

Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
10/23/2020 7:15 PM

INPUT INSTRUCTIONS

TITLE: Structural Models – PAF Int Ext w CBCL Controls
DATA: FILE = "All_Variables_101320_wCBCL_forSC9Check.dat";
VARIABLE:
NAMES = ff_id ThreatComp DepComp k6d2ag k6d2ai k6d2d k6d2j k6d2t
k6d2ac k6d2ak k6d2c
k6d2n k6d2x p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
k6d2ag_r k6d2ai_r
k6d2d_r k6d2j_r k6d2t_r k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r
k6d2x_r k6d61a k6d61b
k6d61c k6d61d k6d61e k6d61f k6d61g k6d61h k6d61i k6d61j k6d61k
k6d61l k6d61m
k6d2a k6d2p k6d2r k6d2z k6d2ab k6d2aj k6d40 k6d48 k6f63 k6f68
k6f74 p6b35 p6b37
p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59 p6b49
p6b50 p6b51 p6b60
p6b61 p6b62 p6b63 p6b64 p6b67 k6d2a_r k6d2p_r k6d2r_r k6d2z_r
k6d2ab_r k6d2aj_r
k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r k6d2b k6d2e k6d2f k6d2g
k6d2h k6d2i
k6d2k k6d2l k6d2m k6d2o k6d2s k6d2u k6d2v k6d2w k6d2y k6d2aa
k6d2ad k6d2ae
k6d2af k6d2ah k6d2b_r k6d2e_r k6d2f_r k6d2g_r k6d2h_r k6d2i_r
k6d2k_r k6d2l_r
k6d2m_r k6d2o_r k6d2s_r k6d2u_r k6d2v_r k6d2w_r k6d2y_r
k6d2aa_r k6d2ad_r
k6d2ae_r k6d2af_r k6d2ah_r k5e1a k5e1b k5e1c k5e1d k6b1a k6b1b
k6b1c k6b1d
k6b1a_r k6b1c_r k6b1b_r k6b1d_r povco_avg Race_AA Race_C Race_L
cm1bsex
InternCBCL9 ExternCBCL9 Intern_CBCL15 Extern_CBCL15 p5q3m
p5q3ab p5q3ac p5q3ad
p5q3ae p5q3af p5q3ah p5q3ar p5q3av p5q3ax p5q3bq p5q3ck p5q3db
p5q3e p5q3ao
p5q3bk p5q3bo p5q3bu p5q3cu p5q3cv p5q3da p5q3as p5q3au p5q3aw
p5q3az p5q3bb1
p5q3bb2 p5q3bb3 p5q3bb4 p5q3bb5 p5q3bb6 p5q3bb7 p5q3b p5q3x
p5q3aa p5q3al
p5q3ap p5q3bi p5q3bm p5q3br p5q3bs p5q3bz p5q3ca p5q3cj p5q3cp
p5q3cr p5q3ct
p5q3cx p5q3cy p5q3c p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj
p5q3bc p5q3bn
p5q3cf p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw;

! A measurement model with the age 9 CBCL data brought into light

items with very low fre
! which resulted in zeros in categorical cells with combined data.
Those items with less
! cases in a certain category have been excluded – interestingly,
it only resulted in los
! psychopathology items.

USEVARIABLES =
ThreatComp DepComp
! SC15
!k6b1a_r k6b1b_r k6b1c_r k6b1d_r
! SC9
!k5e1a k5e1b k5e1c k5e1d
! Anxiety
k6d2ag_r k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
! Depression
k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r
! Internalizing CBCL
!p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
! Impulsivity (Reverse Coded)
k6d2a_r k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
! Delinquency
k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
! Delinquency items removed due to low freq: k6d61h k6d61f k6d61g
k6d61a k6d61b k6d61i k6d
! Substance Use (Dichotomous)
k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r
! Externalizing CBCL
!p6b35 p6b37 p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59
p6b49 p6b50
!p6b51 p6b60 p6b61 p6b62 p6b63 p6b64 p6b67
! PAF
k6d2b_r k6d2f_r k6d2g_r
k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
k6d2s_r k6d2v_r k6d2w_r k6d2y_r
k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r

! Age 9 IntCBCL
p5q3m p5q3ab p5q3ad p5q3af p5q3ah p5q3ar p5q3av p5q3ax p5q3bq
p5q3ck p5q3db p5q3e p5q3ao p5q3bk p5q3bo p5q3cu p5q3da p5q3as
p5q3au p5q3az p5q3bb1 p5q3bb2 p5q3bb5 p5q3bb6 p5q3bb7
! IntCBCL items removed due to low freq: p5q3aw p5q3ac p5q3cv
p5q3bb3
! IntCBCL items removed due to low loading: p5q3ae p5q3bu p5q3bb4

! Age 9 ExtCBCL
p5q3x p5q3aa p5q3al p5q3ap p5q3bi p5q3bz p5q3cj
p5q3c p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc
p5q3bn p5q3cf p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw

! ExtCBCL items removed due to low freq: p5q3cx p5q3cr p5q3b p5q3bm
p5q3br p5q3bs
! p5q3cp p5q3ct p5q3cy p5q3ca

! Covariates (CBCL at age 9)
!InternCBCL ExternCBCL

;
! 9.24.2019 – I am removing te 4 items on the PAF engagement
subscale because
! they all have standard factor loadings below 0.3 and qualitatively
seem
! to be measuring something different. Those items are: k6d2e,
k6d2h, k6d2u, k6d2ad.

CATEGORICAL =

! SC15

!k6b1a_r k6b1b_r k6b1c_r k6b1d_r

! SC9

!k5e1a k5e1b k5e1c k5e1d

! Anxiety

k6d2ag_r k6d2ai_r k6d2d_r k6d2j_r k6d2t_r

! Depression

k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r

! Impulsivity (Reverse Coded)

k6d2a_r k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r

! Delinquency

k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m

! Substance Use (Dichotomous)

k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r

! PAF

k6d2b_r k6d2f_r k6d2g_r

k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r

k6d2s_r k6d2v_r k6d2w_r k6d2y_r

k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r

! Age 9 IntCBCL

p5q3m p5q3ab p5q3ad p5q3af p5q3ah p5q3ar p5q3av p5q3ax p5q3bq

p5q3ck p5q3db p5q3e p5q3ao p5q3bk p5q3bo p5q3cu p5q3da p5q3as

p5q3au p5q3az p5q3bb1 p5q3bb2 p5q3bb5 p5q3bb6 p5q3bb7

! Age 9 ExtCBCL

p5q3x p5q3aa p5q3al p5q3ap p5q3bi p5q3bz p5q3cj

p5q3c p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc

p5q3bn p5q3cf p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw

;

IDVARIABLE = ff_id;
MISSING=ALL(99);

MODEL:

! School Connectedness @ Age 15
!SC15 BY k6b1a_r* k6b1b_r k6b1c_r k6b1d_r;
!SC15 @ 1;

! School Connectedness @ Age 9
!SC9 BY k5e1a* k5e1b k5e1c k5e1d;
!SC9 @ 1;

! Internalizing @ Age 15
Internalizing BY k6d2ag_r* k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r;

Internalizing @ 1;

! Externalizing @ Age 15
EXTERN BY k6d2a_r* k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
k6d61c k6d61d k6d61e k6d61k k6d61l k6d61m
k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r;

EXTERN @ 1;

! PAF @ Age 15
PAF BY k6d2b_r* k6d2f_r k6d2g_r
k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
k6d2s_r k6d2v_r k6d2w_r k6d2y_r
k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r;
PAF @ 1;

! Age 9 IntCBCL
InCBCL BY p5q3m* p5q3ab p5q3ad p5q3af
p5q3ah p5q3ar p5q3av p5q3ax p5q3bq
p5q3ck p5q3db p5q3e p5q3ao p5q3bk p5q3bo
p5q3cu p5q3da p5q3as p5q3au p5q3az p5q3bb1 p5q3bb2
p5q3bb5 p5q3bb6 p5q3bb7;

InCBCL @ 1;

! Age 9 ExtCBCL
ExCBCL BY p5q3x* p5q3aa p5q3al p5q3ap p5q3bi
p5q3bz p5q3cj p5q3c p5q3o p5q3r

p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc p5q3bn p5q3cf
p5q3cg p5q3ch p5q3ci p5q3cn p5q3co p5q3cq p5q3cw;

ExCBCL @ 1;

! Structural Main Effects Model

InCBCL ON DepComp;
InCBCL ON ThreatComp;
!InCBCL ON SC9;

ExCBCL ON DepComp;
ExCBCL ON ThreatComp;
!ExCBCL ON SC9;

EXTERN ON ThreatComp;
Internalizing ON ThreatComp;
PAF on ThreatComp;

EXTERN ON DepComp;
Internalizing ON DepComp;
PAF on DepComp;

!EXTERN ON SC9;
!Internalizing ON SC9;
!PAF ON SC9;

!EXTERN ON SC15;
!Internalizing ON SC15;
!PAF ON SC15;

EXTERN ON ExCBCL;
Internalizing ON InCBCL;

OUTPUT: modindices (ALL) standardized sampstat;

*** WARNING

Input line exceeded 90 characters. Some input may be truncated.
! A measurement model with the age 9 CBCL data brought into light
items with very low freq

*** WARNING

Input line exceeded 90 characters. Some input may be truncated.
! which resulted in zeros in categorical cells with combined data.
Those items with less t

*** WARNING

Input line exceeded 90 characters. Some input may be truncated.
! cases in a certain category have been excluded – interestingly,

it only resulted in losi

*** WARNING

Input line exceeded 90 characters. Some input may be truncated.

! Delinquency items removed due to low freq: k6d61h k6d61f k6d61g
k6d61a k6d61b k6d61i k6d6

*** WARNING in VARIABLE command

Note that only the first 8 characters of variable names are used in
the output.

Shorten variable names to avoid any confusion.

*** WARNING

Data set contains cases with missing on all variables.

These cases were not included in the analysis.

Number of cases with missing on all variables: 320

*** WARNING

Data set contains cases with missing on x-variables.

These cases were not included in the analysis.

Number of cases with missing on x-variables: 62

*** WARNING

Data set contains cases with missing on all variables except

x-variables. These cases were not included in the analysis.

Number of cases with missing on all variables except x-variables:
794

8 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS

Structual Models – PAF Int Ext w CBCL Controls

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	3722
Number of dependent variables	93
Number of independent variables	2
Number of continuous latent variables	5

Observed dependent variables

Binary and ordered categorical (ordinal)					
K6D2AG_R	K6D2AI_R	K6D2D_R	K6D2J_R	K6D2T_R	
K6D2AC_R					
K6D2AK_R	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R	K6D2P_R
K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R	K6D61C	K6D61D
K6D61E	K6D61K	K6D61L	K6D61M	K6D40_R	K6D48_R
K6F63_R	K6F68_R	K6F74_R	K6D2B_R	K6D2F_R	K6D2G_R
K6D2I_R	K6D2K_R	K6D2L_R	K6D2M_R	K6D20_R	K6D2S_R
K6D2V_R	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R	
K6D2AF_R					
K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD	P5Q3AF	P5Q3AH

P5Q3AR	P5Q3AV	P5Q3AX	P5Q3BQ	P5Q3CK	P5Q3DB
P5Q3E	P5Q3A0	P5Q3BK	P5Q3B0	P5Q3CU	P5Q3DA
P5Q3AS	P5Q3AU	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
P5Q3BB6	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL	P5Q3AP
P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C	P5Q30	P5Q3R
P5Q3S	P5Q3T	P5Q3U	P5Q3V	P5Q3AJ	P5Q3BC
P5Q3BN	P5Q3CF	P5Q3CG	P5Q3CH	P5Q3CI	P5Q3CN
P5Q3C0	P5Q3CQ	P5Q3CW			

Observed independent variables
THREATCO DEPCOMP

Continuous latent variables
INTERNAL EXTERN PAF INCBCL EXCBCL

Variables with special functions

ID variable FF_ID

Estimator	WLSMV
Maximum number of iterations	1000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20
Maximum number of iterations for H1	2000
Convergence criterion for H1	0.100D-03
Parameterization	DELTA
Link	PROBIT

Input data file(s)
All_Variables_101320_wCBCL_forSC9Check.dat

Input data format FREE

SUMMARY OF DATA

Number of missing data patterns	239
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COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.100

PROPORTION OF DATA PRESENT

	Covariance Coverage			
	K6D2AG_R	K6D2AI_R	K6D2D_R	K6D2J_R
K6D2T_R				

K6D2AG_R	0.918			
K6D2AI_R	0.916	0.916		
K6D2D_R	0.913	0.912	0.914	
K6D2J_R	0.904	0.904	0.901	0.905
K6D2T_R	0.917	0.916	0.913	0.904
0.918				
K6D2AC_R	0.916	0.915	0.913	0.904
0.917				
K6D2AK_R	0.916	0.916	0.913	0.904
0.916				
K6D2C_R	0.907	0.906	0.904	0.897
0.907				
K6D2N_R	0.916	0.915	0.912	0.903
0.916				
K6D2X_R	0.916	0.915	0.913	0.904
0.916				
K6D2A_R	0.917	0.916	0.913	0.904
0.917				
K6D2P_R	0.917	0.916	0.913	0.904
0.917				
K6D2R_R	0.916	0.915	0.912	0.904
0.916				
K6D2Z_R	0.916	0.915	0.913	0.904
0.916				
K6D2AB_R	0.917	0.916	0.913	0.904
0.917				
K6D2AJ_R	0.917	0.916	0.913	0.904
0.917				
K6D61C	0.915	0.914	0.911	0.902
0.915				
K6D61D	0.915	0.914	0.911	0.902
0.915				
K6D61E	0.914	0.913	0.911	0.901
0.914				
K6D61K	0.915	0.914	0.911	0.902
0.915				
K6D61L	0.915	0.915	0.912	0.902
0.915				
K6D61M	0.913	0.913	0.910	0.901
0.913				
K6D40_R	0.915	0.914	0.912	0.902
0.915				
K6D48_R	0.915	0.914	0.911	0.902
0.915				
K6F63_R	0.914	0.913	0.910	0.901
0.914				
K6F68_R	0.914	0.913	0.910	0.901
0.914				

K6F74_R 0.914	0.914	0.913	0.911	0.901
K6D2B_R 0.917	0.917	0.916	0.913	0.904
K6D2F_R 0.918	0.917	0.916	0.914	0.904
K6D2G_R 0.918	0.918	0.916	0.914	0.905
K6D2I_R 0.917	0.916	0.915	0.913	0.904
K6D2K_R 0.917	0.917	0.916	0.913	0.904
K6D2L_R 0.918	0.918	0.916	0.914	0.905
K6D2M_R 0.918	0.918	0.916	0.914	0.905
K6D2O_R 0.917	0.917	0.916	0.913	0.904
K6D2S_R 0.918	0.918	0.916	0.914	0.905
K6D2V_R 0.918	0.918	0.916	0.914	0.905
K6D2W_R 0.917	0.917	0.916	0.914	0.904
K6D2Y_R 0.917	0.917	0.916	0.913	0.904
K6D2AA_R 0.918	0.918	0.916	0.914	0.905
K6D2AE_R 0.916	0.916	0.914	0.912	0.903
K6D2AF_R 0.918	0.917	0.916	0.914	0.904
K6D2AH_R 0.906	0.906	0.905	0.903	0.895
P5Q3M 0.811	0.811	0.810	0.807	0.799
P5Q3AB 0.810	0.810	0.809	0.807	0.798
P5Q3AD 0.810	0.810	0.809	0.806	0.798
P5Q3AF 0.811	0.811	0.810	0.807	0.799
P5Q3AH 0.812	0.812	0.811	0.808	0.800
P5Q3AR 0.812	0.812	0.811	0.808	0.800
P5Q3AV 0.812	0.812	0.811	0.808	0.800
P5Q3AX 0.812	0.812	0.811	0.809	0.800

P5Q3BQ 0.811	0.811	0.810	0.807	0.799
P5Q3CK 0.813	0.812	0.812	0.809	0.801
P5Q3DB 0.801	0.801	0.800	0.798	0.790
P5Q3E 0.807	0.807	0.806	0.804	0.796
P5Q3A0 0.811	0.811	0.810	0.808	0.799
P5Q3BK 0.811	0.811	0.810	0.807	0.799
P5Q3B0 0.813	0.813	0.812	0.809	0.801
P5Q3CU 0.812	0.812	0.811	0.808	0.800
P5Q3DA 0.810	0.809	0.808	0.806	0.797
P5Q3AS 0.812	0.812	0.811	0.808	0.800
P5Q3AU 0.811	0.810	0.810	0.807	0.798
P5Q3AZ 0.812	0.812	0.811	0.808	0.800
P5Q3BB1 0.810	0.810	0.809	0.806	0.798
P5Q3BB2 0.809	0.809	0.808	0.805	0.797
P5Q3BB5 0.807	0.807	0.806	0.804	0.796
P5Q3BB6 0.811	0.811	0.810	0.807	0.799
P5Q3BB7 0.802	0.802	0.801	0.798	0.790
P5Q3X 0.810	0.810	0.809	0.807	0.798
P5Q3AA 0.811	0.811	0.810	0.808	0.799
P5Q3AL 0.812	0.812	0.811	0.808	0.800
P5Q3AP 0.812	0.812	0.811	0.809	0.800
P5Q3BI 0.812	0.811	0.811	0.808	0.800
P5Q3BZ 0.813	0.813	0.812	0.810	0.801
P5Q3CJ 0.812	0.812	0.811	0.808	0.800
P5Q3C 0.805	0.805	0.804	0.801	0.794

P5Q30	0.810	0.810	0.807	0.799
0.811				
P5Q3R	0.812	0.811	0.808	0.800
0.812				
P5Q3S	0.812	0.811	0.808	0.800
0.812				
P5Q3T	0.811	0.811	0.808	0.800
0.812				
P5Q3U	0.811	0.810	0.808	0.799
0.811				
P5Q3V	0.805	0.805	0.802	0.794
0.806				
P5Q3AJ	0.812	0.811	0.808	0.800
0.812				
P5Q3BC	0.809	0.808	0.805	0.797
0.809				
P5Q3BN	0.812	0.812	0.809	0.801
0.813				
P5Q3CF	0.812	0.811	0.808	0.800
0.812				
P5Q3CG	0.812	0.811	0.808	0.800
0.812				
P5Q3CH	0.808	0.807	0.804	0.796
0.808				
P5Q3CI	0.811	0.811	0.808	0.800
0.812				
P5Q3CN	0.812	0.812	0.809	0.801
0.813				
P5Q3C0	0.812	0.812	0.809	0.801
0.813				
P5Q3CQ	0.812	0.812	0.809	0.801
0.813				
P5Q3CW	0.813	0.812	0.809	0.801
0.813				

K6D2X_R	Covariance Coverage			
	K6D2AC_R	K6D2AK_R	K6D2C_R	K6D2N_R
K6D2AC_R	0.917			
K6D2AK_R	0.916	0.917		
K6D2C_R	0.906	0.907	0.907	
K6D2N_R	0.916	0.915	0.906	0.917
K6D2X_R	0.916	0.916	0.906	0.916
0.917				
K6D2A_R	0.917	0.916	0.907	0.916
0.916				
K6D2P_R	0.916	0.916	0.907	0.916

0.916				
K6D2R_R	0.916	0.915	0.906	0.915
0.915				
K6D2Z_R	0.916	0.916	0.907	0.915
0.916				
K6D2AB_R	0.916	0.916	0.907	0.916
0.917				
K6D2AJ_R	0.916	0.917	0.907	0.916
0.916				
K6D61C	0.915	0.915	0.905	0.914
0.914				
K6D61D	0.915	0.915	0.905	0.914
0.914				
K6D61E	0.914	0.914	0.904	0.913
0.913				
K6D61K	0.914	0.915	0.904	0.914
0.914				
K6D61L	0.915	0.915	0.905	0.915
0.915				
K6D61M	0.913	0.913	0.903	0.913
0.913				
K6D40_R	0.915	0.915	0.905	0.915
0.915				
K6D48_R	0.915	0.915	0.905	0.914
0.914				
K6F63_R	0.913	0.914	0.904	0.913
0.913				
K6F68_R	0.913	0.914	0.904	0.913
0.913				
K6F74_R	0.914	0.914	0.904	0.913
0.913				
K6D2B_R	0.917	0.916	0.907	0.916
0.917				
K6D2F_R	0.917	0.917	0.907	0.916
0.917				
K6D2G_R	0.917	0.917	0.907	0.917
0.917				
K6D2I_R	0.916	0.916	0.906	0.916
0.916				
K6D2K_R	0.916	0.916	0.907	0.916
0.916				
K6D2L_R	0.917	0.917	0.907	0.917
0.917				
K6D2M_R	0.917	0.917	0.907	0.917
0.917				
K6D20_R	0.917	0.916	0.907	0.916
0.916				
K6D2S_R	0.917	0.917	0.907	0.917
0.917				
K6D2V_R	0.917	0.917	0.907	0.917

0.917				
K6D2W_R	0.917	0.916	0.907	0.916
0.916				
K6D2Y_R	0.917	0.916	0.907	0.916
0.916				
K6D2AA_R	0.917	0.917	0.907	0.917
0.917				
K6D2AE_R	0.915	0.915	0.905	0.915
0.915				
K6D2AF_R	0.917	0.917	0.907	0.916
0.917				
K6D2AH_R	0.905	0.906	0.897	0.905
0.906				
P5Q3M	0.810	0.810	0.801	0.810
0.811				
P5Q3AB	0.810	0.810	0.800	0.810
0.810				
P5Q3AD	0.810	0.809	0.800	0.809
0.810				
P5Q3AF	0.811	0.810	0.801	0.810
0.811				
P5Q3AH	0.812	0.811	0.802	0.811
0.812				
P5Q3AR	0.811	0.811	0.802	0.811
0.812				
P5Q3AV	0.812	0.811	0.802	0.811
0.812				
P5Q3AX	0.812	0.812	0.802	0.812
0.812				
P5Q3BQ	0.811	0.810	0.801	0.810
0.811				
P5Q3CK	0.812	0.812	0.803	0.812
0.812				
P5Q3DB	0.801	0.801	0.791	0.801
0.801				
P5Q3E	0.807	0.807	0.797	0.807
0.807				
P5Q3A0	0.811	0.811	0.801	0.811
0.811				
P5Q3BK	0.810	0.810	0.801	0.810
0.811				
P5Q3B0	0.812	0.812	0.803	0.812
0.813				
P5Q3CU	0.812	0.811	0.802	0.811
0.812				
P5Q3DA	0.809	0.809	0.799	0.809
0.809				
P5Q3AS	0.811	0.811	0.802	0.811
0.812				
P5Q3AU	0.810	0.810	0.800	0.810

0.810				
P5Q3AZ	0.811	0.811	0.802	0.811
0.812				
P5Q3BB1	0.810	0.809	0.800	0.809
0.810				
P5Q3BB2	0.808	0.808	0.799	0.808
0.809				
P5Q3BB5	0.807	0.807	0.797	0.807
0.807				
P5Q3BB6	0.811	0.810	0.801	0.810
0.811				
P5Q3BB7	0.801	0.801	0.792	0.801
0.802				
P5Q3X	0.810	0.810	0.800	0.810
0.810				
P5Q3AA	0.811	0.811	0.801	0.811
0.811				
P5Q3AL	0.811	0.811	0.802	0.811
0.812				
P5Q3AP	0.812	0.812	0.802	0.812
0.812				
P5Q3BI	0.811	0.811	0.801	0.811
0.811				
P5Q3BZ	0.813	0.812	0.803	0.812
0.813				
P5Q3CJ	0.811	0.811	0.802	0.811
0.812				
P5Q3C	0.805	0.804	0.795	0.804
0.805				
P5Q30	0.810	0.810	0.800	0.810
0.810				
P5Q3R	0.811	0.811	0.802	0.811
0.812				
P5Q3S	0.811	0.811	0.802	0.811
0.812				
P5Q3T	0.811	0.811	0.801	0.811
0.811				
P5Q3U	0.811	0.811	0.801	0.811
0.811				
P5Q3V	0.805	0.805	0.796	0.805
0.805				
P5Q3AJ	0.812	0.811	0.802	0.811
0.812				
P5Q3BC	0.809	0.808	0.799	0.808
0.809				
P5Q3BN	0.812	0.812	0.803	0.812
0.812				
P5Q3CF	0.812	0.811	0.802	0.811
0.812				
P5Q3CG	0.811	0.811	0.802	0.811

0.812				
P5Q3CH	0.808	0.807	0.798	0.807
0.808				
P5Q3CI	0.811	0.811	0.801	0.811
0.811				
P5Q3CN	0.812	0.812	0.803	0.812
0.812				
P5Q3C0	0.812	0.812	0.803	0.812
0.812				
P5Q3CQ	0.812	0.812	0.803	0.812
0.812				
P5Q3CW	0.812	0.812	0.803	0.812
0.813				

	Covariance Coverage			
	K6D2A_R	K6D2P_R	K6D2R_R	K6D2Z_R
K6D2AB_R				
K6D2A_R	0.918			
K6D2P_R	0.917	0.918		
K6D2R_R	0.916	0.916	0.917	
K6D2Z_R	0.917	0.916	0.916	0.917
K6D2AB_R	0.917	0.917	0.916	0.916
0.918				
K6D2AJ_R	0.917	0.917	0.916	0.916
0.917				
K6D61C	0.915	0.915	0.914	0.914
0.915				
K6D61D	0.915	0.915	0.914	0.914
0.915				
K6D61E	0.914	0.914	0.913	0.913
0.914				
K6D61K	0.915	0.915	0.914	0.914
0.915				
K6D61L	0.915	0.915	0.914	0.915
0.915				
K6D61M	0.913	0.913	0.913	0.913
0.913				
K6D40_R	0.915	0.915	0.914	0.915
0.915				
K6D48_R	0.915	0.915	0.914	0.914
0.915				
K6F63_R	0.914	0.914	0.913	0.913
0.914				
K6F68_R	0.914	0.914	0.913	0.913
0.914				
K6F74_R	0.914	0.914	0.913	0.913
0.914				

K6D2B_R 0.917	0.917	0.917	0.916	0.916
K6D2F_R 0.917	0.918	0.917	0.916	0.917
K6D2G_R 0.918	0.918	0.918	0.917	0.917
K6D2I_R 0.916	0.917	0.917	0.916	0.916
K6D2K_R 0.917	0.917	0.917	0.916	0.916
K6D2L_R 0.918	0.918	0.918	0.917	0.917
K6D2M_R 0.918	0.918	0.918	0.917	0.917
K6D2O_R 0.917	0.917	0.917	0.916	0.916
K6D2S_R 0.918	0.918	0.918	0.917	0.917
K6D2V_R 0.918	0.918	0.918	0.917	0.917
K6D2W_R 0.917	0.917	0.917	0.916	0.917
K6D2Y_R 0.917	0.917	0.917	0.916	0.916
K6D2AA_R 0.918	0.918	0.918	0.917	0.917
K6D2AE_R 0.916	0.916	0.916	0.915	0.915
K6D2AF_R 0.918	0.918	0.917	0.916	0.917
K6D2AH_R 0.906	0.906	0.906	0.905	0.905
P5Q3M 0.811	0.811	0.811	0.810	0.810
P5Q3AB 0.810	0.810	0.810	0.809	0.810
P5Q3AD 0.810	0.810	0.810	0.809	0.809
P5Q3AF 0.811	0.811	0.811	0.810	0.810
P5Q3AH 0.812	0.812	0.812	0.811	0.811
P5Q3AR 0.812	0.812	0.812	0.811	0.811
P5Q3AV 0.812	0.812	0.812	0.811	0.811
P5Q3AX 0.812	0.812	0.812	0.811	0.812
P5Q3BQ 0.811	0.811	0.811	0.810	0.810

P5Q3CK	0.813	0.812	0.812	0.812
0.813				
P5Q3DB	0.801	0.801	0.800	0.801
0.801				
P5Q3E	0.807	0.807	0.806	0.807
0.807				
P5Q3A0	0.811	0.811	0.810	0.811
0.811				
P5Q3BK	0.811	0.811	0.810	0.810
0.811				
P5Q3B0	0.813	0.813	0.812	0.812
0.813				
P5Q3CU	0.812	0.812	0.811	0.811
0.812				
P5Q3DA	0.810	0.809	0.808	0.809
0.810				
P5Q3AS	0.812	0.812	0.811	0.811
0.812				
P5Q3AU	0.811	0.811	0.810	0.810
0.811				
P5Q3AZ	0.812	0.812	0.811	0.811
0.812				
P5Q3BB1	0.810	0.810	0.809	0.809
0.810				
P5Q3BB2	0.809	0.809	0.808	0.808
0.809				
P5Q3BB5	0.807	0.807	0.806	0.807
0.807				
P5Q3BB6	0.811	0.811	0.810	0.810
0.811				
P5Q3BB7	0.802	0.802	0.801	0.801
0.802				
P5Q3X	0.810	0.810	0.809	0.810
0.810				
P5Q3AA	0.811	0.811	0.810	0.811
0.811				
P5Q3AL	0.812	0.812	0.811	0.811
0.812				
P5Q3AP	0.812	0.812	0.811	0.812
0.812				
P5Q3BI	0.812	0.811	0.811	0.811
0.812				
P5Q3BZ	0.813	0.813	0.812	0.812
0.813				
P5Q3CJ	0.812	0.812	0.811	0.811
0.812				
P5Q3C	0.805	0.805	0.804	0.804
0.805				
P5Q30	0.811	0.810	0.810	0.810
0.811				

P5Q3R	0.812	0.812	0.811	0.811
0.812				
P5Q3S	0.812	0.812	0.811	0.811
0.812				
P5Q3T	0.812	0.812	0.811	0.811
0.812				
P5Q3U	0.811	0.811	0.810	0.811
0.811				
P5Q3V	0.806	0.806	0.805	0.805
0.806				
P5Q3AJ	0.812	0.812	0.811	0.811
0.812				
P5Q3BC	0.809	0.809	0.808	0.808
0.809				
P5Q3BN	0.813	0.812	0.812	0.812
0.813				
P5Q3CF	0.812	0.812	0.811	0.811
0.812				
P5Q3CG	0.812	0.812	0.811	0.811
0.812				
P5Q3CH	0.808	0.808	0.807	0.807
0.808				
P5Q3CI	0.812	0.811	0.811	0.811
0.812				
P5Q3CN	0.813	0.812	0.812	0.812
0.813				
P5Q3C0	0.813	0.812	0.812	0.812
0.813				
P5Q3CQ	0.813	0.812	0.812	0.812
0.813				
P5Q3CW	0.813	0.813	0.812	0.812
0.813				

K6D61K	Covariance Coverage			
	K6D2AJ_R	K6D61C	K6D61D	K6D61E
<hr/>				
K6D2AJ_R	0.918			
K6D61C	0.915	0.916		
K6D61D	0.915	0.916	0.916	
K6D61E	0.915	0.915	0.915	0.915
K6D61K	0.915	0.915	0.915	0.914
0.915				
K6D61L	0.916	0.916	0.916	0.915
0.915				
K6D61M	0.914	0.914	0.914	0.913
0.913				
K6D40_R	0.915	0.916	0.916	0.915

0.915				
K6D48_R	0.915	0.915	0.915	0.915
0.915				
K6F63_R	0.914	0.914	0.914	0.913
0.914				
K6F68_R	0.914	0.914	0.914	0.913
0.914				
K6F74_R	0.915	0.915	0.915	0.914
0.914				
K6D2B_R	0.917	0.915	0.915	0.914
0.915				
K6D2F_R	0.917	0.915	0.915	0.915
0.915				
K6D2G_R	0.918	0.916	0.916	0.915
0.915				
K6D2I_R	0.916	0.915	0.915	0.914
0.914				
K6D2K_R	0.917	0.915	0.915	0.914
0.915				
K6D2L_R	0.918	0.916	0.916	0.915
0.915				
K6D2M_R	0.918	0.916	0.916	0.915
0.915				
K6D2O_R	0.917	0.915	0.915	0.914
0.915				
K6D2S_R	0.918	0.916	0.916	0.915
0.915				
K6D2V_R	0.918	0.916	0.916	0.915
0.915				
K6D2W_R	0.917	0.915	0.915	0.914
0.915				
K6D2Y_R	0.917	0.915	0.915	0.914
0.915				
K6D2AA_R	0.918	0.916	0.916	0.915
0.915				
K6D2AE_R	0.915	0.913	0.913	0.913
0.913				
K6D2AF_R	0.918	0.915	0.915	0.915
0.915				
K6D2AH_R	0.906	0.904	0.904	0.903
0.904				
P5Q3M	0.811	0.810	0.810	0.809
0.809				
P5Q3AB	0.810	0.809	0.809	0.808
0.808				
P5Q3AD	0.810	0.809	0.809	0.808
0.808				
P5Q3AF	0.811	0.810	0.810	0.809
0.809				
P5Q3AH	0.812	0.811	0.811	0.810

0.810				
P5Q3AR	0.812	0.811	0.811	0.810
0.810				
P5Q3AV	0.812	0.811	0.811	0.810
0.810				
P5Q3AX	0.812	0.811	0.811	0.811
0.811				
P5Q3BQ	0.811	0.810	0.810	0.809
0.809				
P5Q3CK	0.813	0.811	0.811	0.811
0.811				
P5Q3DB	0.801	0.800	0.800	0.800
0.800				
P5Q3E	0.807	0.806	0.806	0.805
0.805				
P5Q3A0	0.811	0.810	0.810	0.810
0.810				
P5Q3BK	0.811	0.810	0.810	0.809
0.809				
P5Q3B0	0.813	0.812	0.812	0.811
0.811				
P5Q3CU	0.812	0.811	0.811	0.810
0.810				
P5Q3DA	0.810	0.808	0.808	0.808
0.808				
P5Q3AS	0.812	0.811	0.811	0.810
0.810				
P5Q3AU	0.811	0.809	0.809	0.809
0.809				
P5Q3AZ	0.812	0.811	0.811	0.810
0.810				
P5Q3BB1	0.810	0.809	0.809	0.808
0.808				
P5Q3BB2	0.809	0.808	0.808	0.807
0.807				
P5Q3BB5	0.807	0.806	0.806	0.805
0.805				
P5Q3BB6	0.811	0.810	0.810	0.809
0.809				
P5Q3BB7	0.802	0.801	0.801	0.800
0.800				
P5Q3X	0.810	0.809	0.809	0.808
0.808				
P5Q3AA	0.811	0.810	0.810	0.810
0.810				
P5Q3AL	0.812	0.811	0.811	0.810
0.810				
P5Q3AP	0.812	0.811	0.811	0.811
0.811				
P5Q3BI	0.812	0.810	0.810	0.810

0.810				
P5Q3BZ	0.813	0.812	0.812	0.811
0.811				
P5Q3CJ	0.812	0.811	0.811	0.810
0.810				
P5Q3C	0.805	0.804	0.804	0.803
0.803				
P5Q30	0.811	0.809	0.809	0.809
0.809				
P5Q3R	0.812	0.811	0.811	0.810
0.810				
P5Q3S	0.812	0.811	0.811	0.810
0.810				
P5Q3T	0.812	0.810	0.810	0.810
0.810				
P5Q3U	0.811	0.810	0.810	0.810
0.810				
P5Q3V	0.806	0.805	0.805	0.804
0.804				
P5Q3AJ	0.812	0.811	0.811	0.810
0.810				
P5Q3BC	0.809	0.808	0.808	0.807
0.807				
P5Q3BN	0.813	0.811	0.811	0.811
0.811				
P5Q3CF	0.812	0.811	0.811	0.810
0.810				
P5Q3CG	0.812	0.811	0.811	0.810
0.810				
P5Q3CH	0.808	0.807	0.807	0.806
0.806				
P5Q3CI	0.812	0.810	0.810	0.810
0.810				
P5Q3CN	0.813	0.811	0.811	0.811
0.811				
P5Q3C0	0.813	0.811	0.811	0.811
0.811				
P5Q3CQ	0.813	0.811	0.811	0.811
0.811				
P5Q3CW	0.813	0.812	0.812	0.811
0.811				

	Covariance Coverage			
K6F63_R	K6D61L	K6D61M	K6D40_R	K6D48_R
K6D61L	0.916			
K6D61M	0.914	0.914		

K6D40_R	0.916	0.914	0.916	
K6D48_R	0.915	0.913	0.916	0.916
K6F63_R	0.915	0.913	0.914	0.914
0.915				
K6F68_R	0.915	0.913	0.914	0.914
0.914				
K6F74_R	0.915	0.913	0.915	0.914
0.914				
K6D2B_R	0.915	0.913	0.915	0.915
0.914				
K6D2F_R	0.916	0.914	0.916	0.915
0.914				
K6D2G_R	0.916	0.914	0.916	0.916
0.915				
K6D2I_R	0.915	0.913	0.915	0.915
0.913				
K6D2K_R	0.915	0.913	0.915	0.915
0.914				
K6D2L_R	0.916	0.914	0.916	0.916
0.915				
K6D2M_R	0.916	0.914	0.916	0.916
0.915				
K6D2O_R	0.915	0.913	0.915	0.915
0.914				
K6D2S_R	0.916	0.914	0.916	0.916
0.915				
K6D2V_R	0.916	0.914	0.916	0.916
0.915				
K6D2W_R	0.915	0.914	0.915	0.915
0.914				
K6D2Y_R	0.915	0.913	0.915	0.915
0.914				
K6D2AA_R	0.916	0.914	0.916	0.916
0.915				
K6D2AE_R	0.914	0.912	0.914	0.913
0.912				
K6D2AF_R	0.916	0.914	0.916	0.915
0.914				
K6D2AH_R	0.904	0.902	0.904	0.904
0.903				
P5Q3M	0.810	0.808	0.810	0.810
0.809				
P5Q3AB	0.809	0.807	0.809	0.809
0.808				
P5Q3AD	0.809	0.807	0.809	0.809
0.808				
P5Q3AF	0.810	0.808	0.810	0.810
0.809				
P5Q3AH	0.811	0.809	0.811	0.811
0.810				

P5Q3AR 0.810	0.811	0.809	0.811	0.811
P5Q3AV 0.810	0.811	0.809	0.811	0.811
P5Q3AX 0.810	0.811	0.809	0.811	0.811
P5Q3BQ 0.809	0.810	0.808	0.810	0.810
P5Q3CK 0.811	0.811	0.810	0.812	0.811
P5Q3DB 0.799	0.800	0.798	0.800	0.800
P5Q3E 0.805	0.806	0.804	0.806	0.806
P5Q3A0 0.809	0.810	0.808	0.810	0.810
P5Q3BK 0.809	0.810	0.808	0.810	0.810
P5Q3B0 0.811	0.812	0.810	0.812	0.812
P5Q3CU 0.810	0.811	0.809	0.811	0.811
P5Q3DA 0.807	0.808	0.806	0.808	0.808
P5Q3AS 0.810	0.811	0.809	0.811	0.811
P5Q3AU 0.808	0.809	0.807	0.810	0.809
P5Q3AZ 0.810	0.811	0.809	0.811	0.811
P5Q3BB1 0.808	0.809	0.807	0.809	0.809
P5Q3BB2 0.807	0.808	0.806	0.808	0.808
P5Q3BB5 0.805	0.806	0.804	0.806	0.806
P5Q3BB6 0.809	0.810	0.808	0.810	0.810
P5Q3BB7 0.800	0.801	0.799	0.801	0.801
P5Q3X 0.808	0.809	0.807	0.809	0.809
P5Q3AA 0.809	0.810	0.808	0.810	0.810
P5Q3AL 0.810	0.811	0.809	0.811	0.811
P5Q3AP 0.810	0.811	0.809	0.811	0.811
P5Q3BI 0.810	0.810	0.808	0.811	0.810

P5Q3BZ 0.811	0.812	0.810	0.812	0.812
P5Q3CJ 0.810	0.811	0.809	0.811	0.811
P5Q3C 0.803	0.804	0.802	0.804	0.804
P5Q30 0.808	0.809	0.807	0.810	0.809
P5Q3R 0.810	0.811	0.809	0.811	0.811
P5Q3S 0.810	0.811	0.809	0.811	0.811
P5Q3T 0.810	0.810	0.808	0.811	0.810
P5Q3U 0.809	0.810	0.808	0.810	0.810
P5Q3V 0.804	0.805	0.803	0.805	0.805
P5Q3AJ 0.810	0.811	0.809	0.811	0.811
P5Q3BC 0.807	0.808	0.806	0.808	0.808
P5Q3BN 0.811	0.811	0.810	0.812	0.811
P5Q3CF 0.810	0.811	0.809	0.811	0.811
P5Q3CG 0.810	0.811	0.809	0.811	0.811
P5Q3CH 0.806	0.807	0.805	0.807	0.807
P5Q3CI 0.810	0.810	0.808	0.811	0.810
P5Q3CN 0.811	0.811	0.810	0.812	0.811
P5Q3C0 0.811	0.811	0.810	0.812	0.811
P5Q3CQ 0.811	0.811	0.810	0.812	0.811
P5Q3CW 0.811	0.812	0.810	0.812	0.812

	Covariance Coverage			
K6D2G_R	K6F68_R	K6F74_R	K6D2B_R	K6D2F_R
K6F68_R	0.915			
K6F74_R	0.915	0.915		
K6D2B_R	0.914	0.914	0.918	

K6D2F_R	0.914	0.915	0.918	0.918
K6D2G_R	0.915	0.915	0.918	0.918
0.918				
K6D2I_R	0.913	0.914	0.917	0.917
0.917				
K6D2K_R	0.914	0.914	0.917	0.917
0.918				
K6D2L_R	0.915	0.915	0.918	0.918
0.918				
K6D2M_R	0.915	0.915	0.918	0.918
0.918				
K6D2O_R	0.914	0.914	0.917	0.917
0.918				
K6D2S_R	0.915	0.915	0.918	0.918
0.918				
K6D2V_R	0.915	0.915	0.918	0.918
0.918				
K6D2W_R	0.914	0.914	0.917	0.918
0.918				
K6D2Y_R	0.914	0.914	0.917	0.918
0.918				
K6D2AA_R	0.915	0.915	0.918	0.918
0.918				
K6D2AE_R	0.912	0.913	0.916	0.916
0.916				
K6D2AF_R	0.914	0.915	0.918	0.918
0.918				
K6D2AH_R	0.903	0.903	0.906	0.906
0.907				
P5Q3M	0.808	0.809	0.811	0.811
0.811				
P5Q3AB	0.808	0.808	0.810	0.811
0.811				
P5Q3AD	0.808	0.808	0.810	0.810
0.811				
P5Q3AF	0.809	0.809	0.811	0.811
0.812				
P5Q3AH	0.810	0.810	0.812	0.812
0.813				
P5Q3AR	0.810	0.810	0.812	0.812
0.812				
P5Q3AV	0.810	0.810	0.812	0.812
0.813				
P5Q3AX	0.810	0.810	0.812	0.813
0.813				
P5Q3BQ	0.809	0.809	0.811	0.811
0.812				
P5Q3CK	0.810	0.811	0.813	0.813
0.813				
P5Q3DB	0.799	0.799	0.801	0.802

0.802				
P5Q3E	0.805	0.805	0.807	0.808
0.808				
P5Q3A0	0.809	0.809	0.811	0.812
0.812				
P5Q3BK	0.808	0.809	0.811	0.811
0.811				
P5Q3B0	0.811	0.811	0.813	0.813
0.814				
P5Q3CU	0.810	0.810	0.812	0.812
0.813				
P5Q3DA	0.807	0.807	0.810	0.810
0.810				
P5Q3AS	0.810	0.810	0.812	0.812
0.812				
P5Q3AU	0.808	0.808	0.811	0.811
0.811				
P5Q3AZ	0.810	0.810	0.812	0.812
0.812				
P5Q3BB1	0.808	0.808	0.810	0.810
0.811				
P5Q3BB2	0.807	0.807	0.809	0.809
0.810				
P5Q3BB5	0.805	0.805	0.807	0.808
0.808				
P5Q3BB6	0.809	0.809	0.811	0.811
0.812				
P5Q3BB7	0.800	0.800	0.802	0.802
0.803				
P5Q3X	0.808	0.808	0.810	0.811
0.811				
P5Q3AA	0.809	0.809	0.811	0.812
0.812				
P5Q3AL	0.810	0.810	0.812	0.812
0.812				
P5Q3AP	0.810	0.810	0.812	0.813
0.813				
P5Q3BI	0.809	0.810	0.812	0.812
0.812				
P5Q3BZ	0.811	0.811	0.813	0.814
0.814				
P5Q3CJ	0.810	0.810	0.812	0.812
0.812				
P5Q3C	0.803	0.803	0.805	0.805
0.806				
P5Q30	0.808	0.808	0.811	0.811
0.811				
P5Q3R	0.810	0.810	0.812	0.812
0.812				
P5Q3S	0.810	0.810	0.812	0.812

0.812				
P5Q3T	0.809	0.810	0.812	0.812
0.812				
P5Q3U	0.809	0.809	0.811	0.812
0.812				
P5Q3V	0.804	0.804	0.806	0.806
0.806				
P5Q3AJ	0.810	0.810	0.812	0.812
0.813				
P5Q3BC	0.807	0.807	0.809	0.810
0.810				
P5Q3BN	0.810	0.811	0.813	0.813
0.813				
P5Q3CF	0.810	0.810	0.812	0.812
0.813				
P5Q3CG	0.810	0.810	0.812	0.812
0.812				
P5Q3CH	0.806	0.806	0.808	0.808
0.809				
P5Q3CI	0.809	0.810	0.812	0.812
0.812				
P5Q3CN	0.810	0.811	0.813	0.813
0.813				
P5Q3C0	0.810	0.811	0.813	0.813
0.813				
P5Q3CQ	0.810	0.811	0.813	0.813
0.813				
P5Q3CW	0.811	0.811	0.813	0.813
0.814				

	Covariance Coverage			
	K6D2I_R	K6D2K_R	K6D2L_R	K6D2M_R
K6D20_R				
K6D2I_R	0.917			
K6D2K_R	0.916	0.918		
K6D2L_R	0.917	0.918	0.918	
K6D2M_R	0.917	0.918	0.918	0.918
K6D20_R	0.916	0.917	0.918	0.918
0.918				
K6D2S_R	0.917	0.918	0.918	0.918
0.918				
K6D2V_R	0.917	0.918	0.918	0.918
0.918				
K6D2W_R	0.917	0.917	0.918	0.918
0.917				
K6D2Y_R	0.917	0.917	0.918	0.918
0.917				

K6D2AA_R 0.918	0.917	0.918	0.918	0.918
K6D2AE_R 0.915	0.915	0.916	0.916	0.916
K6D2AF_R 0.917	0.917	0.917	0.918	0.918
K6D2AH_R 0.906	0.905	0.906	0.907	0.907
P5Q3M 0.811	0.810	0.811	0.811	0.811
P5Q3AB 0.810	0.810	0.810	0.811	0.811
P5Q3AD 0.810	0.810	0.810	0.811	0.811
P5Q3AF 0.811	0.811	0.811	0.812	0.812
P5Q3AH 0.812	0.812	0.812	0.813	0.813
P5Q3AR 0.812	0.811	0.812	0.812	0.812
P5Q3AV 0.812	0.812	0.812	0.813	0.813
P5Q3AX 0.812	0.812	0.812	0.813	0.813
P5Q3BQ 0.811	0.811	0.811	0.812	0.812
P5Q3CK 0.813	0.812	0.812	0.813	0.813
P5Q3DB 0.801	0.801	0.801	0.802	0.802
P5Q3E 0.807	0.807	0.807	0.808	0.808
P5Q3A0 0.811	0.811	0.811	0.812	0.812
P5Q3BK 0.811	0.810	0.811	0.811	0.811
P5Q3B0 0.813	0.812	0.813	0.814	0.814
P5Q3CU 0.812	0.812	0.812	0.813	0.813
P5Q3DA 0.810	0.809	0.809	0.810	0.810
P5Q3AS 0.812	0.811	0.812	0.812	0.812
P5Q3AU 0.811	0.810	0.810	0.811	0.811
P5Q3AZ 0.812	0.811	0.812	0.812	0.812
P5Q3BB1 0.810	0.810	0.810	0.811	0.811

