDVSTNFYVPPQYLR

>Contig1374

ESIVKNHPNRGSSEVCTALARSFADIGDIIRGKDLYLKGNETEKETKGLQGNLEKIFNK
FKTIYADLKDVEIDDIREYWWALNRKDVWKALTCFAHNTEEFINSEGGIKFSDRCKGHI
EGSPLTNLDYVPPQFLR

>Contig1375

QSITKNYPKDGNNKEGICTALARSFADIGDIVRGRDLYLGYDQKEKDRRDELEKNLKKIF
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ASYFRATCGSSGETPTDDKCRCKDEKGANADQVPTYFDYVPPQYLR

>Contig1376

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TIFGKIHSGLTNGAKDYYQDGSDFFKLREDWWTENRHTVWKAITCNDNKL RDASYFRA
TCNGGKRTEGYCRCNGDQVPTYFDYVPPQYLR

>Contig1377

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ADNDEYFENSSDGLYVFSNGQCGRNEGKVPTNLDYVPPQHLR

>Contig1378

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KDIFKKIYEKLDNKIKSNYDDSEGNFFQLREDWWANRQVWKAITCDAGQNDKYFRDTC
NGGEQTKGYCRCGNDPEGNPKPNIDPPTYFDYVPPQYLR

>Contig1380

QSITGYYPQHKVITYSDSAAELCTVLARSFADIGDIVRGKDLFYGNKQEKEKRKVLDEKLLK
TIFGDIYKDVTRGNVDR LQARYQDESGNYFQLREDWWEANRETVWKAITCDDKLSNYKY
FRATCIDRNEKGPSVARNQCRCTKSSGANADQVPTYFDYVPPQYLR

>Contig1381

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>Contig1382

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KDIFKKIYGELKDAKDRYNGDGNYYKLREDWWTANRETVWKAMTCSDELKDNRYFRHTC
NGGSPTEGYCRCNGDKPGDGKPPDDQVPTYFDYVPPQYLR

>Contig1383

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GAISYYNADEKGNFYKLREDWWTVNRDQVWKAITCKAPQKANYFRKGS DSDVFTSQGYCG
RKELTVPTYLDYVPPQFLR

>Contig1386

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GGSPTKGYCRCGNDQPGSDKPNTPPTYFDYVPPQFLR

>Contig1387

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TCGGQKTASLTDVQCRCRDDRVPPTYFDYVPQYLR

>Contig1388

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HVNKDVPTNLDYVPQFLR

>Contig1390

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KYFRDACSGGTSPIQGDCRCPKGDQVPTYFDYVPQYLR

>Contig1391

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>Contig1392

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LNDPKLKHQKADAPNYYKLRHWWTVNRDQVWKAITCNAPYKAWYFMHSEDNTLLFSNYK
CGHYEDAPPTNLDYVPQFLR

>Contig1393

QSITGRYPQHQLTNNNSSQLCTVLARSFADIGDIVRGRDLFLGNTYESARRDQLDKKLLK
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>Contig1394

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KGIFKQIHEGLTNGELKTRYNDGSGNYFQLREDWWDANRETVWKAITCDVKSGSQYFRQT
CGSSAKTATRTPSQCRCEGAKSANADQVPTYFDYVPQYLR

>Contig1395

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IIHEDVTKNGAEARYKGDREKNYSKLREDWWEANRQEVWKAITCDAAGGTYFRATCGSGN
NATRTPSHCRCDGDQVPTYFDYVPQYLR

>Contig1396

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KTIFGKIYNELRSTNGVKDRYKDTKNYYKLREDWWDANRLDVWKAITCNAPKDANYFEYN
SGKLIKFSNDQCGHNNRGGPPTNLDYVPQYLR

>Contig1397

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TCGGGHATNKKCQCVNRGDVPTYFDYVPQYLR

>Contig1398

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RGTCGSGKWTNEKCRCEGANIVPTYFDYVPQYLR

>Contig1400

KMIAKKLEEYDPTNYESRICTELARSFADIGDIIRGKDLYLGYNRKEKAQKEKLEQNLKK
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AGGTTPTHQKCTCATGDVPTYFDYVPQYLR