P5Q3BB2	0.808	0.809	0.810	0.810
0.809				
P5Q3BB5	0.807	0.807	0.808	0.808
0.807				
P5Q3BB6	0.811	0.811	0.812	0.812
0.811				
P5Q3BB7	0.801	0.802	0.803	0.803
0.802				
P5Q3X	0.810	0.810	0.811	0.811
0.810				
P5Q3AA	0.811	0.811	0.812	0.812
0.811				
P5Q3AL	0.811	0.812	0.812	0.812
0.812				
P5Q3AP	0.812	0.812	0.813	0.813
0.812				
P5Q3BI	0.811	0.811	0.812	0.812
0.812				
P5Q3BZ	0.813	0.813	0.814	0.814
0.813				
P5Q3CJ	0.811	0.812	0.812	0.812
0.812				
P5Q3C	0.805	0.805	0.806	0.806
0.805				
P5Q30	0.810	0.810	0.811	0.811
0.811				
P5Q3R	0.811	0.812	0.812	0.812
0.812				
P5Q3S	0.811	0.812	0.812	0.812
0.812				
P5Q3T	0.811	0.811	0.812	0.812
0.812				
P5Q3U	0.811	0.811	0.812	0.812
0.811				
P5Q3V	0.805	0.805	0.806	0.806
0.806				
P5Q3AJ	0.812	0.812	0.813	0.813
0.812				
P5Q3BC	0.809	0.809	0.810	0.810
0.809				
P5Q3BN	0.812	0.812	0.813	0.813
0.813				
P5Q3CF	0.812	0.812	0.813	0.813
0.812				
P5Q3CG	0.811	0.812	0.812	0.812
0.812				
P5Q3CH	0.808	0.808	0.809	0.809
0.808				
P5Q3CI	0.811	0.811	0.812	0.812
0.812				

P5Q3CN 0.813	0.812	0.812	0.813	0.813
P5Q3C0 0.813	0.812	0.812	0.813	0.813
P5Q3CQ 0.813	0.812	0.812	0.813	0.813
P5Q3CW 0.813	0.812	0.813	0.814	0.814

	Covariance K6D2S_R	Coverage K6D2V_R	K6D2W_R	K6D2Y_R
K6D2AA_R				
K6D2S_R	0.918			
K6D2V_R	0.918	0.918		
K6D2W_R	0.918	0.918	0.918	
K6D2Y_R	0.918	0.918	0.917	0.918
K6D2AA_R 0.918	0.918	0.918	0.918	0.918
K6D2AE_R 0.916	0.916	0.916	0.916	0.916
K6D2AF_R 0.918	0.918	0.918	0.918	0.918
K6D2AH_R 0.907	0.907	0.907	0.906	0.906
P5Q3M 0.811	0.811	0.811	0.811	0.811
P5Q3AB 0.811	0.811	0.811	0.810	0.811
P5Q3AD 0.811	0.811	0.811	0.810	0.810
P5Q3AF 0.812	0.812	0.812	0.811	0.811
P5Q3AH 0.813	0.813	0.813	0.812	0.812
P5Q3AR 0.812	0.812	0.812	0.812	0.812
P5Q3AV 0.813	0.813	0.813	0.812	0.812
P5Q3AX 0.813	0.813	0.813	0.812	0.813
P5Q3BQ 0.812	0.812	0.812	0.811	0.811
P5Q3CK 0.813	0.813	0.813	0.813	0.813
P5Q3DB 0.802	0.802	0.802	0.801	0.802
P5Q3E	0.808	0.808	0.807	0.808

0.808				
P5Q3A0	0.812	0.812	0.811	0.812
0.812				
P5Q3BK	0.811	0.811	0.811	0.811
0.811				
P5Q3B0	0.814	0.814	0.813	0.813
0.814				
P5Q3CU	0.813	0.813	0.812	0.812
0.813				
P5Q3DA	0.810	0.810	0.810	0.810
0.810				
P5Q3AS	0.812	0.812	0.812	0.812
0.812				
P5Q3AU	0.811	0.811	0.811	0.811
0.811				
P5Q3AZ	0.812	0.812	0.812	0.812
0.812				
P5Q3BB1	0.811	0.811	0.810	0.810
0.811				
P5Q3BB2	0.810	0.810	0.809	0.809
0.810				
P5Q3BB5	0.808	0.808	0.807	0.808
0.808				
P5Q3BB6	0.812	0.812	0.811	0.811
0.812				
P5Q3BB7	0.803	0.803	0.802	0.802
0.803				
P5Q3X	0.811	0.811	0.810	0.811
0.811				
P5Q3AA	0.812	0.812	0.811	0.812
0.812				
P5Q3AL	0.812	0.812	0.812	0.812
0.812				
P5Q3AP	0.813	0.813	0.812	0.813
0.813				
P5Q3BI	0.812	0.812	0.812	0.812
0.812				
P5Q3BZ	0.814	0.814	0.813	0.814
0.814				
P5Q3CJ	0.812	0.812	0.812	0.812
0.812				
P5Q3C	0.806	0.806	0.805	0.805
0.806				
P5Q30	0.811	0.811	0.811	0.811
0.811				
P5Q3R	0.812	0.812	0.812	0.812
0.812				
P5Q3S	0.812	0.812	0.812	0.812
0.812				
P5Q3T	0.812	0.812	0.812	0.812

0.812				
P5Q3U	0.812	0.812	0.811	0.812
0.812				
P5Q3V	0.806	0.806	0.806	0.806
0.806				
P5Q3AJ	0.813	0.813	0.812	0.812
0.813				
P5Q3BC	0.810	0.810	0.809	0.810
0.810				
P5Q3BN	0.813	0.813	0.813	0.813
0.813				
P5Q3CF	0.813	0.813	0.812	0.812
0.813				
P5Q3CG	0.812	0.812	0.812	0.812
0.812				
P5Q3CH	0.809	0.809	0.808	0.808
0.809				
P5Q3CI	0.812	0.812	0.812	0.812
0.812				
P5Q3CN	0.813	0.813	0.813	0.813
0.813				
P5Q3C0	0.813	0.813	0.813	0.813
0.813				
P5Q3CQ	0.813	0.813	0.813	0.813
0.813				
P5Q3CW	0.814	0.814	0.813	0.813
0.814				

	Covariance Coverage			
	K6D2AE_R	K6D2AF_R	K6D2AH_R	P5Q3M
P5Q3AB				
K6D2AE_R	0.916			
K6D2AF_R	0.916	0.918		
K6D2AH_R	0.905	0.906	0.907	
P5Q3M	0.810	0.811	0.800	0.893
P5Q3AB	0.809	0.811	0.800	0.888
0.891				
P5Q3AD	0.809	0.811	0.800	0.888
0.888				
P5Q3AF	0.810	0.812	0.801	0.890
0.889				
P5Q3AH	0.811	0.813	0.802	0.890
0.890				
P5Q3AR	0.811	0.812	0.801	0.890
0.890				
P5Q3AV	0.811	0.813	0.802	0.890
0.890				

P5Q3AX 0.890	0.811	0.813	0.802	0.890
P5Q3BQ 0.888	0.810	0.812	0.801	0.889
P5Q3CK 0.890	0.811	0.813	0.802	0.891
P5Q3DB 0.877	0.800	0.802	0.791	0.879
P5Q3E 0.884	0.806	0.808	0.797	0.887
P5Q3A0 0.890	0.810	0.812	0.801	0.889
P5Q3BK 0.887	0.810	0.811	0.800	0.888
P5Q3B0 0.890	0.812	0.814	0.803	0.890
P5Q3CU 0.889	0.811	0.813	0.802	0.890
P5Q3DA 0.886	0.808	0.810	0.799	0.888
P5Q3AS 0.890	0.811	0.812	0.801	0.890
P5Q3AU 0.888	0.809	0.811	0.800	0.888
P5Q3AZ 0.890	0.811	0.812	0.801	0.890
P5Q3BB1 0.887	0.809	0.811	0.800	0.888
P5Q3BB2 0.886	0.808	0.810	0.798	0.887
P5Q3BB5 0.885	0.806	0.808	0.797	0.885
P5Q3BB6 0.887	0.810	0.812	0.801	0.888
P5Q3BB7 0.879	0.801	0.803	0.792	0.879
P5Q3X 0.888	0.809	0.811	0.800	0.888
P5Q3AA 0.890	0.810	0.812	0.801	0.889
P5Q3AL 0.890	0.811	0.812	0.801	0.890
P5Q3AP 0.890	0.811	0.813	0.802	0.890
P5Q3BI 0.889	0.810	0.812	0.801	0.890
P5Q3BZ 0.890	0.812	0.814	0.803	0.891
P5Q3CJ 0.889	0.811	0.812	0.801	0.889

P5Q3C 0.882	0.804	0.806	0.795	0.885
P5Q30 0.887	0.809	0.811	0.800	0.891
P5Q3R 0.889	0.811	0.812	0.801	0.892
P5Q3S 0.889	0.811	0.812	0.801	0.892
P5Q3T 0.890	0.810	0.812	0.801	0.890
P5Q3U 0.889	0.810	0.812	0.801	0.889
P5Q3V 0.882	0.804	0.806	0.796	0.882
P5Q3AJ 0.891	0.811	0.813	0.802	0.890
P5Q3BC 0.886	0.808	0.810	0.799	0.887
P5Q3BN 0.890	0.811	0.813	0.802	0.891
P5Q3CF 0.889	0.811	0.813	0.802	0.890
P5Q3CG 0.889	0.811	0.812	0.801	0.890
P5Q3CH 0.884	0.807	0.809	0.798	0.886
P5Q3CI 0.888	0.810	0.812	0.801	0.889
P5Q3CN 0.890	0.811	0.813	0.803	0.891
P5Q3CO 0.890	0.811	0.813	0.803	0.891
P5Q3CQ 0.890	0.811	0.813	0.803	0.890
P5Q3CW 0.890	0.812	0.814	0.803	0.891

	Covariance Coverage			
	P5Q3AD	P5Q3AF	P5Q3AH	P5Q3AR
P5Q3AV				
P5Q3AD	0.892			
P5Q3AF	0.890	0.893		
P5Q3AH	0.890	0.892	0.893	
P5Q3AR	0.890	0.891	0.892	0.894
P5Q3AV	0.890	0.891	0.892	0.893
0.894				
P5Q3AX	0.891	0.892	0.893	0.893

0.893				
P5Q3BQ	0.888	0.889	0.890	0.890
0.890				
P5Q3CK	0.890	0.891	0.892	0.893
0.893				
P5Q3DB	0.878	0.879	0.880	0.880
0.880				
P5Q3E	0.884	0.886	0.886	0.886
0.886				
P5Q3A0	0.890	0.891	0.892	0.892
0.892				
P5Q3BK	0.888	0.889	0.889	0.890
0.890				
P5Q3B0	0.890	0.891	0.892	0.892
0.892				
P5Q3CU	0.890	0.891	0.892	0.892
0.892				
P5Q3DA	0.887	0.888	0.889	0.889
0.889				
P5Q3AS	0.890	0.891	0.891	0.892
0.892				
P5Q3AU	0.888	0.889	0.890	0.891
0.891				
P5Q3AZ	0.890	0.891	0.892	0.893
0.893				
P5Q3BB1	0.888	0.889	0.890	0.890
0.890				
P5Q3BB2	0.887	0.888	0.888	0.889
0.889				
P5Q3BB5	0.886	0.886	0.887	0.888
0.888				
P5Q3BB6	0.888	0.889	0.890	0.890
0.890				
P5Q3BB7	0.880	0.880	0.881	0.882
0.882				
P5Q3X	0.889	0.890	0.890	0.890
0.890				
P5Q3AA	0.890	0.891	0.891	0.891
0.891				
P5Q3AL	0.890	0.891	0.892	0.892
0.892				
P5Q3AP	0.891	0.891	0.892	0.892
0.892				
P5Q3BI	0.889	0.890	0.891	0.891
0.891				
P5Q3BZ	0.891	0.892	0.893	0.893
0.893				
P5Q3CJ	0.889	0.890	0.891	0.891
0.891				
P5Q3C	0.883	0.883	0.884	0.884

0.884				
P5Q30	0.888	0.889	0.890	0.890
0.890				
P5Q3R	0.889	0.890	0.891	0.891
0.891				
P5Q3S	0.889	0.891	0.891	0.891
0.891				
P5Q3T	0.890	0.891	0.892	0.892
0.892				
P5Q3U	0.890	0.891	0.891	0.892
0.892				
P5Q3V	0.883	0.884	0.884	0.884
0.884				
P5Q3AJ	0.891	0.892	0.893	0.893
0.893				
P5Q3BC	0.887	0.888	0.889	0.889
0.889				
P5Q3BN	0.890	0.892	0.892	0.893
0.893				
P5Q3CF	0.889	0.890	0.891	0.891
0.892				
P5Q3CG	0.890	0.891	0.891	0.892
0.892				
P5Q3CH	0.885	0.886	0.887	0.887
0.887				
P5Q3CI	0.889	0.890	0.890	0.891
0.891				
P5Q3CN	0.890	0.891	0.892	0.893
0.893				
P5Q3C0	0.890	0.891	0.892	0.893
0.893				
P5Q3CQ	0.890	0.891	0.892	0.892
0.893				
P5Q3CW	0.891	0.892	0.892	0.893
0.893				

	Covariance Coverage			
	P5Q3AX	P5Q3BQ	P5Q3CK	P5Q3DB
P5Q3E				
P5Q3AX	0.894			
P5Q3BQ	0.891	0.892		
P5Q3CK	0.893	0.891	0.894	
P5Q3DB	0.880	0.879	0.880	0.882
P5Q3E	0.887	0.885	0.887	0.875
0.889				
P5Q3A0	0.893	0.890	0.892	0.879
0.886				

P5Q3BK 0.884	0.890	0.889	0.891	0.878
P5Q3B0 0.887	0.893	0.891	0.893	0.880
P5Q3CU 0.887	0.893	0.890	0.893	0.880
P5Q3DA 0.884	0.889	0.887	0.889	0.878
P5Q3AS 0.886	0.892	0.890	0.892	0.879
P5Q3AU 0.884	0.891	0.888	0.890	0.878
P5Q3AZ 0.886	0.893	0.890	0.892	0.879
P5Q3BB1 0.884	0.890	0.888	0.890	0.877
P5Q3BB2 0.883	0.889	0.886	0.889	0.876
P5Q3BB5 0.882	0.888	0.885	0.887	0.875
P5Q3BB6 0.884	0.890	0.888	0.890	0.877
P5Q3BB7 0.875	0.882	0.879	0.881	0.868
P5Q3X 0.884	0.890	0.888	0.890	0.877
P5Q3AA 0.885	0.892	0.889	0.891	0.879
P5Q3AL 0.886	0.893	0.890	0.892	0.879
P5Q3AP 0.886	0.893	0.890	0.892	0.880
P5Q3BI 0.886	0.891	0.890	0.892	0.879
P5Q3BZ 0.887	0.893	0.892	0.894	0.881
P5Q3CJ 0.886	0.891	0.889	0.892	0.880
P5Q3C 0.881	0.885	0.883	0.885	0.873
P5Q30 0.887	0.890	0.889	0.890	0.878
P5Q3R 0.888	0.891	0.890	0.891	0.879
P5Q3S 0.889	0.892	0.890	0.892	0.880
P5Q3T 0.886	0.892	0.889	0.891	0.879
P5Q3U 0.886	0.892	0.889	0.891	0.879

P5Q3V 0.879	0.884	0.882	0.884	0.871
P5Q3AJ 0.887	0.893	0.890	0.893	0.880
P5Q3BC 0.883	0.890	0.887	0.889	0.876
P5Q3BN 0.887	0.893	0.891	0.893	0.880
P5Q3CF 0.886	0.891	0.890	0.892	0.879
P5Q3CG 0.886	0.892	0.890	0.893	0.880
P5Q3CH 0.882	0.887	0.886	0.888	0.876
P5Q3CI 0.885	0.891	0.889	0.891	0.879
P5Q3CN 0.887	0.893	0.891	0.894	0.880
P5Q3C0 0.887	0.893	0.891	0.893	0.880
P5Q3CQ 0.887	0.893	0.891	0.893	0.880
P5Q3CW 0.887	0.893	0.891	0.894	0.881

	Covariance Coverage			
	P5Q3A0	P5Q3BK	P5Q3B0	P5Q3CU
P5Q3DA				
P5Q3A0	0.893			
P5Q3BK	0.889	0.892		
P5Q3B0	0.891	0.891	0.894	
P5Q3CU	0.891	0.890	0.892	0.894
P5Q3DA	0.888	0.887	0.889	0.889
0.891				
P5Q3AS	0.891	0.889	0.891	0.891
0.888				
P5Q3AU	0.890	0.888	0.890	0.890
0.887				
P5Q3AZ	0.891	0.889	0.892	0.892
0.889				
P5Q3BB1	0.889	0.887	0.890	0.890
0.887				
P5Q3BB2	0.888	0.886	0.888	0.888
0.885				
P5Q3BB5	0.887	0.884	0.887	0.887
0.884				
P5Q3BB6	0.890	0.887	0.890	0.890

0.887				
P5Q3BB7	0.880	0.878	0.881	0.881
0.878				
P5Q3X	0.890	0.887	0.890	0.889
0.886				
P5Q3AA	0.891	0.889	0.891	0.891
0.888				
P5Q3AL	0.892	0.889	0.892	0.891
0.888				
P5Q3AP	0.892	0.890	0.892	0.892
0.889				
P5Q3BI	0.890	0.890	0.892	0.891
0.888				
P5Q3BZ	0.892	0.891	0.894	0.893
0.890				
P5Q3CJ	0.890	0.889	0.891	0.891
0.888				
P5Q3C	0.884	0.883	0.885	0.884
0.882				
P5Q30	0.889	0.888	0.890	0.890
0.887				
P5Q3R	0.890	0.889	0.891	0.891
0.889				
P5Q3S	0.891	0.889	0.892	0.892
0.889				
P5Q3T	0.891	0.889	0.891	0.891
0.888				
P5Q3U	0.891	0.889	0.891	0.891
0.888				
P5Q3V	0.884	0.881	0.884	0.884
0.881				
P5Q3AJ	0.893	0.890	0.892	0.892
0.889				
P5Q3BC	0.889	0.886	0.889	0.889
0.886				
P5Q3BN	0.892	0.890	0.893	0.893
0.890				
P5Q3CF	0.890	0.889	0.891	0.892
0.889				
P5Q3CG	0.891	0.890	0.892	0.893
0.889				
P5Q3CH	0.887	0.885	0.887	0.888
0.884				
P5Q3CI	0.890	0.889	0.891	0.891
0.888				
P5Q3CN	0.892	0.891	0.893	0.893
0.890				
P5Q3C0	0.892	0.891	0.893	0.893
0.890				
P5Q3CQ	0.892	0.890	0.893	0.893

0.889				
P5Q3CW	0.892	0.891	0.893	0.894
0.890				

	Covariance Coverage			
	P5Q3AS	P5Q3AU	P5Q3AZ	P5Q3BB1
P5Q3BB2				
P5Q3AS	0.893			
P5Q3AU	0.891	0.892		
P5Q3AZ	0.892	0.891	0.894	
P5Q3BB1	0.890	0.888	0.890	0.892
P5Q3BB2	0.888	0.887	0.889	0.889
0.890				
P5Q3BB5	0.887	0.886	0.887	0.886
0.886				
P5Q3BB6	0.890	0.889	0.890	0.890
0.888				
P5Q3BB7	0.881	0.879	0.881	0.881
0.880				
P5Q3X	0.889	0.888	0.890	0.887
0.886				
P5Q3AA	0.891	0.889	0.891	0.889
0.887				
P5Q3AL	0.891	0.890	0.892	0.890
0.888				
P5Q3AP	0.892	0.890	0.892	0.890
0.888				
P5Q3BI	0.891	0.889	0.891	0.889
0.887				
P5Q3BZ	0.892	0.891	0.893	0.890
0.889				
P5Q3CJ	0.890	0.889	0.890	0.888
0.887				
P5Q3C	0.884	0.882	0.884	0.882
0.880				
P5Q30	0.889	0.888	0.890	0.887
0.886				
P5Q3R	0.890	0.889	0.891	0.889
0.887				
P5Q3S	0.891	0.889	0.891	0.889
0.888				
P5Q3T	0.891	0.890	0.891	0.889
0.888				
P5Q3U	0.891	0.890	0.891	0.889
0.888				
P5Q3V	0.884	0.882	0.884	0.882
0.880				

P5Q3AJ 0.889	0.893	0.891	0.893	0.890
P5Q3BC 0.886	0.889	0.887	0.889	0.887
P5Q3BN 0.889	0.892	0.891	0.893	0.891
P5Q3CF 0.887	0.890	0.890	0.891	0.889
P5Q3CG 0.888	0.891	0.890	0.892	0.890
P5Q3CH 0.883	0.887	0.886	0.887	0.884
P5Q3CI 0.887	0.890	0.889	0.890	0.888
P5Q3CN 0.888	0.892	0.891	0.892	0.890
P5Q3CO 0.889	0.892	0.891	0.892	0.890
P5Q3CQ 0.888	0.891	0.890	0.892	0.890
P5Q3CW 0.889	0.892	0.891	0.893	0.891

	Covariance P5Q3BB5	Coverage P5Q3BB6	P5Q3BB7	P5Q3X
P5Q3AA				
P5Q3BB5	0.889			
P5Q3BB6	0.887	0.892		
P5Q3BB7	0.878	0.882	0.883	
P5Q3X	0.885	0.887	0.879	0.891
P5Q3AA	0.886	0.889	0.880	0.889
0.893				
P5Q3AL	0.887	0.890	0.881	0.890
0.891				
P5Q3AP	0.887	0.890	0.881	0.890
0.892				
P5Q3BI	0.886	0.889	0.880	0.889
0.890				
P5Q3BZ	0.888	0.890	0.882	0.890
0.892				
P5Q3CJ	0.886	0.888	0.879	0.889
0.890				
P5Q3C	0.880	0.882	0.873	0.882
0.883				
P5Q3O	0.885	0.887	0.879	0.888
0.889				
P5Q3R	0.886	0.889	0.880	0.889

0.890				
P5Q3S	0.886	0.889	0.880	0.889
0.890				
P5Q3T	0.887	0.889	0.881	0.890
0.891				
P5Q3U	0.887	0.889	0.881	0.889
0.891				
P5Q3V	0.879	0.882	0.873	0.882
0.883				
P5Q3AJ	0.888	0.891	0.882	0.890
0.892				
P5Q3BC	0.885	0.887	0.879	0.887
0.888				
P5Q3BN	0.888	0.890	0.882	0.890
0.891				
P5Q3CF	0.886	0.889	0.880	0.889
0.890				
P5Q3CG	0.887	0.890	0.881	0.889
0.891				
P5Q3CH	0.882	0.884	0.876	0.884
0.886				
P5Q3CI	0.885	0.888	0.879	0.888
0.889				
P5Q3CN	0.887	0.890	0.881	0.890
0.891				
P5Q3C0	0.887	0.890	0.881	0.890
0.891				
P5Q3CQ	0.887	0.890	0.881	0.890
0.891				
P5Q3CW	0.888	0.891	0.882	0.890
0.892				

	Covariance Coverage			
	P5Q3AL	P5Q3AP	P5Q3BI	P5Q3BZ
P5Q3CJ				
<hr/>				
P5Q3AL	0.893			
P5Q3AP	0.892	0.894		
P5Q3BI	0.891	0.891	0.893	
P5Q3BZ	0.893	0.893	0.893	0.895
P5Q3CJ	0.890	0.891	0.890	0.892
0.893				
P5Q3C	0.884	0.884	0.884	0.886
0.883				
P5Q30	0.890	0.890	0.889	0.891
0.889				
P5Q3R	0.890	0.891	0.890	0.892
0.890				

P5Q3S 0.891	0.891	0.891	0.891	0.893
P5Q3T 0.890	0.891	0.892	0.891	0.892
P5Q3U 0.890	0.891	0.892	0.890	0.892
P5Q3V 0.883	0.884	0.884	0.883	0.884
P5Q3AJ 0.891	0.893	0.893	0.891	0.893
P5Q3BC 0.887	0.889	0.889	0.888	0.889
P5Q3BN 0.891	0.892	0.892	0.892	0.894
P5Q3CF 0.891	0.891	0.891	0.890	0.892
P5Q3CG 0.891	0.891	0.891	0.891	0.893
P5Q3CH 0.887	0.886	0.887	0.886	0.888
P5Q3CI 0.891	0.890	0.890	0.890	0.891
P5Q3CN 0.892	0.892	0.892	0.892	0.894
P5Q3C0 0.892	0.892	0.892	0.892	0.893
P5Q3CQ 0.892	0.892	0.892	0.892	0.893
P5Q3CW 0.892	0.892	0.893	0.892	0.894

	Covariance Coverage			
	P5Q3C	P5Q30	P5Q3R	P5Q3S
P5Q3T				
P5Q3C	0.887			
P5Q30	0.885	0.892		
P5Q3R	0.886	0.891	0.893	
P5Q3S	0.886	0.892	0.893	0.894
P5Q3T	0.884	0.889	0.891	0.891
0.893				
P5Q3U	0.883	0.889	0.890	0.891
0.891				
P5Q3V	0.876	0.882	0.883	0.883
0.884				
P5Q3AJ	0.884	0.890	0.891	0.892
0.892				
P5Q3BC	0.882	0.886	0.888	0.888

0.888				
P5Q3BN	0.885	0.891	0.892	0.893
0.892				
P5Q3CF	0.884	0.890	0.891	0.891
0.890				
P5Q3CG	0.884	0.890	0.891	0.891
0.891				
P5Q3CH	0.880	0.885	0.886	0.887
0.886				
P5Q3CI	0.883	0.889	0.890	0.890
0.890				
P5Q3CN	0.885	0.890	0.891	0.892
0.891				
P5Q3C0	0.885	0.890	0.892	0.892
0.891				
P5Q3CQ	0.885	0.890	0.891	0.892
0.891				
P5Q3CW	0.886	0.891	0.892	0.893
0.892				

	Covariance Coverage			
	P5Q3U	P5Q3V	P5Q3AJ	P5Q3BC
P5Q3BN				
P5Q3U	0.893			
P5Q3V	0.884	0.886		
P5Q3AJ	0.892	0.885	0.894	
P5Q3BC	0.888	0.881	0.890	0.891
P5Q3BN	0.892	0.884	0.893	0.889
0.895				
P5Q3CF	0.890	0.883	0.891	0.888
0.892				
P5Q3CG	0.891	0.883	0.892	0.889
0.893				
P5Q3CH	0.886	0.879	0.887	0.883
0.887				
P5Q3CI	0.890	0.883	0.891	0.887
0.891				
P5Q3CN	0.891	0.884	0.893	0.889
0.893				
P5Q3C0	0.891	0.884	0.893	0.889
0.893				
P5Q3CQ	0.891	0.884	0.892	0.889
0.893				
P5Q3CW	0.892	0.884	0.893	0.890
0.894				

P5Q3CN	Covariance Coverage			
	P5Q3CF	P5Q3CG	P5Q3CH	P5Q3CI
P5Q3CF	0.893			
P5Q3CG	0.892	0.894		
P5Q3CH	0.887	0.888	0.889	
P5Q3CI	0.891	0.891	0.887	0.893
P5Q3CN	0.892	0.893	0.888	0.891
0.894				
P5Q3C0	0.892	0.893	0.888	0.891
0.894				
P5Q3CQ	0.892	0.893	0.888	0.891
0.894				
P5Q3CW	0.893	0.894	0.889	0.892
0.894				

	Covariance Coverage		
	P5Q3C0	P5Q3CQ	P5Q3CW
P5Q3C0	0.895		
P5Q3CQ	0.893	0.894	
P5Q3CW	0.894	0.894	0.895

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

K6D2AG_R		
Category 1	0.555	1896.000
Category 2	0.192	656.000
Category 3	0.202	690.000
Category 4	0.051	173.000
K6D2AI_R		
Category 1	0.575	1960.000
Category 2	0.191	651.000
Category 3	0.162	551.000
Category 4	0.073	249.000
K6D2D_R		
Category 1	0.593	2019.000
Category 2	0.186	632.000
Category 3	0.165	560.000
Category 4	0.056	191.000
K6D2J_R		
Category 1	0.314	1057.000
Category 2	0.270	910.000
Category 3	0.332	1118.000
Category 4	0.084	282.000
K6D2T_R		

Category 1	0.645	2205.000
Category 2	0.144	493.000
Category 3	0.153	524.000
Category 4	0.057	194.000
K6D2AC_R		
Category 1	0.690	2357.000
Category 2	0.134	456.000
Category 3	0.138	472.000
Category 4	0.038	129.000
K6D2AK_R		
Category 1	0.495	1689.000
Category 2	0.202	691.000
Category 3	0.219	746.000
Category 4	0.084	287.000
K6D2C_R		
Category 1	0.394	1330.000
Category 2	0.187	633.000
Category 3	0.304	1026.000
Category 4	0.115	388.000
K6D2N_R		
Category 1	0.586	1999.000
Category 2	0.199	678.000
Category 3	0.174	592.000
Category 4	0.042	143.000
K6D2X_R		
Category 1	0.844	2880.000
Category 2	0.078	267.000
Category 3	0.062	211.000
Category 4	0.016	55.000
K6D2A_R		
Category 1	0.177	605.000
Category 2	0.189	644.000
Category 3	0.456	1559.000
Category 4	0.178	608.000
K6D2P_R		
Category 1	0.259	886.000
Category 2	0.221	754.000
Category 3	0.372	1270.000
Category 4	0.148	505.000
K6D2R_R		
Category 1	0.177	605.000
Category 2	0.241	823.000
Category 3	0.437	1491.000
Category 4	0.144	493.000
K6D2Z_R		
Category 1	0.192	655.000
Category 2	0.206	704.000
Category 3	0.447	1524.000
Category 4	0.155	530.000
K6D2AB_R		

Category 1	0.208	712.000
Category 2	0.222	759.000
Category 3	0.369	1261.000
Category 4	0.200	683.000
K6D2AJ_R		
Category 1	0.409	1396.000
Category 2	0.200	682.000
Category 3	0.269	918.000
Category 4	0.123	419.000
K6D61C		
Category 1	0.919	3133.000
Category 2	0.065	223.000
Category 3	0.009	29.000
Category 4	0.007	24.000
K6D61D		
Category 1	0.750	2558.000
Category 2	0.188	640.000
Category 3	0.036	124.000
Category 4	0.026	87.000
K6D61E		
Category 1	0.904	3079.000
Category 2	0.078	265.000
Category 3	0.011	38.000
Category 4	0.007	24.000
K6D61K		
Category 1	0.911	3104.000
Category 2	0.073	249.000
Category 3	0.008	26.000
Category 4	0.008	28.000
K6D61L		
Category 1	0.875	2982.000
Category 2	0.101	343.000
Category 3	0.014	47.000
Category 4	0.011	37.000
K6D61M		
Category 1	0.733	2493.000
Category 2	0.202	687.000
Category 3	0.036	122.000
Category 4	0.029	100.000
K6D40_R		
Category 1	0.947	3228.000
Category 2	0.053	182.000
K6D48_R		
Category 1	0.831	2832.000
Category 2	0.169	577.000
K6F63_R		
Category 1	0.784	2669.000
Category 2	0.216	735.000
K6F68_R		
Category 1	0.984	3351.000

Category 2	0.016	53.000
K6F74_R		
Category 1	0.980	3336.000
Category 2	0.020	69.000
K6D2B_R		
Category 1	0.020	67.000
Category 2	0.029	100.000
Category 3	0.202	690.000
Category 4	0.749	2559.000
K6D2F_R		
Category 1	0.030	103.000
Category 2	0.052	177.000
Category 3	0.361	1234.000
Category 4	0.557	1903.000
K6D2G_R		
Category 1	0.015	50.000
Category 2	0.013	43.000
Category 3	0.151	515.000
Category 4	0.822	2810.000
K6D2I_R		
Category 1	0.028	97.000
Category 2	0.081	276.000
Category 3	0.444	1515.000
Category 4	0.447	1526.000
K6D2K_R		
Category 1	0.021	71.000
Category 2	0.067	230.000
Category 3	0.430	1467.000
Category 4	0.482	1647.000
K6D2L_R		
Category 1	0.006	20.000
Category 2	0.010	34.000
Category 3	0.096	328.000
Category 4	0.888	3036.000
K6D2M_R		
Category 1	0.012	40.000
Category 2	0.044	151.000
Category 3	0.443	1515.000
Category 4	0.501	1712.000
K6D2O_R		
Category 1	0.067	229.000
Category 2	0.052	176.000
Category 3	0.276	943.000
Category 4	0.605	2067.000
K6D2S_R		
Category 1	0.015	51.000
Category 2	0.038	131.000
Category 3	0.289	987.000
Category 4	0.658	2249.000
K6D2V_R		

Category 1	0.009	30.000
Category 2	0.021	71.000
Category 3	0.352	1203.000
Category 4	0.618	2114.000
K6D2W_R		
Category 1	0.017	57.000
Category 2	0.059	200.000
Category 3	0.356	1217.000
Category 4	0.569	1942.000
K6D2Y_R		
Category 1	0.017	57.000
Category 2	0.033	114.000
Category 3	0.201	686.000
Category 4	0.749	2559.000
K6D2AA_R		
Category 1	0.015	52.000
Category 2	0.036	123.000
Category 3	0.283	968.000
Category 4	0.666	2275.000
K6D2AE_R		
Category 1	0.030	104.000
Category 2	0.091	312.000
Category 3	0.499	1702.000
Category 4	0.379	1292.000
K6D2AF_R		
Category 1	0.012	41.000
Category 2	0.015	52.000
Category 3	0.180	616.000
Category 4	0.793	2708.000
K6D2AH_R		
Category 1	0.031	103.000
Category 2	0.039	131.000
Category 3	0.326	1100.000
Category 4	0.605	2040.000
P5Q3M		
Category 1	0.830	2757.000
Category 2	0.147	488.000
Category 3	0.023	77.000
P5Q3AB		
Category 1	0.686	2276.000
Category 2	0.284	943.000
Category 3	0.030	98.000
P5Q3AD		
Category 1	0.858	2848.000
Category 2	0.126	418.000
Category 3	0.016	53.000
P5Q3AF		
Category 1	0.885	2940.000
Category 2	0.105	349.000
Category 3	0.010	34.000

P5Q3AH			
Category 1	0.946		3144.000
Category 2	0.048		160.000
Category 3	0.006		21.000
P5Q3AR			
Category 1	0.903		3004.000
Category 2	0.087		289.000
Category 3	0.011		35.000
P5Q3AV			
Category 1	0.881		2932.000
Category 2	0.107		356.000
Category 3	0.012		40.000
P5Q3AX			
Category 1	0.944		3142.000
Category 2	0.052		172.000
Category 3	0.004		14.000
P5Q3BQ			
Category 1	0.606		2014.000
Category 2	0.362		1202.000
Category 3	0.032		105.000
P5Q3CK			
Category 1	0.979		3260.000
Category 2	0.016		54.000
Category 3	0.005		15.000
P5Q3DB			
Category 1	0.677		2222.000
Category 2	0.291		956.000
Category 3	0.032		104.000
P5Q3E			
Category 1	0.848		2804.000
Category 2	0.126		416.000
Category 3	0.026		87.000
P5Q3A0			
Category 1	0.844		2805.000
Category 2	0.138		460.000
Category 3	0.018		59.000
P5Q3BK			
Category 1	0.886		2941.000
Category 2	0.105		348.000
Category 3	0.009		30.000
P5Q3B0			
Category 1	0.806		2681.000
Category 2	0.180		598.000
Category 3	0.015		49.000
P5Q3CU			
Category 1	0.916		3049.000
Category 2	0.072		241.000
Category 3	0.011		38.000
P5Q3DA			
Category 1	0.909		3016.000

Category 2	0.084	280.000
Category 3	0.006	21.000
P5Q3AS		
Category 1	0.775	2578.000
Category 2	0.217	720.000
Category 3	0.008	27.000
P5Q3AU		
Category 1	0.921	3057.000
Category 2	0.069	229.000
Category 3	0.010	34.000
P5Q3AZ		
Category 1	0.932	3102.000
Category 2	0.059	197.000
Category 3	0.008	28.000
P5Q3BB1		
Category 1	0.907	3009.000
Category 2	0.085	281.000
Category 3	0.009	29.000
P5Q3BB2		
Category 1	0.815	2700.000
Category 2	0.170	562.000
Category 3	0.015	51.000
P5Q3BB5		
Category 1	0.861	2850.000
Category 2	0.114	378.000
Category 3	0.024	81.000
P5Q3BB6		
Category 1	0.873	2898.000
Category 2	0.119	394.000
Category 3	0.008	27.000
P5Q3BB7		
Category 1	0.946	3109.000
Category 2	0.047	155.000
Category 3	0.007	22.000
P5Q3X		
Category 1	0.777	2578.000
Category 2	0.194	643.000
Category 3	0.029	96.000
P5Q3AA		
Category 1	0.561	1863.000
Category 2	0.411	1367.000
Category 3	0.028	93.000
P5Q3AL		
Category 1	0.888	2952.000
Category 2	0.104	346.000
Category 3	0.008	27.000
P5Q3AP		
Category 1	0.702	2335.000
Category 2	0.280	932.000
Category 3	0.018	59.000

P5Q3BI		
Category 1	0.599	1991.000
Category 2	0.345	1148.000
Category 3	0.056	186.000
P5Q3BZ		
Category 1	0.956	3186.000
Category 2	0.035	116.000
Category 3	0.009	29.000
P5Q3CJ		
Category 1	0.934	3104.000
Category 2	0.060	198.000
Category 3	0.006	21.000
P5Q3C		
Category 1	0.507	1673.000
Category 2	0.400	1319.000
Category 3	0.093	308.000
P5Q30		
Category 1	0.868	2882.000
Category 2	0.116	384.000
Category 3	0.016	54.000
P5Q3R		
Category 1	0.602	2000.000
Category 2	0.316	1052.000
Category 3	0.082	273.000
P5Q3S		
Category 1	0.848	2821.000
Category 2	0.126	420.000
Category 3	0.026	85.000
P5Q3T		
Category 1	0.844	2804.000
Category 2	0.140	466.000
Category 3	0.016	54.000
P5Q3U		
Category 1	0.531	1764.000
Category 2	0.440	1462.000
Category 3	0.029	98.000
P5Q3V		
Category 1	0.715	2357.000
Category 2	0.262	863.000
Category 3	0.023	76.000
P5Q3AJ		
Category 1	0.915	3046.000
Category 2	0.073	242.000
Category 3	0.012	40.000
P5Q3BC		
Category 1	0.946	3136.000
Category 2	0.046	153.000
Category 3	0.008	26.000
P5Q3BN		
Category 1	0.821	2735.000

Category 2	0.156	518.000
Category 3	0.023	77.000
P5Q3CF		
Category 1	0.683	2270.000
Category 2	0.288	958.000
Category 3	0.029	97.000
P5Q3CG		
Category 1	0.729	2425.000
Category 2	0.250	832.000
Category 3	0.021	71.000
P5Q3CH		
Category 1	0.863	2857.000
Category 2	0.125	414.000
Category 3	0.011	38.000
P5Q3CI		
Category 1	0.902	2996.000
Category 2	0.091	302.000
Category 3	0.007	24.000
P5Q3CN		
Category 1	0.829	2760.000
Category 2	0.157	521.000
Category 3	0.014	48.000
P5Q3C0		
Category 1	0.710	2365.000
Category 2	0.244	814.000
Category 3	0.045	151.000
P5Q3CQ		
Category 1	0.955	3177.000
Category 2	0.039	131.000
Category 3	0.006	20.000
P5Q3CW		
Category 1	0.785	2617.000
Category 2	0.183	609.000
Category 3	0.032	106.000

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AI_R	K6D2AG_R	K6D2AG_R	K6D2AG_R	K6D2AI_R
_____	_____	_____	_____	_____
0.727	0.140	0.670	1.647	0.190

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2J_R\$	K6D2AI_R	K6D2D_R\$	K6D2D_R\$	K6D2D_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
-0.484	1.458	0.239	0.774	1.596

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2T_R\$	K6D2J_R\$	K6D2J_R\$	K6D2T_R\$	K6D2T_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.585	0.214	1.384	0.374	0.807

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AK_R	K6D2AC_R	K6D2AC_R	K6D2AC_R	K6D2AK_R
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0.520	0.502	0.939	1.793	-0.011

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2N_R\$	K6D2AK_R	K6D2C_R\$	K6D2C_R\$	K6D2C_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0.220	1.385	-0.270	0.208	1.210

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2X_R\$	K6D2N_R\$	K6D2N_R\$	K6D2X_R\$	K6D2X_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2.151	0.794	1.741	1.015	1.426

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2P_R\$	K6D2A_R\$	K6D2A_R\$	K6D2A_R\$	K6D2P_R\$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

_____	-0.929	-0.343	0.929	-0.648
-0.049				
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2Z_R\$	K6D2P_R\$	K6D2R_R\$	K6D2R_R\$	K6D2R_R\$
_____	_____	_____	_____	_____
-0.874	1.055	-0.930	-0.206	1.070
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AB_R	K6D2Z_R\$	K6D2Z_R\$	K6D2AB_R	K6D2AB_R
_____	_____	_____	_____	_____
0.848	-0.258	1.021	-0.814	-0.174
	MEANS/INTERCEPTS/THRESHOLDS			
K6D61C\$2	K6D2AJ_R	K6D2AJ_R	K6D2AJ_R	K6D61C\$1
_____	_____	_____	_____	_____
2.199	-0.232	0.281	1.182	1.424
	MEANS/INTERCEPTS/THRESHOLDS			
K6D61E\$1	K6D61C\$3	K6D61D\$1	K6D61D\$2	K6D61D\$3
_____	_____	_____	_____	_____
1.323	2.504	0.694	1.582	2.005
	MEANS/INTERCEPTS/THRESHOLDS			
K6D61K\$3	K6D61E\$2	K6D61E\$3	K6D61K\$1	K6D61K\$2
_____	_____	_____	_____	_____
2.433	2.124	2.493	1.365	2.178

	MEANS/INTERCEPTS/THRESHOLDS			
K6D61M\$2	K6D61L\$1	K6D61L\$2	K6D61L\$3	K6D61M\$1
1.521	1.176	2.014	2.354	0.626

	MEANS/INTERCEPTS/THRESHOLDS			
K6F68_R\$	K6D61M\$3	K6D40_R\$	K6D48_R\$	K6F63_R\$
2.193	1.899	1.622	0.964	0.801

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2F_R\$	K6F74_R\$	K6D2B_R\$	K6D2B_R\$	K6D2B_R\$
-1.885	2.098	-2.068	-1.663	-0.675

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2G_R\$	K6D2F_R\$	K6D2F_R\$	K6D2G_R\$	K6D2G_R\$
-0.932	-1.397	-0.144	-2.194	-1.938

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2K_R\$	K6D2I_R\$	K6D2I_R\$	K6D2I_R\$	K6D2K_R\$
-1.354	-1.909	-1.233	0.133	-2.040

	MEANS/INTERCEPTS/THRESHOLDS			
K6D2M_R\$	K6D2K_R\$	K6D2L_R\$	K6D2L_R\$	K6D2L_R\$

-2.271	0.045	-2.536	-2.166	-1.227
	MEANS/INTERCEPTS/THRESHOLDS			
K6D20_R\$	K6D2M_R\$	K6D2M_R\$	K6D20_R\$	K6D20_R\$
_____	_____	_____	_____	_____
-0.269	-1.593	-0.003	-1.504	-1.187
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2V_R\$	K6D2S_R\$	K6D2S_R\$	K6D2S_R\$	K6D2V_R\$
_____	_____	_____	_____	_____
-1.893	-2.181	-1.623	-0.411	-2.380
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2Y_R\$	K6D2V_R\$	K6D2W_R\$	K6D2W_R\$	K6D2W_R\$
_____	_____	_____	_____	_____
-2.144	-0.303	-2.132	-1.441	-0.174
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AA_R	K6D2Y_R\$	K6D2Y_R\$	K6D2AA_R	K6D2AA_R
_____	_____	_____	_____	_____
-0.432	-1.658	-0.678	-2.178	-1.646
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AF_R	K6D2AE_R	K6D2AE_R	K6D2AE_R	K6D2AF_R
_____	_____	_____	_____	_____
-1.928	-1.876	-1.166	0.309	-2.261

MEANS/INTERCEPTS/THRESHOLDS

P5Q3M\$1	K6D2AF_R	K6D2AH_R	K6D2AH_R	K6D2AH_R
	_____	_____	_____	_____
0.977	-0.818	-1.875	-1.483	-0.267
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3AD\$2	P5Q3M\$2	P5Q3AB\$1	P5Q3AB\$2	P5Q3AD\$1
	_____	_____	_____	_____
2.181	2.040	0.495	1.919	1.092
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3AR\$1	P5Q3AF\$1	P5Q3AF\$2	P5Q3AH\$1	P5Q3AH\$2
	_____	_____	_____	_____
1.318	1.239	2.385	1.634	2.542
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3AX\$2	P5Q3AR\$2	P5Q3AV\$1	P5Q3AV\$2	P5Q3AX\$1
	_____	_____	_____	_____
2.702	2.342	1.195	2.284	1.631
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3DB\$1	P5Q3BQ\$1	P5Q3BQ\$2	P5Q3CK\$1	P5Q3CK\$2
	_____	_____	_____	_____
0.464	0.279	1.898	2.083	2.668
MEANS/INTERCEPTS/THRESHOLDS				
P5Q3A0\$2	P5Q3DB\$2	P5Q3E\$1	P5Q3E\$2	P5Q3A0\$1
	_____	_____	_____	_____
	1.870	1.059	1.993	1.033

2.146

P5Q3CU\$1	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BK\$1	P5Q3BK\$2	P5Q3B0\$1	P5Q3B0\$2
	<hr/>	<hr/>	<hr/>	<hr/>
1.414	1.234	2.416	0.894	2.251

P5Q3AS\$2	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CU\$2	P5Q3DA\$1	P5Q3DA\$2	P5Q3AS\$1
	<hr/>	<hr/>	<hr/>	<hr/>
2.447	2.334	1.371	2.555	0.771

P5Q3BB1\$	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AU\$1	P5Q3AU\$2	P5Q3AZ\$1	P5Q3AZ\$2
	<hr/>	<hr/>	<hr/>	<hr/>
1.340	1.441	2.371	1.535	2.450

P5Q3BB5\$	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BB1\$	P5Q3BB2\$	P5Q3BB2\$	P5Q3BB5\$
	<hr/>	<hr/>	<hr/>	<hr/>
2.004	2.417	0.909	2.186	1.106

P5Q3X\$1	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BB6\$	P5Q3BB6\$	P5Q3BB7\$	P5Q3BB7\$
	<hr/>	<hr/>	<hr/>	<hr/>
0.796	1.163	2.449	1.642	2.527

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3X\$2	P5Q3AA\$1	P5Q3AA\$2	P5Q3AL\$1

P5Q3AL\$2				
2.495	1.971	0.163	1.998	1.266
P5Q3BZ\$1	MEANS/INTERCEPTS/THRESHOLDS P5Q3AP\$1	P5Q3AP\$2	P5Q3BI\$1	P5Q3BI\$2
1.783	0.563	2.219	0.257	1.613
P5Q3C\$2	MEANS/INTERCEPTS/THRESHOLDS P5Q3BZ\$2	P5Q3CJ\$1	P5Q3CJ\$2	P5Q3C\$1
1.356	2.480	1.582	2.629	0.022
P5Q3S\$1	MEANS/INTERCEPTS/THRESHOLDS P5Q30\$1	P5Q30\$2	P5Q3R\$1	P5Q3R\$2
1.069	1.153	2.200	0.267	1.423
P5Q3U\$2	MEANS/INTERCEPTS/THRESHOLDS P5Q3S\$2	P5Q3T\$1	P5Q3T\$2	P5Q3U\$1
1.950	2.021	1.057	2.234	0.084
P5Q3BC\$1	MEANS/INTERCEPTS/THRESHOLDS P5Q3V\$1	P5Q3V\$2	P5Q3AJ\$1	P5Q3AJ\$2
1.673	0.590	2.065	1.446	2.383

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BC\$2	P5Q3BN\$1	P5Q3BN\$2	P5Q3CF\$1
P5Q3CF\$2				
1.955	2.518	0.954	2.058	0.494

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CG\$1	P5Q3CG\$2	P5Q3CH\$1	P5Q3CH\$2
P5Q3CI\$1				
1.334	0.638	2.110	1.127	2.345

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CI\$2	P5Q3CN\$1	P5Q3CN\$2	P5Q3C0\$1
P5Q3C0\$2				
1.765	2.520	0.988	2.266	0.580

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CQ\$1	P5Q3CQ\$2	P5Q3CW\$1	P5Q3CW\$2
	1.754	2.605	0.825	1.937

	SLOPES	
	THREATC0	DEPCOMP
K6D2AG_R	0.027	0.159
K6D2AI_R	0.036	0.112
K6D2D_R	0.155	-0.002
K6D2J_R	0.086	0.038
K6D2T_R	0.009	0.086
K6D2AC_R	0.065	0.198
K6D2AK_R	0.135	0.053
K6D2C_R	0.133	0.099
K6D2N_R	0.085	0.148
K6D2X_R	0.042	0.138
K6D2A_R	0.154	0.033
K6D2P_R	0.216	-0.009

K6D2R_R	0.191	0.042
K6D2Z_R	0.170	0.003
K6D2AB_R	0.162	0.031
K6D2AJ_R	0.311	0.010
K6D61C	0.258	0.120
K6D61D	0.361	0.086
K6D61E	0.286	-0.007
K6D61K	0.165	0.171
K6D61L	0.377	-0.011
K6D61M	0.173	0.006
K6D40_R	0.062	0.153
K6D48_R	0.096	0.142
K6F63_R	0.297	0.061
K6F68_R	0.066	0.286
K6F74_R	0.150	0.290
K6D2B_R	0.000	-0.160
K6D2F_R	0.024	-0.149
K6D2G_R	-0.115	-0.136
K6D2I_R	-0.012	-0.099
K6D2K_R	0.062	-0.101
K6D2L_R	-0.042	-0.194
K6D2M_R	0.002	-0.099
K6D20_R	0.105	-0.201
K6D2S_R	-0.044	-0.166
K6D2V_R	0.063	-0.158
K6D2W_R	-0.057	-0.074
K6D2Y_R	-0.053	-0.195
K6D2AA_R	-0.001	-0.220
K6D2AE_R	0.064	-0.098
K6D2AF_R	-0.064	-0.069
K6D2AH_R	-0.050	-0.062
P5Q3M	0.237	0.213
P5Q3AB	0.151	0.220
P5Q3AD	0.038	0.309
P5Q3AF	0.199	0.319
P5Q3AH	0.042	0.316
P5Q3AR	0.184	0.177
P5Q3AV	0.013	0.263
P5Q3AX	0.143	0.309
P5Q3BQ	0.271	0.155
P5Q3CK	0.196	0.226
P5Q3DB	0.068	0.168
P5Q3E	-0.005	0.424
P5Q3A0	0.191	0.236
P5Q3BK	0.091	0.320
P5Q3B0	0.325	0.226
P5Q3CU	0.081	0.344
P5Q3DA	0.246	0.220
P5Q3AS	0.204	0.177
P5Q3AU	-0.146	0.409

P5Q3AZ	0.104	0.343
P5Q3BB1	0.084	0.257
P5Q3BB2	0.116	0.202
P5Q3BB5	0.261	0.110
P5Q3BB6	0.096	0.284
P5Q3BB7	0.186	0.229
P5Q3X	0.349	0.245
P5Q3AA	0.509	0.074
P5Q3AL	0.420	0.146
P5Q3AP	0.496	0.199
P5Q3BI	0.280	0.051
P5Q3BZ	0.430	0.131
P5Q3CJ	0.382	0.272
P5Q3C	0.355	0.107
P5Q3O	0.326	0.178
P5Q3R	0.300	0.133
P5Q3S	0.344	0.218
P5Q3T	0.403	0.226
P5Q3U	0.401	0.127
P5Q3V	0.464	0.061
P5Q3AJ	0.512	0.127
P5Q3BC	0.438	0.120
P5Q3BN	0.287	0.253
P5Q3CF	0.376	0.153
P5Q3CG	0.385	0.220
P5Q3CH	0.210	0.292
P5Q3CI	0.211	0.306
P5Q3CN	0.390	0.166
P5Q3CO	0.415	0.188
P5Q3CQ	0.414	0.106
P5Q3CW	0.457	0.126

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2AG_R	K6D2AI_R	K6D2D_R	K6D2J_R
K6D2T_R				
K6D2AG_R				
K6D2AI_R	0.528			
K6D2D_R	0.530	0.414		
K6D2J_R	0.473	0.372	0.436	
K6D2T_R	0.646	0.477	0.565	0.391
K6D2AC_R	0.628	0.450	0.475	0.451
0.520				
K6D2AK_R	0.419	0.329	0.360	0.333
0.380				
K6D2C_R	0.431	0.365	0.491	0.429
0.380				
K6D2N_R	0.621	0.446	0.493	0.504

0.495				
K6D2X_R	0.502	0.411	0.397	0.343
0.450				
K6D2A_R	0.188	0.166	0.266	0.219
0.210				
K6D2P_R	0.248	0.215	0.265	0.267
0.294				
K6D2R_R	0.296	0.266	0.297	0.257
0.333				
K6D2Z_R	0.211	0.206	0.224	0.238
0.254				
K6D2AB_R	0.239	0.190	0.226	0.219
0.272				
K6D2AJ_R	0.273	0.263	0.241	0.246
0.283				
K6D61C	0.137	0.069	0.099	0.029
0.061				
K6D61D	0.086	0.099	0.089	0.131
0.075				
K6D61E	0.041	0.114	0.072	0.138
0.053				
K6D61K	0.103	0.051	0.074	0.044
0.024				
K6D61L	0.053	0.054	0.060	0.105
-0.034				
K6D61M	0.180	0.082	0.089	0.170
0.103				
K6D40_R	0.152	0.033	0.084	0.123
0.115				
K6D48_R	0.207	0.098	0.116	0.165
0.099				
K6F63_R	0.129	0.054	0.066	0.098
0.054				
K6F68_R	0.229	-0.009	0.220	0.113
0.135				
K6F74_R	0.192	0.052	0.189	0.131
0.119				
K6D2B_R	-0.388	-0.247	-0.311	-0.287
-0.320				
K6D2F_R	-0.283	-0.196	-0.215	-0.210
-0.226				
K6D2G_R	-0.094	-0.141	-0.099	-0.071
-0.088				
K6D2I_R	-0.154	-0.082	-0.094	-0.060
-0.121				
K6D2K_R	-0.255	-0.141	-0.118	-0.091
-0.222				
K6D2L_R	-0.347	-0.249	-0.281	-0.223
-0.242				
K6D2M_R	-0.222	-0.092	-0.150	-0.122

-0.202				
K6D20_R	-0.273	-0.191	-0.229	-0.212
-0.224				
K6D2S_R	-0.443	-0.308	-0.322	-0.345
-0.297				
K6D2V_R	-0.235	-0.143	-0.137	-0.098
-0.211				
K6D2W_R	-0.304	-0.185	-0.186	-0.203
-0.236				
K6D2Y_R	-0.268	-0.233	-0.239	-0.227
-0.228				
K6D2AA_R	-0.323	-0.231	-0.224	-0.240
-0.259				
K6D2AE_R	-0.166	-0.127	-0.094	-0.094
-0.098				
K6D2AF_R	-0.205	-0.214	-0.181	-0.189
-0.173				
K6D2AH_R	-0.210	-0.166	-0.132	-0.141
-0.143				
P5Q3M	0.066	0.077	0.087	0.057
0.101				
P5Q3AB	0.026	0.029	0.073	0.002
0.095				
P5Q3AD	0.035	0.067	0.071	0.064
0.061				
P5Q3AF	0.067	0.061	0.074	0.034
0.075				
P5Q3AH	0.085	0.050	0.081	0.065
0.098				
P5Q3AR	0.063	0.006	0.085	0.006
0.053				
P5Q3AV	0.066	0.033	0.095	0.010
0.126				
P5Q3AX	0.037	-0.018	0.106	0.006
0.014				
P5Q3BQ	0.062	0.056	0.072	-0.002
0.051				
P5Q3CK	0.062	-0.001	0.065	0.002
0.067				
P5Q3DB	0.058	-0.018	0.037	0.031
0.060				
P5Q3E	0.046	0.057	0.064	0.052
0.052				
P5Q3A0	0.114	0.071	0.119	0.054
0.093				
P5Q3BK	0.064	0.031	0.058	0.050
0.000				
P5Q3B0	0.079	0.056	0.060	0.050
0.034				
P5Q3CU	0.109	0.108	0.141	0.027

0.056				
P5Q3DA	0.148	0.095	0.149	0.071
0.125				
P5Q3AS	0.097	0.032	0.089	0.026
0.106				
P5Q3AU	0.086	-0.038	0.054	0.067
0.078				
P5Q3AZ	0.124	0.054	0.128	0.010
0.038				
P5Q3BB1	0.090	0.025	0.104	0.032
0.100				
P5Q3BB2	0.055	0.050	0.049	-0.003
0.023				
P5Q3BB5	-0.019	0.013	0.060	0.052
0.051				
P5Q3BB6	0.063	0.040	0.089	0.021
0.075				
P5Q3BB7	0.089	-0.029	0.059	-0.052
0.016				
P5Q3X	0.058	0.046	0.101	0.035
0.062				
P5Q3AA	-0.011	0.006	0.029	0.064
0.023				
P5Q3AL	-0.064	0.007	-0.018	-0.012
-0.077				
P5Q3AP	0.012	0.045	0.017	0.025
0.015				
P5Q3BI	0.004	0.016	0.017	0.013
0.002				
P5Q3BZ	0.116	0.084	0.115	0.074
0.159				
P5Q3CJ	0.078	0.066	0.011	0.015
0.002				
P5Q3C	0.047	-0.003	0.033	0.073
0.055				
P5Q30	0.002	0.012	0.051	0.015
0.061				
P5Q3R	0.031	-0.011	0.088	0.021
0.083				
P5Q3S	-0.004	-0.001	0.041	-0.007
0.038				
P5Q3T	-0.006	0.050	0.020	0.024
0.026				
P5Q3U	-0.017	-0.011	-0.004	0.022
0.016				
P5Q3V	-0.053	-0.033	0.004	-0.002
-0.008				
P5Q3AJ	-0.082	-0.018	-0.018	-0.020
-0.033				
P5Q3BC	0.064	0.061	0.105	0.025

0.024				
P5Q3BN	0.061	0.028	0.059	0.050
0.041				
P5Q3CF	0.031	0.011	0.077	0.073
0.050				
P5Q3CG	0.048	0.001	0.078	0.029
0.038				
P5Q3CH	0.053	-0.005	0.094	0.006
0.050				
P5Q3CI	0.017	0.048	0.081	0.009
0.052				
P5Q3CN	0.037	0.020	0.040	0.030
0.049				
P5Q3C0	0.031	0.004	0.051	0.041
-0.007				
P5Q3CQ	0.022	0.036	0.078	0.016
0.054				
P5Q3CW	0.076	0.011	0.067	0.029
0.045				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2AC_R	K6D2AK_R	K6D2C_R	K6D2N_R
K6D2X_R				
K6D2AK_R	0.376			
K6D2C_R	0.457	0.308		
K6D2N_R	0.750	0.385	0.464	
K6D2X_R	0.645	0.320	0.424	0.593
K6D2A_R	0.159	0.259	0.288	0.164
0.164				
K6D2P_R	0.274	0.344	0.277	0.251
0.250				
K6D2R_R	0.253	0.312	0.323	0.236
0.229				
K6D2Z_R	0.192	0.303	0.291	0.192
0.208				
K6D2AB_R	0.257	0.316	0.226	0.203
0.207				
K6D2AJ_R	0.275	0.464	0.251	0.266
0.218				
K6D61C	0.213	0.123	0.107	0.143
0.190				
K6D61D	0.200	0.190	0.112	0.110
0.129				
K6D61E	0.166	0.166	0.046	0.062
0.081				
K6D61K	0.158	0.122	0.106	0.115
0.142				

K6D61L 0.079	0.173	0.171	0.133	0.067
K6D61M 0.138	0.228	0.204	0.109	0.182
K6D40_R 0.185	0.298	0.124	0.047	0.209
K6D48_R 0.185	0.246	0.143	0.111	0.211
K6F63_R 0.148	0.250	0.144	0.091	0.158
K6F68_R 0.240	0.300	0.167	0.144	0.271
K6F74_R 0.206	0.334	0.153	0.177	0.295
K6D2B_R -0.580	-0.539	-0.208	-0.279	-0.513
K6D2F_R -0.317	-0.418	-0.125	-0.232	-0.376
K6D2G_R -0.192	-0.203	-0.074	-0.101	-0.186
K6D2I_R -0.159	-0.215	-0.179	-0.053	-0.197
K6D2K_R -0.219	-0.268	-0.164	-0.083	-0.266
K6D2L_R -0.469	-0.446	-0.188	-0.231	-0.441
K6D2M_R -0.208	-0.241	-0.151	-0.092	-0.266
K6D2O_R -0.391	-0.320	-0.138	-0.243	-0.328
K6D2S_R -0.527	-0.641	-0.222	-0.349	-0.610
K6D2V_R -0.290	-0.262	-0.173	-0.150	-0.267
K6D2W_R -0.352	-0.350	-0.166	-0.201	-0.365
K6D2Y_R -0.370	-0.388	-0.171	-0.260	-0.368
K6D2AA_R -0.401	-0.460	-0.121	-0.245	-0.435
K6D2AE_R -0.191	-0.207	-0.069	-0.101	-0.226
K6D2AF_R -0.358	-0.298	-0.134	-0.198	-0.290
K6D2AH_R -0.254	-0.243	-0.110	-0.169	-0.223
P5Q3M 0.028	0.041	0.093	0.047	0.056
P5Q3AB 0.045	0.067	0.004	0.002	0.028

P5Q3AD	0.023	0.081	0.024	0.067
-0.002				
P5Q3AF	0.112	0.060	0.009	0.110
0.048				
P5Q3AH	0.131	0.162	-0.007	0.147
0.066				
P5Q3AR	-0.016	0.105	0.051	0.011
0.029				
P5Q3AV	0.035	0.054	0.035	0.010
0.024				
P5Q3AX	0.001	0.097	-0.027	0.026
0.048				
P5Q3BQ	0.102	0.020	0.018	0.099
-0.002				
P5Q3CK	0.103	0.147	0.060	0.080
0.117				
P5Q3DB	0.056	0.049	-0.025	0.090
0.011				
P5Q3E	0.092	0.052	0.077	0.108
0.154				
P5Q3A0	0.113	0.145	0.067	0.150
0.089				
P5Q3BK	0.061	0.117	0.043	0.083
0.127				
P5Q3B0	0.088	0.125	0.073	0.111
0.121				
P5Q3CU	0.116	0.067	0.077	0.039
0.053				
P5Q3DA	0.176	0.092	0.101	0.178
0.151				
P5Q3AS	0.135	0.096	0.019	0.087
0.077				
P5Q3AU	0.087	0.056	-0.006	0.093
0.056				
P5Q3AZ	0.069	0.114	0.128	0.101
0.106				
P5Q3BB1	0.123	0.010	0.064	0.112
0.125				
P5Q3BB2	0.050	0.034	0.028	0.036
0.042				
P5Q3BB5	0.044	0.016	0.036	0.064
0.030				
P5Q3BB6	0.061	-0.016	0.050	0.062
0.052				
P5Q3BB7	0.012	-0.018	0.000	0.034
0.054				
P5Q3X	0.097	0.095	0.123	0.069
0.145				
P5Q3AA	0.041	0.110	0.033	0.026
0.020				

P5Q3AL 0.018	-0.031	0.096	-0.024	-0.045
P5Q3AP 0.035	0.048	0.091	0.053	0.038
P5Q3BI 0.013	0.059	0.040	-0.006	0.034
P5Q3BZ 0.140	0.141	0.171	0.149	0.123
P5Q3CJ 0.104	0.140	0.130	0.067	0.066
P5Q3C 0.027	0.088	0.088	-0.014	0.089
P5Q3O 0.090	0.044	0.113	0.046	0.032
P5Q3R 0.114	0.105	0.085	0.052	0.098
P5Q3S 0.084	0.075	0.144	0.038	0.101
P5Q3T 0.055	0.030	0.107	0.045	0.063
P5Q3U 0.003	0.029	0.080	-0.009	0.034
P5Q3V 0.021	0.001	0.125	0.002	0.015
P5Q3AJ 0.041	-0.002	0.109	-0.025	-0.052
P5Q3BC 0.066	0.105	0.122	0.095	0.060
P5Q3BN 0.049	0.109	0.033	0.046	0.105
P5Q3CF 0.063	0.086	0.063	0.065	0.076
P5Q3CG 0.050	0.079	0.065	0.080	0.090
P5Q3CH 0.052	0.080	0.094	0.028	0.126
P5Q3CI 0.136	0.063	0.058	0.043	0.067
P5Q3CN 0.028	0.031	0.079	0.106	0.051
P5Q3CO 0.026	0.076	0.096	0.048	0.050
P5Q3CQ 0.091	0.076	0.126	0.048	0.044
P5Q3CW 0.026	0.046	0.087	0.031	0.060

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
K6D2A_R K6D2P_R K6D2R_R K6D2Z_R

K6D2AB_R

K6D2P_R	0.420			
K6D2R_R	0.350	0.450		
K6D2Z_R	0.390	0.499	0.436	
K6D2AB_R	0.329	0.491	0.339	0.422
K6D2AJ_R	0.411	0.583	0.435	0.448
0.514				
K6D61C	0.190	0.222	0.121	0.158
0.175				
K6D61D	0.213	0.287	0.145	0.240
0.270				
K6D61E	0.183	0.285	0.028	0.217
0.235				
K6D61K	0.182	0.236	0.097	0.128
0.181				
K6D61L	0.168	0.267	0.111	0.174
0.221				
K6D61M	0.115	0.296	0.138	0.150
0.262				
K6D40_R	0.070	0.221	0.088	0.091
0.168				
K6D48_R	0.109	0.234	0.089	0.102
0.191				
K6F63_R	0.117	0.224	0.097	0.149
0.201				
K6F68_R	0.092	0.248	0.069	0.117
0.170				
K6F74_R	0.085	0.168	0.138	0.112
0.210				
K6D2B_R	-0.085	-0.168	-0.146	-0.096
-0.098				
K6D2F_R	-0.082	-0.146	-0.103	-0.048
-0.067				
K6D2G_R	-0.037	-0.090	-0.050	-0.012
-0.053				
K6D2I_R	-0.061	-0.197	-0.069	-0.068
-0.135				
K6D2K_R	-0.071	-0.166	-0.122	-0.051
-0.069				
K6D2L_R	-0.050	-0.127	-0.075	-0.001
-0.046				
K6D2M_R	-0.086	-0.174	-0.096	-0.074
-0.085				
K6D20_R	-0.072	-0.044	-0.054	-0.019
-0.053				
K6D2S_R	-0.070	-0.155	-0.142	-0.065
-0.108				
K6D2V_R	-0.084	-0.236	-0.133	-0.105

-0.103				
K6D2W_R	-0.083	-0.135	-0.089	-0.030
-0.086				
K6D2Y_R	-0.085	-0.150	-0.049	-0.014
-0.082				
K6D2AA_R	-0.057	-0.093	-0.079	0.011
-0.024				
K6D2AE_R	0.026	-0.028	0.016	0.068
0.063				
K6D2AF_R	-0.054	-0.075	-0.029	-0.012
-0.017				
K6D2AH_R	-0.042	-0.084	-0.050	-0.037
-0.040				
P5Q3M	0.058	0.033	0.062	0.096
0.037				
P5Q3AB	0.023	0.005	0.006	-0.007
0.009				
P5Q3AD	0.036	-0.006	-0.022	0.056
-0.018				
P5Q3AF	0.089	0.068	0.026	0.066
0.060				
P5Q3AH	0.037	0.041	0.032	0.072
0.047				
P5Q3AR	0.056	0.065	0.022	0.058
0.042				
P5Q3AV	-0.021	0.041	-0.002	-0.010
0.016				
P5Q3AX	0.069	0.020	-0.011	0.048
-0.030				
P5Q3BQ	0.021	0.028	0.031	-0.028
-0.007				
P5Q3CK	0.113	0.073	-0.017	0.133
0.068				
P5Q3DB	-0.039	-0.031	-0.004	-0.007
-0.045				
P5Q3E	0.104	0.041	0.088	0.089
0.072				
P5Q3A0	0.017	0.042	0.077	0.053
0.018				
P5Q3BK	0.050	0.053	0.045	0.069
0.055				
P5Q3B0	0.090	0.112	0.077	0.060
0.056				
P5Q3CU	0.060	0.103	0.059	0.094
0.044				
P5Q3DA	0.105	0.070	0.085	0.094
0.049				
P5Q3AS	0.005	0.020	0.017	0.041
0.021				
P5Q3AU	0.021	0.079	-0.035	0.062

0.045				
P5Q3AZ	0.108	0.062	0.061	0.106
0.100				
P5Q3BB1	-0.041	0.031	0.017	0.062
0.014				
P5Q3BB2	0.020	0.031	0.024	0.053
0.056				
P5Q3BB5	-0.032	0.005	-0.052	-0.015
-0.014				
P5Q3BB6	-0.029	0.017	0.001	0.019
0.003				
P5Q3BB7	-0.058	-0.057	-0.030	-0.045
-0.057				
P5Q3X	0.122	0.094	0.083	0.062
0.114				
P5Q3AA	0.097	0.131	0.055	0.063
0.118				
P5Q3AL	0.056	0.114	0.036	0.121
0.070				
P5Q3AP	0.054	0.110	0.075	0.101
0.101				
P5Q3BI	0.028	0.051	0.023	0.046
0.077				
P5Q3BZ	0.056	0.128	0.020	0.154
0.162				
P5Q3CJ	0.003	0.029	0.003	0.087
0.086				
P5Q3C	0.035	0.068	0.026	0.029
0.059				
P5Q30	0.105	0.130	0.064	0.123
0.136				
P5Q3R	0.066	0.049	0.028	0.049
0.071				
P5Q3S	0.153	0.114	0.087	0.165
0.085				
P5Q3T	0.107	0.110	0.058	0.102
0.118				
P5Q3U	0.032	0.070	0.023	0.047
0.055				
P5Q3V	0.073	0.088	-0.005	0.085
0.081				
P5Q3AJ	0.070	0.083	0.025	0.083
0.128				
P5Q3BC	0.138	0.100	0.051	0.123
0.146				
P5Q3BN	0.068	0.080	0.061	0.100
0.100				
P5Q3CF	0.075	0.088	0.065	0.093
0.053				
P5Q3CG	0.071	0.061	0.052	0.063

0.054				
P5Q3CH	-0.009	0.023	-0.001	0.033
0.022				
P5Q3CI	0.029	0.069	0.019	0.084
0.048				
P5Q3CN	0.063	0.099	0.058	0.117
0.102				
P5Q3C0	0.055	0.077	0.029	0.053
0.081				
P5Q3CQ	0.112	0.079	0.009	0.085
0.146				
P5Q3CW	0.043	0.083	0.039	0.064
0.079				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D61K	K6D2AJ_R	K6D61C	K6D61D	K6D61E
K6D61C	0.278			
K6D61D	0.362	0.450		
K6D61E	0.330	0.375	0.771	
K6D61K	0.271	0.909	0.462	0.419
K6D61L	0.327	0.423	0.699	0.616
0.440				
K6D61M	0.332	0.354	0.369	0.353
0.397				
K6D40_R	0.257	0.537	0.372	0.333
0.508				
K6D48_R	0.232	0.474	0.352	0.323
0.486				
K6F63_R	0.252	0.552	0.413	0.373
0.569				
K6F68_R	0.258	0.471	0.246	0.200
0.520				
K6F74_R	0.259	0.425	0.209	0.188
0.449				
K6D2B_R	-0.165	-0.186	-0.065	-0.052
-0.165				
K6D2F_R	-0.158	-0.147	-0.088	-0.135
-0.170				
K6D2G_R	-0.099	-0.051	-0.092	-0.039
-0.090				
K6D2I_R	-0.266	-0.225	-0.074	-0.056
-0.259				
K6D2K_R	-0.162	-0.192	0.051	0.064
-0.143				
K6D2L_R	-0.143	-0.132	-0.117	-0.105
-0.148				

K6D2M_R -0.184	-0.188	-0.197	0.034	-0.014
K6D20_R -0.129	-0.090	-0.148	-0.042	-0.025
K6D2S_R -0.204	-0.175	-0.181	-0.153	-0.142
K6D2V_R -0.181	-0.230	-0.171	-0.039	-0.076
K6D2W_R -0.177	-0.154	-0.157	-0.026	-0.055
K6D2Y_R -0.127	-0.159	-0.062	-0.099	-0.096
K6D2AA_R -0.085	-0.082	-0.090	-0.051	-0.066
K6D2AE_R -0.121	-0.052	-0.094	0.038	0.026
K6D2AF_R -0.097	-0.114	-0.095	-0.098	-0.075
K6D2AH_R -0.096	-0.097	-0.094	-0.085	-0.039
P5Q3M 0.027	0.043	-0.007	0.029	0.075
P5Q3AB -0.092	0.018	-0.057	-0.018	0.019
P5Q3AD -0.028	0.017	0.036	-0.058	0.015
P5Q3AF 0.026	0.094	0.052	-0.029	0.056
P5Q3AH 0.043	0.077	0.061	-0.063	0.094
P5Q3AR 0.009	0.046	-0.037	0.031	0.128
P5Q3AV -0.092	0.028	-0.050	-0.038	0.054
P5Q3AX 0.005	0.037	0.020	-0.068	0.052
P5Q3BQ -0.028	0.012	-0.074	-0.044	0.040
P5Q3CK -0.001	0.187	-0.056	0.060	0.172
P5Q3DB -0.025	-0.020	0.003	-0.098	-0.019
P5Q3E -0.107	0.052	-0.100	0.074	0.059
P5Q3A0 -0.089	0.072	-0.041	-0.053	0.024
P5Q3BK -0.034	0.064	-0.018	-0.006	-0.017
P5Q3B0 0.084	0.116	0.077	0.076	0.099

P5Q3CU 0.002	0.064	0.064	0.008	0.014
P5Q3DA 0.073	0.134	0.078	0.019	0.044
P5Q3AS -0.019	0.055	-0.023	-0.005	0.036
P5Q3AU 0.017	0.035	0.009	-0.104	-0.089
P5Q3AZ -0.110	0.071	-0.107	-0.015	0.054
P5Q3BB1 -0.023	-0.003	0.009	-0.020	-0.009
P5Q3BB2 -0.073	0.050	-0.066	-0.009	0.030
P5Q3BB5 0.020	-0.020	0.020	0.011	0.057
P5Q3BB6 -0.112	0.022	-0.161	-0.028	0.046
P5Q3BB7 -0.016	0.003	-0.049	-0.030	0.073
P5Q3X 0.095	0.148	0.132	0.138	0.178
P5Q3AA 0.175	0.177	0.153	0.201	0.253
P5Q3AL 0.141	0.145	0.162	0.180	0.204
P5Q3AP 0.181	0.161	0.172	0.161	0.193
P5Q3BI 0.034	0.078	0.011	0.085	0.138
P5Q3BZ 0.146	0.193	0.151	0.123	0.204
P5Q3CJ 0.126	0.109	0.174	0.116	0.115
P5Q3C 0.037	0.105	0.067	0.007	0.031
P5Q3O 0.112	0.152	0.109	0.128	0.197
P5Q3R 0.024	0.093	0.016	0.105	0.147
P5Q3S 0.110	0.171	0.154	0.174	0.218
P5Q3T 0.129	0.149	0.162	0.140	0.196
P5Q3U 0.136	0.108	0.131	0.062	0.103
P5Q3V 0.118	0.165	0.099	0.201	0.229
P5Q3AJ 0.109	0.118	0.179	0.295	0.290

P5Q3BC 0.138	0.165	0.180	0.159	0.222
P5Q3BN 0.105	0.068	0.077	0.088	0.095
P5Q3CF 0.091	0.118	0.093	0.054	0.132
P5Q3CG -0.003	0.100	0.018	0.072	0.136
P5Q3CH 0.088	0.056	0.105	-0.041	0.051
P5Q3CI 0.077	0.064	0.033	0.100	0.120
P5Q3CN 0.077	0.100	0.061	0.080	0.163
P5Q3C0 0.168	0.113	0.154	0.131	0.156
P5Q3CQ 0.208	0.126	0.193	0.207	0.214
P5Q3CW 0.044	0.078	0.086	0.109	0.091

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D61L	K6D61M	K6D40_R	K6D48_R
K6F63_R				
K6D61M	0.366			
K6D40_R	0.284	0.241		
K6D48_R	0.342	0.289	0.641	
K6F63_R	0.437	0.275	0.699	0.707
K6F68_R	0.378	0.259	0.663	0.651
0.621				
K6F74_R	0.305	0.210	0.651	0.659
0.577				
K6D2B_R	-0.040	-0.163	-0.184	-0.191
-0.126				
K6D2F_R	-0.072	-0.129	-0.168	-0.151
-0.148				
K6D2G_R	-0.059	-0.017	-0.043	-0.018
-0.099				
K6D2I_R	-0.083	-0.238	-0.254	-0.190
-0.163				
K6D2K_R	0.089	-0.166	-0.183	-0.079
-0.082				
K6D2L_R	-0.127	-0.086	-0.219	-0.183
-0.167				
K6D2M_R	-0.005	-0.199	-0.255	-0.133
-0.182				
K6D20_R	-0.010	-0.094	-0.133	-0.126

-0.106				
K6D2S_R	-0.075	-0.209	-0.238	-0.204
-0.239				
K6D2V_R	-0.051	-0.185	-0.125	-0.097
-0.095				
K6D2W_R	0.012	-0.175	-0.139	-0.109
-0.053				
K6D2Y_R	-0.082	-0.193	-0.087	-0.107
-0.110				
K6D2AA_R	-0.063	-0.084	-0.159	-0.095
-0.133				
K6D2AE_R	0.063	-0.106	-0.119	-0.105
-0.090				
K6D2AF_R	-0.039	-0.084	-0.078	-0.044
-0.077				
K6D2AH_R	-0.039	-0.103	-0.180	-0.088
-0.092				
P5Q3M	-0.035	0.000	0.056	-0.070
0.015				
P5Q3AB	-0.002	0.011	-0.053	-0.065
-0.066				
P5Q3AD	-0.050	0.007	0.066	0.001
-0.033				
P5Q3AF	0.015	0.027	0.225	0.080
0.065				
P5Q3AH	-0.046	0.048	0.141	-0.044
-0.036				
P5Q3AR	-0.015	0.016	0.040	-0.024
-0.029				
P5Q3AV	-0.049	-0.006	0.002	0.008
-0.052				
P5Q3AX	-0.025	0.043	0.027	-0.006
-0.063				
P5Q3BQ	0.006	0.053	0.081	-0.027
-0.028				
P5Q3CK	-0.138	0.041	0.129	-0.063
0.039				
P5Q3DB	-0.151	-0.008	0.118	0.009
-0.038				
P5Q3E	-0.007	-0.060	0.100	0.022
0.037				
P5Q3A0	-0.053	0.007	0.052	-0.040
0.004				
P5Q3BK	-0.019	-0.017	0.037	-0.018
-0.015				
P5Q3B0	0.058	0.039	0.168	0.042
0.064				
P5Q3CU	-0.089	-0.014	0.057	0.007
-0.021				
P5Q3DA	-0.032	0.031	0.092	0.024

0.035				
P5Q3AS	-0.032	0.002	0.148	0.029
-0.001				
P5Q3AU	-0.048	0.044	0.080	-0.073
-0.012				
P5Q3AZ	0.019	0.037	0.078	0.073
0.076				
P5Q3BB1	-0.089	-0.003	0.038	-0.067
-0.057				
P5Q3BB2	-0.010	-0.005	0.063	-0.022
0.016				
P5Q3BB5	0.000	-0.012	0.094	-0.028
0.023				
P5Q3BB6	-0.061	0.002	0.089	-0.070
-0.023				
P5Q3BB7	-0.044	0.009	0.063	-0.058
-0.140				
P5Q3X	0.153	0.014	0.139	0.059
0.062				
P5Q3AA	0.189	0.061	0.223	0.049
0.132				
P5Q3AL	0.204	0.026	0.203	0.015
0.122				
P5Q3AP	0.140	0.011	0.236	-0.026
0.076				
P5Q3BI	0.084	0.041	0.134	0.009
0.093				
P5Q3BZ	0.083	0.011	0.213	0.002
0.081				
P5Q3CJ	0.082	0.048	0.311	0.180
0.140				
P5Q3C	-0.012	0.041	0.230	0.069
0.050				
P5Q30	0.107	0.041	0.158	0.018
0.059				
P5Q3R	0.077	0.032	0.124	0.008
0.042				
P5Q3S	0.125	-0.001	0.200	0.055
0.145				
P5Q3T	0.092	0.000	0.162	0.016
0.075				
P5Q3U	0.033	0.014	0.197	0.008
0.075				
P5Q3V	0.163	0.011	0.136	-0.015
0.138				
P5Q3AJ	0.263	0.084	0.242	0.035
0.122				
P5Q3BC	0.150	0.075	0.251	0.121
0.122				
P5Q3BN	0.030	0.059	0.241	0.078

0.112				
P5Q3CF	0.020	0.048	0.179	0.001
0.063				
P5Q3CG	0.039	0.042	0.195	-0.002
0.050				
P5Q3CH	-0.048	0.030	0.210	0.077
0.070				
P5Q3CI	0.072	0.067	0.065	0.051
0.025				
P5Q3CN	0.160	0.083	0.146	0.014
0.078				
P5Q3CO	0.101	0.089	0.264	0.084
0.111				
P5Q3CQ	0.154	0.086	0.274	0.009
0.092				
P5Q3CW	0.089	0.064	0.114	0.030
0.048				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6F68_R	K6F74_R	K6D2B_R	K6D2F_R
K6D2G_R				
K6F74_R	0.792			
K6D2B_R	-0.247	-0.233		
K6D2F_R	-0.236	-0.233	0.501	
K6D2G_R	-0.020	-0.112	0.294	0.387
K6D2I_R	-0.347	-0.274	0.274	0.267
0.161				
K6D2K_R	-0.169	-0.089	0.320	0.309
0.184				
K6D2L_R	-0.259	-0.207	0.529	0.409
0.386				
K6D2M_R	-0.288	-0.195	0.317	0.349
0.177				
K6D2O_R	-0.054	-0.087	0.427	0.377
0.221				
K6D2S_R	-0.290	-0.265	0.688	0.612
0.328				
K6D2V_R	-0.137	-0.130	0.328	0.369
0.196				
K6D2W_R	-0.137	-0.168	0.419	0.413
0.210				
K6D2Y_R	-0.156	-0.069	0.402	0.365
0.322				
K6D2AA_R	-0.125	-0.121	0.529	0.520
0.391				
K6D2AE_R	-0.119	-0.125	0.323	0.340
0.191				

K6D2AF_R 0.422	-0.154	-0.039	0.380	0.393
K6D2AH_R 0.208	-0.104	-0.061	0.317	0.354
P5Q3M 0.020	-0.090	-0.024	-0.064	-0.074
P5Q3AB 0.018	-0.113	-0.002	-0.044	0.030
P5Q3AD -0.035	-0.078	-0.016	0.016	-0.057
P5Q3AF -0.061	0.162	0.056	-0.064	-0.089
P5Q3AH -0.022	0.162	0.159	-0.040	-0.048
P5Q3AR -0.042	-0.108	0.031	0.037	-0.014
P5Q3AV -0.050	-0.033	0.005	-0.004	-0.034
P5Q3AX -0.024	-0.055	0.009	0.013	-0.038
P5Q3BQ 0.028	0.018	0.105	-0.041	-0.070
P5Q3CK 0.018	-0.042	0.017	-0.103	-0.120
P5Q3DB 0.031	0.061	0.095	-0.034	-0.068
P5Q3E -0.053	-0.035	-0.054	-0.011	-0.060
P5Q3A0 -0.084	-0.009	0.071	-0.016	-0.090
P5Q3BK -0.090	0.163	0.068	-0.022	-0.054
P5Q3B0 -0.036	0.127	0.170	-0.065	-0.098
P5Q3CU 0.040	-0.056	0.082	-0.076	-0.053
P5Q3DA -0.040	-0.052	0.177	-0.105	-0.110
P5Q3AS 0.016	0.123	0.085	-0.101	-0.084
P5Q3AU -0.042	0.024	0.043	-0.020	-0.049
P5Q3AZ -0.081	0.012	-0.046	-0.078	-0.062
P5Q3BB1 -0.062	0.031	0.108	-0.089	-0.087
P5Q3BB2 0.003	0.040	0.103	-0.003	-0.033
P5Q3BB5 -0.055	0.088	0.069	-0.059	-0.100

P5Q3BB6	0.043	-0.025	-0.126	-0.081
-0.033				
P5Q3BB7	-0.119	-0.049	-0.027	-0.076
-0.061				
P5Q3X	-0.021	0.126	-0.079	-0.043
-0.029				
P5Q3AA	0.117	0.063	0.002	-0.006
0.022				
P5Q3AL	0.097	-0.093	0.092	0.047
0.021				
P5Q3AP	0.091	0.244	-0.014	-0.013
0.008				
P5Q3BI	0.103	0.074	0.024	-0.023
-0.009				
P5Q3BZ	-0.182	0.035	-0.055	0.003
-0.039				
P5Q3CJ	0.335	0.231	-0.025	0.003
-0.017				
P5Q3C	0.113	0.204	-0.062	-0.089
0.009				
P5Q30	0.022	0.097	-0.051	-0.066
-0.047				
P5Q3R	0.007	0.067	-0.037	-0.052
-0.007				
P5Q3S	0.062	0.127	-0.049	-0.014
-0.057				
P5Q3T	0.012	0.061	-0.041	-0.004
-0.067				
P5Q3U	0.143	0.139	-0.018	-0.032
0.030				
P5Q3V	0.054	0.008	0.024	-0.029
-0.055				
P5Q3AJ	-0.160	-0.011	0.060	0.058
-0.100				
P5Q3BC	0.057	0.172	0.004	-0.036
-0.001				
P5Q3BN	0.110	0.115	-0.063	-0.043
0.004				
P5Q3CF	0.092	0.161	-0.039	-0.101
-0.027				
P5Q3CG	-0.010	0.072	-0.061	-0.085
-0.042				
P5Q3CH	0.105	0.248	-0.083	-0.108
0.017				
P5Q3CI	-0.014	0.021	-0.024	-0.046
-0.019				
P5Q3CN	0.139	0.081	-0.036	-0.046
-0.027				
P5Q3C0	0.081	0.209	-0.025	-0.072
-0.046				

P5Q3CQ -0.005	-0.033	0.080	-0.009	-0.002
P5Q3CW 0.026	-0.028	-0.048	0.030	0.025

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2I_R	K6D2K_R	K6D2L_R	K6D2M_R
K6D20_R				
K6D2K_R	0.453			
K6D2L_R	0.322	0.305		
K6D2M_R	0.469	0.629	0.328	
K6D20_R	0.243	0.256	0.347	0.285
K6D2S_R	0.344	0.352	0.575	0.355
0.473				
K6D2V_R	0.482	0.473	0.336	0.478
0.342				
K6D2W_R	0.347	0.439	0.397	0.425
0.453				
K6D2Y_R	0.279	0.268	0.571	0.313
0.360				
K6D2AA_R	0.269	0.306	0.519	0.314
0.405				
K6D2AE_R	0.259	0.324	0.298	0.325
0.348				
K6D2AF_R	0.232	0.252	0.544	0.261
0.372				
K6D2AH_R	0.243	0.256	0.323	0.264
0.355				
P5Q3M	-0.011	-0.021	-0.033	-0.031
-0.063				
P5Q3AB	0.010	-0.063	-0.028	-0.024
-0.022				
P5Q3AD	-0.013	-0.062	-0.027	-0.033
0.000				
P5Q3AF	-0.075	-0.105	-0.093	-0.112
-0.042				
P5Q3AH	-0.087	-0.114	-0.046	-0.070
-0.020				
P5Q3AR	-0.039	-0.019	0.011	-0.061
-0.043				
P5Q3AV	-0.055	-0.055	0.024	-0.090
-0.089				
P5Q3AX	-0.018	-0.001	-0.071	-0.008
-0.034				
P5Q3BQ	-0.102	-0.099	-0.043	-0.107
-0.022				
P5Q3CK	0.004	-0.043	-0.086	0.029

-0.028				
P5Q3DB	-0.051	-0.060	-0.001	-0.064
-0.057				
P5Q3E	0.072	0.024	-0.047	0.001
-0.047				
P5Q3A0	-0.017	-0.054	-0.058	-0.045
-0.112				
P5Q3BK	0.021	0.027	-0.036	0.012
-0.012				
P5Q3B0	-0.084	-0.060	-0.095	-0.063
-0.030				
P5Q3CU	-0.027	-0.073	-0.096	-0.024
-0.053				
P5Q3DA	-0.050	-0.072	-0.024	-0.055
-0.075				
P5Q3AS	-0.018	-0.083	0.008	-0.046
-0.066				
P5Q3AU	-0.036	-0.071	-0.068	-0.012
-0.036				
P5Q3AZ	0.030	-0.051	-0.086	0.005
-0.050				
P5Q3BB1	-0.040	-0.084	-0.051	-0.073
-0.067				
P5Q3BB2	-0.007	-0.011	-0.034	-0.006
0.014				
P5Q3BB5	-0.008	-0.024	-0.061	-0.060
-0.026				
P5Q3BB6	-0.052	-0.059	-0.021	-0.044
-0.026				
P5Q3BB7	-0.012	-0.060	-0.018	0.051
0.012				
P5Q3X	-0.015	0.003	-0.041	0.009
-0.023				
P5Q3AA	-0.063	-0.018	-0.013	-0.018
-0.011				
P5Q3AL	-0.054	0.030	0.023	-0.011
0.031				
P5Q3AP	-0.049	-0.032	-0.008	-0.050
-0.030				
P5Q3BI	0.019	-0.003	0.037	-0.009
0.005				
P5Q3BZ	-0.004	0.022	-0.020	0.078
0.025				
P5Q3CJ	-0.031	-0.054	-0.060	-0.003
-0.022				
P5Q3C	-0.081	-0.082	0.018	-0.095
-0.036				
P5Q30	-0.064	-0.068	-0.035	-0.068
0.006				
P5Q3R	-0.021	-0.041	-0.011	-0.062

-0.011				
P5Q3S	-0.027	-0.051	0.016	0.010
-0.018				
P5Q3T	-0.038	-0.074	-0.011	0.010
0.000				
P5Q3U	-0.068	-0.080	0.003	-0.075
-0.012				
P5Q3V	-0.042	0.016	0.012	-0.030
0.020				
P5Q3AJ	-0.005	0.034	-0.067	0.024
-0.005				
P5Q3BC	-0.041	-0.016	-0.050	0.007
-0.008				
P5Q3BN	0.004	-0.016	-0.027	-0.021
-0.079				
P5Q3CF	-0.043	-0.048	0.008	-0.028
-0.024				
P5Q3CG	-0.009	-0.039	-0.051	-0.034
-0.040				
P5Q3CH	-0.112	-0.073	-0.069	-0.053
-0.090				
P5Q3CI	0.015	0.012	-0.113	0.046
-0.053				
P5Q3CN	-0.013	-0.026	-0.024	-0.012
-0.022				
P5Q3C0	-0.074	-0.054	0.032	-0.037
-0.057				
P5Q3CQ	-0.005	-0.006	-0.050	0.058
-0.014				
P5Q3CW	0.023	-0.018	0.066	0.004
-0.032				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2S_R	K6D2V_R	K6D2W_R	K6D2Y_R
K6D2AA_R				
K6D2V_R	0.384			
K6D2W_R	0.504	0.472		
K6D2Y_R	0.508	0.308	0.457	
K6D2AA_R	0.643	0.346	0.449	0.465
K6D2AE_R	0.406	0.335	0.446	0.334
0.360				
K6D2AF_R	0.455	0.319	0.428	0.569
0.479				
K6D2AH_R	0.382	0.347	0.352	0.301
0.324				
P5Q3M	-0.011	-0.085	-0.003	-0.005
-0.007				

P5Q3AB	0.000	-0.023	-0.020	-0.030
-0.018				
P5Q3AD	-0.026	-0.030	0.024	-0.036
-0.076				
P5Q3AF	-0.012	-0.082	-0.007	-0.055
-0.029				
P5Q3AH	-0.017	-0.164	-0.104	0.019
-0.017				
P5Q3AR	0.044	-0.056	-0.016	-0.010
0.004				
P5Q3AV	0.025	-0.069	-0.036	-0.023
-0.022				
P5Q3AX	0.044	-0.031	0.010	-0.010
-0.030				
P5Q3BQ	-0.052	-0.108	-0.067	-0.062
-0.066				
P5Q3CK	0.010	-0.028	0.006	0.038
0.035				
P5Q3DB	-0.028	-0.032	-0.045	0.016
-0.033				
P5Q3E	-0.059	-0.061	0.037	-0.001
-0.075				
P5Q3A0	-0.069	-0.107	-0.070	-0.016
-0.129				
P5Q3BK	-0.005	-0.037	0.011	-0.054
-0.039				
P5Q3B0	-0.098	-0.058	-0.058	-0.040
-0.087				
P5Q3CU	0.034	-0.105	0.020	0.028
-0.030				
P5Q3DA	-0.087	-0.083	-0.021	-0.052
-0.064				
P5Q3AS	-0.084	-0.085	-0.118	-0.055
-0.067				
P5Q3AU	-0.011	-0.036	-0.112	0.003
-0.035				
P5Q3AZ	0.042	-0.022	0.095	-0.007
-0.031				
P5Q3BB1	-0.065	-0.037	0.011	-0.017
-0.063				
P5Q3BB2	-0.037	0.017	0.018	-0.044
-0.051				
P5Q3BB5	-0.033	0.001	-0.007	-0.124
-0.118				
P5Q3BB6	-0.047	-0.084	0.023	-0.061
-0.084				
P5Q3BB7	0.008	-0.023	0.055	-0.047
-0.054				
P5Q3X	-0.046	-0.051	-0.017	0.002
0.013				

P5Q3AA 0.059	0.015	-0.021	-0.007	0.017
P5Q3AL 0.034	0.011	0.048	0.030	0.002
P5Q3AP 0.025	-0.012	-0.056	-0.007	-0.020
P5Q3BI -0.004	-0.008	0.004	0.014	0.006
P5Q3BZ 0.011	0.046	0.038	0.036	-0.037
P5Q3CJ 0.028	-0.016	-0.038	0.006	0.003
P5Q3C -0.022	-0.055	-0.106	-0.101	-0.005
P5Q30 -0.021	-0.041	-0.060	-0.040	-0.007
P5Q3R -0.026	-0.028	-0.059	-0.027	-0.012
P5Q3S -0.003	0.007	-0.055	-0.004	0.016
P5Q3T 0.009	0.039	-0.089	-0.002	0.037
P5Q3U 0.033	-0.016	-0.071	-0.053	0.034
P5Q3V 0.021	0.013	-0.034	-0.020	0.013
P5Q3AJ 0.000	0.022	0.024	-0.009	-0.033
P5Q3BC -0.047	-0.004	0.024	-0.054	-0.004
P5Q3BN -0.055	-0.034	0.006	0.008	-0.011
P5Q3CF -0.017	-0.028	-0.069	-0.016	0.007
P5Q3CG -0.037	-0.077	-0.064	-0.016	-0.037
P5Q3CH -0.079	-0.088	-0.134	-0.034	-0.027
P5Q3CI -0.014	0.010	-0.046	0.014	0.046
P5Q3CN 0.028	-0.030	-0.075	0.038	0.041
P5Q3C0 0.016	-0.023	-0.084	-0.040	0.008
P5Q3CQ -0.061	0.006	-0.017	0.015	0.061
P5Q3CW 0.040	0.037	-0.051	0.001	0.053

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
P5Q3AB	K6D2AE_R	K6D2AF_R	K6D2AH_R	P5Q3M
K6D2AF_R	0.356			
K6D2AH_R	0.301	0.381		
P5Q3M	-0.021	-0.032	-0.048	
P5Q3AB	0.028	-0.009	0.020	0.215
P5Q3AD	0.011	-0.052	-0.074	0.298
0.379				
P5Q3AF	-0.008	-0.065	-0.078	0.462
0.291				
P5Q3AH	-0.091	-0.065	-0.062	0.400
0.348				
P5Q3AR	0.029	-0.064	-0.008	0.263
0.265				
P5Q3AV	-0.039	-0.086	-0.043	0.396
0.489				
P5Q3AX	0.025	0.020	0.017	0.396
0.382				
P5Q3BQ	-0.042	-0.012	-0.036	0.271
0.339				
P5Q3CK	-0.066	0.013	-0.086	0.467
0.284				
P5Q3DB	-0.063	-0.019	-0.006	0.289
0.236				
P5Q3E	0.009	-0.011	-0.077	0.315
0.189				
P5Q3A0	-0.073	-0.103	-0.044	0.314
0.230				
P5Q3BK	-0.041	-0.062	-0.057	0.331
0.281				
P5Q3B0	-0.067	-0.059	-0.025	0.254
0.202				
P5Q3CU	0.009	-0.006	0.051	0.322
0.240				
P5Q3DA	-0.013	-0.068	-0.040	0.353
0.289				
P5Q3AS	-0.036	0.017	-0.005	0.260
0.304				
P5Q3AU	-0.003	-0.057	0.039	0.256
0.237				
P5Q3AZ	0.022	-0.033	-0.011	0.381
0.313				
P5Q3BB1	0.017	-0.063	-0.029	0.301
0.227				
P5Q3BB2	0.026	-0.001	0.000	0.215
0.208				
P5Q3BB5	0.027	-0.042	-0.004	0.182