>Contig1401

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EGQCRNRDINSVPTNLDYVPQYLR

>Contig1402

ESIVNNHPNRGSSSEVCIALARSFADIGDIVRGRDMFKRTDNVENGLKAVFNKIYNTLPSA
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GHNEGAPPTNLDYVPQFLR

>Contig1403

ESLQGYGKYDAEHDFGSTICTVLARSFADIGDIIRGKDLYLGYDDEEKKRKLQDENLK
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ANYFKPAQNGTREFTNHGCRNEGNVPTYFDYVPQYLR

>Contig1404

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ANYFKPAQNGTREFTNHGCRNEGNVPTYFDYVPQYLR

>Contig1405

ESLEKYRDQYQATYGDGFGSTICTVLARSFADIGDIVRGKDLYLGDGKGEKKKLEGKLNIF
QQIHSGLSTKNGAQTYNDTDTKNYYQLREDWWTANRATIWEALTCDEENKIGDAQYFRGT
CGGENIATLAKNKCRCDDVSIVPTYFDYVPQYLR

>Contig1406

QSVQGYEYQYRAKNNDVNTNICTELARSFADIGDIVRGKDLYLGDGKGEKKTIRRRQLQKMF
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SHCRCNDDQVPTYFDYVPQFLR

>Contig1407

QSLEKYRAQYEAHYHDFGSTICTVLARSFADIGDIVRGKDLYLGYDDKEKEQRKKLEKNL
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>Contig1408

ESIVAKHPHKDNSQVCTALARSFADIGDIVRGRDMFLPNKDDKVQKGLQVVFEEKINNGLK
KIGINAYNDGSGNYSKLEVVWVNRDQVWRAITCSAPGDVNYFRKISGDTRTFENAGKC
RRHDNKVPTNLDYVPQFLR

>Contig1409

ETLTTQHGEHQQTNEGTSQQLCTVLARSFADIGDIVRGRDIFRGNDEEKKRQLDKLLK
EVFGKIYNELTSTSDKNGKTNGAEARYKDATGNFFKLREDWWTANRHTVWKAMTCSDKLS
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>Contig1410

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KKIFKEIYDDVMKTNKEAAKERYKDTDNYYELREDWWALNRVQVWKAITCNAPENADYFK
PAQNRIRKFTGGKCGHNDNVPTYFDYVPQFLR

>Contig1412

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KKIYEGLSNNGALKTRYQDKNGGNFFKLREYWWALNRQEIWKAITCKAPTADYFVYKPN
GVRTFTNTKCGHKDNNVPTNLDYVPQYLR

>Contig1413

DYIVQNHPNKDTSEVCTALARSFADIGDIVKGMDFKRTDNDEVWVGLRAVFGKIYKSLP
SPAQNYADDGSGNYYKLREAWWKAHRDQVWKAITCKAPPKVDFYIKNSDGSRGFTSQGQ
CGRNEINVPTNLDYVPQFLR

>Contig1414

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IHEKLTANGAQTYKDDTDKKNFYRLREDWWTANRHTVWKAITCDADTGNAYFRATCSD
SDGKGSFSQANYKCRCKKNDGKSETDQVPTYFDYVPQYLR

>Contig1415

KSLEKYRAEYDSKYEEIYSGSTICTILARSFADIGDIIRGKDLYLGDGKQNGKKTETE
REKLENLKVIFGNIYNELTNGVKDHYKDDDPDFKLREDWWALNRQTVWKAITCDEENK
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>Contig1416

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GKEYYNDTNNKINYVKLREDWWTANRDQVWRAITCYIPYYVNYFKKTPDDIIVFTNDGKC
GHYEGAPPTNLDYVPQFLR

>Contig1418

DSIRGYHPQHRTNPDTKSQLCTELARSFADIGDIVRGRDLYRGNDKEKEKRDELEDNLK
EIFKKIYEELKNGSNGKEAQEYKDEDPNYYQLREDWWTANRATIWEAITCGVKGDYF
RATCGGDGKHSTQASQCRCKGDQVPTYFDYVPQFLR