0.140				
P5Q3BB6	-0.007	-0.060	-0.069	0.304
0.209				
P5Q3BB7	0.016	0.024	-0.027	0.252
0.209				
P5Q3X	0.001	-0.055	-0.020	0.313
0.148				
P5Q3AA	0.016	-0.030	-0.023	0.359
0.252				
P5Q3AL	0.050	-0.021	0.018	0.245
0.138				
P5Q3AP	-0.024	-0.065	-0.048	0.352
0.209				
P5Q3BI	0.008	-0.044	0.021	0.108
0.142				
P5Q3BZ	0.099	-0.083	0.056	0.340
0.248				
P5Q3CJ	-0.039	-0.079	-0.062	0.330
0.247				
P5Q3C	-0.063	-0.012	-0.044	0.356
0.140				
P5Q30	-0.044	-0.045	-0.058	0.469
0.164				
P5Q3R	-0.015	0.011	-0.015	0.476
0.255				
P5Q3S	0.010	0.023	-0.019	0.473
0.190				
P5Q3T	-0.001	-0.053	-0.046	0.455
0.180				
P5Q3U	-0.020	-0.007	-0.020	0.382
0.223				
P5Q3V	0.038	-0.073	0.015	0.287
0.173				
P5Q3AJ	0.039	-0.076	-0.004	0.350
0.179				
P5Q3BC	-0.008	-0.045	-0.069	0.385
0.236				
P5Q3BN	-0.022	-0.022	-0.059	0.505
0.215				
P5Q3CF	-0.006	-0.037	-0.060	0.364
0.264				
P5Q3CG	-0.001	-0.035	-0.042	0.441
0.265				
P5Q3CH	-0.029	-0.050	-0.065	0.461
0.298				
P5Q3CI	-0.011	-0.041	0.015	0.332
0.331				
P5Q3CN	0.019	-0.011	-0.020	0.320
0.165				
P5Q3C0	-0.046	-0.016	-0.050	0.405

0.207				
P5Q3CQ	0.007	-0.060	-0.038	0.375
0.287				
P5Q3CW	0.037	0.023	-0.033	0.314
0.212				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
P5Q3AV	P5Q3AD	P5Q3AF	P5Q3AH	P5Q3AR
P5Q3AF	0.453			
P5Q3AH	0.516	0.716		
P5Q3AR	0.378	0.379	0.470	
P5Q3AV	0.491	0.469	0.576	0.532
P5Q3AX	0.588	0.544	0.675	0.485
0.643				
P5Q3BQ	0.346	0.340	0.406	0.320
0.470				
P5Q3CK	0.504	0.653	0.646	0.473
0.473				
P5Q3DB	0.320	0.388	0.512	0.361
0.529				
P5Q3E	0.383	0.340	0.328	0.258
0.332				
P5Q3A0	0.347	0.344	0.432	0.381
0.346				
P5Q3BK	0.349	0.294	0.381	0.441
0.405				
P5Q3B0	0.303	0.263	0.337	0.362
0.334				
P5Q3CU	0.347	0.384	0.462	0.355
0.381				
P5Q3DA	0.385	0.385	0.484	0.407
0.376				
P5Q3AS	0.352	0.406	0.472	0.366
0.467				
P5Q3AU	0.285	0.305	0.423	0.394
0.440				
P5Q3AZ	0.461	0.479	0.456	0.410
0.474				
P5Q3BB1	0.331	0.397	0.452	0.303
0.354				
P5Q3BB2	0.201	0.261	0.224	0.248
0.276				
P5Q3BB5	0.227	0.283	0.219	0.237
0.232				
P5Q3BB6	0.311	0.362	0.434	0.288
0.401				

P5Q3BB7 0.394	0.316	0.324	0.349	0.352
P5Q3X 0.285	0.349	0.344	0.337	0.273
P5Q3AA 0.248	0.210	0.331	0.418	0.326
P5Q3AL 0.266	0.303	0.310	0.396	0.323
P5Q3AP 0.338	0.303	0.351	0.446	0.347
P5Q3BI 0.134	0.210	0.212	0.257	0.197
P5Q3BZ 0.334	0.342	0.398	0.492	0.365
P5Q3CJ 0.346	0.348	0.389	0.474	0.384
P5Q3C 0.336	0.203	0.424	0.419	0.230
P5Q30 0.300	0.338	0.415	0.415	0.320
P5Q3R 0.393	0.308	0.452	0.457	0.260
P5Q3S 0.344	0.320	0.400	0.451	0.339
P5Q3T 0.365	0.325	0.397	0.443	0.353
P5Q3U 0.318	0.264	0.391	0.465	0.257
P5Q3V 0.217	0.266	0.302	0.384	0.350
P5Q3AJ 0.300	0.372	0.412	0.488	0.430
P5Q3BC 0.415	0.424	0.401	0.547	0.430
P5Q3BN 0.387	0.359	0.512	0.455	0.320
P5Q3CF 0.392	0.255	0.401	0.474	0.344
P5Q3CG 0.469	0.330	0.436	0.433	0.425
P5Q3CH 0.523	0.367	0.476	0.571	0.380
P5Q3CI 0.479	0.439	0.378	0.433	0.408
P5Q3CN 0.283	0.285	0.298	0.361	0.324
P5Q3C0 0.379	0.220	0.448	0.475	0.320
P5Q3CQ 0.384	0.429	0.487	0.563	0.393

P5Q3CW 0.357	0.277	0.327	0.402	0.368
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CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AX	P5Q3BQ	P5Q3CK	P5Q3DB
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P5Q3E

P5Q3BQ	0.436			
P5Q3CK	0.606	0.391		
P5Q3DB	0.524	0.443	0.418	
P5Q3E	0.268	0.132	0.422	0.047
P5Q3A0	0.408	0.295	0.371	0.283
0.318				
P5Q3BK	0.411	0.335	0.499	0.238
0.359				
P5Q3B0	0.402	0.416	0.449	0.323
0.238				
P5Q3CU	0.469	0.387	0.513	0.309
0.318				
P5Q3DA	0.471	0.410	0.505	0.447
0.363				
P5Q3AS	0.434	0.312	0.502	0.373
0.152				
P5Q3AU	0.464	0.211	0.450	0.243
0.207				
P5Q3AZ	0.527	0.410	0.534	0.374
0.379				
P5Q3BB1	0.443	0.300	0.398	0.381
0.163				
P5Q3BB2	0.333	0.223	0.332	0.247
0.141				
P5Q3BB5	0.276	0.233	0.190	0.166
0.165				
P5Q3BB6	0.483	0.298	0.455	0.372
0.234				
P5Q3BB7	0.487	0.280	0.471	0.253
0.215				
P5Q3X	0.223	0.148	0.352	0.115
0.366				
P5Q3AA	0.234	0.202	0.376	0.172
0.128				
P5Q3AL	0.339	0.207	0.389	0.138
0.226				
P5Q3AP	0.339	0.265	0.363	0.257
0.229				
P5Q3BI	0.244	0.304	0.248	0.189
0.127				
P5Q3BZ	0.369	0.245	0.555	0.250

0.217				
P5Q3CJ	0.405	0.272	0.646	0.270
0.310				
P5Q3C	0.282	0.314	0.361	0.353
0.114				
P5Q30	0.330	0.213	0.530	0.216
0.328				
P5Q3R	0.340	0.328	0.490	0.312
0.220				
P5Q3S	0.342	0.195	0.550	0.203
0.366				
P5Q3T	0.331	0.230	0.527	0.216
0.306				
P5Q3U	0.271	0.257	0.387	0.246
0.134				
P5Q3V	0.265	0.158	0.471	0.118
0.146				
P5Q3AJ	0.388	0.204	0.525	0.202
0.279				
P5Q3BC	0.492	0.306	0.618	0.337
0.271				
P5Q3BN	0.382	0.341	0.551	0.282
0.339				
P5Q3CF	0.381	0.390	0.521	0.335
0.184				
P5Q3CG	0.444	0.383	0.559	0.344
0.327				
P5Q3CH	0.536	0.412	0.520	0.393
0.296				
P5Q3CI	0.506	0.404	0.471	0.312
0.342				
P5Q3CN	0.368	0.282	0.400	0.283
0.232				
P5Q3C0	0.333	0.347	0.520	0.277
0.187				
P5Q3CQ	0.504	0.300	0.651	0.333
0.332				
P5Q3CW	0.383	0.288	0.442	0.266
0.217				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3A0	P5Q3BK	P5Q3B0	P5Q3CU
P5Q3DA				
P5Q3BK	0.499			
P5Q3B0	0.352	0.513		
P5Q3CU	0.392	0.420	0.365	
P5Q3DA	0.628	0.560	0.455	0.518

P5Q3AS 0.285	0.220	0.267	0.269	0.261
P5Q3AU 0.318	0.327	0.311	0.274	0.353
P5Q3AZ 0.503	0.443	0.536	0.423	0.657
P5Q3BB1 0.374	0.244	0.288	0.282	0.426
P5Q3BB2 0.332	0.212	0.252	0.294	0.298
P5Q3BB5 0.252	0.226	0.259	0.183	0.273
P5Q3BB6 0.357	0.261	0.261	0.240	0.342
P5Q3BB7 0.345	0.266	0.291	0.258	0.373
P5Q3X 0.282	0.284	0.333	0.320	0.243
P5Q3AA 0.251	0.182	0.297	0.284	0.183
P5Q3AL 0.248	0.230	0.305	0.275	0.180
P5Q3AP 0.296	0.270	0.318	0.384	0.304
P5Q3BI 0.192	0.231	0.259	0.287	0.198
P5Q3BZ 0.436	0.334	0.427	0.485	0.346
P5Q3CJ 0.445	0.352	0.431	0.388	0.324
P5Q3C 0.183	0.160	0.150	0.201	0.225
P5Q30 0.412	0.342	0.359	0.389	0.329
P5Q3R 0.320	0.222	0.298	0.283	0.300
P5Q3S 0.378	0.313	0.383	0.333	0.240
P5Q3T 0.336	0.311	0.327	0.306	0.292
P5Q3U 0.253	0.169	0.229	0.275	0.257
P5Q3V 0.250	0.168	0.248	0.264	0.160
P5Q3AJ 0.335	0.331	0.307	0.244	0.232
P5Q3BC 0.509	0.372	0.424	0.428	0.391
P5Q3BN 0.350	0.270	0.356	0.335	0.319

P5Q3CF 0.394	0.304	0.400	0.378	0.347
P5Q3CG 0.490	0.401	0.446	0.469	0.385
P5Q3CH 0.450	0.330	0.447	0.375	0.452
P5Q3CI 0.457	0.392	0.443	0.429	0.484
P5Q3CN 0.385	0.283	0.289	0.305	0.270
P5Q3C0 0.355	0.250	0.313	0.304	0.295
P5Q3CQ 0.434	0.311	0.433	0.405	0.427
P5Q3CW 0.308	0.262	0.258	0.267	0.371

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AS	P5Q3AU	P5Q3AZ	P5Q3BB1
P5Q3BB2				
P5Q3AU	0.311			
P5Q3AZ	0.353	0.343		
P5Q3BB1	0.296	0.412	0.529	
P5Q3BB2	0.288	0.313	0.437	0.657
P5Q3BB5 0.395	0.205	0.250	0.366	0.411
P5Q3BB6 0.633	0.317	0.464	0.449	0.687
P5Q3BB7 0.543	0.288	0.363	0.446	0.582
P5Q3X 0.118	0.157	0.214	0.351	0.182
P5Q3AA 0.154	0.263	0.155	0.272	0.209
P5Q3AL 0.248	0.243	0.265	0.313	0.260
P5Q3AP 0.177	0.294	0.229	0.323	0.242
P5Q3BI 0.173	0.204	0.122	0.243	0.158
P5Q3BZ 0.240	0.326	0.303	0.373	0.240
P5Q3CJ 0.228	0.321	0.322	0.414	0.358
P5Q3C 0.175	0.268	0.211	0.228	0.253
P5Q30	0.256	0.275	0.371	0.245

0.198				
P5Q3R	0.304	0.235	0.350	0.258
0.149				
P5Q3S	0.287	0.191	0.397	0.238
0.161				
P5Q3T	0.270	0.184	0.398	0.288
0.176				
P5Q3U	0.243	0.199	0.250	0.254
0.144				
P5Q3V	0.203	0.106	0.292	0.169
0.126				
P5Q3AJ	0.309	0.245	0.356	0.209
0.183				
P5Q3BC	0.341	0.382	0.475	0.289
0.262				
P5Q3BN	0.278	0.227	0.414	0.298
0.223				
P5Q3CF	0.336	0.270	0.350	0.324
0.259				
P5Q3CG	0.347	0.278	0.458	0.324
0.314				
P5Q3CH	0.367	0.322	0.469	0.406
0.320				
P5Q3CI	0.317	0.354	0.452	0.347
0.268				
P5Q3CN	0.259	0.245	0.299	0.257
0.224				
P5Q3C0	0.269	0.256	0.283	0.280
0.201				
P5Q3CQ	0.324	0.308	0.446	0.286
0.247				
P5Q3CW	0.281	0.269	0.435	0.264
0.215				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3BB5	P5Q3BB6	P5Q3BB7	P5Q3X
P5Q3AA				
P5Q3BB6	0.479			
P5Q3BB7	0.423	0.738		
P5Q3X	0.135	0.138	0.202	
P5Q3AA	0.107	0.164	0.197	0.443
P5Q3AL	0.158	0.250	0.281	0.363
0.568				
P5Q3AP	0.200	0.240	0.212	0.431
0.603				
P5Q3BI	0.168	0.219	0.233	0.203
0.274				

P5Q3BZ 0.519	0.240	0.200	0.331	0.412
P5Q3CJ 0.479	0.185	0.289	0.360	0.405
P5Q3C 0.436	0.121	0.232	0.141	0.285
P5Q30 0.527	0.171	0.243	0.282	0.514
P5Q3R 0.400	0.158	0.238	0.162	0.335
P5Q3S 0.553	0.168	0.197	0.234	0.462
P5Q3T 0.555	0.228	0.218	0.300	0.475
P5Q3U 0.710	0.120	0.218	0.176	0.390
P5Q3V 0.733	0.138	0.137	0.194	0.401
P5Q3AJ 0.584	0.240	0.194	0.282	0.421
P5Q3BC 0.511	0.282	0.285	0.450	0.459
P5Q3BN 0.419	0.184	0.294	0.222	0.397
P5Q3CF 0.468	0.198	0.306	0.277	0.355
P5Q3CG 0.380	0.253	0.338	0.265	0.418
P5Q3CH 0.334	0.218	0.342	0.301	0.364
P5Q3CI 0.257	0.253	0.314	0.382	0.384
P5Q3CN 0.440	0.197	0.246	0.274	0.363
P5Q3C0 0.517	0.163	0.287	0.219	0.413
P5Q3CQ 0.600	0.200	0.342	0.354	0.501
P5Q3CW 0.415	0.215	0.287	0.250	0.361

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3AL	P5Q3AP	P5Q3BI	P5Q3BZ
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P5Q3CJ

P5Q3AP	0.488			
P5Q3BI	0.290	0.243		
P5Q3BZ	0.463	0.624	0.229	

P5Q3CJ	0.494	0.500	0.232	0.605
P5Q3C	0.305	0.386	0.228	0.294
0.400				
P5Q30	0.478	0.512	0.241	0.570
0.518				
P5Q3R	0.285	0.358	0.271	0.381
0.296				
P5Q3S	0.495	0.545	0.233	0.559
0.518				
P5Q3T	0.443	0.574	0.206	0.603
0.543				
P5Q3U	0.417	0.530	0.226	0.459
0.446				
P5Q3V	0.570	0.533	0.276	0.500
0.437				
P5Q3AJ	0.613	0.484	0.263	0.513
0.565				
P5Q3BC	0.474	0.495	0.269	0.580
0.674				
P5Q3BN	0.267	0.424	0.239	0.423
0.508				
P5Q3CF	0.340	0.447	0.292	0.433
0.482				
P5Q3CG	0.314	0.391	0.290	0.470
0.517				
P5Q3CH	0.283	0.392	0.198	0.431
0.458				
P5Q3CI	0.308	0.411	0.272	0.499
0.486				
P5Q3CN	0.408	0.466	0.347	0.416
0.457				
P5Q3C0	0.364	0.439	0.265	0.430
0.558				
P5Q3CQ	0.501	0.515	0.314	0.621
0.639				
P5Q3CW	0.340	0.392	0.290	0.447
0.466				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3C	P5Q30	P5Q3R	P5Q3S
P5Q3T				
P5Q30	0.490			
P5Q3R	0.422	0.473		
P5Q3S	0.352	0.636	0.548	
P5Q3T	0.390	0.623	0.453	0.821
P5Q3U	0.539	0.542	0.433	0.513
0.556				

P5Q3V 0.537	0.375	0.536	0.368	0.517
P5Q3AJ 0.565	0.399	0.637	0.448	0.514
P5Q3BC 0.639	0.400	0.682	0.435	0.578
P5Q3BN 0.505	0.502	0.463	0.428	0.472
P5Q3CF 0.441	0.504	0.514	0.453	0.443
P5Q3CG 0.466	0.387	0.507	0.450	0.484
P5Q3CH 0.399	0.390	0.341	0.413	0.408
P5Q3CI 0.365	0.207	0.360	0.356	0.358
P5Q3CN 0.459	0.407	0.570	0.433	0.404
P5Q3C0 0.542	0.526	0.533	0.470	0.505
P5Q3CQ 0.646	0.467	0.697	0.440	0.542
P5Q3CW 0.454	0.375	0.415	0.443	0.431

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	P5Q3U	P5Q3V	P5Q3AJ	P5Q3BC
P5Q3BN				
P5Q3V	0.732			
P5Q3AJ	0.425	0.658		
P5Q3BC	0.494	0.520	0.709	
P5Q3BN	0.470	0.311	0.432	0.543
P5Q3CF	0.521	0.389	0.394	0.516
0.525				
P5Q3CG	0.381	0.332	0.438	0.589
0.537				
P5Q3CH	0.442	0.278	0.323	0.416
0.488				
P5Q3CI	0.268	0.233	0.349	0.456
0.417				
P5Q3CN	0.389	0.382	0.522	0.541
0.466				
P5Q3C0	0.564	0.463	0.565	0.626
0.641				
P5Q3CQ	0.554	0.544	0.684	0.794
0.611				
P5Q3CW	0.385	0.341	0.409	0.474

0.553

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
	P5Q3CF	P5Q3CG	P5Q3CH	P5Q3CI
P5Q3CN				
P5Q3CG	0.635			
P5Q3CH	0.565	0.615		
P5Q3CI	0.423	0.534	0.549	
P5Q3CN	0.457	0.454	0.379	0.446
P5Q3C0	0.653	0.590	0.516	0.412
0.527				
P5Q3CQ	0.579	0.565	0.504	0.517
0.608				
P5Q3CW	0.466	0.498	0.375	0.443
0.479				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)		
	P5Q3C0	P5Q3CQ
P5Q3CQ	0.702	
P5Q3CW	0.529	0.523

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Percentiles	Sample Size	Mean/ Variance Median	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max
20%/60%	40%/80%				
THREATCOMP		0.007	1.935	-1.128	0.03%
-0.424	-0.211	-0.098			
	3722.000	0.295	10.691	7.103	0.03%
0.024	0.366				
DEPCOMP		0.008	1.308	-1.473	0.03%
-0.426	-0.192	-0.076			
	3722.000	0.288	3.893	4.020	0.03%
0.058	0.384				

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 327

Chi-Square Test of Model Fit

Value	30904.556*
Degrees of Freedom	4356
P-Value	0.0000

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.040
90 Percent C.I.	0.040 0.041
Probability RMSEA <= .05	1.000

CFI/TLI

CFI	0.721
TLI	0.714

Chi-Square Test of Model Fit for the Baseline Model

Value	99467.612
Degrees of Freedom	4464
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.127
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Optimum Function Value for Weighted Least-Squares Estimator

Value	0.10740878D+02
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MODEL RESULTS

Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
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INTERNAL BY

K6D2AG_R	0.758	0.011	70.521	0.000
K6D2AI_R	0.571	0.015	36.914	0.000
K6D2D_R	0.635	0.014	44.432	0.000
K6D2J_R	0.576	0.014	40.436	0.000
K6D2T_R	0.672	0.014	48.794	0.000
K6D2AC_R	0.852	0.010	84.843	0.000
K6D2AK_R	0.543	0.016	33.743	0.000
K6D2C_R	0.590	0.015	39.443	0.000
K6D2N_R	0.822	0.010	84.753	0.000
K6D2X_R	0.743	0.016	46.258	0.000

EXTERN BY

K6D2A_R	0.486	0.016	30.155	0.000
K6D2P_R	0.688	0.013	54.213	0.000
K6D2R_R	0.530	0.016	33.785	0.000
K6D2Z_R	0.564	0.015	37.013	0.000
K6D2AB_R	0.570	0.014	40.359	0.000
K6D2AJ_R	0.718	0.012	57.768	0.000
K6D61C	0.841	0.013	64.266	0.000
K6D61D	0.616	0.016	39.615	0.000
K6D61E	0.610	0.022	28.041	0.000
K6D61K	0.830	0.012	67.955	0.000
K6D61L	0.542	0.021	25.788	0.000
K6D61M	0.446	0.020	22.114	0.000
K6D40_R	0.608	0.026	23.503	0.000
K6D48_R	0.540	0.021	25.530	0.000
K6F63_R	0.564	0.019	29.142	0.000
K6F68_R	0.633	0.039	16.154	0.000
K6F74_R	0.610	0.034	17.777	0.000

PAF BY

K6D2B_R	0.755	0.014	54.122	0.000
K6D2F_R	0.658	0.014	47.717	0.000
K6D2G_R	0.409	0.024	17.317	0.000
K6D2I_R	0.504	0.016	30.712	0.000
K6D2K_R	0.584	0.015	39.204	0.000
K6D2L_R	0.703	0.020	35.847	0.000
K6D2M_R	0.599	0.015	40.463	0.000
K6D2O_R	0.578	0.015	38.933	0.000
K6D2S_R	0.874	0.010	91.704	0.000
K6D2V_R	0.598	0.016	37.738	0.000
K6D2W_R	0.668	0.013	49.740	0.000
K6D2Y_R	0.643	0.017	38.206	0.000
K6D2AA_R	0.701	0.013	52.164	0.000
K6D2AE_R	0.483	0.016	30.183	0.000
K6D2AF_R	0.608	0.019	32.270	0.000
K6D2AH_R	0.486	0.018	27.063	0.000

INCBCL BY

P5Q3M	0.510	0.024	21.722	0.000
P5Q3AB	0.454	0.020	22.229	0.000
P5Q3AD	0.609	0.022	27.890	0.000
P5Q3AF	0.670	0.021	32.653	0.000
P5Q3AH	0.770	0.023	33.666	0.000
P5Q3AR	0.595	0.025	24.195	0.000
P5Q3AV	0.723	0.019	37.617	0.000
P5Q3AX	0.776	0.024	32.064	0.000
P5Q3BQ	0.560	0.018	31.172	0.000
P5Q3CK	0.765	0.036	21.418	0.000
P5Q3DB	0.570	0.019	29.994	0.000
P5Q3E	0.426	0.027	15.786	0.000
P5Q3A0	0.575	0.022	26.039	0.000
P5Q3BK	0.610	0.024	25.298	0.000
P5Q3B0	0.543	0.021	25.418	0.000
P5Q3CU	0.637	0.026	24.399	0.000
P5Q3DA	0.694	0.023	29.822	0.000
P5Q3AS	0.537	0.020	26.851	0.000
P5Q3AU	0.541	0.030	17.997	0.000
P5Q3AZ	0.739	0.023	32.303	0.000
P5Q3BB1	0.689	0.022	30.716	0.000
P5Q3BB2	0.562	0.021	26.966	0.000
P5Q3BB5	0.437	0.026	16.546	0.000
P5Q3BB6	0.704	0.018	39.468	0.000
P5Q3BB7	0.654	0.030	21.504	0.000

EXCBCL BY

P5Q3X	0.578	0.019	30.144	0.000
P5Q3AA	0.773	0.011	72.499	0.000
P5Q3AL	0.615	0.023	27.292	0.000
P5Q3AP	0.689	0.015	46.791	0.000
P5Q3BI	0.372	0.021	17.927	0.000
P5Q3BZ	0.706	0.029	24.542	0.000
P5Q3CJ	0.709	0.022	31.686	0.000
P5Q3C	0.595	0.016	37.773	0.000
P5Q30	0.760	0.016	47.989	0.000
P5Q3R	0.596	0.016	37.510	0.000
P5Q3S	0.782	0.014	57.793	0.000
P5Q3T	0.797	0.013	63.036	0.000
P5Q3U	0.752	0.011	69.465	0.000
P5Q3V	0.747	0.013	58.488	0.000
P5Q3AJ	0.746	0.019	39.867	0.000
P5Q3BC	0.802	0.020	40.285	0.000
P5Q3BN	0.684	0.017	40.040	0.000
P5Q3CF	0.707	0.014	50.647	0.000
P5Q3CG	0.687	0.015	46.386	0.000
P5Q3CH	0.608	0.021	28.854	0.000
P5Q3CI	0.557	0.027	20.493	0.000
P5Q3CN	0.653	0.019	34.435	0.000

P5Q3C0	0.768	0.012	63.536	0.000
P5Q3CQ	0.851	0.020	42.808	0.000
P5Q3CW	0.623	0.018	34.254	0.000
EXTERN ON EXCBCL	0.220	0.022	10.050	0.000
INTERNAL ON INCBCL	0.150	0.026	5.822	0.000
INCBCL ON DEPCOMP	0.413	0.046	8.966	0.000
THREATCOMP	0.225	0.046	4.873	0.000
EXCBCL ON DEPCOMP	0.238	0.041	5.771	0.000
THREATCOMP	0.562	0.042	13.281	0.000
EXTERN ON THREATCOMP	0.240	0.039	6.187	0.000
DEPCOMP	0.037	0.039	0.937	0.349
INTERNAL ON THREATCOMP	0.079	0.038	2.054	0.040
DEPCOMP	0.095	0.039	2.423	0.015
PAF ON THREATCOMP	-0.005	0.038	-0.133	0.894
DEPCOMP	-0.219	0.038	-5.692	0.000
EXTERN WITH INTERNALIZ	0.490	0.017	29.192	0.000
PAF WITH INTERNALIZ	-0.610	0.015	-42.067	0.000
EXTERN	-0.267	0.019	-13.931	0.000
Thresholds				
K6D2AG_R\$1	0.140	0.022	6.507	0.000
K6D2AG_R\$2	0.670	0.023	28.697	0.000
K6D2AG_R\$3	1.647	0.036	45.374	0.000
K6D2AI_R\$1	0.190	0.022	8.773	0.000
K6D2AI_R\$2	0.727	0.024	30.750	0.000
K6D2AI_R\$3	1.458	0.032	45.481	0.000
K6D2D_R\$1	0.239	0.022	10.977	0.000
K6D2D_R\$2	0.774	0.024	32.178	0.000
K6D2D_R\$3	1.596	0.035	45.424	0.000
K6D2J_R\$1	-0.484	0.023	-21.454	0.000
K6D2J_R\$2	0.214	0.022	9.812	0.000
K6D2J_R\$3	1.384	0.031	44.408	0.000

K6D2T_R\$1	0.374	0.022	16.996	0.000
K6D2T_R\$2	0.807	0.024	33.372	0.000
K6D2T_R\$3	1.585	0.035	45.541	0.000
K6D2AC_R\$1	0.502	0.023	22.257	0.000
K6D2AC_R\$2	0.939	0.025	37.039	0.000
K6D2AC_R\$3	1.793	0.040	44.411	0.000
K6D2AK_R\$1	-0.011	0.021	-0.529	0.597
K6D2AK_R\$2	0.520	0.023	23.039	0.000
K6D2AK_R\$3	1.385	0.031	44.750	0.000
K6D2C_R\$1	-0.270	0.022	-12.325	0.000
K6D2C_R\$2	0.208	0.022	9.512	0.000
K6D2C_R\$3	1.210	0.028	42.543	0.000
K6D2N_R\$1	0.220	0.022	10.119	0.000
K6D2N_R\$2	0.794	0.024	32.833	0.000
K6D2N_R\$3	1.741	0.039	44.885	0.000
K6D2X_R\$1	1.015	0.026	38.899	0.000
K6D2X_R\$2	1.426	0.032	44.895	0.000
K6D2X_R\$3	2.151	0.054	39.897	0.000
K6D2A_R\$1	-0.929	0.025	-36.887	0.000
K6D2A_R\$2	-0.343	0.022	-15.648	0.000
K6D2A_R\$3	0.929	0.025	36.829	0.000
K6D2P_R\$1	-0.648	0.023	-28.004	0.000
K6D2P_R\$2	-0.049	0.022	-2.277	0.023
K6D2P_R\$3	1.055	0.026	39.861	0.000
K6D2R_R\$1	-0.930	0.025	-36.972	0.000
K6D2R_R\$2	-0.206	0.022	-9.476	0.000
K6D2R_R\$3	1.070	0.027	40.096	0.000
K6D2Z_R\$1	-0.874	0.025	-35.384	0.000
K6D2Z_R\$2	-0.258	0.022	-11.810	0.000
K6D2Z_R\$3	1.021	0.026	39.281	0.000
K6D2AB_R\$1	-0.814	0.024	-33.581	0.000
K6D2AB_R\$2	-0.174	0.022	-8.043	0.000
K6D2AB_R\$3	0.848	0.025	34.492	0.000
K6D2AJ_R\$1	-0.232	0.022	-10.679	0.000
K6D2AJ_R\$2	0.281	0.022	12.828	0.000
K6D2AJ_R\$3	1.182	0.028	42.368	0.000
K6D61C\$1	1.424	0.032	44.373	0.000
K6D61C\$2	2.199	0.056	39.596	0.000
K6D61C\$3	2.504	0.073	34.502	0.000
K6D61D\$1	0.694	0.024	29.177	0.000
K6D61D\$2	1.582	0.034	45.874	0.000
K6D61D\$3	2.005	0.046	43.348	0.000
K6D61E\$1	1.323	0.030	43.493	0.000
K6D61E\$2	2.124	0.053	40.272	0.000
K6D61E\$3	2.493	0.075	33.363	0.000
K6D61K\$1	1.365	0.031	44.036	0.000
K6D61K\$2	2.178	0.055	39.485	0.000
K6D61K\$3	2.433	0.070	34.864	0.000
K6D61L\$1	1.176	0.028	41.508	0.000
K6D61L\$2	2.014	0.047	42.463	0.000

K6D61L\$3	2.354	0.065	36.137	0.000
K6D61M\$1	0.626	0.023	27.005	0.000
K6D61M\$2	1.521	0.033	45.686	0.000
K6D61M\$3	1.899	0.043	44.031	0.000
K6D40_R\$1	1.622	0.036	44.924	0.000
K6D48_R\$1	0.964	0.026	37.658	0.000
K6F63_R\$1	0.801	0.024	32.743	0.000
K6F68_R\$1	2.193	0.057	38.638	0.000
K6F74_R\$1	2.098	0.053	39.627	0.000
K6D2B_R\$1	-2.068	0.050	-41.418	0.000
K6D2B_R\$2	-1.663	0.036	-45.628	0.000
K6D2B_R\$3	-0.675	0.023	-28.876	0.000
K6D2F_R\$1	-1.885	0.043	-43.880	0.000
K6D2F_R\$2	-1.397	0.031	-44.871	0.000
K6D2F_R\$3	-0.144	0.022	-6.681	0.000
K6D2G_R\$1	-2.194	0.055	-39.701	0.000
K6D2G_R\$2	-1.938	0.044	-43.620	0.000
K6D2G_R\$3	-0.932	0.025	-36.764	0.000
K6D2I_R\$1	-1.909	0.044	-43.512	0.000
K6D2I_R\$2	-1.233	0.029	-43.070	0.000
K6D2I_R\$3	0.133	0.022	6.180	0.000
K6D2K_R\$1	-2.040	0.049	-41.799	0.000
K6D2K_R\$2	-1.354	0.030	-44.550	0.000
K6D2K_R\$3	0.045	0.021	2.080	0.038
K6D2L_R\$1	-2.536	0.078	-32.369	0.000
K6D2L_R\$2	-2.166	0.054	-40.002	0.000
K6D2L_R\$3	-1.227	0.029	-42.779	0.000
K6D2M_R\$1	-2.271	0.061	-37.395	0.000
K6D2M_R\$2	-1.593	0.035	-45.539	0.000
K6D2M_R\$3	-0.003	0.021	-0.122	0.903
K6D2O_R\$1	-1.504	0.033	-45.460	0.000
K6D2O_R\$2	-1.187	0.028	-42.594	0.000
K6D2O_R\$3	-0.269	0.022	-12.319	0.000
K6D2S_R\$1	-2.181	0.056	-39.120	0.000
K6D2S_R\$2	-1.623	0.036	-45.693	0.000
K6D2S_R\$3	-0.411	0.022	-18.507	0.000
K6D2V_R\$1	-2.380	0.067	-35.408	0.000
K6D2V_R\$2	-1.893	0.043	-43.889	0.000
K6D2V_R\$3	-0.303	0.022	-13.858	0.000
K6D2W_R\$1	-2.132	0.053	-40.104	0.000
K6D2W_R\$2	-1.441	0.032	-45.316	0.000
K6D2W_R\$3	-0.174	0.022	-8.056	0.000
K6D2Y_R\$1	-2.144	0.053	-40.394	0.000
K6D2Y_R\$2	-1.658	0.036	-45.557	0.000
K6D2Y_R\$3	-0.678	0.023	-28.920	0.000
K6D2AA_R\$1	-2.178	0.055	-39.851	0.000
K6D2AA_R\$2	-1.646	0.036	-45.880	0.000
K6D2AA_R\$3	-0.432	0.022	-19.396	0.000
K6D2AE_R\$1	-1.876	0.043	-43.858	0.000
K6D2AE_R\$2	-1.166	0.028	-42.044	0.000

K6D2AE_R\$3	0.309	0.022	14.142	0.000
K6D2AF_R\$1	-2.261	0.060	-37.846	0.000
K6D2AF_R\$2	-1.928	0.044	-43.355	0.000
K6D2AF_R\$3	-0.818	0.024	-33.642	0.000
K6D2AH_R\$1	-1.875	0.043	-43.548	0.000
K6D2AH_R\$2	-1.483	0.033	-45.062	0.000
K6D2AH_R\$3	-0.267	0.022	-12.183	0.000
P5Q3M\$1	0.977	0.027	36.874	0.000
P5Q3M\$2	2.040	0.049	41.525	0.000
P5Q3AB\$1	0.495	0.023	21.583	0.000
P5Q3AB\$2	1.919	0.045	43.063	0.000
P5Q3AD\$1	1.092	0.028	39.494	0.000
P5Q3AD\$2	2.181	0.055	39.955	0.000
P5Q3AF\$1	1.239	0.030	41.265	0.000
P5Q3AF\$2	2.385	0.064	37.454	0.000
P5Q3AH\$1	1.634	0.037	44.099	0.000
P5Q3AH\$2	2.542	0.078	32.605	0.000
P5Q3AR\$1	1.318	0.031	42.954	0.000
P5Q3AR\$2	2.342	0.064	36.413	0.000
P5Q3AV\$1	1.195	0.029	41.620	0.000
P5Q3AV\$2	2.284	0.061	37.397	0.000
P5Q3AX\$1	1.631	0.038	43.434	0.000
P5Q3AX\$2	2.701	0.092	29.294	0.000
P5Q3BQ\$1	0.279	0.022	12.537	0.000
P5Q3BQ\$2	1.898	0.044	43.581	0.000
P5Q3CK\$1	2.083	0.055	37.992	0.000
P5Q3CK\$2	2.667	0.093	28.775	0.000
P5Q3DB\$1	0.464	0.023	20.340	0.000
P5Q3DB\$2	1.870	0.043	43.172	0.000
P5Q3E\$1	1.059	0.028	38.361	0.000
P5Q3E\$2	1.993	0.046	43.408	0.000
P5Q3A0\$1	1.033	0.027	38.231	0.000
P5Q3A0\$2	2.146	0.053	40.413	0.000
P5Q3BK\$1	1.234	0.030	41.549	0.000
P5Q3BK\$2	2.416	0.069	34.833	0.000
P5Q3B0\$1	0.894	0.026	34.627	0.000
P5Q3B0\$2	2.251	0.056	40.291	0.000
P5Q3CU\$1	1.414	0.033	43.456	0.000
P5Q3CU\$2	2.334	0.064	36.683	0.000
P5Q3DA\$1	1.371	0.032	42.817	0.000
P5Q3DA\$2	2.555	0.079	32.373	0.000
P5Q3AS\$1	0.771	0.024	31.477	0.000
P5Q3AS\$2	2.447	0.072	33.862	0.000
P5Q3AU\$1	1.441	0.033	43.644	0.000
P5Q3AU\$2	2.371	0.067	35.399	0.000
P5Q3AZ\$1	1.535	0.035	43.371	0.000
P5Q3AZ\$2	2.450	0.069	35.749	0.000
P5Q3BB1\$1	1.340	0.031	43.273	0.000
P5Q3BB1\$2	2.417	0.071	33.830	0.000
P5Q3BB2\$1	0.909	0.026	35.392	0.000

P5Q3BB2\$2	2.186	0.056	38.889	0.000
P5Q3BB5\$1	1.106	0.028	39.826	0.000
P5Q3BB5\$2	2.004	0.048	41.828	0.000
P5Q3BB6\$1	1.163	0.028	40.865	0.000
P5Q3BB6\$2	2.449	0.072	34.083	0.000
P5Q3BB7\$1	1.642	0.038	43.714	0.000
P5Q3BB7\$2	2.527	0.080	31.514	0.000
P5Q3X\$1	0.796	0.025	31.667	0.000
P5Q3X\$2	1.971	0.045	44.094	0.000
P5Q3AA\$1	0.163	0.022	7.294	0.000
P5Q3AA\$2	1.998	0.046	43.356	0.000
P5Q3AL\$1	1.266	0.031	40.878	0.000
P5Q3AL\$2	2.495	0.070	35.552	0.000
P5Q3AP\$1	0.563	0.024	23.587	0.000
P5Q3AP\$2	2.219	0.053	41.752	0.000
P5Q3BI\$1	0.257	0.022	11.607	0.000
P5Q3BI\$2	1.613	0.035	45.590	0.000
P5Q3BZ\$1	1.783	0.043	41.114	0.000
P5Q3BZ\$2	2.480	0.072	34.626	0.000
P5Q3CJ\$1	1.582	0.037	42.357	0.000
P5Q3CJ\$2	2.629	0.083	31.763	0.000
P5Q3C\$1	0.022	0.022	0.983	0.326
P5Q3C\$2	1.356	0.031	43.795	0.000
P5Q30\$1	1.153	0.029	39.692	0.000
P5Q30\$2	2.200	0.055	39.908	0.000
P5Q3R\$1	0.267	0.022	11.977	0.000
P5Q3R\$2	1.423	0.032	44.804	0.000
P5Q3S\$1	1.069	0.028	38.244	0.000
P5Q3S\$2	2.021	0.047	42.983	0.000
P5Q3T\$1	1.057	0.028	37.795	0.000
P5Q3T\$2	2.234	0.055	40.508	0.000
P5Q3U\$1	0.084	0.022	3.804	0.000
P5Q3U\$2	1.950	0.044	44.230	0.000
P5Q3V\$1	0.590	0.024	24.746	0.000
P5Q3V\$2	2.065	0.049	42.450	0.000
P5Q3AJ\$1	1.446	0.035	41.868	0.000
P5Q3AJ\$2	2.383	0.065	36.881	0.000
P5Q3BC\$1	1.672	0.040	42.338	0.000
P5Q3BC\$2	2.518	0.074	33.882	0.000
P5Q3BN\$1	0.954	0.027	35.980	0.000
P5Q3BN\$2	2.058	0.048	42.661	0.000
P5Q3CF\$1	0.494	0.023	21.344	0.000
P5Q3CF\$2	1.955	0.044	43.951	0.000
P5Q3CG\$1	0.638	0.024	26.497	0.000
P5Q3CG\$2	2.111	0.049	42.639	0.000
P5Q3CH\$1	1.127	0.028	39.908	0.000
P5Q3CH\$2	2.345	0.065	35.912	0.000
P5Q3CI\$1	1.334	0.031	42.355	0.000
P5Q3CI\$2	2.520	0.074	34.278	0.000
P5Q3CN\$1	0.988	0.027	36.669	0.000

P5Q3CN\$2	2.266	0.057	39.591	0.000
P5Q3C0\$1	0.580	0.024	24.495	0.000
P5Q3C0\$2	1.765	0.039	45.037	0.000
P5Q3CQ\$1	1.754	0.042	42.033	0.000
P5Q3CQ\$2	2.606	0.081	32.090	0.000
P5Q3CW\$1	0.825	0.025	32.487	0.000
P5Q3CW\$2	1.937	0.045	42.774	0.000

Residual Variances

INTERNALIZ	1.000	0.000	999.000	999.000
EXTERN	1.000	0.000	999.000	999.000
PAF	1.000	0.000	999.000	999.000
INCBCL	1.000	0.000	999.000	999.000
EXCBCL	1.000	0.000	999.000	999.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
INTERNAL BY				
K6D2AG_R	0.769	0.010	73.439	0.000
K6D2AI_R	0.580	0.016	37.308	0.000
K6D2D_R	0.645	0.014	45.129	0.000
K6D2J_R	0.586	0.014	41.039	0.000
K6D2T_R	0.682	0.014	49.653	0.000
K6D2AC_R	0.863	0.010	89.622	0.000
K6D2AK_R	0.551	0.016	34.069	0.000
K6D2C_R	0.599	0.015	39.888	0.000
K6D2N_R	0.833	0.009	89.429	0.000
K6D2X_R	0.754	0.016	47.174	0.000
EXTERN BY				
K6D2A_R	0.506	0.017	30.641	0.000
K6D2P_R	0.712	0.012	57.244	0.000
K6D2R_R	0.551	0.016	34.907	0.000
K6D2Z_R	0.587	0.015	38.148	0.000
K6D2AB_R	0.592	0.014	41.381	0.000
K6D2AJ_R	0.742	0.012	61.094	0.000
K6D61C	0.866	0.012	70.277	0.000
K6D61D	0.639	0.016	40.338	0.000
K6D61E	0.633	0.022	28.491	0.000
K6D61K	0.855	0.012	71.703	0.000
K6D61L	0.563	0.021	26.382	0.000
K6D61M	0.465	0.021	22.409	0.000
K6D40_R	0.631	0.027	23.743	0.000

K6D48_R	0.561	0.022	25.984	0.000
K6F63_R	0.586	0.020	29.620	0.000
K6F68_R	0.656	0.040	16.497	0.000
K6F74_R	0.633	0.035	18.057	0.000
PAF	BY			
K6D2B_R	0.757	0.014	54.539	0.000
K6D2F_R	0.660	0.014	48.014	0.000
K6D2G_R	0.412	0.024	17.357	0.000
K6D2I_R	0.507	0.016	30.816	0.000
K6D2K_R	0.587	0.015	39.386	0.000
K6D2L_R	0.705	0.020	36.111	0.000
K6D2M_R	0.602	0.015	40.696	0.000
K6D2O_R	0.581	0.015	39.179	0.000
K6D2S_R	0.876	0.009	92.734	0.000
K6D2V_R	0.601	0.016	37.903	0.000
K6D2W_R	0.670	0.013	50.050	0.000
K6D2Y_R	0.646	0.017	38.439	0.000
K6D2AA_R	0.703	0.013	52.553	0.000
K6D2AE_R	0.485	0.016	30.364	0.000
K6D2AF_R	0.611	0.019	32.419	0.000
K6D2AH_R	0.488	0.018	27.131	0.000
INCBCL	BY			
P5Q3M	0.526	0.024	22.393	0.000
P5Q3AB	0.469	0.021	22.809	0.000
P5Q3AD	0.624	0.021	29.081	0.000
P5Q3AF	0.685	0.020	34.019	0.000
P5Q3AH	0.783	0.022	35.607	0.000
P5Q3AR	0.611	0.024	25.131	0.000
P5Q3AV	0.737	0.019	39.573	0.000
P5Q3AX	0.788	0.023	33.890	0.000
P5Q3BQ	0.576	0.018	32.125	0.000
P5Q3CK	0.778	0.034	22.579	0.000
P5Q3DB	0.586	0.019	30.977	0.000
P5Q3E	0.441	0.027	16.113	0.000
P5Q3A0	0.591	0.022	26.949	0.000
P5Q3BK	0.626	0.024	26.244	0.000
P5Q3B0	0.559	0.021	26.217	0.000
P5Q3CU	0.652	0.026	25.355	0.000
P5Q3DA	0.708	0.023	31.124	0.000
P5Q3AS	0.553	0.020	27.686	0.000
P5Q3AU	0.557	0.030	18.557	0.000
P5Q3AZ	0.753	0.022	34.125	0.000
P5Q3BB1	0.704	0.022	32.137	0.000
P5Q3BB2	0.578	0.021	27.818	0.000
P5Q3BB5	0.451	0.027	16.927	0.000
P5Q3BB6	0.719	0.017	41.449	0.000
P5Q3BB7	0.669	0.030	22.476	0.000

EXCBCL	BY				
P5Q3X		0.604	0.019	31.785	0.000
P5Q3AA		0.793	0.010	78.558	0.000
P5Q3AL		0.641	0.022	28.862	0.000
P5Q3AP		0.713	0.014	50.286	0.000
P5Q3BI		0.394	0.021	18.422	0.000
P5Q3BZ		0.729	0.028	26.459	0.000
P5Q3CJ		0.732	0.022	34.017	0.000
P5Q3C		0.621	0.016	39.816	0.000
P5Q3O		0.781	0.015	52.326	0.000
P5Q3R		0.622	0.016	39.645	0.000
P5Q3S		0.801	0.013	62.955	0.000
P5Q3T		0.816	0.012	69.045	0.000
P5Q3U		0.774	0.010	75.500	0.000
P5Q3V		0.769	0.012	63.768	0.000
P5Q3AJ		0.768	0.018	43.222	0.000
P5Q3BC		0.820	0.019	44.109	0.000
P5Q3BN		0.708	0.017	42.805	0.000
P5Q3CF		0.730	0.013	54.369	0.000
P5Q3CG		0.711	0.014	49.541	0.000
P5Q3CH		0.633	0.021	30.570	0.000
P5Q3CI		0.582	0.027	21.508	0.000
P5Q3CN		0.678	0.018	36.712	0.000
P5Q3CO		0.788	0.011	68.866	0.000
P5Q3CQ		0.866	0.018	47.289	0.000
P5Q3CW		0.648	0.018	36.475	0.000
EXTERN	ON				
EXCBCL		0.224	0.021	10.489	0.000
INTERNAL	ON				
INCBCL		0.154	0.026	5.938	0.000
INCBCL	ON				
DEPCOMP		0.213	0.023	9.252	0.000
THREATCOMP		0.117	0.024	4.918	0.000
EXCBCL	ON				
DEPCOMP		0.120	0.021	5.830	0.000
THREATCOMP		0.286	0.020	14.115	0.000
EXTERN	ON				
THREATCOMP		0.124	0.020	6.230	0.000
DEPCOMP		0.019	0.020	0.937	0.349
INTERNAL	ON				
THREATCOMP		0.042	0.020	2.055	0.040
DEPCOMP		0.050	0.021	2.424	0.015
PAF	ON				

THREATCOMP	-0.003	0.020	-0.133	0.894
DEPCOMP	-0.117	0.020	-5.745	0.000
EXTERN WITH INTERNALIZ	0.490	0.017	29.192	0.000
PAF WITH INTERNALIZ	-0.610	0.015	-42.067	0.000
EXTERN	-0.267	0.019	-13.931	0.000
Thresholds				
K6D2AG_R\$1	0.140	0.021	6.510	0.000
K6D2AG_R\$2	0.667	0.023	28.720	0.000
K6D2AG_R\$3	1.640	0.036	45.450	0.000
K6D2AI_R\$1	0.189	0.022	8.776	0.000
K6D2AI_R\$2	0.726	0.024	30.768	0.000
K6D2AI_R\$3	1.454	0.032	45.421	0.000
K6D2D_R\$1	0.238	0.022	10.982	0.000
K6D2D_R\$2	0.771	0.024	32.183	0.000
K6D2D_R\$3	1.591	0.035	45.378	0.000
K6D2J_R\$1	-0.483	0.023	-21.438	0.000
K6D2J_R\$2	0.213	0.022	9.816	0.000
K6D2J_R\$3	1.380	0.031	44.393	0.000
K6D2T_R\$1	0.373	0.022	17.016	0.000
K6D2T_R\$2	0.804	0.024	33.409	0.000
K6D2T_R\$3	1.579	0.035	45.543	0.000
K6D2AC_R\$1	0.500	0.022	22.323	0.000
K6D2AC_R\$2	0.934	0.025	37.156	0.000
K6D2AC_R\$3	1.783	0.040	44.529	0.000
K6D2AK_R\$1	-0.011	0.021	-0.529	0.597
K6D2AK_R\$2	0.519	0.023	23.043	0.000
K6D2AK_R\$3	1.382	0.031	44.709	0.000
K6D2C_R\$1	-0.269	0.022	-12.317	0.000
K6D2C_R\$2	0.207	0.022	9.514	0.000
K6D2C_R\$3	1.207	0.028	42.545	0.000
K6D2N_R\$1	0.218	0.022	10.125	0.000
K6D2N_R\$2	0.790	0.024	32.910	0.000
K6D2N_R\$3	1.732	0.039	44.945	0.000
K6D2X_R\$1	1.011	0.026	39.018	0.000
K6D2X_R\$2	1.420	0.032	44.948	0.000
K6D2X_R\$3	2.142	0.054	39.821	0.000
K6D2A_R\$1	-0.923	0.025	-36.797	0.000
K6D2A_R\$2	-0.341	0.022	-15.637	0.000
K6D2A_R\$3	0.924	0.025	36.762	0.000
K6D2P_R\$1	-0.641	0.023	-27.905	0.000
K6D2P_R\$2	-0.049	0.021	-2.277	0.023
K6D2P_R\$3	1.043	0.026	39.757	0.000
K6D2R_R\$1	-0.923	0.025	-36.844	0.000
K6D2R_R\$2	-0.204	0.022	-9.473	0.000
K6D2R_R\$3	1.063	0.027	40.002	0.000

K6D2Z_R\$1	-0.867	0.025	-35.241	0.000
K6D2Z_R\$2	-0.256	0.022	-11.802	0.000
K6D2Z_R\$3	1.013	0.026	39.180	0.000
K6D2AB_R\$1	-0.807	0.024	-33.495	0.000
K6D2AB_R\$2	-0.173	0.021	-8.040	0.000
K6D2AB_R\$3	0.841	0.024	34.423	0.000
K6D2AJ_R\$1	-0.229	0.021	-10.668	0.000
K6D2AJ_R\$2	0.278	0.022	12.836	0.000
K6D2AJ_R\$3	1.167	0.028	42.221	0.000
K6D61C\$1	1.400	0.032	44.338	0.000
K6D61C\$2	2.162	0.055	39.554	0.000
K6D61C\$3	2.461	0.072	34.217	0.000
K6D61D\$1	0.688	0.024	29.207	0.000
K6D61D\$2	1.568	0.034	45.805	0.000
K6D61D\$3	1.986	0.046	43.180	0.000
K6D61E\$1	1.311	0.030	43.427	0.000
K6D61E\$2	2.105	0.052	40.154	0.000
K6D61E\$3	2.471	0.074	33.192	0.000
K6D61K\$1	1.343	0.031	43.984	0.000
K6D61K\$2	2.142	0.054	39.319	0.000
K6D61K\$3	2.393	0.069	34.733	0.000
K6D61L\$1	1.167	0.028	41.544	0.000
K6D61L\$2	2.000	0.047	42.268	0.000
K6D61L\$3	2.337	0.065	36.025	0.000
K6D61M\$1	0.623	0.023	27.011	0.000
K6D61M\$2	1.514	0.033	45.505	0.000
K6D61M\$3	1.889	0.043	43.830	0.000
K6D40_R\$1	1.608	0.036	44.757	0.000
K6D48_R\$1	0.957	0.025	37.630	0.000
K6F63_R\$1	0.795	0.024	32.745	0.000
K6F68_R\$1	2.172	0.057	38.345	0.000
K6F74_R\$1	2.079	0.053	39.352	0.000
K6D2B_R\$1	-2.060	0.050	-41.286	0.000
K6D2B_R\$2	-1.656	0.036	-45.519	0.000
K6D2B_R\$3	-0.673	0.023	-28.888	0.000
K6D2F_R\$1	-1.879	0.043	-43.812	0.000
K6D2F_R\$2	-1.393	0.031	-44.857	0.000
K6D2F_R\$3	-0.144	0.021	-6.682	0.000
K6D2G_R\$1	-2.191	0.055	-39.677	0.000
K6D2G_R\$2	-1.936	0.044	-43.619	0.000
K6D2G_R\$3	-0.931	0.025	-36.771	0.000
K6D2I_R\$1	-1.905	0.044	-43.465	0.000
K6D2I_R\$2	-1.231	0.029	-43.041	0.000
K6D2I_R\$3	0.133	0.021	6.180	0.000
K6D2K_R\$1	-2.035	0.049	-41.783	0.000
K6D2K_R\$2	-1.351	0.030	-44.522	0.000
K6D2K_R\$3	0.045	0.021	2.080	0.038
K6D2L_R\$1	-2.527	0.078	-32.249	0.000
K6D2L_R\$2	-2.158	0.054	-39.895	0.000
K6D2L_R\$3	-1.223	0.029	-42.817	0.000

K6D2M_R\$1	-2.265	0.061	-37.357	0.000
K6D2M_R\$2	-1.589	0.035	-45.481	0.000
K6D2M_R\$3	-0.003	0.021	-0.122	0.903
K6D20_R\$1	-1.501	0.033	-45.409	0.000
K6D20_R\$2	-1.185	0.028	-42.590	0.000
K6D20_R\$3	-0.268	0.022	-12.322	0.000
K6D2S_R\$1	-2.170	0.056	-38.968	0.000
K6D2S_R\$2	-1.614	0.035	-45.564	0.000
K6D2S_R\$3	-0.409	0.022	-18.519	0.000
K6D2V_R\$1	-2.374	0.067	-35.378	0.000
K6D2V_R\$2	-1.888	0.043	-43.826	0.000
K6D2V_R\$3	-0.302	0.022	-13.858	0.000
K6D2W_R\$1	-2.125	0.053	-40.042	0.000
K6D2W_R\$2	-1.437	0.032	-45.283	0.000
K6D2W_R\$3	-0.173	0.022	-8.058	0.000
K6D2Y_R\$1	-2.138	0.053	-40.365	0.000
K6D2Y_R\$2	-1.653	0.036	-45.532	0.000
K6D2Y_R\$3	-0.676	0.023	-28.943	0.000
K6D2AA_R\$1	-2.171	0.055	-39.741	0.000
K6D2AA_R\$2	-1.640	0.036	-45.844	0.000
K6D2AA_R\$3	-0.431	0.022	-19.411	0.000
K6D2AE_R\$1	-1.873	0.043	-43.822	0.000
K6D2AE_R\$2	-1.165	0.028	-42.051	0.000
K6D2AE_R\$3	0.309	0.022	14.139	0.000
K6D2AF_R\$1	-2.255	0.060	-37.772	0.000
K6D2AF_R\$2	-1.923	0.044	-43.292	0.000
K6D2AF_R\$3	-0.816	0.024	-33.667	0.000
K6D2AH_R\$1	-1.872	0.043	-43.457	0.000
K6D2AH_R\$2	-1.481	0.033	-45.024	0.000
K6D2AH_R\$3	-0.266	0.022	-12.184	0.000
P5Q3M\$1	0.967	0.026	36.950	0.000
P5Q3M\$2	2.017	0.049	41.485	0.000
P5Q3AB\$1	0.491	0.023	21.598	0.000
P5Q3AB\$2	1.902	0.044	42.956	0.000
P5Q3AD\$1	1.075	0.027	39.538	0.000
P5Q3AD\$2	2.147	0.054	39.764	0.000
P5Q3AF\$1	1.215	0.029	41.400	0.000
P5Q3AF\$2	2.340	0.062	37.591	0.000
P5Q3AH\$1	1.594	0.036	44.231	0.000
P5Q3AH\$2	2.479	0.076	32.732	0.000
P5Q3AR\$1	1.298	0.030	42.956	0.000
P5Q3AR\$2	2.307	0.063	36.423	0.000
P5Q3AV\$1	1.169	0.028	41.627	0.000
P5Q3AV\$2	2.234	0.060	37.374	0.000
P5Q3AX\$1	1.590	0.036	43.660	0.000
P5Q3AX\$2	2.634	0.089	29.572	0.000
P5Q3BQ\$1	0.275	0.022	12.550	0.000
P5Q3BQ\$2	1.873	0.043	43.437	0.000
P5Q3CK\$1	2.032	0.053	38.014	0.000
P5Q3CK\$2	2.602	0.091	28.621	0.000

P5Q3DB\$1	0.458	0.023	20.339	0.000
P5Q3DB\$2	1.845	0.043	42.876	0.000
P5Q3E\$1	1.051	0.027	38.362	0.000
P5Q3E\$2	1.977	0.046	43.180	0.000
P5Q3A0\$1	1.019	0.027	38.293	0.000
P5Q3A0\$2	2.116	0.052	40.326	0.000
P5Q3BK\$1	1.215	0.029	41.520	0.000
P5Q3BK\$2	2.378	0.069	34.656	0.000
P5Q3B0\$1	0.883	0.025	34.638	0.000
P5Q3B0\$2	2.222	0.055	40.098	0.000
P5Q3CU\$1	1.389	0.032	43.433	0.000
P5Q3CU\$2	2.294	0.063	36.549	0.000
P5Q3DA\$1	1.344	0.031	42.877	0.000
P5Q3DA\$2	2.503	0.077	32.443	0.000
P5Q3AS\$1	0.761	0.024	31.512	0.000
P5Q3AS\$2	2.417	0.071	33.874	0.000
P5Q3AU\$1	1.423	0.033	43.604	0.000
P5Q3AU\$2	2.342	0.066	35.418	0.000
P5Q3AZ\$1	1.500	0.034	43.485	0.000
P5Q3AZ\$2	2.394	0.067	35.492	0.000
P5Q3BB1\$1	1.314	0.030	43.321	0.000
P5Q3BB1\$2	2.368	0.070	33.604	0.000
P5Q3BB2\$1	0.897	0.025	35.362	0.000
P5Q3BB2\$2	2.157	0.056	38.679	0.000
P5Q3BB5\$1	1.097	0.028	39.780	0.000
P5Q3BB5\$2	1.988	0.048	41.595	0.000
P5Q3BB6\$1	1.139	0.028	40.843	0.000
P5Q3BB6\$2	2.398	0.071	33.923	0.000
P5Q3BB7\$1	1.612	0.037	43.609	0.000
P5Q3BB7\$2	2.481	0.079	31.489	0.000
P5Q3X\$1	0.777	0.025	31.672	0.000
P5Q3X\$2	1.926	0.044	43.559	0.000
P5Q3AA\$1	0.156	0.021	7.302	0.000
P5Q3AA\$2	1.919	0.044	43.175	0.000
P5Q3AL\$1	1.233	0.030	40.823	0.000
P5Q3AL\$2	2.431	0.069	35.156	0.000
P5Q3AP\$1	0.544	0.023	23.654	0.000
P5Q3AP\$2	2.147	0.052	41.510	0.000
P5Q3BI\$1	0.255	0.022	11.610	0.000
P5Q3BI\$2	1.598	0.035	45.266	0.000
P5Q3BZ\$1	1.723	0.042	40.958	0.000
P5Q3BZ\$2	2.397	0.071	33.979	0.000
P5Q3CJ\$1	1.528	0.036	42.190	0.000
P5Q3CJ\$2	2.540	0.081	31.506	0.000
P5Q3C\$1	0.021	0.022	0.983	0.326
P5Q3C\$2	1.323	0.031	43.360	0.000
P5Q30\$1	1.108	0.028	39.983	0.000
P5Q30\$2	2.114	0.054	39.415	0.000
P5Q3R\$1	0.260	0.022	11.995	0.000
P5Q3R\$2	1.388	0.031	44.437	0.000

P5Q3S\$1	1.025	0.027	38.412	0.000
P5Q3S\$2	1.939	0.046	42.508	0.000
P5Q3T\$1	1.012	0.026	38.216	0.000
P5Q3T\$2	2.140	0.053	40.177	0.000
P5Q3U\$1	0.081	0.021	3.807	0.000
P5Q3U\$2	1.876	0.043	44.033	0.000
P5Q3V\$1	0.568	0.023	24.831	0.000
P5Q3V\$2	1.988	0.047	42.065	0.000
P5Q3AJ\$1	1.392	0.033	42.020	0.000
P5Q3AJ\$2	2.294	0.063	36.302	0.000
P5Q3BC\$1	1.601	0.038	42.489	0.000
P5Q3BC\$2	2.410	0.072	33.391	0.000
P5Q3BN\$1	0.923	0.026	36.156	0.000
P5Q3BN\$2	1.992	0.047	42.241	0.000
P5Q3CF\$1	0.478	0.022	21.430	0.000
P5Q3CF\$2	1.889	0.043	43.582	0.000
P5Q3CG\$1	0.617	0.023	26.535	0.000
P5Q3CG\$2	2.043	0.048	42.183	0.000
P5Q3CH\$1	1.099	0.028	39.773	0.000
P5Q3CH\$2	2.285	0.064	35.599	0.000
P5Q3CI\$1	1.305	0.031	42.113	0.000
P5Q3CI\$2	2.466	0.073	33.881	0.000
P5Q3CN\$1	0.959	0.026	36.721	0.000
P5Q3CN\$2	2.200	0.056	39.110	0.000
P5Q3C0\$1	0.557	0.023	24.623	0.000
P5Q3C0\$2	1.696	0.038	44.813	0.000
P5Q3CQ\$1	1.670	0.040	42.248	0.000
P5Q3CQ\$2	2.481	0.078	31.646	0.000
P5Q3CW\$1	0.803	0.025	32.548	0.000
P5Q3CW\$2	1.886	0.044	42.463	0.000

Residual Variances

INTERNALIZ	0.964	0.008	114.928	0.000
EXTERN	0.911	0.011	84.366	0.000
PAF	0.986	0.004	226.217	0.000
INCBCL	0.920	0.011	81.615	0.000
EXCBCL	0.875	0.013	69.527	0.000

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
INTERNAL BY				
K6D2AG_R	0.769	0.010	73.439	0.000
K6D2AI_R	0.580	0.016	37.308	0.000
K6D2D_R	0.645	0.014	45.129	0.000
K6D2J_R	0.586	0.014	41.039	0.000
K6D2T_R	0.682	0.014	49.653	0.000

K6D2AC_R	0.863	0.010	89.622	0.000
K6D2AK_R	0.551	0.016	34.069	0.000
K6D2C_R	0.599	0.015	39.888	0.000
K6D2N_R	0.833	0.009	89.429	0.000
K6D2X_R	0.754	0.016	47.174	0.000
EXTERN BY				
K6D2A_R	0.506	0.017	30.641	0.000
K6D2P_R	0.712	0.012	57.244	0.000
K6D2R_R	0.551	0.016	34.907	0.000
K6D2Z_R	0.587	0.015	38.148	0.000
K6D2AB_R	0.592	0.014	41.381	0.000
K6D2AJ_R	0.742	0.012	61.094	0.000
K6D61C	0.866	0.012	70.277	0.000
K6D61D	0.639	0.016	40.338	0.000
K6D61E	0.633	0.022	28.491	0.000
K6D61K	0.855	0.012	71.703	0.000
K6D61L	0.563	0.021	26.382	0.000
K6D61M	0.465	0.021	22.409	0.000
K6D40_R	0.631	0.027	23.743	0.000
K6D48_R	0.561	0.022	25.984	0.000
K6F63_R	0.586	0.020	29.620	0.000
K6F68_R	0.656	0.040	16.497	0.000
K6F74_R	0.633	0.035	18.057	0.000
PAF BY				
K6D2B_R	0.757	0.014	54.539	0.000
K6D2F_R	0.660	0.014	48.014	0.000
K6D2G_R	0.412	0.024	17.357	0.000
K6D2I_R	0.507	0.016	30.816	0.000
K6D2K_R	0.587	0.015	39.386	0.000
K6D2L_R	0.705	0.020	36.111	0.000
K6D2M_R	0.602	0.015	40.696	0.000
K6D2O_R	0.581	0.015	39.179	0.000
K6D2S_R	0.876	0.009	92.734	0.000
K6D2V_R	0.601	0.016	37.903	0.000
K6D2W_R	0.670	0.013	50.050	0.000
K6D2Y_R	0.646	0.017	38.439	0.000
K6D2AA_R	0.703	0.013	52.553	0.000
K6D2AE_R	0.485	0.016	30.364	0.000
K6D2AF_R	0.611	0.019	32.419	0.000
K6D2AH_R	0.488	0.018	27.131	0.000
INCBCL BY				
P5Q3M	0.526	0.024	22.393	0.000
P5Q3AB	0.469	0.021	22.809	0.000
P5Q3AD	0.624	0.021	29.081	0.000
P5Q3AF	0.685	0.020	34.019	0.000
P5Q3AH	0.783	0.022	35.607	0.000
P5Q3AR	0.611	0.024	25.131	0.000

P5Q3AV	0.737	0.019	39.573	0.000
P5Q3AX	0.788	0.023	33.890	0.000
P5Q3BQ	0.576	0.018	32.125	0.000
P5Q3CK	0.778	0.034	22.579	0.000
P5Q3DB	0.586	0.019	30.977	0.000
P5Q3E	0.441	0.027	16.113	0.000
P5Q3AO	0.591	0.022	26.949	0.000
P5Q3BK	0.626	0.024	26.244	0.000
P5Q3BO	0.559	0.021	26.217	0.000
P5Q3CU	0.652	0.026	25.355	0.000
P5Q3DA	0.708	0.023	31.124	0.000
P5Q3AS	0.553	0.020	27.686	0.000
P5Q3AU	0.557	0.030	18.557	0.000
P5Q3AZ	0.753	0.022	34.125	0.000
P5Q3BB1	0.704	0.022	32.137	0.000
P5Q3BB2	0.578	0.021	27.818	0.000
P5Q3BB5	0.451	0.027	16.927	0.000
P5Q3BB6	0.719	0.017	41.449	0.000
P5Q3BB7	0.669	0.030	22.476	0.000

EXCBCL BY

P5Q3X	0.604	0.019	31.785	0.000
P5Q3AA	0.793	0.010	78.558	0.000
P5Q3AL	0.641	0.022	28.862	0.000
P5Q3AP	0.713	0.014	50.286	0.000
P5Q3BI	0.394	0.021	18.422	0.000
P5Q3BZ	0.729	0.028	26.459	0.000
P5Q3CJ	0.732	0.022	34.017	0.000
P5Q3C	0.621	0.016	39.816	0.000
P5Q3O	0.781	0.015	52.326	0.000
P5Q3R	0.622	0.016	39.645	0.000
P5Q3S	0.801	0.013	62.955	0.000
P5Q3T	0.816	0.012	69.045	0.000
P5Q3U	0.774	0.010	75.500	0.000
P5Q3V	0.769	0.012	63.768	0.000
P5Q3AJ	0.768	0.018	43.222	0.000
P5Q3BC	0.820	0.019	44.109	0.000
P5Q3BN	0.708	0.017	42.805	0.000
P5Q3CF	0.730	0.013	54.369	0.000
P5Q3CG	0.711	0.014	49.541	0.000
P5Q3CH	0.633	0.021	30.570	0.000
P5Q3CI	0.582	0.027	21.508	0.000
P5Q3CN	0.678	0.018	36.712	0.000
P5Q3CO	0.788	0.011	68.866	0.000
P5Q3CQ	0.866	0.018	47.289	0.000
P5Q3CW	0.648	0.018	36.475	0.000

EXTERN ON
EXCBCL

	0.224	0.021	10.489	0.000
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INTERNAL ON INCBCL	0.154	0.026	5.938	0.000
INCBCL ON DEPCOMP	0.397	0.043	9.298	0.000
THREATCOMP	0.216	0.044	4.926	0.000
EXCBCL ON DEPCOMP	0.223	0.038	5.842	0.000
THREATCOMP	0.526	0.037	14.264	0.000
EXTERN ON THREATCOMP	0.229	0.037	6.245	0.000
DEPCOMP	0.035	0.038	0.937	0.349
INTERNAL ON THREATCOMP	0.077	0.038	2.056	0.040
DEPCOMP	0.093	0.038	2.425	0.015
PAF ON THREATCOMP	-0.005	0.037	-0.133	0.894
DEPCOMP	-0.217	0.038	-5.757	0.000
EXTERN WITH INTERNALIZ	0.490	0.017	29.192	0.000
PAF WITH INTERNALIZ	-0.610	0.015	-42.067	0.000
EXTERN	-0.267	0.019	-13.931	0.000
Thresholds				
K6D2AG_R\$1	0.140	0.021	6.510	0.000
K6D2AG_R\$2	0.667	0.023	28.720	0.000
K6D2AG_R\$3	1.640	0.036	45.450	0.000
K6D2AI_R\$1	0.189	0.022	8.776	0.000
K6D2AI_R\$2	0.726	0.024	30.768	0.000
K6D2AI_R\$3	1.454	0.032	45.421	0.000
K6D2D_R\$1	0.238	0.022	10.982	0.000
K6D2D_R\$2	0.771	0.024	32.183	0.000
K6D2D_R\$3	1.591	0.035	45.378	0.000
K6D2J_R\$1	-0.483	0.023	-21.438	0.000
K6D2J_R\$2	0.213	0.022	9.816	0.000
K6D2J_R\$3	1.380	0.031	44.393	0.000
K6D2T_R\$1	0.373	0.022	17.016	0.000
K6D2T_R\$2	0.804	0.024	33.409	0.000
K6D2T_R\$3	1.579	0.035	45.543	0.000
K6D2AC_R\$1	0.500	0.022	22.323	0.000
K6D2AC_R\$2	0.934	0.025	37.156	0.000
K6D2AC_R\$3	1.783	0.040	44.529	0.000
K6D2AK_R\$1	-0.011	0.021	-0.529	0.597

K6D2AK_R\$2	0.519	0.023	23.043	0.000
K6D2AK_R\$3	1.382	0.031	44.709	0.000
K6D2C_R\$1	-0.269	0.022	-12.317	0.000
K6D2C_R\$2	0.207	0.022	9.514	0.000
K6D2C_R\$3	1.207	0.028	42.545	0.000
K6D2N_R\$1	0.218	0.022	10.125	0.000
K6D2N_R\$2	0.790	0.024	32.910	0.000
K6D2N_R\$3	1.732	0.039	44.945	0.000
K6D2X_R\$1	1.011	0.026	39.018	0.000
K6D2X_R\$2	1.420	0.032	44.948	0.000
K6D2X_R\$3	2.142	0.054	39.821	0.000
K6D2A_R\$1	-0.923	0.025	-36.797	0.000
K6D2A_R\$2	-0.341	0.022	-15.637	0.000
K6D2A_R\$3	0.924	0.025	36.762	0.000
K6D2P_R\$1	-0.641	0.023	-27.905	0.000
K6D2P_R\$2	-0.049	0.021	-2.277	0.023
K6D2P_R\$3	1.043	0.026	39.757	0.000
K6D2R_R\$1	-0.923	0.025	-36.844	0.000
K6D2R_R\$2	-0.204	0.022	-9.473	0.000
K6D2R_R\$3	1.063	0.027	40.002	0.000
K6D2Z_R\$1	-0.867	0.025	-35.241	0.000
K6D2Z_R\$2	-0.256	0.022	-11.802	0.000
K6D2Z_R\$3	1.013	0.026	39.180	0.000
K6D2AB_R\$1	-0.807	0.024	-33.495	0.000
K6D2AB_R\$2	-0.173	0.021	-8.040	0.000
K6D2AB_R\$3	0.841	0.024	34.423	0.000
K6D2AJ_R\$1	-0.229	0.021	-10.668	0.000
K6D2AJ_R\$2	0.278	0.022	12.836	0.000
K6D2AJ_R\$3	1.167	0.028	42.221	0.000
K6D61C\$1	1.400	0.032	44.338	0.000
K6D61C\$2	2.162	0.055	39.554	0.000
K6D61C\$3	2.461	0.072	34.217	0.000
K6D61D\$1	0.688	0.024	29.207	0.000
K6D61D\$2	1.568	0.034	45.805	0.000
K6D61D\$3	1.986	0.046	43.180	0.000
K6D61E\$1	1.311	0.030	43.427	0.000
K6D61E\$2	2.105	0.052	40.154	0.000
K6D61E\$3	2.471	0.074	33.192	0.000
K6D61K\$1	1.343	0.031	43.984	0.000
K6D61K\$2	2.142	0.054	39.319	0.000
K6D61K\$3	2.393	0.069	34.733	0.000
K6D61L\$1	1.167	0.028	41.544	0.000
K6D61L\$2	2.000	0.047	42.268	0.000
K6D61L\$3	2.337	0.065	36.025	0.000
K6D61M\$1	0.623	0.023	27.011	0.000
K6D61M\$2	1.514	0.033	45.505	0.000
K6D61M\$3	1.889	0.043	43.830	0.000
K6D40_R\$1	1.608	0.036	44.757	0.000
K6D48_R\$1	0.957	0.025	37.630	0.000
K6F63_R\$1	0.795	0.024	32.745	0.000

K6F68_R\$1	2.172	0.057	38.345	0.000
K6F74_R\$1	2.079	0.053	39.352	0.000
K6D2B_R\$1	-2.060	0.050	-41.286	0.000
K6D2B_R\$2	-1.656	0.036	-45.519	0.000
K6D2B_R\$3	-0.673	0.023	-28.888	0.000
K6D2F_R\$1	-1.879	0.043	-43.812	0.000
K6D2F_R\$2	-1.393	0.031	-44.857	0.000
K6D2F_R\$3	-0.144	0.021	-6.682	0.000
K6D2G_R\$1	-2.191	0.055	-39.677	0.000
K6D2G_R\$2	-1.936	0.044	-43.619	0.000
K6D2G_R\$3	-0.931	0.025	-36.771	0.000
K6D2I_R\$1	-1.905	0.044	-43.465	0.000
K6D2I_R\$2	-1.231	0.029	-43.041	0.000
K6D2I_R\$3	0.133	0.021	6.180	0.000
K6D2K_R\$1	-2.035	0.049	-41.783	0.000
K6D2K_R\$2	-1.351	0.030	-44.522	0.000
K6D2K_R\$3	0.045	0.021	2.080	0.038
K6D2L_R\$1	-2.527	0.078	-32.249	0.000
K6D2L_R\$2	-2.158	0.054	-39.895	0.000
K6D2L_R\$3	-1.223	0.029	-42.817	0.000
K6D2M_R\$1	-2.265	0.061	-37.357	0.000
K6D2M_R\$2	-1.589	0.035	-45.481	0.000
K6D2M_R\$3	-0.003	0.021	-0.122	0.903
K6D2O_R\$1	-1.501	0.033	-45.409	0.000
K6D2O_R\$2	-1.185	0.028	-42.590	0.000
K6D2O_R\$3	-0.268	0.022	-12.322	0.000
K6D2S_R\$1	-2.170	0.056	-38.968	0.000
K6D2S_R\$2	-1.614	0.035	-45.564	0.000
K6D2S_R\$3	-0.409	0.022	-18.519	0.000
K6D2V_R\$1	-2.374	0.067	-35.378	0.000
K6D2V_R\$2	-1.888	0.043	-43.826	0.000
K6D2V_R\$3	-0.302	0.022	-13.858	0.000
K6D2W_R\$1	-2.125	0.053	-40.042	0.000
K6D2W_R\$2	-1.437	0.032	-45.283	0.000
K6D2W_R\$3	-0.173	0.022	-8.058	0.000
K6D2Y_R\$1	-2.138	0.053	-40.365	0.000
K6D2Y_R\$2	-1.653	0.036	-45.532	0.000
K6D2Y_R\$3	-0.676	0.023	-28.943	0.000
K6D2AA_R\$1	-2.171	0.055	-39.741	0.000
K6D2AA_R\$2	-1.640	0.036	-45.844	0.000
K6D2AA_R\$3	-0.431	0.022	-19.411	0.000
K6D2AE_R\$1	-1.873	0.043	-43.822	0.000
K6D2AE_R\$2	-1.165	0.028	-42.051	0.000
K6D2AE_R\$3	0.309	0.022	14.139	0.000
K6D2AF_R\$1	-2.255	0.060	-37.772	0.000
K6D2AF_R\$2	-1.923	0.044	-43.292	0.000
K6D2AF_R\$3	-0.816	0.024	-33.667	0.000
K6D2AH_R\$1	-1.872	0.043	-43.457	0.000
K6D2AH_R\$2	-1.481	0.033	-45.024	0.000
K6D2AH_R\$3	-0.266	0.022	-12.184	0.000

P5Q3M\$1	0.967	0.026	36.950	0.000
P5Q3M\$2	2.017	0.049	41.485	0.000
P5Q3AB\$1	0.491	0.023	21.598	0.000
P5Q3AB\$2	1.902	0.044	42.956	0.000
P5Q3AD\$1	1.075	0.027	39.538	0.000
P5Q3AD\$2	2.147	0.054	39.764	0.000
P5Q3AF\$1	1.215	0.029	41.400	0.000
P5Q3AF\$2	2.340	0.062	37.591	0.000
P5Q3AH\$1	1.594	0.036	44.231	0.000
P5Q3AH\$2	2.479	0.076	32.732	0.000
P5Q3AR\$1	1.298	0.030	42.956	0.000
P5Q3AR\$2	2.307	0.063	36.423	0.000
P5Q3AV\$1	1.169	0.028	41.627	0.000
P5Q3AV\$2	2.234	0.060	37.374	0.000
P5Q3AX\$1	1.590	0.036	43.660	0.000
P5Q3AX\$2	2.634	0.089	29.572	0.000
P5Q3BQ\$1	0.275	0.022	12.550	0.000
P5Q3BQ\$2	1.873	0.043	43.437	0.000
P5Q3CK\$1	2.032	0.053	38.014	0.000
P5Q3CK\$2	2.602	0.091	28.621	0.000
P5Q3DB\$1	0.458	0.023	20.339	0.000
P5Q3DB\$2	1.845	0.043	42.876	0.000
P5Q3E\$1	1.051	0.027	38.362	0.000
P5Q3E\$2	1.977	0.046	43.180	0.000
P5Q3A0\$1	1.019	0.027	38.293	0.000
P5Q3A0\$2	2.116	0.052	40.326	0.000
P5Q3BK\$1	1.215	0.029	41.520	0.000
P5Q3BK\$2	2.378	0.069	34.656	0.000
P5Q3B0\$1	0.883	0.025	34.638	0.000
P5Q3B0\$2	2.222	0.055	40.098	0.000
P5Q3CU\$1	1.389	0.032	43.433	0.000
P5Q3CU\$2	2.294	0.063	36.549	0.000
P5Q3DA\$1	1.344	0.031	42.877	0.000
P5Q3DA\$2	2.503	0.077	32.443	0.000
P5Q3AS\$1	0.761	0.024	31.512	0.000
P5Q3AS\$2	2.417	0.071	33.874	0.000
P5Q3AU\$1	1.423	0.033	43.604	0.000
P5Q3AU\$2	2.342	0.066	35.418	0.000
P5Q3AZ\$1	1.500	0.034	43.485	0.000
P5Q3AZ\$2	2.394	0.067	35.492	0.000
P5Q3BB1\$1	1.314	0.030	43.321	0.000
P5Q3BB1\$2	2.368	0.070	33.604	0.000
P5Q3BB2\$1	0.897	0.025	35.362	0.000
P5Q3BB2\$2	2.157	0.056	38.679	0.000
P5Q3BB5\$1	1.097	0.028	39.780	0.000
P5Q3BB5\$2	1.988	0.048	41.595	0.000
P5Q3BB6\$1	1.139	0.028	40.843	0.000
P5Q3BB6\$2	2.398	0.071	33.923	0.000
P5Q3BB7\$1	1.612	0.037	43.609	0.000
P5Q3BB7\$2	2.481	0.079	31.489	0.000

P5Q3X\$1	0.777	0.025	31.672	0.000
P5Q3X\$2	1.926	0.044	43.559	0.000
P5Q3AA\$1	0.156	0.021	7.302	0.000
P5Q3AA\$2	1.919	0.044	43.175	0.000
P5Q3AL\$1	1.233	0.030	40.823	0.000
P5Q3AL\$2	2.431	0.069	35.156	0.000
P5Q3AP\$1	0.544	0.023	23.654	0.000
P5Q3AP\$2	2.147	0.052	41.510	0.000
P5Q3BI\$1	0.255	0.022	11.610	0.000
P5Q3BI\$2	1.598	0.035	45.266	0.000
P5Q3BZ\$1	1.723	0.042	40.958	0.000
P5Q3BZ\$2	2.397	0.071	33.979	0.000
P5Q3CJ\$1	1.528	0.036	42.190	0.000
P5Q3CJ\$2	2.540	0.081	31.506	0.000
P5Q3C\$1	0.021	0.022	0.983	0.326
P5Q3C\$2	1.323	0.031	43.360	0.000
P5Q3O\$1	1.108	0.028	39.983	0.000
P5Q3O\$2	2.114	0.054	39.415	0.000
P5Q3R\$1	0.260	0.022	11.995	0.000
P5Q3R\$2	1.388	0.031	44.437	0.000
P5Q3S\$1	1.025	0.027	38.412	0.000
P5Q3S\$2	1.939	0.046	42.508	0.000
P5Q3T\$1	1.012	0.026	38.216	0.000
P5Q3T\$2	2.140	0.053	40.177	0.000
P5Q3U\$1	0.081	0.021	3.807	0.000
P5Q3U\$2	1.876	0.043	44.033	0.000
P5Q3V\$1	0.568	0.023	24.831	0.000
P5Q3V\$2	1.988	0.047	42.065	0.000
P5Q3AJ\$1	1.392	0.033	42.020	0.000
P5Q3AJ\$2	2.294	0.063	36.302	0.000
P5Q3BC\$1	1.601	0.038	42.489	0.000
P5Q3BC\$2	2.410	0.072	33.391	0.000
P5Q3BN\$1	0.923	0.026	36.156	0.000
P5Q3BN\$2	1.992	0.047	42.241	0.000
P5Q3CF\$1	0.478	0.022	21.430	0.000
P5Q3CF\$2	1.889	0.043	43.582	0.000
P5Q3CG\$1	0.617	0.023	26.535	0.000
P5Q3CG\$2	2.043	0.048	42.183	0.000
P5Q3CH\$1	1.099	0.028	39.773	0.000
P5Q3CH\$2	2.285	0.064	35.599	0.000
P5Q3CI\$1	1.305	0.031	42.113	0.000
P5Q3CI\$2	2.466	0.073	33.881	0.000
P5Q3CN\$1	0.959	0.026	36.721	0.000
P5Q3CN\$2	2.200	0.056	39.110	0.000
P5Q3C0\$1	0.557	0.023	24.623	0.000
P5Q3C0\$2	1.696	0.038	44.813	0.000
P5Q3CQ\$1	1.670	0.040	42.248	0.000
P5Q3CQ\$2	2.481	0.078	31.646	0.000
P5Q3CW\$1	0.803	0.025	32.548	0.000
P5Q3CW\$2	1.886	0.044	42.463	0.000

Residual Variances

INTERNALIZ	0.964	0.008	114.928	0.000
EXTERN	0.911	0.011	84.366	0.000
PAF	0.986	0.004	226.217	0.000
INCBCL	0.920	0.011	81.615	0.000
EXCBCL	0.875	0.013	69.527	0.000

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
INTERNAL BY				
K6D2AG_R	0.772	0.011	72.436	0.000
K6D2AI_R	0.582	0.016	37.099	0.000
K6D2D_R	0.647	0.014	44.796	0.000
K6D2J_R	0.587	0.014	40.783	0.000
K6D2T_R	0.684	0.014	49.195	0.000
K6D2AC_R	0.868	0.010	87.209	0.000
K6D2AK_R	0.553	0.016	33.897	0.000
K6D2C_R	0.601	0.015	39.653	0.000
K6D2N_R	0.837	0.010	87.661	0.000
K6D2X_R	0.757	0.016	46.635	0.000
EXTERN BY				
K6D2A_R	0.509	0.017	30.220	0.000
K6D2P_R	0.720	0.013	55.343	0.000
K6D2R_R	0.555	0.016	34.296	0.000
K6D2Z_R	0.591	0.016	37.357	0.000
K6D2AB_R	0.597	0.015	40.542	0.000
K6D2AJ_R	0.752	0.013	58.873	0.000
K6D61C	0.881	0.013	66.037	0.000
K6D61D	0.645	0.016	39.455	0.000
K6D61E	0.639	0.023	27.908	0.000
K6D61K	0.870	0.013	67.251	0.000
K6D61L	0.567	0.022	25.966	0.000
K6D61M	0.467	0.021	22.176	0.000
K6D40_R	0.637	0.027	23.258	0.000
K6D48_R	0.565	0.022	25.585	0.000
K6F63_R	0.591	0.020	29.081	0.000
K6F68_R	0.663	0.041	16.168	0.000
K6F74_R	0.639	0.036	17.717	0.000
PAF BY				
K6D2B_R	0.760	0.014	53.865	0.000
K6D2F_R	0.662	0.014	47.615	0.000
K6D2G_R	0.412	0.024	17.314	0.000
K6D2I_R	0.508	0.017	30.686	0.000

K6D2K_R	0.588	0.015	39.145	0.000
K6D2L_R	0.708	0.020	35.822	0.000
K6D2M_R	0.604	0.015	40.450	0.000
K6D2O_R	0.582	0.015	38.979	0.000
K6D2S_R	0.880	0.010	90.474	0.000
K6D2V_R	0.602	0.016	37.654	0.000
K6D2W_R	0.672	0.014	49.604	0.000
K6D2Y_R	0.648	0.017	38.168	0.000
K6D2AA_R	0.706	0.014	52.049	0.000
K6D2AE_R	0.486	0.016	30.274	0.000
K6D2AF_R	0.612	0.019	32.210	0.000
K6D2AH_R	0.489	0.018	27.024	0.000

INCBCL BY

P5Q3M	0.532	0.024	21.909	0.000
P5Q3AB	0.473	0.021	22.413	0.000
P5Q3AD	0.634	0.023	28.191	0.000
P5Q3AF	0.699	0.021	32.523	0.000
P5Q3AH	0.802	0.024	33.730	0.000
P5Q3AR	0.620	0.025	24.389	0.000
P5Q3AV	0.753	0.020	37.593	0.000
P5Q3AX	0.808	0.025	32.054	0.000
P5Q3BQ	0.583	0.019	31.143	0.000
P5Q3CK	0.798	0.037	21.477	0.000
P5Q3DB	0.594	0.020	30.027	0.000
P5Q3E	0.444	0.028	15.867	0.000
P5Q3A0	0.599	0.023	26.166	0.000
P5Q3BK	0.636	0.025	25.383	0.000
P5Q3B0	0.566	0.022	25.531	0.000
P5Q3CU	0.664	0.027	24.447	0.000
P5Q3DA	0.723	0.024	29.690	0.000
P5Q3AS	0.560	0.021	26.969	0.000
P5Q3AU	0.564	0.031	18.107	0.000
P5Q3AZ	0.770	0.024	32.567	0.000
P5Q3BB1	0.718	0.023	30.743	0.000
P5Q3BB2	0.586	0.022	27.011	0.000
P5Q3BB5	0.455	0.027	16.661	0.000
P5Q3BB6	0.734	0.019	39.426	0.000
P5Q3BB7	0.682	0.031	21.717	0.000

EXCBCL BY

P5Q3X	0.618	0.020	30.205	0.000
P5Q3AA	0.826	0.012	67.071	0.000
P5Q3AL	0.658	0.024	27.244	0.000
P5Q3AP	0.736	0.016	46.143	0.000
P5Q3BI	0.398	0.022	18.067	0.000
P5Q3BZ	0.754	0.031	24.683	0.000
P5Q3CJ	0.758	0.024	31.402	0.000
P5Q3C	0.636	0.017	37.486	0.000
P5Q30	0.813	0.017	47.205	0.000

P5Q3R	0.637	0.017	37.374	0.000
P5Q3S	0.835	0.015	55.256	0.000
P5Q3T	0.852	0.014	59.946	0.000
P5Q3U	0.804	0.012	65.807	0.000
P5Q3V	0.799	0.014	56.974	0.000
P5Q3AJ	0.798	0.020	39.372	0.000
P5Q3BC	0.857	0.022	39.577	0.000
P5Q3BN	0.731	0.019	39.459	0.000
P5Q3CF	0.755	0.015	49.264	0.000
P5Q3CG	0.734	0.016	45.280	0.000
P5Q3CH	0.650	0.022	28.921	0.000
P5Q3CI	0.595	0.029	20.577	0.000
P5Q3CN	0.698	0.020	34.295	0.000
P5Q3CO	0.821	0.014	59.956	0.000
P5Q3CQ	0.910	0.022	41.616	0.000
P5Q3CW	0.666	0.019	34.354	0.000
EXTERN ON EXCBCL	0.224	0.021	10.489	0.000
INTERNAL ON INCBCL	0.154	0.026	5.938	0.000
INCBCL ON DEPCOMP	0.397	0.043	9.298	0.000
THREATCOMP	0.216	0.044	4.926	0.000
EXCBCL ON DEPCOMP	0.223	0.038	5.842	0.000
THREATCOMP	0.526	0.037	14.264	0.000
EXTERN ON THREATCOMP	0.229	0.037	6.245	0.000
DEPCOMP	0.035	0.038	0.937	0.349
INTERNAL ON THREATCOMP	0.077	0.038	2.056	0.040
DEPCOMP	0.093	0.038	2.425	0.015
PAF ON THREATCOMP	-0.005	0.037	-0.133	0.894
DEPCOMP	-0.217	0.038	-5.757	0.000
EXTERN WITH INTERNALIZ	0.490	0.017	29.192	0.000
PAF WITH INTERNALIZ	-0.610	0.015	-42.067	0.000
EXTERN	-0.267	0.019	-13.931	0.000

Thresholds

K6D2AG_R\$1	0.140	0.022	6.507	0.000
K6D2AG_R\$2	0.670	0.023	28.697	0.000
K6D2AG_R\$3	1.647	0.036	45.374	0.000
K6D2AI_R\$1	0.190	0.022	8.773	0.000
K6D2AI_R\$2	0.727	0.024	30.750	0.000
K6D2AI_R\$3	1.458	0.032	45.481	0.000
K6D2D_R\$1	0.239	0.022	10.977	0.000
K6D2D_R\$2	0.774	0.024	32.178	0.000
K6D2D_R\$3	1.596	0.035	45.424	0.000
K6D2J_R\$1	-0.484	0.023	-21.454	0.000
K6D2J_R\$2	0.214	0.022	9.812	0.000
K6D2J_R\$3	1.384	0.031	44.408	0.000
K6D2T_R\$1	0.374	0.022	16.996	0.000
K6D2T_R\$2	0.807	0.024	33.372	0.000
K6D2T_R\$3	1.585	0.035	45.541	0.000
K6D2AC_R\$1	0.502	0.023	22.257	0.000
K6D2AC_R\$2	0.939	0.025	37.039	0.000
K6D2AC_R\$3	1.793	0.040	44.411	0.000
K6D2AK_R\$1	-0.011	0.021	-0.529	0.597
K6D2AK_R\$2	0.520	0.023	23.039	0.000
K6D2AK_R\$3	1.385	0.031	44.750	0.000
K6D2C_R\$1	-0.270	0.022	-12.325	0.000
K6D2C_R\$2	0.208	0.022	9.512	0.000
K6D2C_R\$3	1.210	0.028	42.543	0.000
K6D2N_R\$1	0.220	0.022	10.119	0.000
K6D2N_R\$2	0.794	0.024	32.833	0.000
K6D2N_R\$3	1.741	0.039	44.885	0.000
K6D2X_R\$1	1.015	0.026	38.899	0.000
K6D2X_R\$2	1.426	0.032	44.895	0.000
K6D2X_R\$3	2.151	0.054	39.897	0.000
K6D2A_R\$1	-0.929	0.025	-36.887	0.000
K6D2A_R\$2	-0.343	0.022	-15.648	0.000
K6D2A_R\$3	0.929	0.025	36.829	0.000
K6D2P_R\$1	-0.648	0.023	-28.004	0.000
K6D2P_R\$2	-0.049	0.022	-2.277	0.023
K6D2P_R\$3	1.055	0.026	39.861	0.000
K6D2R_R\$1	-0.930	0.025	-36.972	0.000
K6D2R_R\$2	-0.206	0.022	-9.476	0.000
K6D2R_R\$3	1.070	0.027	40.096	0.000
K6D2Z_R\$1	-0.874	0.025	-35.384	0.000
K6D2Z_R\$2	-0.258	0.022	-11.810	0.000
K6D2Z_R\$3	1.021	0.026	39.281	0.000
K6D2AB_R\$1	-0.814	0.024	-33.581	0.000
K6D2AB_R\$2	-0.174	0.022	-8.043	0.000
K6D2AB_R\$3	0.848	0.025	34.492	0.000
K6D2AJ_R\$1	-0.232	0.022	-10.679	0.000
K6D2AJ_R\$2	0.281	0.022	12.828	0.000
K6D2AJ_R\$3	1.182	0.028	42.368	0.000
K6D61C\$1	1.424	0.032	44.373	0.000

K6D61C\$2	2.199	0.056	39.596	0.000
K6D61C\$3	2.504	0.073	34.502	0.000
K6D61D\$1	0.694	0.024	29.177	0.000
K6D61D\$2	1.582	0.034	45.874	0.000
K6D61D\$3	2.005	0.046	43.348	0.000
K6D61E\$1	1.323	0.030	43.493	0.000
K6D61E\$2	2.124	0.053	40.272	0.000
K6D61E\$3	2.493	0.075	33.363	0.000
K6D61K\$1	1.365	0.031	44.036	0.000
K6D61K\$2	2.178	0.055	39.485	0.000
K6D61K\$3	2.433	0.070	34.864	0.000
K6D61L\$1	1.176	0.028	41.508	0.000
K6D61L\$2	2.014	0.047	42.463	0.000
K6D61L\$3	2.354	0.065	36.137	0.000
K6D61M\$1	0.626	0.023	27.005	0.000
K6D61M\$2	1.521	0.033	45.686	0.000
K6D61M\$3	1.899	0.043	44.031	0.000
K6D40_R\$1	1.622	0.036	44.924	0.000
K6D48_R\$1	0.964	0.026	37.658	0.000
K6F63_R\$1	0.801	0.024	32.743	0.000
K6F68_R\$1	2.193	0.057	38.638	0.000
K6F74_R\$1	2.098	0.053	39.627	0.000
K6D2B_R\$1	-2.068	0.050	-41.418	0.000
K6D2B_R\$2	-1.663	0.036	-45.628	0.000
K6D2B_R\$3	-0.675	0.023	-28.876	0.000
K6D2F_R\$1	-1.885	0.043	-43.880	0.000
K6D2F_R\$2	-1.397	0.031	-44.871	0.000
K6D2F_R\$3	-0.144	0.022	-6.681	0.000
K6D2G_R\$1	-2.194	0.055	-39.701	0.000
K6D2G_R\$2	-1.938	0.044	-43.620	0.000
K6D2G_R\$3	-0.932	0.025	-36.764	0.000
K6D2I_R\$1	-1.909	0.044	-43.512	0.000
K6D2I_R\$2	-1.233	0.029	-43.070	0.000
K6D2I_R\$3	0.133	0.022	6.180	0.000
K6D2K_R\$1	-2.040	0.049	-41.799	0.000
K6D2K_R\$2	-1.354	0.030	-44.550	0.000
K6D2K_R\$3	0.045	0.021	2.080	0.038
K6D2L_R\$1	-2.536	0.078	-32.369	0.000
K6D2L_R\$2	-2.166	0.054	-40.002	0.000
K6D2L_R\$3	-1.227	0.029	-42.779	0.000
K6D2M_R\$1	-2.271	0.061	-37.395	0.000
K6D2M_R\$2	-1.593	0.035	-45.539	0.000
K6D2M_R\$3	-0.003	0.021	-0.122	0.903
K6D20_R\$1	-1.504	0.033	-45.460	0.000
K6D20_R\$2	-1.187	0.028	-42.594	0.000
K6D20_R\$3	-0.269	0.022	-12.319	0.000
K6D2S_R\$1	-2.181	0.056	-39.120	0.000
K6D2S_R\$2	-1.623	0.036	-45.693	0.000
K6D2S_R\$3	-0.411	0.022	-18.507	0.000
K6D2V_R\$1	-2.380	0.067	-35.408	0.000