>Contig1419

TSVRDDYVKYQSKNEDFKTNICTVLARSFADIGDIIRGKDLYLGYDEKEKEQRDELEDNL
KGIFKKIHEDVTSSGNKGTQLERYNGDGDNYFQLREDWWTANRHTVWEAITCGVHGSDY
FRHTCNGQNKQNNCRICIGTVPTYFDYVPQYLR

>Contig1420

KSLVEQYEKHKKNYPHTNICTVLARSFADIGDIVRGKDLYLGYDDEEKNRRQQLEENLQK
IFQQIHSDVTSTSRNRKRTNGAEERYNGDKDPNYYQLREDWWNANRQQVWKAITCHAEHS
DEYFRKSRDGVVLYLFDRCGRDLSSVPTNLDYVPQYLR

>Contig1421

ESIVNNHPHKGTSDVCTALARSFADIGDIVRGIDMFKPNVHDKVEKGLREVFKKIHDGME
GEVKNYNPDGSGNYYKLREAWWNVNRNKVWEAITCGALPKSAYFMQSEDNKQLFSYPKC
GHNNKDDPLTNLDYVPQYLR

>Contig1423

QSITQDYPKYQAQYASSASPSQICTMLARSFADIGDIVRGRDLYRQVNGNDKLENKLEI
FKKIYEKLLKDKEAQTRYQDDNDGNFYQLREDWWTANRATVWEAITCNAGGSQYFRQTCSE
EPLSKQKCSCPNAVPTYFDYVPQFLR

>Contig1424

QSLKTYRDQYDAEYPSGSTFTMCTMLARSFADIGDIIRGKDLYLGHGEGNNRLEARLKT
IFQNIQNKNKSPLNKLKLEKRFREYWWALNRDQVWKAITCGATMNDIFSKNIRNGNTILFD
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>Contig1426

QSIKEDHVKYHAHNPDFNTTICTELARSFADIGDIIRGKDLFRGYDQKDREQKQKIQDNL
KDIFEKIHSEVTNGKNGKKQALQERYQKDEEDGNFYQLREDWWEANRLQVWKAMTCSDKL
ASASYFRATCSDSEHSGTFSQATKQCRCDDKPKGANAGKVGGDVNIPTTYFDYVPQYLR

>Contig1427

ESLIPYHDKYKLYGDSQICTVLARSFADIGDIIRGKDLFRGNNKEKKQREKLDENLKNN
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FRGTCGGDENTATRTPSHCRCDGKNADQVPTYFDYVPQFLR

>Contig1428

ESLIHYHEQYQNKYGDSQLCTMLARSFADIGDIVRGKDLYRGNDEEKKQRDKLDKNFKKY
FQQIHDDVMSTKGRHGVKARYKADKNNNFFQLREDWWALNRETVMKAITCKADNSNRYFR
QTCNDNESLSHSHKCRCSRKNFKEETDQVPTYFDYVPQYLR

>Contig1429

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FKNIYEKLLLENQTNKTNEKKLALQARYKKDGDNFYQLREDWWEANRETVMKALTCNAP
EKAHYFKPSENNTQYFSNEYCGGKQEGYVPTNLDYVPQFLR

>Contig1430

ESLKNYHAQYRANNTDFKTNICTELARSFADIGDIIRGKDLYLGYDDKEKNRREKLEKNL
KKIFGNIYNNLVREKPKAQKDHYQDNDENYFQLREDWWNANRATVWKAITCNAGGGKYFRN
TCAGGKTATEGKCRCVANVPTYFDYVPQYLR

>Contig1432

ESIVKNHPHKGTSDVCTALARSFADIGDIVRGRDMFKSNEDVEKGLKIVFDKIYKLLGKE
GKNYPDDVSGNYYKLREAWWTANRNQVWEAITYKAPKDAHIFLKSPPDFKSFSDHKCGHY
EGAPPTNLDYVPQYLR