K6D2V_R\$2	-1.893	0.043	-43.889	0.000
K6D2V_R\$3	-0.303	0.022	-13.858	0.000
K6D2W_R\$1	-2.132	0.053	-40.104	0.000
K6D2W_R\$2	-1.441	0.032	-45.316	0.000
K6D2W_R\$3	-0.174	0.022	-8.056	0.000
K6D2Y_R\$1	-2.144	0.053	-40.394	0.000
K6D2Y_R\$2	-1.658	0.036	-45.557	0.000
K6D2Y_R\$3	-0.678	0.023	-28.920	0.000
K6D2AA_R\$1	-2.178	0.055	-39.851	0.000
K6D2AA_R\$2	-1.646	0.036	-45.880	0.000
K6D2AA_R\$3	-0.432	0.022	-19.396	0.000
K6D2AE_R\$1	-1.876	0.043	-43.858	0.000
K6D2AE_R\$2	-1.166	0.028	-42.044	0.000
K6D2AE_R\$3	0.309	0.022	14.142	0.000
K6D2AF_R\$1	-2.261	0.060	-37.846	0.000
K6D2AF_R\$2	-1.928	0.044	-43.355	0.000
K6D2AF_R\$3	-0.818	0.024	-33.642	0.000
K6D2AH_R\$1	-1.875	0.043	-43.548	0.000
K6D2AH_R\$2	-1.483	0.033	-45.062	0.000
K6D2AH_R\$3	-0.267	0.022	-12.183	0.000
P5Q3M\$1	0.977	0.027	36.874	0.000
P5Q3M\$2	2.040	0.049	41.525	0.000
P5Q3AB\$1	0.495	0.023	21.583	0.000
P5Q3AB\$2	1.919	0.045	43.063	0.000
P5Q3AD\$1	1.092	0.028	39.494	0.000
P5Q3AD\$2	2.181	0.055	39.955	0.000
P5Q3AF\$1	1.239	0.030	41.265	0.000
P5Q3AF\$2	2.385	0.064	37.454	0.000
P5Q3AH\$1	1.634	0.037	44.099	0.000
P5Q3AH\$2	2.542	0.078	32.605	0.000
P5Q3AR\$1	1.318	0.031	42.954	0.000
P5Q3AR\$2	2.342	0.064	36.413	0.000
P5Q3AV\$1	1.195	0.029	41.620	0.000
P5Q3AV\$2	2.284	0.061	37.397	0.000
P5Q3AX\$1	1.631	0.038	43.434	0.000
P5Q3AX\$2	2.701	0.092	29.294	0.000
P5Q3BQ\$1	0.279	0.022	12.537	0.000
P5Q3BQ\$2	1.898	0.044	43.581	0.000
P5Q3CK\$1	2.083	0.055	37.992	0.000
P5Q3CK\$2	2.667	0.093	28.775	0.000
P5Q3DB\$1	0.464	0.023	20.340	0.000
P5Q3DB\$2	1.870	0.043	43.172	0.000
P5Q3E\$1	1.059	0.028	38.361	0.000
P5Q3E\$2	1.993	0.046	43.408	0.000
P5Q3A0\$1	1.033	0.027	38.231	0.000
P5Q3A0\$2	2.146	0.053	40.413	0.000
P5Q3BK\$1	1.234	0.030	41.549	0.000
P5Q3BK\$2	2.416	0.069	34.833	0.000
P5Q3B0\$1	0.894	0.026	34.627	0.000
P5Q3B0\$2	2.251	0.056	40.291	0.000

P5Q3CU\$1	1.414	0.033	43.456	0.000
P5Q3CU\$2	2.334	0.064	36.683	0.000
P5Q3DA\$1	1.371	0.032	42.817	0.000
P5Q3DA\$2	2.555	0.079	32.373	0.000
P5Q3AS\$1	0.771	0.024	31.477	0.000
P5Q3AS\$2	2.447	0.072	33.862	0.000
P5Q3AU\$1	1.441	0.033	43.644	0.000
P5Q3AU\$2	2.371	0.067	35.399	0.000
P5Q3AZ\$1	1.535	0.035	43.371	0.000
P5Q3AZ\$2	2.450	0.069	35.749	0.000
P5Q3BB1\$1	1.340	0.031	43.273	0.000
P5Q3BB1\$2	2.417	0.071	33.830	0.000
P5Q3BB2\$1	0.909	0.026	35.392	0.000
P5Q3BB2\$2	2.186	0.056	38.889	0.000
P5Q3BB5\$1	1.106	0.028	39.826	0.000
P5Q3BB5\$2	2.004	0.048	41.828	0.000
P5Q3BB6\$1	1.163	0.028	40.865	0.000
P5Q3BB6\$2	2.449	0.072	34.083	0.000
P5Q3BB7\$1	1.642	0.038	43.714	0.000
P5Q3BB7\$2	2.527	0.080	31.514	0.000
P5Q3X\$1	0.796	0.025	31.667	0.000
P5Q3X\$2	1.971	0.045	44.094	0.000
P5Q3AA\$1	0.163	0.022	7.294	0.000
P5Q3AA\$2	1.998	0.046	43.356	0.000
P5Q3AL\$1	1.266	0.031	40.878	0.000
P5Q3AL\$2	2.495	0.070	35.552	0.000
P5Q3AP\$1	0.563	0.024	23.587	0.000
P5Q3AP\$2	2.219	0.053	41.752	0.000
P5Q3BI\$1	0.257	0.022	11.607	0.000
P5Q3BI\$2	1.613	0.035	45.590	0.000
P5Q3BZ\$1	1.783	0.043	41.114	0.000
P5Q3BZ\$2	2.480	0.072	34.626	0.000
P5Q3CJ\$1	1.582	0.037	42.357	0.000
P5Q3CJ\$2	2.629	0.083	31.763	0.000
P5Q3C\$1	0.022	0.022	0.983	0.326
P5Q3C\$2	1.356	0.031	43.795	0.000
P5Q30\$1	1.153	0.029	39.692	0.000
P5Q30\$2	2.200	0.055	39.908	0.000
P5Q3R\$1	0.267	0.022	11.977	0.000
P5Q3R\$2	1.423	0.032	44.804	0.000
P5Q3S\$1	1.069	0.028	38.244	0.000
P5Q3S\$2	2.021	0.047	42.983	0.000
P5Q3T\$1	1.057	0.028	37.795	0.000
P5Q3T\$2	2.234	0.055	40.508	0.000
P5Q3U\$1	0.084	0.022	3.804	0.000
P5Q3U\$2	1.950	0.044	44.230	0.000
P5Q3V\$1	0.590	0.024	24.746	0.000
P5Q3V\$2	2.065	0.049	42.450	0.000
P5Q3AJ\$1	1.446	0.035	41.868	0.000
P5Q3AJ\$2	2.383	0.065	36.881	0.000

P5Q3BC\$1	1.672	0.040	42.338	0.000
P5Q3BC\$2	2.518	0.074	33.882	0.000
P5Q3BN\$1	0.954	0.027	35.980	0.000
P5Q3BN\$2	2.058	0.048	42.661	0.000
P5Q3CF\$1	0.494	0.023	21.344	0.000
P5Q3CF\$2	1.955	0.044	43.951	0.000
P5Q3CG\$1	0.638	0.024	26.497	0.000
P5Q3CG\$2	2.111	0.049	42.639	0.000
P5Q3CH\$1	1.127	0.028	39.908	0.000
P5Q3CH\$2	2.345	0.065	35.912	0.000
P5Q3CI\$1	1.334	0.031	42.355	0.000
P5Q3CI\$2	2.520	0.074	34.278	0.000
P5Q3CN\$1	0.988	0.027	36.669	0.000
P5Q3CN\$2	2.266	0.057	39.591	0.000
P5Q3C0\$1	0.580	0.024	24.495	0.000
P5Q3C0\$2	1.765	0.039	45.037	0.000
P5Q3CQ\$1	1.754	0.042	42.033	0.000
P5Q3CQ\$2	2.606	0.081	32.090	0.000
P5Q3CW\$1	0.825	0.025	32.487	0.000
P5Q3CW\$2	1.937	0.045	42.774	0.000

Residual Variances

INTERNALIZ	0.964	0.008	114.928	0.000
EXTERN	0.911	0.011	84.366	0.000
PAF	0.986	0.004	226.217	0.000
INCBCL	0.920	0.011	81.615	0.000
EXCBCL	0.875	0.013	69.527	0.000

R-SQUARE

Observed Residual Variable Variance	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
K6D2AG_R 0.413	0.591	0.016	36.719	0.000
K6D2AI_R 0.666	0.337	0.018	18.654	0.000
K6D2D_R 0.588	0.416	0.018	22.564	0.000
K6D2J_R 0.660	0.343	0.017	20.519	0.000
K6D2T_R 0.539	0.465	0.019	24.827	0.000
K6D2AC_R 0.258	0.745	0.017	44.811	0.000
K6D2AK_R 0.699	0.304	0.018	17.035	0.000

K6D2C_R	0.359	0.018	19.944	0.000
0.645				
K6D2N_R	0.694	0.016	44.715	0.000
0.309				
K6D2X_R	0.568	0.024	23.587	0.000
0.435				
K6D2A_R	0.256	0.017	15.321	0.000
0.752				
K6D2P_R	0.507	0.018	28.622	0.000
0.504				
K6D2R_R	0.304	0.017	17.454	0.000
0.706				
K6D2Z_R	0.344	0.018	19.074	0.000
0.666				
K6D2AB_R	0.351	0.017	20.690	0.000
0.660				
K6D2AJ_R	0.551	0.018	30.547	0.000
0.460				
K6D61C	0.750	0.021	35.138	0.000
0.259				
K6D61D	0.409	0.020	20.169	0.000
0.602				
K6D61E	0.401	0.028	14.245	0.000
0.610				
K6D61K	0.732	0.020	35.852	0.000
0.278				
K6D61L	0.317	0.024	13.191	0.000
0.693				
K6D61M	0.216	0.019	11.205	0.000
0.791				
K6D40_R	0.398	0.034	11.872	0.000
0.612				
K6D48_R	0.315	0.024	12.992	0.000
0.695				
K6F63_R	0.344	0.023	14.810	0.000
0.667				
K6F68_R	0.431	0.052	8.248	0.000
0.581				
K6F74_R	0.401	0.044	9.028	0.000
0.610				
K6D2B_R	0.574	0.021	27.270	0.000
0.430				
K6D2F_R	0.436	0.018	24.007	0.000
0.568				
K6D2G_R	0.170	0.020	8.679	0.000
0.832				
K6D2I_R	0.257	0.017	15.408	0.000
0.746				
K6D2K_R	0.344	0.017	19.693	0.000
0.659				

K6D2L_R	0.497	0.028	18.056	0.000
0.506				
K6D2M_R	0.363	0.018	20.348	0.000
0.641				
K6D2O_R	0.338	0.017	19.590	0.000
0.666				
K6D2S_R	0.767	0.017	46.367	0.000
0.235				
K6D2V_R	0.361	0.019	18.952	0.000
0.642				
K6D2W_R	0.449	0.018	25.025	0.000
0.554				
K6D2Y_R	0.417	0.022	19.220	0.000
0.586				
K6D2AA_R	0.495	0.019	26.276	0.000
0.509				
K6D2AE_R	0.236	0.016	15.182	0.000
0.767				
K6D2AF_R	0.373	0.023	16.210	0.000
0.630				
K6D2AH_R	0.238	0.018	13.566	0.000
0.764				
P5Q3M	0.277	0.025	11.197	0.000
0.739				
P5Q3AB	0.220	0.019	11.405	0.000
0.794				
P5Q3AD	0.390	0.027	14.540	0.000
0.630				
P5Q3AF	0.470	0.028	17.010	0.000
0.551				
P5Q3AH	0.612	0.034	17.804	0.000
0.407				
P5Q3AR	0.374	0.030	12.566	0.000
0.646				
P5Q3AV	0.543	0.027	19.786	0.000
0.478				
P5Q3AX	0.621	0.037	16.945	0.000
0.399				
P5Q3BQ	0.331	0.021	16.062	0.000
0.687				
P5Q3CK	0.606	0.054	11.290	0.000
0.414				
P5Q3DB	0.343	0.022	15.488	0.000
0.675				
P5Q3E	0.194	0.024	8.056	0.000
0.818				
P5Q3A0	0.349	0.026	13.474	0.000
0.670				
P5Q3BK	0.392	0.030	13.122	0.000
0.628				

P5Q3B0	0.313	0.024	13.108	0.000
0.705				
P5Q3CU	0.426	0.034	12.678	0.000
0.594				
P5Q3DA	0.502	0.032	15.562	0.000
0.519				
P5Q3AS	0.306	0.022	13.843	0.000
0.712				
P5Q3AU	0.310	0.033	9.278	0.000
0.708				
P5Q3AZ	0.567	0.033	17.062	0.000
0.454				
P5Q3BB1	0.495	0.031	16.068	0.000
0.526				
P5Q3BB2	0.334	0.024	13.909	0.000
0.685				
P5Q3BB5	0.204	0.024	8.464	0.000
0.809				
P5Q3BB6	0.517	0.025	20.724	0.000
0.504				
P5Q3BB7	0.448	0.040	11.238	0.000
0.572				
P5Q3X	0.364	0.023	15.893	0.000
0.666				
P5Q3AA	0.629	0.016	39.279	0.000
0.403				
P5Q3AL	0.411	0.028	14.431	0.000
0.621				
P5Q3AP	0.508	0.020	25.143	0.000
0.526				
P5Q3BI	0.155	0.017	9.211	0.000
0.861				
P5Q3BZ	0.531	0.040	13.229	0.000
0.502				
P5Q3CJ	0.536	0.031	17.009	0.000
0.497				
P5Q3C	0.385	0.019	19.908	0.000
0.646				
P5Q3O	0.610	0.023	26.163	0.000
0.422				
P5Q3R	0.387	0.020	19.822	0.000
0.644				
P5Q3S	0.642	0.020	31.477	0.000
0.389				
P5Q3T	0.666	0.019	34.523	0.000
0.365				
P5Q3U	0.598	0.016	37.750	0.000
0.434				
P5Q3V	0.591	0.019	31.884	0.000
0.442				

P5Q3AJ	0.590	0.027	21.611	0.000
0.443				
P5Q3BC	0.673	0.031	22.055	0.000
0.357				
P5Q3BN	0.501	0.023	21.403	0.000
0.533				
P5Q3CF	0.532	0.020	27.185	0.000
0.501				
P5Q3CG	0.505	0.020	24.770	0.000
0.528				
P5Q3CH	0.401	0.026	15.285	0.000
0.630				
P5Q3CI	0.339	0.032	10.754	0.000
0.690				
P5Q3CN	0.459	0.025	18.356	0.000
0.574				
P5Q3C0	0.621	0.018	34.433	0.000
0.410				
P5Q3CQ	0.750	0.032	23.644	0.000
0.275				
P5Q3CW	0.420	0.023	18.238	0.000
0.612				

Latent Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
INTERNAL	0.036	0.008	4.322	0.000
EXTERN	0.089	0.011	8.215	0.000
PAF	0.014	0.004	3.181	0.001
INCBCL	0.080	0.011	7.079	0.000
EXCBCL	0.125	0.013	9.887	0.000

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix
0.254E-02

(ratio of smallest to largest eigenvalue)

MODEL MODIFICATION INDICES

Minimum M.I. value for printing the modification index 10.000

	M.I.	E.P.C.	Std E.P.C.	StdYX
E.P.C.				

ON/BY Statements

K6D2AI_R ON PAF /

PAF	BY K6D2AI_R	12.588	0.097	0.098
0.098				
K6D2D_R	ON PAF /			
PAF	BY K6D2D_R	35.187	0.168	0.169
0.168				
K6D2D_R	ON EXCBCL /			
EXCBCL	BY K6D2D_R	18.986	0.064	0.068
0.068				
K6D2J_R	ON EXTERN /			
EXTERN	BY K6D2J_R	13.625	0.075	0.078
0.078				
K6D2J_R	ON PAF /			
PAF	BY K6D2J_R	19.369	0.115	0.116
0.116				
K6D2J_R	ON EXCBCL /			
EXCBCL	BY K6D2J_R	11.068	0.046	0.049
0.049				
K6D2T_R	ON PAF /			
PAF	BY K6D2T_R	24.674	0.143	0.144
0.143				
K6D2AC_R	ON PAF /			
PAF	BY K6D2AC_R	55.667	-0.203	-0.204
-0.203				
K6D2AC_R	ON EXCBCL /			
EXCBCL	BY K6D2AC_R	26.610	0.080	0.085
0.085				
K6D2AK_R	ON EXTERN /			
EXTERN	BY K6D2AK_R	245.010	0.318	0.333
0.333				
K6D2AK_R	ON PAF /			
PAF	BY K6D2AK_R	53.012	0.201	0.203
0.202				
K6D2AK_R	ON EXCBCL /			
EXCBCL	BY K6D2AK_R	138.042	0.163	0.174
0.174				
K6D2C_R	ON EXTERN /			
EXTERN	BY K6D2C_R	31.870	0.117	0.122
0.122				
K6D2C_R	ON PAF /			
PAF	BY K6D2C_R	14.452	0.101	0.102
0.101				
K6D2C_R	ON EXCBCL /			
EXCBCL	BY K6D2C_R	24.597	0.069	0.074
0.074				
K6D2N_R	ON EXTERN /			
EXTERN	BY K6D2N_R	15.912	-0.090	-0.095
-0.094				
K6D2N_R	ON PAF /			
PAF	BY K6D2N_R	52.147	-0.188	-0.190
-0.189				

K6D2N_R	ON	EXCBCL	/			
EXCBCL	BY	K6D2N_R		19.049	0.065	0.069
0.069						
K6D2X_R	ON	PAF	/			
PAF	BY	K6D2X_R		88.612	-0.276	-0.278
-0.276						
K6D2X_R	ON	EXCBCL	/			
EXCBCL	BY	K6D2X_R		13.628	0.066	0.071
0.070						
K6D2A_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2A_R		13.921	0.070	0.071
0.071						
K6D2A_R	ON	INCBCL	/			
INCBCL	BY	K6D2A_R		13.010	0.062	0.064
0.064						
K6D2P_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2P_R		34.536	0.111	0.113
0.112						
K6D2P_R	ON	PAF	/			
PAF	BY	K6D2P_R		17.297	-0.067	-0.068
-0.067						
K6D2P_R	ON	INCBCL	/			
INCBCL	BY	K6D2P_R		14.970	0.066	0.069
0.068						
K6D2R_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2R_R		109.120	0.192	0.196
0.194						
K6D2R_R	ON	PAF	/			
PAF	BY	K6D2R_R		24.510	-0.079	-0.079
-0.079						
K6D2R_R	ON	INCBCL	/			
INCBCL	BY	K6D2R_R		15.195	0.066	0.069
0.069						
K6D2R_R	ON	EXCBCL	/			
EXCBCL	BY	K6D2R_R		27.713	-0.078	-0.084
-0.083						
K6D2Z_R	ON	PAF	/			
PAF	BY	K6D2Z_R		14.887	0.062	0.063
0.062						
K6D2Z_R	ON	INCBCL	/			
INCBCL	BY	K6D2Z_R		20.629	0.079	0.082
0.082						
K6D2AJ_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2AJ_R		46.712	0.132	0.135
0.133						
K6D2AJ_R	ON	PAF	/			
PAF	BY	K6D2AJ_R		29.490	-0.090	-0.091
-0.090						
K6D2AJ_R	ON	INCBCL	/			
INCBCL	BY	K6D2AJ_R		24.002	0.086	0.090

0.089				
K6D61C	ON	INTERNAL	/	
INTERNAL	BY	K6D61C		50.852 -0.223 -0.227
-0.224				
K6D61C	ON	PAF	/	
PAF	BY	K6D61C		11.138 0.087 0.087
0.086				
K6D61D	ON	INTERNAL	/	
INTERNAL	BY	K6D61D		78.038 -0.204 -0.208
-0.206				
K6D61D	ON	PAF	/	
PAF	BY	K6D61D		53.508 0.142 0.143
0.141				
K6D61D	ON	EXCBCL	/	
EXCBCL	BY	K6D61D		13.444 0.064 0.068
0.068				
K6D61E	ON	INTERNAL	/	
INTERNAL	BY	K6D61E		59.084 -0.224 -0.229
-0.226				
K6D61E	ON	PAF	/	
PAF	BY	K6D61E		37.817 0.152 0.153
0.152				
K6D61E	ON	EXCBCL	/	
EXCBCL	BY	K6D61E		34.448 0.128 0.137
0.135				
K6D61K	ON	INTERNAL	/	
INTERNAL	BY	K6D61K		60.056 -0.237 -0.242
-0.238				
K6D61L	ON	INTERNAL	/	
INTERNAL	BY	K6D61L		67.573 -0.223 -0.227
-0.226				
K6D61L	ON	PAF	/	
PAF	BY	K6D61L		46.767 0.156 0.157
0.156				
K6D61M	ON	INTERNAL	/	
INTERNAL	BY	K6D61M		22.002 0.106 0.108
0.108				
K6D61M	ON	PAF	/	
PAF	BY	K6D61M		44.709 -0.126 -0.127
-0.126				
K6D40_R	ON	INCBCL	/	
INCBCL	BY	K6D40_R		14.059 0.119 0.124
0.122				
K6D40_R	ON	EXCBCL	/	
EXCBCL	BY	K6D40_R		38.306 0.162 0.173
0.172				
K6D48_R	ON	EXCBCL	/	
EXCBCL	BY	K6D48_R		13.284 -0.076 -0.082
-0.081				
K6D2B_R	ON	INTERNAL	/	

INTERNAL BY K6D2B_R	83.075	-0.249	-0.253
-0.252			
K6D2B_R ON EXTERN /			
EXTERN BY K6D2B_R	17.762	-0.085	-0.089
-0.088			
K6D2B_R ON INCBCL /			
INCBCL BY K6D2B_R	23.904	-0.103	-0.107
-0.107			
K6D2F_R ON INCBCL /			
INCBCL BY K6D2F_R	29.922	-0.100	-0.105
-0.104			
K6D2F_R ON EXCBCL /			
EXCBCL BY K6D2F_R	12.188	-0.051	-0.055
-0.055			
K6D2I_R ON EXTERN /			
EXTERN BY K6D2I_R	37.965	-0.105	-0.110
-0.110			
K6D2I_R ON EXCBCL /			
EXCBCL BY K6D2I_R	24.859	-0.071	-0.076
-0.076			
K6D2K_R ON INTERNAL /			
INTERNAL BY K6D2K_R	16.301	0.107	0.109
0.109			
K6D2K_R ON INCBCL /			
INCBCL BY K6D2K_R	14.453	-0.069	-0.072
-0.072			
K6D2M_R ON INTERNAL /			
INTERNAL BY K6D2M_R	17.211	0.111	0.114
0.113			
K6D20_R ON INCBCL /			
INCBCL BY K6D20_R	13.825	-0.071	-0.074
-0.074			
K6D2S_R ON INTERNAL /			
INTERNAL BY K6D2S_R	110.375	-0.269	-0.274
-0.273			
K6D2S_R ON EXTERN /			
EXTERN BY K6D2S_R	24.299	-0.095	-0.099
-0.099			
K6D2S_R ON INCBCL /			
INCBCL BY K6D2S_R	14.681	-0.076	-0.079
-0.079			
K6D2V_R ON EXTERN /			
EXTERN BY K6D2V_R	11.321	-0.063	-0.066
-0.066			
K6D2V_R ON INCBCL /			
INCBCL BY K6D2V_R	17.854	-0.082	-0.085
-0.085			
K6D2V_R ON EXCBCL /			
EXCBCL BY K6D2V_R	25.306	-0.077	-0.082
-0.082			

K6D2AA_R	ON	INCBCL	/			
INCBCL	BY	K6D2AA_R		20.394	-0.088	-0.092
-0.092						
K6D2AE_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2AE_R		69.504	0.212	0.216
0.216						
K6D2AE_R	ON	EXTERN	/			
EXTERN	BY	K6D2AE_R		64.024	0.136	0.142
0.142						
P5Q3M	ON	EXTERN	/			
EXTERN	BY	P5Q3M		203.710	0.279	0.292
0.289						
P5Q3M	ON	EXCBCL	/			
EXCBCL	BY	P5Q3M		1463.548	0.542	0.579
0.572						
P5Q3AB	ON	EXTERN	/			
EXTERN	BY	P5Q3AB		27.413	0.090	0.094
0.093						
P5Q3AB	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AB		466.773	0.298	0.319
0.316						
P5Q3AD	ON	EXTERN	/			
EXTERN	BY	P5Q3AD		64.285	0.167	0.175
0.172						
P5Q3AD	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AD		739.618	0.426	0.455
0.448						
P5Q3AF	ON	INTERNAL	/			
INTERNAL	BY	P5Q3AF		11.574	0.073	0.074
0.073						
P5Q3AF	ON	EXTERN	/			
EXTERN	BY	P5Q3AF		217.632	0.322	0.337
0.331						
P5Q3AF	ON	PAF	/			
PAF	BY	P5Q3AF		16.490	-0.087	-0.087
-0.086						
P5Q3AF	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AF		1274.020	0.558	0.597
0.585						
P5Q3AH	ON	EXTERN	/			
EXTERN	BY	P5Q3AH		193.813	0.365	0.382
0.373						
P5Q3AH	ON	PAF	/			
PAF	BY	P5Q3AH		11.318	-0.089	-0.089
-0.087						
P5Q3AH	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AH		1252.945	0.628	0.671
0.655						
P5Q3AR	ON	EXTERN	/			
EXTERN	BY	P5Q3AR		99.518	0.228	0.239

0.235						
P5Q3AR	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AR		826.153	0.476	0.509
0.501						
P5Q3AV	ON	EXTERN	/			
EXTERN	BY	P5Q3AV		79.905	0.196	0.205
0.201						
P5Q3AV	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AV		934.172	0.485	0.518
0.507						
P5Q3AX	ON	EXTERN	/			
EXTERN	BY	P5Q3AX		66.845	0.224	0.234
0.229						
P5Q3AX	ON	EXCBCL	/			
EXCBCL	BY	P5Q3AX		722.643	0.506	0.540
0.527						
P5Q3BQ	ON	EXTERN	/			
EXTERN	BY	P5Q3BQ		96.913	0.163	0.171
0.168						
P5Q3BQ	ON	PAF	/			
PAF	BY	P5Q3BQ		18.753	-0.069	-0.070
-0.069						
P5Q3BQ	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BQ		923.781	0.400	0.428
0.422						
P5Q3CK	ON	EXTERN	/			
EXTERN	BY	P5Q3CK		155.879	0.443	0.464
0.452						
P5Q3CK	ON	EXCBCL	/			
EXCBCL	BY	P5Q3CK		931.886	0.694	0.742
0.723						
P5Q3DB	ON	EXTERN	/			
EXTERN	BY	P5Q3DB		30.778	0.095	0.100
0.098						
P5Q3DB	ON	EXCBCL	/			
EXCBCL	BY	P5Q3DB		663.854	0.358	0.382
0.377						
P5Q3E	ON	INTERNAL	/			
INTERNAL	BY	P5Q3E		10.201	0.064	0.065
0.064						
P5Q3E	ON	EXTERN	/			
EXTERN	BY	P5Q3E		83.896	0.188	0.197
0.196						
P5Q3E	ON	EXCBCL	/			
EXCBCL	BY	P5Q3E		464.491	0.345	0.369
0.366						
P5Q3A0	ON	INTERNAL	/			
INTERNAL	BY	P5Q3A0		25.424	0.097	0.099
0.098						
P5Q3A0	ON	EXTERN	/			

EXTERN 0.212	BY P5Q3A0		104.378	0.205	0.215
P5Q3A0 PAF -0.108	ON PAF / BY P5Q3A0		31.904	-0.109	-0.110
P5Q3A0 EXCBCL 0.410	ON EXCBCL / BY P5Q3A0		624.684	0.389	0.416
P5Q3BK EXTERN 0.222	ON EXTERN / BY P5Q3BK		99.452	0.215	0.226
P5Q3BK EXCBCL 0.497	ON EXCBCL / BY P5Q3BK		817.345	0.473	0.505
P5Q3B0 INTERNAL 0.111	ON INTERNAL / BY P5Q3B0		35.937	0.110	0.112
P5Q3B0 EXTERN 0.318	ON EXTERN / BY P5Q3B0		263.109	0.307	0.322
P5Q3B0 PAF -0.112	ON PAF / BY P5Q3B0		37.654	-0.113	-0.114
P5Q3B0 EXCBCL 0.509	ON EXCBCL / BY P5Q3B0		1123.385	0.482	0.515
P5Q3CU EXTERN 0.236	ON EXTERN / BY P5Q3CU		88.166	0.229	0.240
P5Q3CU EXCBCL 0.448	ON EXCBCL / BY P5Q3CU		557.875	0.426	0.456
P5Q3DA INTERNAL 0.133	ON INTERNAL / BY P5Q3DA		33.739	0.133	0.135
P5Q3DA EXTERN 0.338	ON EXTERN / BY P5Q3DA		200.330	0.329	0.345
P5Q3DA PAF -0.123	ON PAF / BY P5Q3DA		29.663	-0.125	-0.126
P5Q3DA EXCBCL 0.521	ON EXCBCL / BY P5Q3DA		872.670	0.498	0.532
P5Q3AS INTERNAL 0.074	ON INTERNAL / BY P5Q3AS		16.554	0.073	0.074
P5Q3AS EXTERN 0.208	ON EXTERN / BY P5Q3AS		118.657	0.201	0.211

P5Q3AS PAF -0.086	ON PAF BY P5Q3AS	/	23.133	-0.087	-0.087
P5Q3AS EXCBCL 0.418	ON EXCBCL BY P5Q3AS	/	780.284	0.396	0.424
P5Q3AU EXTERN 0.154	ON EXTERN BY P5Q3AU	/	36.703	0.149	0.156
P5Q3AU EXCBCL 0.353	ON EXCBCL BY P5Q3AU	/	318.988	0.335	0.358
P5Q3AZ EXTERN 0.282	ON EXTERN BY P5Q3AZ	/	117.405	0.275	0.288
P5Q3AZ EXCBCL 0.529	ON EXCBCL BY P5Q3AZ	/	758.932	0.507	0.541
P5Q3BB1 EXTERN 0.165	ON EXTERN BY P5Q3BB1	/	46.646	0.160	0.168
P5Q3BB1 EXCBCL 0.386	ON EXCBCL BY P5Q3BB1	/	426.819	0.369	0.394
P5Q3BB2 EXTERN 0.113	ON EXTERN BY P5Q3BB2	/	32.202	0.109	0.114
P5Q3BB2 EXCBCL 0.301	ON EXCBCL BY P5Q3BB2	/	331.283	0.285	0.305
P5Q3BB5 EXTERN 0.095	ON EXTERN BY P5Q3BB5	/	20.673	0.091	0.096
P5Q3BB5 EXCBCL 0.271	ON EXCBCL BY P5Q3BB5	/	233.520	0.256	0.273
P5Q3BB6 EXTERN 0.127	ON EXTERN BY P5Q3BB6	/	32.573	0.124	0.130
P5Q3BB6 EXCBCL 0.360	ON EXCBCL BY P5Q3BB6	/	426.202	0.344	0.368
P5Q3BB7 EXTERN 0.100	ON EXTERN BY P5Q3BB7	/	12.182	0.097	0.102
P5Q3BB7 EXCBCL 0.376	ON EXCBCL BY P5Q3BB7	/	313.083	0.358	0.383
P5Q3X INTERNAL	ON INTERNAL BY P5Q3X	/	75.719	0.149	0.151

0.148						
P5Q3X	ON	EXTERN	/			
EXTERN	BY	P5Q3X		20.243	0.089	0.093
0.091						
P5Q3X	ON	PAF	/			
PAF	BY	P5Q3X		20.683	-0.081	-0.081
-0.079						
P5Q3X	ON	INCBCL	/			
INCBCL	BY	P5Q3X		484.695	0.407	0.424
0.414						
P5Q3AA	ON	INTERNAL	/			
INTERNAL	BY	P5Q3AA		36.614	0.094	0.095
0.092						
P5Q3AA	ON	INCBCL	/			
INCBCL	BY	P5Q3AA		545.122	0.387	0.404
0.388						
P5Q3AL	ON	INCBCL	/			
INCBCL	BY	P5Q3AL		417.793	0.413	0.431
0.419						
P5Q3AP	ON	INTERNAL	/			
INTERNAL	BY	P5Q3AP		56.907	0.123	0.126
0.122						
P5Q3AP	ON	EXTERN	/			
EXTERN	BY	P5Q3AP		10.205	0.061	0.064
0.062						
P5Q3AP	ON	PAF	/			
PAF	BY	P5Q3AP		10.581	-0.055	-0.055
-0.054						
P5Q3AP	ON	INCBCL	/			
INCBCL	BY	P5Q3AP		773.554	0.476	0.496
0.480						
P5Q3BI	ON	INTERNAL	/			
INTERNAL	BY	P5Q3BI		15.099	0.059	0.060
0.060						
P5Q3BI	ON	INCBCL	/			
INCBCL	BY	P5Q3BI		372.851	0.332	0.346
0.343						
P5Q3BZ	ON	INTERNAL	/			
INTERNAL	BY	P5Q3BZ		57.080	0.199	0.203
0.196						
P5Q3BZ	ON	INCBCL	/			
INCBCL	BY	P5Q3BZ		508.327	0.557	0.581
0.561						
P5Q3CJ	ON	INTERNAL	/			
INTERNAL	BY	P5Q3CJ		57.125	0.182	0.186
0.179						
P5Q3CJ	ON	INCBCL	/			
INCBCL	BY	P5Q3CJ		703.881	0.574	0.599
0.578						
P5Q3C	ON	INTERNAL	/			

INTERNAL BY P5Q3C 0.119		66.361	0.120	0.122
P5Q3C ON PAF / PAF BY P5Q3C		32.825	-0.087	-0.088
-0.085 P5Q3C ON INCBCL / INCBCL BY P5Q3C		641.802	0.412	0.430
0.420 P5Q30 ON INTERNAL / INTERNAL BY P5Q30		56.972	0.147	0.150
0.144 P5Q30 ON PAF / PAF BY P5Q30		14.893	-0.078	-0.079
-0.076 P5Q30 ON INCBCL / INCBCL BY P5Q30		693.932	0.511	0.533
0.512 P5Q3R ON INTERNAL / INTERNAL BY P5Q3R		76.245	0.132	0.135
0.131 P5Q3R ON PAF / PAF BY P5Q3R		16.621	-0.064	-0.064
-0.063 P5Q3R ON INCBCL / INCBCL BY P5Q3R		977.980	0.503	0.525
0.512 P5Q3S ON INTERNAL / INTERNAL BY P5Q3S		52.768	0.136	0.138
0.132 P5Q3S ON INCBCL / INCBCL BY P5Q3S		702.496	0.502	0.523
0.502 P5Q3T ON INTERNAL / INTERNAL BY P5Q3T		41.544	0.122	0.124
0.119 P5Q3T ON INCBCL / INCBCL BY P5Q3T		716.247	0.500	0.521
0.499 P5Q3U ON INTERNAL / INTERNAL BY P5Q3U		21.079	0.071	0.072
0.069 P5Q3U ON INCBCL / INCBCL BY P5Q3U		643.752	0.415	0.433
0.416 P5Q3V ON INTERNAL / INTERNAL BY P5Q3V		10.779	0.054	0.055
0.053 P5Q3V ON INCBCL / INCBCL BY P5Q3V		404.040	0.353	0.368
0.354				

P5Q3AJ	ON INTERNAL /			
INTERNAL	BY P5Q3AJ	12.642	0.078	0.080
0.077				
P5Q3AJ	ON INCBCL /			
INCBCL	BY P5Q3AJ	520.192	0.482	0.503
0.484				
P5Q3BC	ON INTERNAL /			
INTERNAL	BY P5Q3BC	70.415	0.218	0.222
0.213				
P5Q3BC	ON INCBCL /			
INCBCL	BY P5Q3BC	813.188	0.630	0.657
0.628				
P5Q3BN	ON INTERNAL /			
INTERNAL	BY P5Q3BN	69.402	0.152	0.155
0.150				
P5Q3BN	ON PAF /			
PAF	BY P5Q3BN	11.662	-0.064	-0.065
-0.063				
P5Q3BN	ON INCBCL /			
INCBCL	BY P5Q3BN	959.766	0.556	0.580
0.561				
P5Q3CF	ON INTERNAL /			
INTERNAL	BY P5Q3CF	81.892	0.146	0.148
0.143				
P5Q3CF	ON PAF /			
PAF	BY P5Q3CF	16.708	-0.068	-0.069
-0.066				
P5Q3CF	ON INCBCL /			
INCBCL	BY P5Q3CF	1144.224	0.553	0.577
0.557				
P5Q3CG	ON INTERNAL /			
INTERNAL	BY P5Q3CG	91.297	0.158	0.161
0.156				
P5Q3CG	ON PAF /			
PAF	BY P5Q3CG	18.069	-0.073	-0.074
-0.071				
P5Q3CG	ON INCBCL /			
INCBCL	BY P5Q3CG	1482.524	0.631	0.658
0.637				
P5Q3CH	ON INTERNAL /			
INTERNAL	BY P5Q3CH	96.454	0.192	0.196
0.191				
P5Q3CH	ON PAF /			
PAF	BY P5Q3CH	27.030	-0.105	-0.106
-0.103				
P5Q3CH	ON INCBCL /			
INCBCL	BY P5Q3CH	1310.668	0.658	0.686
0.668				
P5Q3CI	ON INTERNAL /			
INTERNAL	BY P5Q3CI	53.285	0.159	0.162

0.158					
P5Q3CI	ON	INCBCL	/		
INCBCL	BY	P5Q3CI		1005.004	0.632 0.659
0.645					
P5Q3CN	ON	INTERNAL	/		
INTERNAL	BY	P5Q3CN		39.383	0.115 0.117
0.114					
P5Q3CN	ON	INCBCL	/		
INCBCL	BY	P5Q3CN		594.493	0.461 0.481
0.467					
P5Q3C0	ON	INTERNAL	/		
INTERNAL	BY	P5Q3C0		62.211	0.128 0.131
0.126					
P5Q3C0	ON	PAF	/		
PAF	BY	P5Q3C0		15.081	-0.065 -0.066
-0.063					
P5Q3C0	ON	INCBCL	/		
INCBCL	BY	P5Q3C0		876.566	0.499 0.520
0.500					
P5Q3CQ	ON	INTERNAL	/		
INTERNAL	BY	P5Q3CQ		43.390	0.174 0.178
0.169					
P5Q3CQ	ON	INCBCL	/		
INCBCL	BY	P5Q3CQ		703.791	0.618 0.645
0.614					
P5Q3CW	ON	INTERNAL	/		
INTERNAL	BY	P5Q3CW		27.581	0.091 0.093
0.091					
P5Q3CW	ON	INCBCL	/		
INCBCL	BY	P5Q3CW		718.620	0.486 0.507
0.493					
INTERNAL	ON	EXTERN	/		
EXTERN	BY	INTERNAL		178.349	0.428 0.440
0.440					
INTERNAL	ON	EXCBCL	/		
EXCBCL	BY	INTERNAL		178.360	0.094 0.099
0.099					
EXTERN	ON	INTERNAL	/		
INTERNAL	BY	EXTERN		35.850	0.354 0.344
0.344					
EXTERN	ON	INCBCL	/		
INCBCL	BY	EXTERN		35.846	0.053 0.053
0.053					
PAF	ON	INTERNAL	/		
INTERNAL	BY	PAF		159.397	-0.680 -0.688
-0.688					
PAF	ON	EXTERN	/		
EXTERN	BY	PAF		58.353	-0.223 -0.232
-0.232					
PAF	ON	INCBCL	/		

INCBCL -0.106	BY PAF	159.375	-0.102	-0.106
PAF EXCBCL -0.052	ON EXCBCL / BY PAF	58.354	-0.049	-0.052
INCBCL INTERNAL 0.143	ON INTERNAL / BY INCBCL	188.290	0.147	0.143
INCBCL EXTERN 0.398	ON EXTERN / BY INCBCL	2630.934	0.396	0.398
INCBCL PAF -0.104	ON PAF / BY INCBCL	187.242	-0.108	-0.104
INCBCL EXCBCL 0.732	ON EXCBCL / BY INCBCL	18033.854	0.714	0.732
EXCBCL INTERNAL 0.198	ON INTERNAL / BY EXCBCL	1328.985	0.207	0.198
EXCBCL EXTERN 0.186	ON EXTERN / BY EXCBCL	236.610	0.190	0.186
EXCBCL PAF -0.069	ON PAF / BY EXCBCL	173.262	-0.074	-0.069
EXCBCL INCBCL 0.697	ON INCBCL / BY EXCBCL	18033.877	0.714	0.697

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INTERNAL 0.099	ON K6D2AG_R	15.012	0.100	0.098
INTERNAL 0.106	ON K6D2AI_R	16.898	0.108	0.106
INTERNAL 0.124	ON K6D2D_R	22.199	0.126	0.124
INTERNAL 0.135	ON K6D2T_R	25.252	0.137	0.134
INTERNAL -0.139	ON K6D2AC_R	27.728	-0.141	-0.138
INTERNAL -0.106	ON K6D2AK_R	16.867	-0.108	-0.106
INTERNAL -0.197	ON K6D2X_R	46.748	-0.200	-0.197
INTERNAL 0.144	ON K6D2A_R	71.477	0.146	0.143
INTERNAL 0.150	ON K6D2P_R	81.433	0.151	0.148

INTERNAL ON K6D2R_R 0.245	221.918	0.248	0.243
INTERNAL ON K6D2Z_R 0.145	74.469	0.147	0.144
INTERNAL ON K6D2AB_R 0.147	77.567	0.149	0.146
INTERNAL ON K6D2AJ_R 0.167	98.705	0.168	0.165
INTERNAL ON K6D61M 0.085	16.929	0.086	0.084
INTERNAL ON K6D40_R 0.135	22.903	0.137	0.134
INTERNAL ON K6D48_R 0.093	16.452	0.094	0.093
INTERNAL ON K6F68_R 0.324	82.155	0.327	0.321
INTERNAL ON K6F74_R 0.305	75.587	0.308	0.302
INTERNAL ON K6D2B_R -0.166	77.120	-0.168	-0.165
INTERNAL ON K6D2G_R 0.080	10.729	0.081	0.079
INTERNAL ON K6D2I_R 0.141	55.901	0.144	0.141
INTERNAL ON K6D2K_R 0.104	30.415	0.106	0.104
INTERNAL ON K6D2M_R 0.132	47.704	0.134	0.132
INTERNAL ON K6D2S_R -0.184	108.130	-0.186	-0.183
INTERNAL ON K6D2V_R 0.092	20.796	0.093	0.091
INTERNAL ON K6D2AE_R 0.111	37.498	0.113	0.111
INTERNAL ON P5Q3X 0.134	176.489	0.133	0.131
INTERNAL ON P5Q3AA 0.094	145.002	0.092	0.090
INTERNAL ON P5Q3AL 0.114	128.077	0.113	0.111
INTERNAL ON P5Q3AP 0.105	147.750	0.104	0.102
INTERNAL ON P5Q3BI 0.131	102.364	0.132	0.129
INTERNAL ON P5Q3BZ 0.130	190.036	0.128	0.125
INTERNAL ON P5Q3CJ 0.121	172.640	0.119	0.117
INTERNAL ON P5Q3C 0.115	150.894	0.114	0.112

INTERNAL ON P5Q30 0.106	159.080	0.103	0.102
INTERNAL ON P5Q3R 0.121	165.289	0.120	0.118
INTERNAL ON P5Q3S 0.103	161.433	0.101	0.099
INTERNAL ON P5Q3T 0.100	156.677	0.098	0.096
INTERNAL ON P5Q3U 0.091	132.319	0.090	0.088
INTERNAL ON P5Q3V 0.094	131.836	0.092	0.090
INTERNAL ON P5Q3AJ 0.104	142.037	0.102	0.100
INTERNAL ON P5Q3BC 0.111	174.245	0.108	0.106
INTERNAL ON P5Q3BN 0.116	165.045	0.114	0.112
INTERNAL ON P5Q3CF 0.108	162.494	0.106	0.104
INTERNAL ON P5Q3CG 0.110	160.718	0.109	0.107
INTERNAL ON P5Q3CH 0.129	164.747	0.128	0.126
INTERNAL ON P5Q3CI 0.142	162.824	0.141	0.139
INTERNAL ON P5Q3CN 0.117	156.750	0.116	0.114
INTERNAL ON P5Q3C0 0.098	152.558	0.096	0.094
INTERNAL ON P5Q3CQ 0.105	170.722	0.102	0.100
INTERNAL ON P5Q3CW 0.119	155.410	0.118	0.116
EXTERN ON K6D2J_R 0.060	12.836	0.062	0.060
EXTERN ON K6D2AK_R 0.237	200.957	0.248	0.237
EXTERN ON K6D2C_R 0.089	27.490	0.093	0.089
EXTERN ON K6D2N_R -0.075	16.733	-0.078	-0.075
EXTERN ON K6D2P_R -0.119	14.827	-0.124	-0.118
EXTERN ON K6D2R_R -0.227	57.443	-0.236	-0.225
EXTERN ON K6D2AJ_R -0.225	49.940	-0.233	-0.222
EXTERN ON K6D61C 0.376	56.210	0.388	0.370

EXTERN 0.229	ON K6D61D	37.955	0.238	0.227
EXTERN 0.206	ON K6D61E	19.434	0.214	0.204
EXTERN 0.417	ON K6D61K	72.086	0.429	0.410
EXTERN 0.269	ON K6D61L	38.101	0.279	0.267
EXTERN -0.130	ON K6D2I_R	60.500	-0.136	-0.130
EXTERN -0.071	ON K6D2V_R	14.754	-0.075	-0.071
EXTERN 0.076	ON K6D2AA_R	15.250	0.079	0.075
EXTERN 0.110	ON K6D2AE_R	42.816	0.115	0.110
EXTERN 0.072	ON P5Q3M	32.373	0.074	0.071
EXTERN 0.045	ON P5Q3AB	12.412	0.047	0.044
EXTERN 0.054	ON P5Q3AD	23.002	0.056	0.054
EXTERN 0.069	ON P5Q3AF	41.549	0.071	0.068
EXTERN 0.059	ON P5Q3AH	35.176	0.061	0.058
EXTERN 0.069	ON P5Q3AR	33.044	0.071	0.067
EXTERN 0.049	ON P5Q3AV	24.023	0.051	0.048
EXTERN 0.055	ON P5Q3AX	30.197	0.056	0.054
EXTERN 0.049	ON P5Q3BQ	19.828	0.050	0.048
EXTERN 0.065	ON P5Q3CK	38.036	0.067	0.064
EXTERN 0.036	ON P5Q3DB	11.092	0.038	0.036
EXTERN 0.085	ON P5Q3E	34.353	0.088	0.084
EXTERN 0.061	ON P5Q3A0	27.306	0.063	0.060
EXTERN 0.065	ON P5Q3BK	31.907	0.067	0.064
EXTERN 0.090	ON P5Q3B0	56.815	0.093	0.088
EXTERN 0.069	ON P5Q3CU	35.800	0.071	0.068
EXTERN 0.069	ON P5Q3DA	42.854	0.071	0.068

EXTERN 0.062	ON P5Q3AS	27.570	0.064	0.061
EXTERN 0.069	ON P5Q3AU	27.804	0.072	0.068
EXTERN 0.063	ON P5Q3AZ	37.594	0.065	0.062
EXTERN 0.055	ON P5Q3BB1	25.992	0.056	0.053
EXTERN 0.061	ON P5Q3BB2	27.574	0.063	0.060
EXTERN 0.060	ON P5Q3BB5	18.060	0.062	0.059
EXTERN 0.048	ON P5Q3BB6	22.423	0.050	0.047
EXTERN 0.055	ON P5Q3BB7	22.554	0.057	0.054
PAF -0.179	ON K6D2AC_R	111.942	-0.179	-0.178
PAF 0.076	ON K6D2AK_R	18.361	0.076	0.076
PAF -0.166	ON K6D2N_R	102.747	-0.166	-0.165
PAF -0.226	ON K6D2X_R	151.989	-0.226	-0.225
PAF -0.073	ON K6D2P_R	22.988	-0.072	-0.072
PAF 0.060	ON K6D2Z_R	14.987	0.060	0.059
PAF -0.094	ON K6D2AJ_R	37.411	-0.094	-0.093
PAF -0.101	ON K6D61C	23.286	-0.100	-0.100
PAF -0.108	ON K6D61K	27.392	-0.107	-0.106
PAF -0.155	ON K6D61M	75.623	-0.156	-0.155
PAF -0.180	ON K6D40_R	52.636	-0.180	-0.178
PAF -0.111	ON K6D48_R	29.891	-0.111	-0.110
PAF -0.103	ON K6F63_R	28.508	-0.103	-0.102
PAF -0.242	ON K6F68_R	56.295	-0.241	-0.239
PAF -0.215	ON K6F74_R	45.961	-0.215	-0.213
PAF -0.261	ON K6D2B_R	75.683	-0.262	-0.260
PAF 0.122	ON K6D2G_R	10.469	0.123	0.122

PAF 0.103	ON K6D2I_R	12.389	0.104	0.103
PAF 0.155	ON K6D2K_R	27.935	0.156	0.155
PAF 0.161	ON K6D2M_R	29.108	0.162	0.160
PAF -0.292	ON K6D2S_R	107.124	-0.292	-0.290
PAF 0.242	ON K6D2AE_R	73.702	0.243	0.242
PAF 0.114	ON K6D2AF_R	10.416	0.114	0.114
PAF -0.128	ON P5Q3M	114.778	-0.128	-0.127
PAF -0.109	ON P5Q3AB	82.820	-0.109	-0.108
PAF -0.118	ON P5Q3AD	121.141	-0.117	-0.116
PAF -0.122	ON P5Q3AF	144.834	-0.121	-0.120
PAF -0.117	ON P5Q3AH	149.913	-0.115	-0.114
PAF -0.122	ON P5Q3AR	116.557	-0.121	-0.120
PAF -0.111	ON P5Q3AV	133.602	-0.109	-0.108
PAF -0.108	ON P5Q3AX	129.421	-0.106	-0.105
PAF -0.122	ON P5Q3BQ	140.305	-0.121	-0.121
PAF -0.122	ON P5Q3CK	146.074	-0.120	-0.119
PAF -0.112	ON P5Q3DB	115.702	-0.111	-0.110
PAF -0.139	ON P5Q3E	101.286	-0.139	-0.138
PAF -0.134	ON P5Q3A0	148.253	-0.133	-0.132
PAF -0.119	ON P5Q3BK	119.680	-0.118	-0.117
PAF -0.136	ON P5Q3B0	145.295	-0.135	-0.134
PAF -0.123	ON P5Q3CU	127.521	-0.122	-0.121
PAF -0.123	ON P5Q3DA	148.056	-0.121	-0.120
PAF -0.132	ON P5Q3AS	137.670	-0.131	-0.130
PAF -0.143	ON P5Q3AU	129.755	-0.142	-0.141

PAF	ON P5Q3AZ	129.097	-0.109	-0.108
-0.111				
PAF	ON P5Q3BB1	141.735	-0.119	-0.118
-0.121				
PAF	ON P5Q3BB2	100.481	-0.110	-0.109
-0.111				
PAF	ON P5Q3BB5	119.774	-0.147	-0.146
-0.147				
PAF	ON P5Q3BB6	141.272	-0.114	-0.113
-0.115				
PAF	ON P5Q3BB7	130.039	-0.125	-0.124
-0.126				
PAF	ON P5Q3X	50.331	-0.065	-0.064
-0.066				
PAF	ON P5Q3AA	42.416	-0.045	-0.045
-0.047				
PAF	ON P5Q3AL	37.166	-0.055	-0.055
-0.056				
PAF	ON P5Q3AP	51.216	-0.056	-0.055
-0.057				
PAF	ON P5Q3BI	26.592	-0.061	-0.061
-0.061				
PAF	ON P5Q3BZ	47.486	-0.058	-0.058
-0.060				
PAF	ON P5Q3CJ	54.067	-0.061	-0.061
-0.063				
PAF	ON P5Q3C	70.791	-0.071	-0.070
-0.072				
PAF	ON P5Q30	59.541	-0.058	-0.057
-0.060				
PAF	ON P5Q3R	51.854	-0.061	-0.061
-0.063				
PAF	ON P5Q3S	49.196	-0.051	-0.050
-0.052				
PAF	ON P5Q3T	51.114	-0.051	-0.051
-0.053				
PAF	ON P5Q3U	52.206	-0.051	-0.051
-0.053				
PAF	ON P5Q3V	43.592	-0.048	-0.048
-0.049				
PAF	ON P5Q3AJ	46.728	-0.053	-0.053
-0.055				
PAF	ON P5Q3BC	54.872	-0.056	-0.055
-0.058				
PAF	ON P5Q3BN	53.390	-0.059	-0.058
-0.060				
PAF	ON P5Q3CF	55.859	-0.057	-0.056
-0.058				
PAF	ON P5Q3CG	59.793	-0.061	-0.060
-0.062				

PAF -0.078	ON P5Q3CH	70.859	-0.076	-0.076
PAF -0.071	ON P5Q3CI	47.877	-0.070	-0.069
PAF -0.059	ON P5Q3CN	47.525	-0.058	-0.058
PAF -0.055	ON P5Q3C0	57.013	-0.053	-0.053
PAF -0.054	ON P5Q3CQ	52.642	-0.051	-0.051
PAF -0.053	ON P5Q3CW	35.912	-0.052	-0.051
INCBCL 0.129	ON K6D2AG_R	134.136	0.134	0.128
INCBCL 0.124	ON K6D2AI_R	90.048	0.129	0.124
INCBCL 0.152	ON K6D2D_R	150.378	0.158	0.151
INCBCL 0.109	ON K6D2J_R	72.960	0.114	0.109
INCBCL 0.140	ON K6D2T_R	133.693	0.146	0.140
INCBCL 0.121	ON K6D2AC_R	133.320	0.125	0.120
INCBCL 0.137	ON K6D2AK_R	109.006	0.143	0.137
INCBCL 0.112	ON K6D2C_R	78.678	0.117	0.112
INCBCL 0.125	ON K6D2N_R	138.335	0.130	0.125
INCBCL 0.132	ON K6D2X_R	123.779	0.137	0.131
INCBCL 0.370	ON K6D2A_R	1320.369	0.384	0.368
INCBCL 0.318	ON K6D2P_R	1574.130	0.328	0.315
INCBCL 0.359	ON K6D2R_R	1393.980	0.372	0.357
INCBCL 0.361	ON K6D2Z_R	1498.905	0.373	0.358
INCBCL 0.344	ON K6D2AB_R	1405.409	0.355	0.341
INCBCL 0.323	ON K6D2AJ_R	1676.835	0.332	0.319
INCBCL 0.366	ON K6D61C	2066.564	0.375	0.360
INCBCL 0.365	ON K6D61D	1499.801	0.377	0.362
INCBCL 0.455	ON K6D61E	1931.988	0.470	0.451

INCBCL 0.360	ON K6D61K	1994.912	0.369	0.354
INCBCL 0.453	ON K6D61L	1629.599	0.469	0.450
INCBCL 0.440	ON K6D61M	1371.260	0.456	0.438
INCBCL 0.507	ON K6D40_R	2175.965	0.524	0.503
INCBCL 0.456	ON K6D48_R	1671.323	0.472	0.452
INCBCL 0.424	ON K6F63_R	1615.902	0.438	0.420
INCBCL 0.552	ON K6F68_R	2401.648	0.570	0.547
INCBCL 0.556	ON K6F74_R	2354.147	0.575	0.551
INCBCL -0.107	ON K6D2B_R	171.823	-0.111	-0.106
INCBCL -0.112	ON K6D2F_R	168.122	-0.116	-0.112
INCBCL -0.140	ON K6D2G_R	112.774	-0.146	-0.140
INCBCL -0.110	ON K6D2I_R	110.621	-0.115	-0.110
INCBCL -0.113	ON K6D2K_R	144.619	-0.117	-0.113
INCBCL -0.118	ON K6D2L_R	164.251	-0.123	-0.118
INCBCL -0.107	ON K6D2M_R	132.599	-0.111	-0.107
INCBCL -0.117	ON K6D2O_R	145.938	-0.122	-0.117
INCBCL -0.089	ON K6D2S_R	157.904	-0.092	-0.088
INCBCL -0.118	ON K6D2V_R	154.836	-0.123	-0.118
INCBCL -0.096	ON K6D2W_R	123.610	-0.100	-0.096
INCBCL -0.111	ON K6D2Y_R	142.389	-0.115	-0.111
INCBCL -0.107	ON K6D2AA_R	160.669	-0.111	-0.107
INCBCL -0.102	ON K6D2AE_R	92.186	-0.106	-0.102
INCBCL -0.118	ON K6D2AF_R	143.443	-0.123	-0.118
INCBCL -0.119	ON K6D2AH_R	117.833	-0.124	-0.119
INCBCL 0.931	ON P5Q3X	14954.751	0.948	0.909

INCBCL 0.721	ON P5Q3AA	15099.560	0.722	0.692
INCBCL 0.923	ON P5Q3AL	15512.591	0.938	0.899
INCBCL 0.807	ON P5Q3AP	15471.113	0.814	0.781
INCBCL 1.111	ON P5Q3BI	12071.305	1.147	1.101
INCBCL 0.892	ON P5Q3BZ	16824.139	0.898	0.862
INCBCL 0.863	ON P5Q3CJ	16610.963	0.869	0.833
INCBCL 0.863	ON P5Q3C	14558.821	0.878	0.842
INCBCL 0.786	ON P5Q3O	16186.313	0.787	0.755
INCBCL 0.875	ON P5Q3R	15129.522	0.890	0.854
INCBCL 0.762	ON P5Q3S	16109.873	0.762	0.731
INCBCL 0.747	ON P5Q3T	16078.812	0.746	0.716
INCBCL 0.735	ON P5Q3U	15142.441	0.737	0.707
INCBCL 0.752	ON P5Q3V	15105.575	0.755	0.724
INCBCL 0.814	ON P5Q3AJ	16279.710	0.817	0.784
INCBCL 0.788	ON P5Q3BC	16942.033	0.787	0.755
INCBCL 0.837	ON P5Q3BN	16041.386	0.845	0.811
INCBCL 0.789	ON P5Q3CF	15822.543	0.795	0.762
INCBCL 0.818	ON P5Q3CG	16257.168	0.826	0.792
INCBCL 0.933	ON P5Q3CH	16436.729	0.948	0.909
INCBCL 1.022	ON P5Q3CI	16315.292	1.043	1.001
INCBCL 0.869	ON P5Q3CN	15637.905	0.880	0.844
INCBCL 0.743	ON P5Q3CO	15720.575	0.744	0.713
INCBCL 0.758	ON P5Q3CQ	17026.566	0.752	0.722
INCBCL 0.889	ON P5Q3CW	15529.473	0.902	0.866
EXCBCL 0.167	ON K6D2AG_R	877.135	0.177	0.166

EXCBCL 0.197	ON K6D2AI_R	786.562	0.210	0.197
EXCBCL 0.198	ON K6D2D_R	920.623	0.211	0.197
EXCBCL 0.196	ON K6D2J_R	823.688	0.209	0.196
EXCBCL 0.189	ON K6D2T_R	904.274	0.202	0.189
EXCBCL 0.167	ON K6D2AC_R	1031.464	0.178	0.166
EXCBCL 0.235	ON K6D2AK_R	1083.812	0.251	0.235
EXCBCL 0.200	ON K6D2C_R	881.811	0.214	0.200
EXCBCL 0.167	ON K6D2N_R	988.139	0.178	0.166
EXCBCL 0.198	ON K6D2X_R	1050.059	0.211	0.197
EXCBCL 0.085	ON K6D2A_R	50.271	0.091	0.085
EXCBCL 0.089	ON K6D2P_R	65.067	0.094	0.088
EXCBCL 0.046	ON K6D2R_R	15.061	0.049	0.046
EXCBCL 0.097	ON K6D2Z_R	68.941	0.103	0.097
EXCBCL 0.101	ON K6D2AB_R	75.967	0.107	0.100
EXCBCL 0.122	ON K6D2AJ_R	123.483	0.129	0.120
EXCBCL 0.155	ON K6D61C	169.488	0.163	0.152
EXCBCL 0.158	ON K6D61D	161.654	0.168	0.157
EXCBCL 0.214	ON K6D61E	233.153	0.227	0.212
EXCBCL 0.152	ON K6D61K	161.592	0.159	0.149
EXCBCL 0.174	ON K6D61L	143.077	0.184	0.172
EXCBCL 0.085	ON K6D61M	36.689	0.091	0.085
EXCBCL 0.242	ON K6D40_R	256.156	0.257	0.240
EXCBCL 0.114	ON K6D48_R	60.993	0.121	0.113
EXCBCL 0.145	ON K6F63_R	110.753	0.153	0.143
EXCBCL 0.228	ON K6F68_R	185.133	0.241	0.226

EXCBCL 0.232	ON K6F74_R	192.240	0.245	0.230
EXCBCL -0.070	ON K6D2B_R	140.792	-0.074	-0.069
EXCBCL -0.076	ON K6D2F_R	144.148	-0.081	-0.076
EXCBCL -0.102	ON K6D2G_R	112.456	-0.109	-0.102
EXCBCL -0.094	ON K6D2I_R	153.341	-0.100	-0.093
EXCBCL -0.080	ON K6D2K_R	134.945	-0.085	-0.080
EXCBCL -0.079	ON K6D2L_R	141.085	-0.084	-0.078
EXCBCL -0.078	ON K6D2M_R	131.435	-0.083	-0.077
EXCBCL -0.077	ON K6D2O_R	119.704	-0.082	-0.077
EXCBCL -0.059	ON K6D2S_R	134.086	-0.062	-0.058
EXCBCL -0.088	ON K6D2V_R	163.435	-0.094	-0.088
EXCBCL -0.069	ON K6D2W_R	121.569	-0.073	-0.068
EXCBCL -0.071	ON K6D2Y_R	111.254	-0.075	-0.070
EXCBCL -0.063	ON K6D2AA_R	108.232	-0.068	-0.063
EXCBCL -0.068	ON K6D2AE_R	77.971	-0.072	-0.068
EXCBCL -0.084	ON K6D2AF_R	138.122	-0.089	-0.083
EXCBCL -0.088	ON K6D2AH_R	123.424	-0.094	-0.088
EXCBCL 0.881	ON P5Q3M	14512.626	0.931	0.872
EXCBCL 0.842	ON P5Q3AB	11600.231	0.891	0.834
EXCBCL 0.808	ON P5Q3AD	14549.724	0.851	0.796
EXCBCL 0.777	ON P5Q3AF	15643.019	0.815	0.762
EXCBCL 0.739	ON P5Q3AH	16505.721	0.770	0.721
EXCBCL 0.852	ON P5Q3AR	15032.779	0.897	0.839
EXCBCL 0.729	ON P5Q3AV	15378.501	0.762	0.713
EXCBCL 0.735	ON P5Q3AX	16096.937	0.766	0.717

EXCBCL	ON	P5Q3BQ	13259.661	0.807	0.755
0.766					
EXCBCL	ON	P5Q3CK	17168.912	0.831	0.777
0.797					
EXCBCL	ON	P5Q3DB	13245.389	0.815	0.763
0.773					
EXCBCL	ON	P5Q3E	12556.724	1.037	0.971
0.978					
EXCBCL	ON	P5Q3A0	14072.592	0.874	0.817
0.829					
EXCBCL	ON	P5Q3BK	15078.449	0.880	0.823
0.837					
EXCBCL	ON	P5Q3B0	14245.581	0.889	0.831
0.842					
EXCBCL	ON	P5Q3CU	15248.963	0.877	0.821
0.835					
EXCBCL	ON	P5Q3DA	15553.615	0.808	0.756
0.771					
EXCBCL	ON	P5Q3AS	13424.937	0.865	0.810
0.820					
EXCBCL	ON	P5Q3AU	14437.583	0.988	0.924
0.936					
EXCBCL	ON	P5Q3AZ	15984.486	0.793	0.742
0.759					
EXCBCL	ON	P5Q3BB1	15089.638	0.814	0.761
0.777					
EXCBCL	ON	P5Q3BB2	13296.109	0.867	0.811
0.822					
EXCBCL	ON	P5Q3BB5	12256.547	1.028	0.962
0.970					
EXCBCL	ON	P5Q3BB6	14698.756	0.773	0.723
0.738					
EXCBCL	ON	P5Q3BB7	15421.000	0.887	0.830
0.845					
K6D2AG_R	ON	K6D2AI_R	14.076	0.104	0.104
0.104					
K6D2AG_R	ON	K6D2T_R	39.241	0.166	0.166
0.166					
K6D2AG_R	ON	K6D61D	13.487	-0.092	-0.092
-0.093					
K6D2AG_R	ON	K6D61E	13.158	-0.103	-0.103
-0.103					
K6D2AG_R	ON	K6D61K	11.414	-0.077	-0.077
-0.078					
K6D2AG_R	ON	K6D61L	12.083	-0.104	-0.104
-0.104					
K6D2AI_R	ON	K6D2AG_R	14.078	0.104	0.104
0.104					
K6D2AI_R	ON	K6D2I_R	14.894	0.108	0.108
0.108					

K6D2AI_R ON K6D2K_R 0.085	10.563	0.085	0.085
K6D2AI_R ON K6D2M_R 0.113	18.584	0.113	0.113
K6D2AI_R ON K6D2V_R 0.090	10.833	0.090	0.090
K6D2D_R ON K6D2T_R 0.155	28.228	0.155	0.155
K6D2D_R ON K6D2C_R 0.126	19.105	0.126	0.126
K6D2D_R ON K6D2A_R 0.081	10.924	0.081	0.081
K6D2D_R ON K6D2R_R 0.085	13.106	0.084	0.084
K6D2D_R ON K6D2B_R 0.086	12.657	0.086	0.086
K6D2D_R ON K6D2F_R 0.107	18.057	0.107	0.107
K6D2D_R ON K6D2G_R 0.158	17.805	0.159	0.159
K6D2D_R ON K6D2I_R 0.150	26.827	0.150	0.150
K6D2D_R ON K6D2K_R 0.148	29.680	0.148	0.148
K6D2D_R ON K6D2L_R 0.120	17.324	0.120	0.120
K6D2D_R ON K6D2M_R 0.133	24.662	0.133	0.133
K6D2D_R ON K6D2O_R 0.086	10.083	0.086	0.086
K6D2D_R ON K6D2S_R 0.090	17.558	0.090	0.090
K6D2D_R ON K6D2V_R 0.145	27.007	0.145	0.145
K6D2D_R ON K6D2W_R 0.124	23.809	0.124	0.124
K6D2D_R ON K6D2Y_R 0.109	15.300	0.109	0.109
K6D2D_R ON K6D2AA_R 0.116	20.621	0.116	0.116
K6D2D_R ON K6D2AE_R 0.143	24.732	0.143	0.143
K6D2D_R ON K6D2AF_R 0.139	21.507	0.139	0.139
K6D2D_R ON K6D2AH_R 0.129	17.926	0.129	0.129
K6D2D_R ON P5Q3X 0.097	20.351	0.095	0.095
K6D2D_R ON P5Q3AA 0.065	15.244	0.063	0.063

K6D2D_R	ON	P5Q3AL	14.033	0.079	0.079
0.081					
K6D2D_R	ON	P5Q3AP	14.579	0.069	0.069
0.071					
K6D2D_R	ON	P5Q3BI	10.890	0.092	0.092
0.092					
K6D2D_R	ON	P5Q3BZ	19.816	0.086	0.086
0.089					
K6D2D_R	ON	P5Q3CJ	16.655	0.079	0.079
0.081					
K6D2D_R	ON	P5Q3C	14.573	0.075	0.075
0.076					
K6D2D_R	ON	P5Q30	17.349	0.072	0.072
0.074					
K6D2D_R	ON	P5Q3R	19.637	0.087	0.087
0.089					
K6D2D_R	ON	P5Q3S	16.789	0.068	0.068
0.071					
K6D2D_R	ON	P5Q3T	15.894	0.065	0.065
0.068					
K6D2D_R	ON	P5Q3U	13.048	0.059	0.059
0.061					
K6D2D_R	ON	P5Q3V	14.035	0.063	0.063
0.065					
K6D2D_R	ON	P5Q3AJ	14.961	0.069	0.069
0.072					
K6D2D_R	ON	P5Q3BC	19.517	0.075	0.075
0.078					
K6D2D_R	ON	P5Q3BN	17.545	0.078	0.078
0.081					
K6D2D_R	ON	P5Q3CF	18.564	0.075	0.075
0.078					
K6D2D_R	ON	P5Q3CG	18.656	0.078	0.078
0.081					
K6D2D_R	ON	P5Q3CH	19.531	0.092	0.092
0.094					
K6D2D_R	ON	P5Q3CI	18.640	0.100	0.100
0.102					
K6D2D_R	ON	P5Q3CN	16.369	0.079	0.079
0.081					
K6D2D_R	ON	P5Q3C0	16.894	0.067	0.067
0.070					
K6D2D_R	ON	P5Q3CQ	18.706	0.070	0.070
0.073					
K6D2D_R	ON	P5Q3CW	17.814	0.084	0.084
0.086					
K6D2J_R	ON	K6D2C_R	11.739	0.094	0.094
0.094					
K6D2J_R	ON	K6D2A_R	16.117	0.089	0.089
0.089					

K6D2J_R	ON	K6D2P_R	14.906	0.070	0.070
0.070					
K6D2J_R	ON	K6D2R_R	22.434	0.098	0.098
0.099					
K6D2J_R	ON	K6D2Z_R	15.954	0.081	0.081
0.081					
K6D2J_R	ON	K6D2AB_R	12.172	0.071	0.071
0.072					
K6D2J_R	ON	K6D2AJ_R	10.360	0.059	0.059
0.059					
K6D2J_R	ON	K6F68_R	11.266	0.102	0.102
0.103					
K6D2J_R	ON	K6F74_R	11.173	0.104	0.104
0.105					
K6D2J_R	ON	K6D2G_R	13.660	0.130	0.130
0.130					
K6D2J_R	ON	K6D2I_R	25.029	0.130	0.130
0.130					
K6D2J_R	ON	K6D2K_R	24.179	0.123	0.123
0.123					
K6D2J_R	ON	K6D2L_R	12.690	0.099	0.099
0.099					
K6D2J_R	ON	K6D2M_R	19.086	0.109	0.109
0.109					
K6D2J_R	ON	K6D2V_R	22.513	0.125	0.125
0.125					
K6D2J_R	ON	K6D2W_R	10.729	0.077	0.077
0.077					
K6D2J_R	ON	K6D2AE_R	16.235	0.103	0.103
0.103					
K6D2J_R	ON	K6D2AF_R	10.520	0.091	0.091
0.091					
K6D2J_R	ON	P5Q3AA	11.323	0.050	0.050
0.052					
K6D2J_R	ON	P5Q3BZ	11.362	0.061	0.061
0.063					
K6D2J_R	ON	P5Q3C	12.309	0.064	0.064
0.066					
K6D2J_R	ON	P5Q3BC	10.171	0.051	0.051
0.053					
K6D2J_R	ON	P5Q3BN	10.569	0.057	0.057
0.059					
K6D2J_R	ON	P5Q3CF	11.866	0.057	0.057
0.058					
K6D2J_R	ON	P5Q3C0	10.070	0.049	0.049
0.051					
K6D2J_R	ON	P5Q3CQ	10.144	0.049	0.049
0.051					
K6D2T_R	ON	K6D2AG_R	39.241	0.166	0.166
0.166					

K6D2T_R ON K6D2D_R 0.155	28.225	0.155	0.155
K6D2T_R ON K6D2R_R 0.083	12.173	0.082	0.082
K6D2T_R ON K6D2F_R 0.096	13.947	0.096	0.096
K6D2T_R ON K6D2G_R 0.157	16.142	0.157	0.157
K6D2T_R ON K6D2I_R 0.128	18.791	0.128	0.128
K6D2T_R ON K6D2L_R 0.122	16.911	0.122	0.122
K6D2T_R ON K6D2M_R 0.099	13.421	0.099	0.099
K6D2T_R ON K6D2S_R 0.093	18.016	0.093	0.093
K6D2T_R ON K6D2V_R 0.098	12.356	0.098	0.098
K6D2T_R ON K6D2W_R 0.092	13.204	0.092	0.092
K6D2T_R ON K6D2Y_R 0.105	13.760	0.105	0.105
K6D2T_R ON K6D2AA_R 0.092	12.910	0.092	0.092
K6D2T_R ON K6D2AE_R 0.137	21.346	0.137	0.137
K6D2T_R ON K6D2AF_R 0.132	18.664	0.132	0.132
K6D2T_R ON K6D2AH_R 0.115	13.713	0.115	0.115
K6D2AC_R ON K6D2B_R -0.165	58.539	-0.165	-0.165
K6D2AC_R ON K6D2F_R -0.142	35.527	-0.142	-0.142
K6D2AC_R ON K6D2G_R -0.151	16.454	-0.152	-0.152
K6D2AC_R ON K6D2K_R -0.097	12.986	-0.097	-0.097
K6D2AC_R ON K6D2L_R -0.173	40.481	-0.173	-0.173
K6D2AC_R ON K6D2O_R -0.124	21.528	-0.124	-0.124
K6D2AC_R ON K6D2S_R -0.160	85.303	-0.160	-0.160
K6D2AC_R ON K6D2V_R -0.104	13.861	-0.104	-0.104
K6D2AC_R ON K6D2W_R -0.114	21.176	-0.114	-0.114
K6D2AC_R ON K6D2Y_R -0.153	32.346	-0.153	-0.153

K6D2AC_R ON K6D2AA_R -0.149	41.742	-0.150	-0.150
K6D2AC_R ON K6D2AF_R -0.138	21.827	-0.138	-0.138
K6D2AC_R ON K6D2AH_R -0.113	14.376	-0.114	-0.114
K6D2AC_R ON P5Q3X 0.114	26.028	0.112	0.112
K6D2AC_R ON P5Q3AA 0.081	21.741	0.078	0.078
K6D2AC_R ON P5Q3AL 0.097	18.869	0.095	0.095
K6D2AC_R ON P5Q3AP 0.092	22.430	0.090	0.090
K6D2AC_R ON P5Q3BI 0.127	19.489	0.127	0.127
K6D2AC_R ON P5Q3BZ 0.110	27.778	0.107	0.107
K6D2AC_R ON P5Q3CJ 0.108	27.989	0.105	0.105
K6D2AC_R ON P5Q3C 0.105	25.239	0.103	0.103
K6D2AC_R ON P5Q30 0.090	23.255	0.087	0.087
K6D2AC_R ON P5Q3R 0.109	27.007	0.107	0.107
K6D2AC_R ON P5Q3S 0.090	24.791	0.086	0.086
K6D2AC_R ON P5Q3T 0.084	22.419	0.081	0.081
K6D2AC_R ON P5Q3U 0.081	20.731	0.078	0.078
K6D2AC_R ON P5Q3V 0.081	19.605	0.078	0.078
K6D2AC_R ON P5Q3AJ 0.091	21.859	0.088	0.088
K6D2AC_R ON P5Q3BC 0.096	26.480	0.093	0.093
K6D2AC_R ON P5Q3BN 0.104	26.904	0.101	0.101
K6D2AC_R ON P5Q3CF 0.095	25.270	0.092	0.092
K6D2AC_R ON P5Q3CG 0.097	24.697	0.094	0.094
K6D2AC_R ON P5Q3CH 0.112	24.971	0.110	0.110
K6D2AC_R ON P5Q3CI 0.120	23.927	0.118	0.118
K6D2AC_R ON P5Q3CN 0.098	21.825	0.096	0.096

K6D2AC_R ON P5Q3C0 0.088	24.573	0.085	0.085
K6D2AC_R ON P5Q3CQ 0.090	25.661	0.087	0.087
K6D2AC_R ON P5Q3CW 0.100	22.160	0.098	0.098
K6D2AK_R ON K6D2A_R 0.274	137.124	0.273	0.273
K6D2AK_R ON K6D2P_R 0.243	172.695	0.241	0.241
K6D2AK_R ON K6D2R_R 0.277	164.927	0.275	0.275
K6D2AK_R ON K6D2Z_R 0.265	158.363	0.263	0.263
K6D2AK_R ON K6D2AB_R 0.268	165.313	0.266	0.266
K6D2AK_R ON K6D2AJ_R 0.268	250.306	0.265	0.265
K6D2AK_R ON K6D61C 0.276	168.304	0.272	0.272
K6D2AK_R ON K6D61D 0.274	133.263	0.272	0.272
K6D2AK_R ON K6D61E 0.329	153.855	0.327	0.327
K6D2AK_R ON K6D61K 0.276	165.470	0.272	0.272
K6D2AK_R ON K6D61L 0.339	144.180	0.337	0.337
K6D2AK_R ON K6D61M 0.315	124.709	0.314	0.314
K6D2AK_R ON K6D40_R 0.378	172.380	0.375	0.375
K6D2AK_R ON K6D48_R 0.325	134.242	0.324	0.324
K6D2AK_R ON K6F63_R 0.301	129.313	0.300	0.300
K6D2AK_R ON K6F68_R 0.443	214.012	0.440	0.440
K6D2AK_R ON K6F74_R 0.446	207.265	0.443	0.443
K6D2AK_R ON K6D2B_R 0.135	30.342	0.135	0.135
K6D2AK_R ON K6D2F_R 0.152	36.982	0.152	0.152
K6D2AK_R ON K6D2G_R 0.181	24.769	0.181	0.181
K6D2AK_R ON K6D2I_R 0.088	10.727	0.088	0.088
K6D2AK_R ON K6D2K_R 0.116	20.747	0.116	0.116

K6D2AK_R ON K6D2L_R 0.174	34.936	0.174	0.174
K6D2AK_R ON K6D2M_R 0.131	25.550	0.131	0.131
K6D2AK_R ON K6D2O_R 0.137	26.466	0.137	0.137
K6D2AK_R ON K6D2S_R 0.127	35.237	0.127	0.127
K6D2AK_R ON K6D2V_R 0.127	22.188	0.127	0.127
K6D2AK_R ON K6D2W_R 0.133	29.002	0.133	0.133
K6D2AK_R ON K6D2Y_R 0.146	28.252	0.146	0.146
K6D2AK_R ON K6D2AA_R 0.164	41.869	0.163	0.163
K6D2AK_R ON K6D2AE_R 0.153	31.600	0.153	0.153
K6D2AK_R ON K6D2AF_R 0.167	32.637	0.167	0.167
K6D2AK_R ON K6D2AH_R 0.138	22.877	0.139	0.139
K6D2AK_R ON P5Q3X 0.215	112.666	0.211	0.211
K6D2AK_R ON P5Q3AA 0.170	117.730	0.164	0.164
K6D2AK_R ON P5Q3AL 0.224	120.401	0.219	0.219
K6D2AK_R ON P5Q3AP 0.187	114.322	0.182	0.182
K6D2AK_R ON P5Q3BI 0.228	76.711	0.226	0.226
K6D2AK_R ON P5Q3BZ 0.220	133.831	0.213	0.213
K6D2AK_R ON P5Q3CJ 0.211	128.898	0.204	0.204
K6D2AK_R ON P5Q3C 0.196	107.101	0.192	0.192
K6D2AK_R ON P5Q3O 0.189	124.325	0.182	0.182
K6D2AK_R ON P5Q3R 0.196	106.848	0.192	0.192
K6D2AK_R ON P5Q3S 0.184	127.203	0.177	0.177
K6D2AK_R ON P5Q3T 0.178	122.456	0.171	0.171
K6D2AK_R ON P5Q3U 0.169	111.403	0.163	0.163
K6D2AK_R ON P5Q3V 0.182	121.934	0.175	0.175

K6D2AK_R ON P5Q3AJ 0.197	126.012	0.191	0.191
K6D2AK_R ON P5Q3BC 0.194	130.553	0.186	0.186
K6D2AK_R ON P5Q3BN 0.189	108.436	0.183	0.183
K6D2AK_R ON P5Q3CF 0.178	108.785	0.172	0.172
K6D2AK_R ON P5Q3CG 0.184	109.892	0.179	0.179
K6D2AK_R ON P5Q3CH 0.222	118.480	0.216	0.216
K6D2AK_R ON P5Q3CI 0.243	115.928	0.238	0.238
K6D2AK_R ON P5Q3CN 0.201	114.564	0.195	0.195
K6D2AK_R ON P5Q3C0 0.173	116.712	0.167	0.167
K6D2AK_R ON P5Q3CQ 0.184	130.946	0.176	0.176
K6D2AK_R ON P5Q3CW 0.205	113.465	0.200	0.200
K6D2C_R ON K6D2D_R 0.126	19.098	0.126	0.126
K6D2C_R ON K6D2J_R 0.094	11.736	0.094	0.094
K6D2C_R ON K6D2A_R 0.149	45.680	0.148	0.148
K6D2C_R ON K6D2P_R 0.096	26.448	0.095	0.095
K6D2C_R ON K6D2R_R 0.154	54.807	0.154	0.154
K6D2C_R ON K6D2Z_R 0.130	38.863	0.129	0.129
K6D2C_R ON K6D2AB_R 0.099	21.681	0.098	0.098
K6D2C_R ON K6D2AJ_R 0.084	20.031	0.083	0.083
K6D2C_R ON K6D61C 0.090	17.234	0.089	0.089
K6D2C_R ON K6D61E 0.086	10.248	0.086	0.086
K6D2C_R ON K6D61K 0.088	16.307	0.087	0.087
K6D2C_R ON K6D61L 0.108	14.786	0.107	0.107
K6D2C_R ON K6D61M 0.093	10.261	0.093	0.093
K6D2C_R ON K6D40_R 0.119	16.490	0.118	0.118

K6D2C_R 0.101	ON K6D48_R	12.848	0.100	0.100
K6D2C_R 0.085	ON K6F63_R	10.089	0.084	0.084
K6D2C_R 0.159	ON K6F68_R	26.707	0.158	0.158
K6D2C_R 0.162	ON K6F74_R	26.765	0.161	0.161
K6D2C_R 0.131	ON K6D2I_R	23.638	0.131	0.131
K6D2C_R 0.123	ON K6D2K_R	23.108	0.123	0.123
K6D2C_R 0.120	ON K6D2M_R	22.014	0.120	0.120
K6D2C_R 0.092	ON K6D2V_R	12.138	0.092	0.092
K6D2C_R 0.095	ON K6D2AE_R	13.005	0.095	0.095
K6D2C_R 0.108	ON P5Q3X	27.748	0.105	0.105
K6D2C_R 0.070	ON P5Q3AA	19.839	0.068	0.068
K6D2C_R 0.086	ON P5Q3AL	17.655	0.084	0.084
K6D2C_R 0.081	ON P5Q3AP	21.533	0.079	0.079
K6D2C_R 0.087	ON P5Q3BI	11.066	0.086	0.086
K6D2C_R 0.098	ON P5Q3BZ	26.751	0.095	0.095
K6D2C_R 0.090	ON P5Q3CJ	23.474	0.087	0.087
K6D2C_R 0.071	ON P5Q3C	14.097	0.069	0.069
K6D2C_R 0.079	ON P5Q30	21.968	0.077	0.077
K6D2C_R 0.087	ON P5Q3R	20.704	0.085	0.085
K6D2C_R 0.076	ON P5Q3S	21.383	0.073	0.073
K6D2C_R 0.075	ON P5Q3T	21.830	0.072	0.072
K6D2C_R 0.065	ON P5Q3U	16.466	0.063	0.063
K6D2C_R 0.070	ON P5Q3V	17.903	0.067	0.067
K6D2C_R 0.078	ON P5Q3AJ	19.588	0.076	0.076
K6D2C_R 0.084	ON P5Q3BC	24.578	0.081	0.081

K6D2C_R	ON	P5Q3BN	21.444	0.082	0.082
0.084					
K6D2C_R	ON	P5Q3CF	22.483	0.079	0.079
0.081					
K6D2C_R	ON	P5Q3CG	23.787	0.084	0.084
0.086					
K6D2C_R	ON	P5Q3CH	20.317	0.090	0.090
0.092					
K6D2C_R	ON	P5Q3CI	21.550	0.103	0.103
0.105					
K6D2C_R	ON	P5Q3CN	25.829	0.093	0.093
0.096					
K6D2C_R	ON	P5Q3C0	21.420	0.072	0.072
0.075					
K6D2C_R	ON	P5Q3CQ	23.285	0.075	0.075
0.078					
K6D2C_R	ON	P5Q3CW	19.901	0.085	0.085
0.087					
K6D2N_R	ON	K6D61C	21.720	-0.107	-0.107
-0.108					
K6D2N_R	ON	K6D61D	22.237	-0.120	-0.120
-0.121					
K6D2N_R	ON	K6D61E	23.145	-0.140	-0.140
-0.141					
K6D2N_R	ON	K6D61K	23.442	-0.112	-0.112
-0.113					
K6D2N_R	ON	K6D61L	21.753	-0.141	-0.141
-0.141					
K6D2N_R	ON	K6D40_R	12.676	-0.110	-0.110
-0.110					
K6D2N_R	ON	K6F63_R	13.758	-0.105	-0.105
-0.105					
K6D2N_R	ON	K6F68_R	12.969	-0.118	-0.118
-0.119					
K6D2N_R	ON	K6F74_R	11.832	-0.116	-0.116
-0.116					
K6D2N_R	ON	K6D2B_R	53.674	-0.153	-0.153
-0.153					
K6D2N_R	ON	K6D2F_R	27.305	-0.120	-0.120
-0.120					
K6D2N_R	ON	K6D2G_R	13.911	-0.134	-0.134
-0.133					
K6D2N_R	ON	K6D2K_R	12.674	-0.091	-0.091
-0.091					
K6D2N_R	ON	K6D2L_R	40.393	-0.164	-0.164
-0.164					
K6D2N_R	ON	K6D2M_R	12.243	-0.089	-0.089
-0.089					
K6D2N_R	ON	K6D20_R	23.393	-0.119	-0.119
-0.118					

K6D2N_R -0.149	ON K6D2S_R	75.316	-0.149	-0.149
K6D2N_R -0.098	ON K6D2V_R	13.789	-0.098	-0.098
K6D2N_R -0.116	ON K6D2W_R	24.529	-0.116	-0.116
K6D2N_R -0.139	ON K6D2Y_R	29.276	-0.140	-0.140
K6D2N_R -0.137	ON K6D2AA_R	37.617	-0.137	-0.137
K6D2N_R -0.087	ON K6D2AE_R	10.425	-0.087	-0.087
K6D2N_R -0.126	ON K6D2AF_R	20.094	-0.126	-0.126
K6D2N_R -0.095	ON K6D2AH_R	11.341	-0.096	-0.096
K6D2N_R 0.091	ON P5Q3X	17.799	0.090	0.090
K6D2N_R 0.065	ON P5Q3AA	15.108	0.063	0.063
K6D2N_R 0.078	ON P5Q3AL	12.823	0.076	0.076
K6D2N_R 0.074	ON P5Q3AP	15.816	0.072	0.072
K6D2N_R 0.098	ON P5Q3BI	12.452	0.098	0.098
K6D2N_R 0.091	ON P5Q3BZ	20.072	0.088	0.088
K6D2N_R 0.085	ON P5Q3CJ	18.263	0.082	0.082
K6D2N_R 0.089	ON P5Q3C	19.756	0.087	0.087
K6D2N_R 0.073	ON P5Q30	16.512	0.071	0.071
K6D2N_R 0.091	ON P5Q3R	20.543	0.090	0.090
K6D2N_R 0.078	ON P5Q3S	19.775	0.075	0.075
K6D2N_R 0.073	ON P5Q3T	17.856	0.070	0.070
K6D2N_R 0.067	ON P5Q3U	15.500	0.065	0.065
K6D2N_R 0.068	ON P5Q3V	14.786	0.066	0.066
K6D2N_R 0.071	ON P5Q3AJ	14.228	0.069	0.069
K6D2N_R 0.078	ON P5Q3BC	18.292	0.075	0.075
K6D2N_R 0.087	ON P5Q3BN	20.252	0.085	0.085

K6D2N_R	ON	P5Q3CF	18.503	0.076	0.076
0.078					
K6D2N_R	ON	P5Q3CG	19.489	0.080	0.080
0.083					
K6D2N_R	ON	P5Q3CH	21.427	0.098	0.098
0.100					
K6D2N_R	ON	P5Q3CI	17.942	0.100	0.100
0.101					
K6D2N_R	ON	P5Q3CN	16.978	0.081	0.081
0.083					
K6D2N_R	ON	P5Q3C0	16.800	0.068	0.068
0.070					
K6D2N_R	ON	P5Q3CQ	18.025	0.070	0.070
0.074					
K6D2N_R	ON	P5Q3CW	17.359	0.084	0.084
0.086					
K6D2X_R	ON	K6D2B_R	114.799	-0.231	-0.231
-0.231					
K6D2X_R	ON	K6D2F_R	37.532	-0.168	-0.168
-0.168					
K6D2X_R	ON	K6D2G_R	32.563	-0.244	-0.244
-0.243					
K6D2X_R	ON	K6D2I_R	17.123	-0.137	-0.137
-0.136					
K6D2X_R	ON	K6D2K_R	24.707	-0.152	-0.152
-0.151					
K6D2X_R	ON	K6D2L_R	72.112	-0.243	-0.243
-0.243					
K6D2X_R	ON	K6D2M_R	22.255	-0.141	-0.141
-0.141					
K6D2X_R	ON	K6D20_R	60.718	-0.225	-0.225
-0.224					
K6D2X_R	ON	K6D2S_R	69.640	-0.162	-0.162
-0.162					
K6D2X_R	ON	K6D2V_R	38.083	-0.189	-0.189
-0.188					
K6D2X_R	ON	K6D2W_R	42.851	-0.172	-0.172
-0.172					
K6D2X_R	ON	K6D2Y_R	52.215	-0.210	-0.210
-0.209					
K6D2X_R	ON	K6D2AA_R	52.019	-0.182	-0.182
-0.182					
K6D2X_R	ON	K6D2AE_R	21.076	-0.151	-0.151
-0.151					
K6D2X_R	ON	K6D2AF_R	53.624	-0.230	-0.230
-0.230					
K6D2X_R	ON	K6D2AH_R	34.065	-0.196	-0.196
-0.195					
K6D2X_R	ON	P5Q3X	17.042	0.105	0.105
0.107					

K6D2X_R 0.066	ON P5Q3AA	10.608	0.064	0.064
K6D2X_R 0.087	ON P5Q3AL	11.100	0.085	0.085
K6D2X_R 0.074	ON P5Q3AP	11.105	0.072	0.072
K6D2X_R 0.093	ON P5Q3BZ	14.913	0.090	0.090
K6D2X_R 0.088	ON P5Q3CJ	14.090	0.086	0.086
K6D2X_R 0.077	ON P5Q3C	10.092	0.076	0.076
K6D2X_R 0.080	ON P5Q30	13.718	0.077	0.077
K6D2X_R 0.097	ON P5Q3R	15.554	0.095	0.095
K6D2X_R 0.078	ON P5Q3S	13.489	0.075	0.075
K6D2X_R 0.073	ON P5Q3T	12.519	0.071	0.071
K6D2X_R 0.070	ON P5Q3V	10.843	0.067	0.067
K6D2X_R 0.078	ON P5Q3AJ	12.250	0.076	0.076
K6D2X_R 0.079	ON P5Q3BC	13.162	0.076	0.076
K6D2X_R 0.081	ON P5Q3BN	12.106	0.079	0.079
K6D2X_R 0.078	ON P5Q3CF	12.553	0.076	0.076
K6D2X_R 0.078	ON P5Q3CG	11.948	0.076	0.076
K6D2X_R 0.091	ON P5Q3CH	12.198	0.089	0.089
K6D2X_R 0.112	ON P5Q3CI	15.662	0.110	0.110
K6D2X_R 0.081	ON P5Q3CN	11.167	0.079	0.079
K6D2X_R 0.068	ON P5Q3C0	10.961	0.066	0.066
K6D2X_R 0.076	ON P5Q3CQ	13.617	0.073	0.073
K6D2X_R 0.082	ON P5Q3CW	10.846	0.080	0.080
K6D2A_R 0.093	ON K6D2D_R	21.734	0.093	0.093
K6D2A_R 0.082	ON K6D2J_R	17.167	0.083	0.083
K6D2A_R 0.070	ON K6D2T_R	12.068	0.070	0.070

K6D2A_R	ON	K6D2AK_R	25.916	0.110	0.110
0.110					
K6D2A_R	ON	K6D2C_R	32.453	0.111	0.111
0.111					
K6D2A_R	ON	K6D2R_R	10.818	0.092	0.092
0.092					
K6D2A_R	ON	K6D2Z_R	20.289	0.120	0.120
0.121					
K6D2A_R	ON	K6D61C	17.822	-0.254	-0.254
-0.257					
K6D2A_R	ON	K6D61K	20.007	-0.257	-0.257
-0.260					
K6D2A_R	ON	K6D40_R	14.912	-0.252	-0.252
-0.253					
K6D2A_R	ON	K6D48_R	13.008	-0.176	-0.176
-0.176					
K6D2A_R	ON	K6F63_R	15.857	-0.182	-0.182
-0.182					
K6D2A_R	ON	P5Q3M	11.394	0.086	0.086
0.087					
K6D2A_R	ON	P5Q3AD	10.442	0.073	0.073
0.074					
K6D2A_R	ON	P5Q3AF	13.507	0.079	0.079
0.080					
K6D2A_R	ON	P5Q3AH	11.552	0.068	0.068
0.069					
K6D2A_R	ON	P5Q3AR	11.688	0.081	0.081
0.082					
K6D2A_R	ON	P5Q3AX	12.592	0.071	0.071
0.072					
K6D2A_R	ON	P5Q3CK	13.533	0.077	0.077
0.079					
K6D2A_R	ON	P5Q3E	14.810	0.113	0.113
0.113					
K6D2A_R	ON	P5Q3BK	11.256	0.076	0.076
0.077					
K6D2A_R	ON	P5Q3B0	13.994	0.089	0.089
0.090					
K6D2A_R	ON	P5Q3CU	12.021	0.079	0.079
0.080					
K6D2A_R	ON	P5Q3DA	14.259	0.079	0.079
0.080					
K6D2A_R	ON	P5Q3AZ	14.131	0.076	0.076
0.077					
K6D2P_R	ON	K6D2AG_R	16.794	0.074	0.074
0.073					
K6D2P_R	ON	K6D2AI_R	18.263	0.092	0.092
0.091					
K6D2P_R	ON	K6D2D_R	24.689	0.101	0.101
0.100					

K6D2P_R 0.105	ON K6D2J_R	28.330	0.106	0.106
K6D2P_R 0.104	ON K6D2T_R	28.265	0.105	0.105
K6D2P_R 0.073	ON K6D2AC_R	18.657	0.074	0.074
K6D2P_R 0.153	ON K6D2AK_R	54.999	0.154	0.154
K6D2P_R 0.108	ON K6D2C_R	29.816	0.109	0.109
K6D2P_R 0.066	ON K6D2N_R	15.308	0.066	0.066
K6D2P_R 0.095	ON K6D2X_R	22.136	0.096	0.096
K6D2P_R 0.086	ON K6D2R_R	10.838	0.087	0.087
K6D2P_R 0.123	ON K6D2Z_R	23.391	0.123	0.123
K6D2P_R 0.105	ON K6D2AB_R	16.255	0.105	0.105
K6D2P_R 0.098	ON K6D2AJ_R	14.315	0.098	0.098
K6D2P_R -0.424	ON K6D61C	52.880	-0.422	-0.422
K6D2P_R -0.179	ON K6D61D	20.763	-0.180	-0.180
K6D2P_R -0.171	ON K6D61E	11.273	-0.172	-0.172
K6D2P_R -0.403	ON K6D61K	53.031	-0.401	-0.401
K6D2P_R -0.237	ON K6D40_R	13.890	-0.237	-0.237
K6D2P_R -0.171	ON K6D48_R	13.386	-0.172	-0.172
K6D2P_R -0.204	ON K6F63_R	21.849	-0.205	-0.205
K6D2P_R -0.292	ON K6F74_R	10.017	-0.293	-0.293
K6D2P_R -0.062	ON K6D2B_R	13.411	-0.063	-0.063
K6D2P_R -0.063	ON K6D2F_R	12.046	-0.064	-0.064
K6D2P_R -0.100	ON K6D2I_R	23.129	-0.101	-0.101
K6D2P_R -0.076	ON K6D2K_R	15.531	-0.076	-0.076
K6D2P_R -0.069	ON K6D2L_R	12.552	-0.070	-0.070
K6D2P_R -0.076	ON K6D2M_R	16.397	-0.077	-0.077

K6D2P_R -0.049	ON K6D2S_R	10.788	-0.049	-0.049
K6D2P_R -0.098	ON K6D2V_R	25.518	-0.099	-0.099
K6D2P_R -0.060	ON K6D2W_R	10.857	-0.060	-0.060
K6D2P_R -0.072	ON K6D2Y_R	13.349	-0.072	-0.072
K6D2P_R 0.083	ON P5Q3M	10.814	0.083	0.083
K6D2P_R 0.081	ON P5Q3AF	14.014	0.080	0.080
K6D2P_R 0.072	ON P5Q3AH	13.244	0.072	0.072
K6D2P_R 0.088	ON P5Q3AR	13.741	0.087	0.087
K6D2P_R 0.072	ON P5Q3AV	12.661	0.071	0.071
K6D2P_R 0.071	ON P5Q3AX	12.676	0.070	0.070
K6D2P_R 0.070	ON P5Q3BQ	10.064	0.070	0.070
K6D2P_R 0.080	ON P5Q3CK	14.603	0.079	0.079
K6D2P_R 0.097	ON P5Q3E	10.973	0.097	0.097
K6D2P_R 0.080	ON P5Q3A0	11.935	0.080	0.080
K6D2P_R 0.082	ON P5Q3BK	12.977	0.082	0.082
K6D2P_R 0.100	ON P5Q3B0	17.524	0.100	0.100
K6D2P_R 0.091	ON P5Q3CU	15.861	0.091	0.091
K6D2P_R 0.079	ON P5Q3DA	14.189	0.079	0.079
K6D2P_R 0.099	ON P5Q3AU	14.473	0.099	0.099
K6D2P_R 0.077	ON P5Q3AZ	13.967	0.076	0.076
K6D2P_R 0.075	ON P5Q3BB1	12.305	0.074	0.074
K6D2P_R 0.077	ON P5Q3BB2	10.922	0.077	0.077
K6D2P_R 0.069	ON P5Q3BB6	11.303	0.068	0.068
K6D2P_R 0.074	ON P5Q3BB7	10.119	0.074	0.074
K6D2R_R 0.159	ON K6D2AG_R	84.279	0.159	0.159

K6D2R_R	ON	K6D2AI_R	84.709	0.193	0.193
0.192					
K6D2R_R	ON	K6D2D_R	92.308	0.191	0.191
0.190					
K6D2R_R	ON	K6D2J_R	79.798	0.174	0.174
0.173					
K6D2R_R	ON	K6D2T_R	103.011	0.195	0.195
0.194					
K6D2R_R	ON	K6D2AC_R	72.318	0.142	0.142
0.142					
K6D2R_R	ON	K6D2AK_R	106.639	0.214	0.214
0.213					
K6D2R_R	ON	K6D2C_R	109.427	0.200	0.200
0.199					
K6D2R_R	ON	K6D2N_R	66.407	0.136	0.136
0.136					
K6D2R_R	ON	K6D2X_R	78.034	0.177	0.177
0.176					
K6D2R_R	ON	K6D2A_R	10.821	0.092	0.092
0.091					
K6D2R_R	ON	K6D2P_R	10.842	0.087	0.087
0.087					
K6D2R_R	ON	K6D2Z_R	34.585	0.149	0.149
0.149					
K6D2R_R	ON	K6D61C	35.834	-0.368	-0.368
-0.372					
K6D2R_R	ON	K6D61D	27.078	-0.215	-0.215
-0.216					
K6D2R_R	ON	K6D61E	38.481	-0.331	-0.331
-0.332					
K6D2R_R	ON	K6D61K	40.474	-0.387	-0.387
-0.391					
K6D2R_R	ON	K6D61L	16.613	-0.203	-0.203
-0.203					
K6D2R_R	ON	K6D40_R	16.986	-0.265	-0.265
-0.265					
K6D2R_R	ON	K6D48_R	20.818	-0.225	-0.225
-0.225					
K6D2R_R	ON	K6F63_R	25.665	-0.232	-0.232
-0.232					
K6D2R_R	ON	K6D2B_R	19.592	-0.076	-0.076
-0.075					
K6D2R_R	ON	K6D2F_R	14.647	-0.069	-0.069
-0.069					
K6D2R_R	ON	K6D2G_R	11.764	-0.095	-0.095
-0.095					
K6D2R_R	ON	K6D2I_R	10.531	-0.068	-0.068
-0.068					
K6D2R_R	ON	K6D2K_R	17.249	-0.079	-0.079
-0.079					

K6D2R_R -0.081	ON K6D2L_R	17.071	-0.081	-0.081
K6D2R_R -0.071	ON K6D2M_R	13.936	-0.071	-0.071
K6D2R_R -0.062	ON K6D2S_R	17.718	-0.062	-0.062
K6D2R_R -0.086	ON K6D2V_R	19.218	-0.087	-0.087
K6D2R_R -0.064	ON K6D2W_R	13.099	-0.065	-0.065
K6D2R_R -0.067	ON K6D2Y_R	11.905	-0.068	-0.068
K6D2R_R -0.065	ON K6D2AA_R	13.318	-0.065	-0.065
K6D2R_R -0.068	ON K6D2AF_R	10.869	-0.069	-0.069
K6D2R_R 0.092	ON P5Q3M	13.287	0.092	0.092
K6D2R_R 0.075	ON P5Q3AF	12.021	0.074	0.074
K6D2R_R 0.073	ON P5Q3AH	13.186	0.072	0.072
K6D2R_R 0.080	ON P5Q3AR	11.475	0.080	0.080
K6D2R_R 0.067	ON P5Q3AV	10.874	0.066	0.066
K6D2R_R 0.069	ON P5Q3AX	11.804	0.067	0.067
K6D2R_R 0.070	ON P5Q3BQ	10.298	0.070	0.070
K6D2R_R 0.077	ON P5Q3CK	13.079	0.075	0.075
K6D2R_R 0.113	ON P5Q3E	15.042	0.113	0.113
K6D2R_R 0.091	ON P5Q3A0	14.614	0.090	0.090
K6D2R_R 0.084	ON P5Q3BK	12.834	0.083	0.083
K6D2R_R 0.092	ON P5Q3B0	14.593	0.092	0.092
K6D2R_R 0.086	ON P5Q3CU	13.794	0.085	0.085
K6D2R_R 0.083	ON P5Q3DA	15.098	0.082	0.082
K6D2R_R 0.077	ON P5Q3AZ	14.080	0.076	0.076
K6D2R_R 0.073	ON P5Q3BB1	11.716	0.072	0.072
K6D2R_R 0.077	ON P5Q3BB2	10.636	0.076	0.076

K6D2R_R	ON	P5Q3BB6	10.517	0.065	0.065
0.066					
K6D2R_R	ON	P5Q3BB7	10.882	0.076	0.076
0.077					
K6D2R_R	ON	P5Q3X	16.262	-0.083	-0.083
-0.084					
K6D2R_R	ON	P5Q3AA	22.129	-0.075	-0.075
-0.078					
K6D2R_R	ON	P5Q3AL	23.116	-0.100	-0.100
-0.102					
K6D2R_R	ON	P5Q3AP	19.273	-0.078	-0.078
-0.080					
K6D2R_R	ON	P5Q3BI	14.606	-0.100	-0.100
-0.101					
K6D2R_R	ON	P5Q3BZ	26.093	-0.099	-0.099
-0.102					
K6D2R_R	ON	P5Q3CJ	26.804	-0.099	-0.099
-0.102					
K6D2R_R	ON	P5Q3C	21.536	-0.090	-0.090
-0.091					
K6D2R_R	ON	P5Q30	23.002	-0.083	-0.083
-0.085					
K6D2R_R	ON	P5Q3R	21.299	-0.089	-0.089
-0.091					
K6D2R_R	ON	P5Q3S	21.547	-0.077	-0.077
-0.080					
K6D2R_R	ON	P5Q3T	23.484	-0.079	-0.079
-0.082					
K6D2R_R	ON	P5Q3U	24.874	-0.082	-0.082
-0.084					
K6D2R_R	ON	P5Q3V	27.586	-0.088	-0.088
-0.091					
K6D2R_R	ON	P5Q3AJ	25.629	-0.090	-0.090
-0.093					
K6D2R_R	ON	P5Q3BC	25.427	-0.087	-0.087
-0.090					
K6D2R_R	ON	P5Q3BN	21.390	-0.085	-0.085
-0.088					
K6D2R_R	ON	P5Q3CF	20.416	-0.079	-0.079
-0.081					
K6D2R_R	ON	P5Q3CG	21.468	-0.083	-0.083
-0.085					
K6D2R_R	ON	P5Q3CH	25.683	-0.106	-0.106
-0.108					
K6D2R_R	ON	P5Q3CI	23.570	-0.111	-0.111
-0.112					
K6D2R_R	ON	P5Q3CN	21.161	-0.089	-0.089
-0.091					
K6D2R_R	ON	P5Q3C0	24.647	-0.080	-0.080
-0.083					

K6D2R_R	ON	P5Q3CQ	27.357	-0.085	-0.085
-0.089					
K6D2R_R	ON	P5Q3CW	21.807	-0.092	-0.092
-0.094					
K6D2Z_R	ON	K6D2AK_R	17.602	0.088	0.088
0.088					
K6D2Z_R	ON	K6D2C_R	12.985	0.071	0.071
0.071					
K6D2Z_R	ON	K6D2A_R	20.286	0.120	0.120
0.120					
K6D2Z_R	ON	K6D2P_R	23.389	0.123	0.123
0.124					
K6D2Z_R	ON	K6D2R_R	34.578	0.149	0.149
0.149					
K6D2Z_R	ON	K6D2AB_R	14.691	0.103	0.103
0.103					
K6D2Z_R	ON	K6D61C	31.770	-0.361	-0.361
-0.364					
K6D2Z_R	ON	K6D61D	10.787	-0.137	-0.137
-0.137					
K6D2Z_R	ON	K6D61K	35.041	-0.384	-0.384
-0.388					
K6D2Z_R	ON	K6D61L	10.140	-0.157	-0.157
-0.157					
K6D2Z_R	ON	K6D40_R	15.539	-0.283	-0.283
-0.283					
K6D2Z_R	ON	K6D48_R	21.714	-0.233	-0.233
-0.233					
K6D2Z_R	ON	K6F63_R	18.356	-0.200	-0.200
-0.200					
K6D2Z_R	ON	K6D2B_R	10.950	0.057	0.057
0.057					
K6D2Z_R	ON	K6D2F_R	13.086	0.066	0.066
0.066					
K6D2Z_R	ON	K6D2G_R	11.833	0.097	0.097
0.097					
K6D2Z_R	ON	K6D2K_R	11.168	0.065	0.065
0.065					
K6D2Z_R	ON	K6D2L_R	16.575	0.082	0.082
0.082					
K6D2Z_R	ON	K6D20_R	14.898	0.077	0.077
0.077					
K6D2Z_R	ON	K6D2S_R	14.649	0.057	0.057
0.057					
K6D2Z_R	ON	K6D2W_R	15.368	0.071	0.071
0.070					
K6D2Z_R	ON	K6D2Y_R	16.033	0.080	0.080
0.079					
K6D2Z_R	ON	K6D2AA_R	19.532	0.081	0.081
0.080					

K6D2Z_R	ON	K6D2AE_R	29.685	0.114	0.114
0.113					
K6D2Z_R	ON	K6D2AF_R	15.633	0.083	0.083
0.083					
K6D2Z_R	ON	K6D2AH_R	10.674	0.074	0.074
0.074					
K6D2Z_R	ON	P5Q3M	20.124	0.115	0.115
0.115					
K6D2Z_R	ON	P5Q3AD	17.396	0.097	0.097
0.098					
K6D2Z_R	ON	P5Q3AF	18.382	0.093	0.093
0.094					
K6D2Z_R	ON	P5Q3AH	19.370	0.090	0.090
0.091					
K6D2Z_R	ON	P5Q3AR	17.674	0.102	0.102
0.102					
K6D2Z_R	ON	P5Q3AV	14.250	0.077	0.077
0.078					
K6D2Z_R	ON	P5Q3AX	18.321	0.086	0.086
0.087					
K6D2Z_R	ON	P5Q3CK	21.242	0.098	0.098
0.099					
K6D2Z_R	ON	P5Q3DB	10.400	0.072	0.072
0.072					
K6D2Z_R	ON	P5Q3E	18.824	0.129	0.129
0.129					
K6D2Z_R	ON	P5Q3A0	16.779	0.098	0.098
0.099					
K6D2Z_R	ON	P5Q3BK	18.311	0.100	0.100
0.101					
K6D2Z_R	ON	P5Q3B0	16.925	0.100	0.100
0.101					
K6D2Z_R	ON	P5Q3CU	20.080	0.103	0.103
0.104					
K6D2Z_R	ON	P5Q3DA	20.132	0.097	0.097
0.098					
K6D2Z_R	ON	P5Q3AS	14.918	0.093	0.093
0.093					
K6D2Z_R	ON	P5Q3AU	17.979	0.114	0.114
0.115					
K6D2Z_R	ON	P5Q3AZ	20.668	0.094	0.094
0.096					
K6D2Z_R	ON	P5Q3BB1	18.334	0.093	0.093
0.094					
K6D2Z_R	ON	P5Q3BB2	16.230	0.094	0.094
0.095					
K6D2Z_R	ON	P5Q3BB6	15.458	0.081	0.081
0.082					
K6D2Z_R	ON	P5Q3BB7	14.141	0.088	0.088
0.089					

K6D2AB_R ON K6D2T_R 0.064	10.712	0.064	0.064
K6D2AB_R ON K6D2AK_R 0.111	28.735	0.112	0.112
K6D2AB_R ON K6D2P_R 0.106	16.258	0.105	0.105
K6D2AB_R ON K6D2Z_R 0.103	14.695	0.103	0.103
K6D2AB_R ON K6D2AJ_R 0.112	16.924	0.112	0.112
K6D2AB_R ON K6D61C -0.355	36.766	-0.352	-0.352
K6D2AB_R ON K6D61K -0.343	35.671	-0.340	-0.340
K6D2AB_R ON K6D40_R -0.209	10.892	-0.209	-0.209
K6D2AB_R ON K6F63_R -0.149	11.581	-0.149	-0.149
K6D2AB_R ON K6D2AE_R 0.074	12.423	0.074	0.074
K6D2AJ_R ON K6D2AG_R 0.090	24.885	0.091	0.091
K6D2AJ_R ON K6D2AI_R 0.123	32.156	0.124	0.124
K6D2AJ_R ON K6D2D_R 0.102	24.714	0.103	0.103
K6D2AJ_R ON K6D2J_R 0.108	27.117	0.109	0.109
K6D2AJ_R ON K6D2T_R 0.112	31.340	0.113	0.113
K6D2AJ_R ON K6D2AC_R 0.084	23.670	0.084	0.084
K6D2AJ_R ON K6D2AK_R 0.223	131.199	0.225	0.225
K6D2AJ_R ON K6D2C_R 0.109	27.771	0.110	0.110
K6D2AJ_R ON K6D2N_R 0.081	22.073	0.082	0.082
K6D2AJ_R ON K6D2X_R 0.105	25.500	0.106	0.106
K6D2AJ_R ON K6D2P_R 0.098	14.311	0.098	0.098
K6D2AJ_R ON K6D2AB_R 0.111	16.916	0.112	0.112
K6D2AJ_R ON K6D61C -0.397	49.578	-0.395	-0.395
K6D2AJ_R ON K6D61K -0.395	49.535	-0.394	-0.394
K6D2AJ_R ON K6D40_R -0.222	13.269	-0.223	-0.223

K6D2AJ_R ON K6D48_R -0.194	16.587	-0.195	-0.195
K6D2AJ_R ON K6F63_R -0.193	18.269	-0.194	-0.194
K6D2AJ_R ON K6D2B_R -0.080	20.933	-0.081	-0.081
K6D2AJ_R ON K6D2F_R -0.083	20.157	-0.084	-0.084
K6D2AJ_R ON K6D2G_R -0.117	16.980	-0.118	-0.118
K6D2AJ_R ON K6D2I_R -0.145	48.323	-0.147	-0.147
K6D2AJ_R ON K6D2K_R -0.093	21.744	-0.094	-0.094
K6D2AJ_R ON K6D2L_R -0.093	21.870	-0.094	-0.094
K6D2AJ_R ON K6D2M_R -0.100	25.678	-0.101	-0.101
K6D2AJ_R ON K6D2O_R -0.075	13.054	-0.075	-0.075
K6D2AJ_R ON K6D2S_R -0.067	19.692	-0.068	-0.068
K6D2AJ_R ON K6D2V_R -0.115	32.788	-0.116	-0.116
K6D2AJ_R ON K6D2W_R -0.081	19.547	-0.082	-0.082
K6D2AJ_R ON K6D2Y_R -0.093	21.834	-0.094	-0.094
K6D2AJ_R ON K6D2AA_R -0.066	12.834	-0.066	-0.066
K6D2AJ_R ON K6D2AF_R -0.091	18.121	-0.092	-0.092
K6D2AJ_R ON K6D2AH_R -0.087	14.067	-0.087	-0.087
K6D2AJ_R ON P5Q3M 0.109	17.393	0.109	0.109
K6D2AJ_R ON P5Q3AB 0.094	12.875	0.095	0.095
K6D2AJ_R ON P5Q3AD 0.096	16.766	0.096	0.096
K6D2AJ_R ON P5Q3AF 0.106	22.802	0.105	0.105
K6D2AJ_R ON P5Q3AH 0.098	22.322	0.096	0.096
K6D2AJ_R ON P5Q3AR 0.110	19.543	0.109	0.109
K6D2AJ_R ON P5Q3AV 0.090	18.820	0.090	0.090
K6D2AJ_R ON P5Q3AX 0.095	20.921	0.094	0.094

K6D2AJ_R ON P5Q3BQ 0.084	13.565	0.084	0.084
K6D2AJ_R ON P5Q3CK 0.111	25.888	0.109	0.109
K6D2AJ_R ON P5Q3DB 0.076	11.131	0.075	0.075
K6D2AJ_R ON P5Q3E 0.124	17.274	0.125	0.125
K6D2AJ_R ON P5Q3A0 0.108	20.503	0.108	0.108
K6D2AJ_R ON P5Q3BK 0.107	20.481	0.107	0.107
K6D2AJ_R ON P5Q3B0 0.122	24.767	0.122	0.122
K6D2AJ_R ON P5Q3CU 0.110	21.139	0.109	0.109
K6D2AJ_R ON P5Q3DA 0.110	25.394	0.109	0.109
K6D2AJ_R ON P5Q3AS 0.105	18.394	0.105	0.105
K6D2AJ_R ON P5Q3AU 0.118	18.786	0.118	0.118
K6D2AJ_R ON P5Q3AZ 0.099	21.832	0.098	0.098
K6D2AJ_R ON P5Q3BB1 0.093	17.557	0.092	0.092
K6D2AJ_R ON P5Q3BB2 0.104	18.422	0.104	0.104
K6D2AJ_R ON P5Q3BB5 0.099	11.342	0.100	0.100
K6D2AJ_R ON P5Q3BB6 0.090	18.119	0.089	0.089
K6D2AJ_R ON P5Q3BB7 0.105	19.000	0.104	0.104
K6D61C ON K6D2AG_R -0.206	46.074	-0.208	-0.208
K6D61C ON K6D2AI_R -0.247	43.042	-0.251	-0.251
K6D61C ON K6D2D_R -0.225	43.513	-0.229	-0.229
K6D61C ON K6D2J_R -0.250	49.296	-0.253	-0.253
K6D61C ON K6D2T_R -0.239	50.393	-0.242	-0.242
K6D61C ON K6D2AC_R -0.182	42.596	-0.184	-0.184
K6D61C ON K6D2AK_R -0.215	33.431	-0.219	-0.219
K6D61C ON K6D2C_R -0.228	39.431	-0.231	-0.231

K6D61C -0.198	ON K6D2N_R	48.532	-0.200	-0.200
K6D61C -0.209	ON K6D2X_R	40.952	-0.212	-0.212
K6D61C -0.251	ON K6D2A_R	17.831	-0.254	-0.254
K6D61C -0.420	ON K6D2P_R	52.895	-0.422	-0.422
K6D61C -0.365	ON K6D2R_R	35.862	-0.368	-0.368
K6D61C -0.357	ON K6D2Z_R	31.772	-0.361	-0.361
K6D61C -0.349	ON K6D2AB_R	36.788	-0.352	-0.352
K6D61C -0.393	ON K6D2AJ_R	49.570	-0.395	-0.395
K6D61C 0.709	ON K6D61K	492.277	0.710	0.710
K6D61C 0.101	ON K6D2Y_R	10.376	0.103	0.103
K6D61D -0.183	ON K6D2AG_R	67.917	-0.184	-0.184
K6D61D -0.191	ON K6D2AI_R	49.413	-0.192	-0.192
K6D61D -0.193	ON K6D2D_R	57.768	-0.194	-0.194
K6D61D -0.165	ON K6D2J_R	41.173	-0.166	-0.166
K6D61D -0.197	ON K6D2T_R	63.884	-0.198	-0.198
K6D61D -0.152	ON K6D2AC_R	54.327	-0.153	-0.153
K6D61D -0.141	ON K6D2AK_R	27.248	-0.142	-0.142
K6D61D -0.176	ON K6D2C_R	47.081	-0.177	-0.177
K6D61D -0.173	ON K6D2N_R	67.742	-0.173	-0.173
K6D61D -0.195	ON K6D2X_R	62.530	-0.196	-0.196
K6D61D -0.180	ON K6D2P_R	20.774	-0.180	-0.180
K6D61D -0.215	ON K6D2R_R	27.096	-0.215	-0.215
K6D61D -0.137	ON K6D2Z_R	10.791	-0.137	-0.137
K6D61D 0.520	ON K6D61E	269.499	0.521	0.521
K6D61D 0.434	ON K6D61L	164.936	0.435	0.435

K6D61D 0.131	ON K6D2B_R	41.087	0.132	0.132
K6D61D 0.124	ON K6D2F_R	32.334	0.125	0.125
K6D61D 0.164	ON K6D2G_R	24.191	0.165	0.165
K6D61D 0.133	ON K6D2I_R	26.210	0.134	0.134
K6D61D 0.169	ON K6D2K_R	51.922	0.170	0.170
K6D61D 0.146	ON K6D2L_R	38.886	0.147	0.147
K6D61D 0.163	ON K6D2M_R	49.277	0.164	0.164
K6D61D 0.145	ON K6D2O_R	35.938	0.146	0.146
K6D61D 0.103	ON K6D2S_R	33.532	0.103	0.103
K6D61D 0.147	ON K6D2V_R	37.807	0.148	0.148
K6D61D 0.141	ON K6D2W_R	42.055	0.141	0.141
K6D61D 0.137	ON K6D2Y_R	33.781	0.138	0.138
K6D61D 0.134	ON K6D2AA_R	40.072	0.135	0.135
K6D61D 0.176	ON K6D2AE_R	44.335	0.177	0.177
K6D61D 0.144	ON K6D2AF_R	33.467	0.145	0.145
K6D61D 0.137	ON K6D2AH_R	24.920	0.138	0.138
K6D61D 0.087	ON P5Q3X	12.277	0.086	0.086
K6D61D 0.074	ON P5Q3AA	14.807	0.072	0.072
K6D61D 0.093	ON P5Q3AL	14.314	0.092	0.092
K6D61D 0.077	ON P5Q3AP	12.966	0.075	0.075
K6D61D 0.082	ON P5Q3BZ	12.189	0.080	0.080
K6D61D 0.079	ON P5Q3CJ	11.740	0.077	0.077
K6D61D 0.069	ON P5Q3O	11.214	0.067	0.067
K6D61D 0.073	ON P5Q3S	13.044	0.070	0.070
K6D61D 0.067	ON P5Q3T	11.555	0.065	0.065

K6D61D 0.078	ON P5Q3V	14.826	0.075	0.075
K6D61D 0.091	ON P5Q3AJ	18.461	0.089	0.089
K6D61D 0.074	ON P5Q3BC	12.641	0.071	0.071
K6D61D 0.091	ON P5Q3CI	11.070	0.090	0.090
K6D61D 0.065	ON P5Q3C0	10.779	0.063	0.063
K6D61D 0.073	ON P5Q3CQ	13.733	0.070	0.070
K6D61D 0.077	ON P5Q3CW	10.508	0.075	0.075
K6D61E -0.209	ON K6D2AG_R	54.825	-0.210	-0.210
K6D61E -0.201	ON K6D2AI_R	34.140	-0.202	-0.202
K6D61E -0.211	ON K6D2D_R	43.852	-0.212	-0.212
K6D61E -0.177	ON K6D2J_R	29.319	-0.178	-0.178
K6D61E -0.218	ON K6D2T_R	48.858	-0.219	-0.219
K6D61E -0.172	ON K6D2AC_R	43.629	-0.172	-0.172
K6D61E -0.166	ON K6D2AK_R	23.710	-0.167	-0.167
K6D61E -0.218	ON K6D2C_R	44.259	-0.219	-0.219
K6D61E -0.199	ON K6D2N_R	54.864	-0.200	-0.200
K6D61E -0.225	ON K6D2X_R	50.710	-0.226	-0.226
K6D61E -0.172	ON K6D2P_R	11.280	-0.172	-0.172
K6D61E -0.330	ON K6D2R_R	38.504	-0.331	-0.331
K6D61E 0.521	ON K6D61D	269.509	0.521	0.521
K6D61E 0.303	ON K6D61L	40.345	0.303	0.303
K6D61E 0.144	ON K6D2B_R	29.758	0.145	0.145
K6D61E 0.115	ON K6D2F_R	17.699	0.115	0.115
K6D61E 0.194	ON K6D2G_R	21.114	0.196	0.196
K6D61E 0.157	ON K6D2I_R	21.134	0.159	0.159

K6D61E 0.184	ON K6D2K_R	36.494	0.185	0.185
K6D61E 0.155	ON K6D2L_R	27.568	0.156	0.156
K6D61E 0.158	ON K6D2M_R	28.151	0.159	0.159
K6D61E 0.163	ON K6D2O_R	26.914	0.164	0.164
K6D61E 0.112	ON K6D2S_R	24.516	0.113	0.113
K6D61E 0.149	ON K6D2V_R	23.192	0.150	0.150
K6D61E 0.144	ON K6D2W_R	26.393	0.144	0.144
K6D61E 0.146	ON K6D2Y_R	23.866	0.147	0.147
K6D61E 0.141	ON K6D2AA_R	26.761	0.142	0.142
K6D61E 0.181	ON K6D2AE_R	28.464	0.182	0.182
K6D61E 0.160	ON K6D2AF_R	25.303	0.161	0.161
K6D61E 0.172	ON K6D2AH_R	22.827	0.173	0.173
K6D61E 0.170	ON P5Q3X	30.000	0.168	0.168
K6D61E 0.139	ON P5Q3AA	34.190	0.135	0.135
K6D61E 0.177	ON P5Q3AL	32.210	0.174	0.174
K6D61E 0.149	ON P5Q3AP	30.544	0.145	0.145
K6D61E 0.192	ON P5Q3BI	24.250	0.192	0.192
K6D61E 0.167	ON P5Q3BZ	32.669	0.162	0.162
K6D61E 0.156	ON P5Q3CJ	29.463	0.152	0.152
K6D61E 0.119	ON P5Q3C	17.107	0.118	0.118
K6D61E 0.144	ON P5Q3O	31.145	0.140	0.140
K6D61E 0.151	ON P5Q3R	26.689	0.148	0.148
K6D61E 0.141	ON P5Q3S	31.937	0.137	0.137
K6D61E 0.137	ON P5Q3T	30.739	0.132	0.132
K6D61E 0.120	ON P5Q3U	23.618	0.116	0.116

K6D61E 0.144	ON P5Q3V	32.665	0.140	0.140
K6D61E 0.160	ON P5Q3AJ	35.885	0.156	0.156
K6D61E 0.147	ON P5Q3BC	32.736	0.142	0.142
K6D61E 0.141	ON P5Q3BN	25.523	0.138	0.138
K6D61E 0.134	ON P5Q3CF	26.097	0.130	0.130
K6D61E 0.140	ON P5Q3CG	26.698	0.136	0.136
K6D61E 0.154	ON P5Q3CH	24.023	0.151	0.151
K6D61E 0.181	ON P5Q3CI	27.985	0.179	0.179
K6D61E 0.157	ON P5Q3CN	29.310	0.154	0.154
K6D61E 0.131	ON P5Q3C0	27.856	0.127	0.127
K6D61E 0.140	ON P5Q3CQ	32.442	0.135	0.135
K6D61E 0.148	ON P5Q3CW	24.570	0.145	0.145
K6D61K -0.224	ON K6D2AG_R	56.867	-0.227	-0.227
K6D61K -0.265	ON K6D2AI_R	51.510	-0.268	-0.268
K6D61K -0.246	ON K6D2D_R	53.059	-0.249	-0.249
K6D61K -0.253	ON K6D2J_R	53.022	-0.256	-0.256
K6D61K -0.258	ON K6D2T_R	62.512	-0.262	-0.262
K6D61K -0.205	ON K6D2AC_R	55.137	-0.207	-0.207
K6D61K -0.226	ON K6D2AK_R	38.349	-0.229	-0.229
K6D61K -0.235	ON K6D2C_R	44.906	-0.239	-0.239
K6D61K -0.214	ON K6D2N_R	58.774	-0.216	-0.216
K6D61K -0.233	ON K6D2X_R	52.158	-0.236	-0.236
K6D61K -0.255	ON K6D2A_R	20.014	-0.257	-0.257
K6D61K -0.398	ON K6D2P_R	53.043	-0.401	-0.401
K6D61K -0.384	ON K6D2R_R	40.503	-0.387	-0.387

K6D61K -0.381	ON K6D2Z_R	35.041	-0.384	-0.384
K6D61K -0.337	ON K6D2AB_R	35.690	-0.340	-0.340
K6D61K -0.392	ON K6D2AJ_R	49.525	-0.394	-0.394
K6D61K 0.710	ON K6D61C	492.281	0.710	0.710
K6D61L -0.198	ON K6D2AG_R	57.114	-0.199	-0.199
K6D61L -0.217	ON K6D2AI_R	45.489	-0.218	-0.218
K6D61L -0.209	ON K6D2D_R	48.908	-0.209	-0.209
K6D61L -0.187	ON K6D2J_R	36.479	-0.187	-0.187
K6D61L -0.238	ON K6D2T_R	66.639	-0.239	-0.239
K6D61L -0.165	ON K6D2AC_R	45.905	-0.166	-0.166
K6D61L -0.159	ON K6D2AK_R	24.515	-0.160	-0.160
K6D61L -0.172	ON K6D2C_R	32.530	-0.172	-0.172
K6D61L -0.188	ON K6D2N_R	58.051	-0.189	-0.189
K6D61L -0.221	ON K6D2X_R	55.909	-0.222	-0.222
K6D61L -0.203	ON K6D2R_R	16.624	-0.203	-0.203
K6D61L -0.157	ON K6D2Z_R	10.141	-0.157	-0.157
K6D61L 0.436	ON K6D61D	164.949	0.435	0.435
K6D61L 0.304	ON K6D61E	40.348	0.303	0.303
K6D61L 0.145	ON K6D2B_R	36.169	0.146	0.146
K6D61L 0.137	ON K6D2F_R	28.398	0.138	0.138
K6D61L 0.193	ON K6D2G_R	23.836	0.194	0.194
K6D61L 0.135	ON K6D2I_R	19.970	0.136	0.136
K6D61L 0.190	ON K6D2K_R	46.827	0.191	0.191
K6D61L 0.156	ON K6D2L_R	32.076	0.156	0.156
K6D61L 0.164	ON K6D2M_R	34.587	0.165	0.165

K6D61L 0.165	ON K6D20_R	33.174	0.166	0.166
K6D61L 0.123	ON K6D2S_R	34.530	0.123	0.123
K6D61L 0.158	ON K6D2V_R	30.247	0.158	0.158
K6D61L 0.161	ON K6D2W_R	38.691	0.162	0.162
K6D61L 0.153	ON K6D2Y_R	30.143	0.154	0.154
K6D61L 0.141	ON K6D2AA_R	31.571	0.141	0.141
K6D61L 0.199	ON K6D2AE_R	39.221	0.200	0.200
K6D61L 0.174	ON K6D2AF_R	34.012	0.175	0.175
K6D61L 0.168	ON K6D2AH_R	26.347	0.169	0.169
K6D61L -0.112	ON P5Q3DB	11.934	-0.111	-0.111
K6D61M 0.078	ON K6D2AG_R	12.960	0.078	0.078
K6D61M 0.097	ON K6D2J_R	14.260	0.097	0.097
K6D61M 0.083	ON K6D2AC_R	16.462	0.083	0.083
K6D61M 0.117	ON K6D2AK_R	19.496	0.117	0.117
K6D61M 0.072	ON K6D2N_R	12.382	0.072	0.072
K6D61M 0.084	ON K6D2X_R	12.129	0.084	0.084
K6D61M -0.121	ON K6D2B_R	36.539	-0.121	-0.121
K6D61M -0.121	ON K6D2F_R	31.718	-0.121	-0.121
K6D61M -0.145	ON K6D2G_R	19.515	-0.146	-0.146
K6D61M -0.181	ON K6D2I_R	52.974	-0.182	-0.182
K6D61M -0.140	ON K6D2K_R	37.245	-0.140	-0.140
K6D61M -0.128	ON K6D2L_R	32.129	-0.128	-0.128
K6D61M -0.148	ON K6D2M_R	42.701	-0.149	-0.149
K6D61M -0.125	ON K6D20_R	27.384	-0.125	-0.125
K6D61M -0.110	ON K6D2S_R	40.152	-0.110	-0.110

K6D61M -0.147	ON K6D2V_R	40.246	-0.147	-0.147
K6D61M -0.129	ON K6D2W_R	37.907	-0.129	-0.129
K6D61M -0.145	ON K6D2Y_R	41.106	-0.146	-0.146
K6D61M -0.110	ON K6D2AA_R	27.429	-0.110	-0.110
K6D61M -0.134	ON K6D2AE_R	27.045	-0.135	-0.135
K6D61M -0.132	ON K6D2AF_R	29.189	-0.132	-0.132
K6D61M -0.144	ON K6D2AH_R	28.196	-0.145	-0.145
K6D40_R -0.251	ON K6D2A_R	14.920	-0.252	-0.252
K6D40_R -0.238	ON K6D2P_R	13.899	-0.238	-0.238
K6D40_R -0.264	ON K6D2R_R	17.004	-0.265	-0.265
K6D40_R -0.283	ON K6D2Z_R	15.542	-0.283	-0.283
K6D40_R -0.209	ON K6D2AB_R	10.903	-0.209	-0.209
K6D40_R -0.224	ON K6D2AJ_R	13.269	-0.223	-0.223
K6D40_R 0.327	ON K6D48_R	32.896	0.327	0.327
K6D40_R 0.384	ON K6F63_R	56.844	0.385	0.385
K6D40_R 0.288	ON K6F74_R	11.020	0.287	0.287
K6D40_R -0.120	ON K6D2I_R	10.053	-0.120	-0.120
K6D40_R 0.151	ON P5Q3M	10.146	0.150	0.150
K6D40_R 0.143	ON P5Q3AD	11.246	0.142	0.142
K6D40_R 0.159	ON P5Q3AF	16.807	0.157	0.157
K6D40_R 0.138	ON P5Q3AH	13.724	0.136	0.136
K6D40_R 0.142	ON P5Q3AR	10.572	0.142	0.142
K6D40_R 0.121	ON P5Q3AV	10.268	0.120	0.120
K6D40_R 0.129	ON P5Q3AX	11.912	0.127	0.127
K6D40_R 0.131	ON P5Q3BQ	10.731	0.131	0.131

K6D40_R	ON	P5Q3CK	13.686	0.143	0.143
0.145					
K6D40_R	ON	P5Q3DB	12.705	0.146	0.146
0.146					
K6D40_R	ON	P5Q3E	11.350	0.182	0.182
0.182					
K6D40_R	ON	P5Q3A0	10.582	0.143	0.143
0.144					
K6D40_R	ON	P5Q3BK	10.692	0.141	0.141
0.142					
K6D40_R	ON	P5Q3B0	14.938	0.170	0.170
0.171					
K6D40_R	ON	P5Q3CU	11.600	0.145	0.145
0.146					
K6D40_R	ON	P5Q3DA	12.488	0.138	0.138
0.140					
K6D40_R	ON	P5Q3AS	14.032	0.165	0.165
0.166					
K6D40_R	ON	P5Q3AU	11.893	0.169	0.169
0.169					
K6D40_R	ON	P5Q3AZ	12.504	0.134	0.134
0.136					
K6D40_R	ON	P5Q3BB1	11.220	0.132	0.132
0.133					
K6D40_R	ON	P5Q3BB2	10.497	0.140	0.140
0.140					
K6D40_R	ON	P5Q3BB5	11.149	0.177	0.177
0.177					
K6D40_R	ON	P5Q3BB6	12.170	0.131	0.131
0.132					
K6D40_R	ON	P5Q3BB7	12.185	0.149	0.149
0.151					
K6D40_R	ON	P5Q3X	29.641	0.204	0.204
0.207					
K6D40_R	ON	P5Q3AA	33.605	0.164	0.164
0.170					
K6D40_R	ON	P5Q3AL	34.000	0.213	0.213
0.216					
K6D40_R	ON	P5Q3AP	34.873	0.186	0.186
0.190					
K6D40_R	ON	P5Q3BI	24.879	0.241	0.241
0.241					
K6D40_R	ON	P5Q3BZ	35.752	0.204	0.204
0.209					
K6D40_R	ON	P5Q3CJ	38.795	0.205	0.205
0.210					
K6D40_R	ON	P5Q3C	34.462	0.197	0.197
0.201					
K6D40_R	ON	P5Q30	31.833	0.170	0.170
0.176					

K6D40_R	ON	P5Q3R	27.505	0.185	0.185
0.188					
K6D40_R	ON	P5Q3S	33.490	0.170	0.170
0.175					
K6D40_R	ON	P5Q3T	32.157	0.165	0.165
0.170					
K6D40_R	ON	P5Q3U	31.589	0.160	0.160
0.165					
K6D40_R	ON	P5Q3V	29.345	0.161	0.161
0.166					
K6D40_R	ON	P5Q3AJ	35.853	0.187	0.187
0.193					
K6D40_R	ON	P5Q3BC	36.430	0.181	0.181
0.188					
K6D40_R	ON	P5Q3BN	35.428	0.192	0.192
0.197					
K6D40_R	ON	P5Q3CF	31.383	0.173	0.173
0.177					
K6D40_R	ON	P5Q3CG	32.180	0.178	0.178
0.182					
K6D40_R	ON	P5Q3CH	34.255	0.215	0.215
0.218					
K6D40_R	ON	P5Q3CI	29.093	0.222	0.222
0.225					
K6D40_R	ON	P5Q3CN	30.576	0.188	0.188
0.192					
K6D40_R	ON	P5Q3C0	36.067	0.170	0.170
0.176					
K6D40_R	ON	P5Q3CQ	36.879	0.172	0.172
0.179					
K6D40_R	ON	P5Q3CW	28.588	0.188	0.188
0.192					
K6D48_R	ON	K6D2A_R	13.017	-0.176	-0.176
-0.175					
K6D48_R	ON	K6D2P_R	13.398	-0.172	-0.172
-0.173					
K6D48_R	ON	K6D2R_R	20.836	-0.225	-0.225
-0.225					
K6D48_R	ON	K6D2Z_R	21.722	-0.233	-0.233
-0.233					
K6D48_R	ON	K6D2AJ_R	16.593	-0.195	-0.195
-0.196					
K6D48_R	ON	K6D40_R	32.887	0.327	0.327
0.328					
K6D48_R	ON	K6F63_R	150.156	0.457	0.457
0.458					
K6D48_R	ON	K6F68_R	13.068	0.315	0.315
0.316					
K6D48_R	ON	K6F74_R	18.680	0.339	0.339
0.340					

K6D48_R	ON	P5Q3AA	10.977	-0.075	-0.075
-0.077					
K6D48_R	ON	P5Q3AL	11.955	-0.103	-0.103
-0.105					
K6D48_R	ON	P5Q3AP	14.028	-0.095	-0.095
-0.097					
K6D48_R	ON	P5Q3BZ	12.988	-0.100	-0.100
-0.103					
K6D48_R	ON	P5Q30	12.525	-0.086	-0.086
-0.089					
K6D48_R	ON	P5Q3R	11.584	-0.094	-0.094
-0.096					
K6D48_R	ON	P5Q3S	11.367	-0.079	-0.079
-0.082					
K6D48_R	ON	P5Q3T	12.727	-0.083	-0.083
-0.086					
K6D48_R	ON	P5Q3U	12.747	-0.081	-0.081
-0.084					
K6D48_R	ON	P5Q3V	13.797	-0.087	-0.087
-0.090					
K6D48_R	ON	P5Q3AJ	12.179	-0.089	-0.089
-0.091					
K6D48_R	ON	P5Q3BC	10.812	-0.079	-0.079
-0.082					
K6D48_R	ON	P5Q3CF	12.799	-0.088	-0.088
-0.090					
K6D48_R	ON	P5Q3CG	12.820	-0.091	-0.091
-0.093					
K6D48_R	ON	P5Q3CI	10.426	-0.105	-0.105
-0.107					
K6D48_R	ON	P5Q3CN	12.026	-0.095	-0.095
-0.097					
K6D48_R	ON	P5Q3CQ	13.160	-0.084	-0.084
-0.087					
K6D48_R	ON	P5Q3CW	10.950	-0.092	-0.092
-0.094					
K6F63_R	ON	K6D2T_R	10.932	-0.089	-0.089
-0.089					
K6F63_R	ON	K6D2A_R	15.855	-0.182	-0.182
-0.182					
K6F63_R	ON	K6D2P_R	21.845	-0.205	-0.205
-0.206					
K6F63_R	ON	K6D2R_R	25.669	-0.232	-0.232
-0.232					
K6F63_R	ON	K6D2Z_R	18.349	-0.200	-0.200
-0.200					
K6F63_R	ON	K6D2AB_R	11.581	-0.149	-0.149
-0.149					
K6F63_R	ON	K6D2AJ_R	18.257	-0.194	-0.194
-0.195					

K6F63_R	ON	K6D40_R	56.863	0.385	0.385
0.385					
K6F63_R	ON	K6D48_R	150.189	0.457	0.457
0.457					
K6F68_R	ON	K6D48_R	13.086	0.315	0.315
0.314					
K6F68_R	ON	K6F74_R	31.989	0.455	0.455
0.455					
K6F68_R	ON	K6D2I_R	11.644	-0.211	-0.211
-0.209					
K6F74_R	ON	K6D2P_R	10.034	-0.293	-0.293
-0.294					
K6F74_R	ON	K6D40_R	11.014	0.287	0.287
0.287					
K6F74_R	ON	K6D48_R	18.683	0.340	0.340
0.339					
K6F74_R	ON	K6F68_R	31.966	0.455	0.455
0.456					
K6D2B_R	ON	K6D2AG_R	42.097	-0.148	-0.148
-0.148					
K6D2B_R	ON	K6D2AI_R	26.169	-0.145	-0.145
-0.145					
K6D2B_R	ON	K6D2D_R	35.897	-0.160	-0.160
-0.160					
K6D2B_R	ON	K6D2J_R	31.366	-0.150	-0.150
-0.150					
K6D2B_R	ON	K6D2T_R	36.340	-0.157	-0.157
-0.157					
K6D2B_R	ON	K6D2AC_R	73.923	-0.171	-0.171
-0.172					
K6D2B_R	ON	K6D2AK_R	21.117	-0.136	-0.136
-0.136					
K6D2B_R	ON	K6D2C_R	28.393	-0.140	-0.140
-0.140					
K6D2B_R	ON	K6D2N_R	69.364	-0.167	-0.167
-0.167					
K6D2B_R	ON	K6D2X_R	113.593	-0.226	-0.226
-0.226					
K6D2B_R	ON	K6D2P_R	11.370	-0.069	-0.069
-0.070					
K6D2B_R	ON	K6D2R_R	11.406	-0.084	-0.084
-0.084					
K6D2B_R	ON	K6D2AJ_R	10.910	-0.067	-0.067
-0.068					
K6D2B_R	ON	K6D61C	14.151	-0.078	-0.078
-0.079					
K6D2B_R	ON	K6D61K	13.107	-0.075	-0.075
-0.076					
K6D2B_R	ON	K6D61M	14.692	-0.115	-0.115
-0.115					

K6D2B_R	ON	K6D40_R	15.923	-0.115	-0.115
-0.115					
K6D2B_R	ON	K6D48_R	16.249	-0.115	-0.115
-0.115					
K6D2B_R	ON	K6F63_R	11.145	-0.091	-0.091
-0.091					
K6D2B_R	ON	K6F68_R	18.024	-0.126	-0.126
-0.126					
K6D2B_R	ON	K6F74_R	17.798	-0.129	-0.129
-0.129					
K6D2B_R	ON	K6D2K_R	11.716	-0.133	-0.133
-0.133					
K6D2B_R	ON	K6D2M_R	14.116	-0.149	-0.149
-0.149					
K6D2B_R	ON	K6D2V_R	10.663	-0.136	-0.136
-0.136					
K6D2B_R	ON	P5Q3M	18.291	-0.133	-0.133
-0.134					
K6D2B_R	ON	P5Q3AB	14.690	-0.119	-0.119
-0.120					
K6D2B_R	ON	P5Q3AD	14.992	-0.109	-0.109
-0.110					
K6D2B_R	ON	P5Q3AF	20.202	-0.119	-0.119
-0.121					
K6D2B_R	ON	P5Q3AH	20.582	-0.111	-0.111
-0.114					
K6D2B_R	ON	P5Q3AR	15.153	-0.115	-0.115
-0.117					
K6D2B_R	ON	P5Q3AV	17.392	-0.103	-0.103
-0.105					
K6D2B_R	ON	P5Q3AX	18.961	-0.106	-0.106
-0.108					
K6D2B_R	ON	P5Q3BQ	15.683	-0.107	-0.107
-0.108					
K6D2B_R	ON	P5Q3CK	23.167	-0.124	-0.124
-0.127					
K6D2B_R	ON	P5Q3DB	15.468	-0.106	-0.106
-0.107					
K6D2B_R	ON	P5Q3E	13.711	-0.134	-0.134
-0.135					
K6D2B_R	ON	P5Q3A0	15.804	-0.114	-0.114
-0.115					
K6D2B_R	ON	P5Q3BK	17.213	-0.117	-0.117
-0.118					
K6D2B_R	ON	P5Q3B0	18.395	-0.125	-0.125
-0.126					
K6D2B_R	ON	P5Q3CU	20.961	-0.129	-0.129
-0.131					
K6D2B_R	ON	P5Q3DA	22.384	-0.122	-0.122
-0.124					

K6D2B_R	ON	P5Q3AS	21.314	-0.134	-0.134
-0.135					
K6D2B_R	ON	P5Q3AU	17.423	-0.134	-0.134
-0.136					
K6D2B_R	ON	P5Q3AZ	21.563	-0.116	-0.116
-0.119					
K6D2B_R	ON	P5Q3BB1	21.645	-0.121	-0.121
-0.123					
K6D2B_R	ON	P5Q3BB2	14.624	-0.111	-0.111
-0.112					
K6D2B_R	ON	P5Q3BB5	17.233	-0.147	-0.147
-0.148					
K6D2B_R	ON	P5Q3BB6	23.540	-0.120	-0.120
-0.122					
K6D2B_R	ON	P5Q3BB7	19.987	-0.128	-0.128
-0.130					
K6D2F_R	ON	K6D2G_R	10.284	0.129	0.129
0.128					
K6D2F_R	ON	P5Q3M	24.152	-0.134	-0.134
-0.136					
K6D2F_R	ON	P5Q3AB	11.190	-0.093	-0.093
-0.093					
K6D2F_R	ON	P5Q3AD	23.677	-0.117	-0.117
-0.119					
K6D2F_R	ON	P5Q3AF	26.803	-0.117	-0.117
-0.119					
K6D2F_R	ON	P5Q3AH	26.003	-0.109	-0.109
-0.111					
K6D2F_R	ON	P5Q3AR	21.456	-0.118	-0.118
-0.120					
K6D2F_R	ON	P5Q3AV	23.518	-0.104	-0.104
-0.106					
K6D2F_R	ON	P5Q3AX	25.758	-0.108	-0.108
-0.110					
K6D2F_R	ON	P5Q3BQ	23.180	-0.113	-0.113
-0.115					
K6D2F_R	ON	P5Q3CK	29.417	-0.121	-0.121
-0.124					
K6D2F_R	ON	P5Q3DB	23.259	-0.115	-0.115
-0.116					
K6D2F_R	ON	P5Q3E	21.626	-0.147	-0.147
-0.147					
K6D2F_R	ON	P5Q3A0	26.283	-0.129	-0.129
-0.130					
K6D2F_R	ON	P5Q3BK	24.145	-0.122	-0.122
-0.124					
K6D2F_R	ON	P5Q3B0	26.750	-0.133	-0.133
-0.134					
K6D2F_R	ON	P5Q3CU	24.843	-0.122	-0.122
-0.124					

K6D2F_R	ON	P5Q3DA	28.537	-0.121	-0.121
-0.123					
K6D2F_R	ON	P5Q3AS	25.172	-0.129	-0.129
-0.130					
K6D2F_R	ON	P5Q3AU	24.181	-0.140	-0.140
-0.142					
K6D2F_R	ON	P5Q3AZ	26.197	-0.112	-0.112
-0.114					
K6D2F_R	ON	P5Q3BB1	27.096	-0.119	-0.119
-0.121					
K6D2F_R	ON	P5Q3BB2	20.750	-0.115	-0.115
-0.116					
K6D2F_R	ON	P5Q3BB5	25.940	-0.156	-0.156
-0.156					
K6D2F_R	ON	P5Q3BB6	26.457	-0.113	-0.113
-0.115					
K6D2F_R	ON	P5Q3BB7	27.210	-0.131	-0.131
-0.133					
K6D2F_R	ON	P5Q3X	10.682	-0.069	-0.069
-0.070					
K6D2F_R	ON	P5Q3BZ	10.519	-0.063	-0.063
-0.065					
K6D2F_R	ON	P5Q3CJ	10.306	-0.062	-0.062
-0.064					
K6D2F_R	ON	P5Q3C	14.113	-0.074	-0.074
-0.075					
K6D2F_R	ON	P5Q30	12.076	-0.060	-0.060
-0.062					
K6D2F_R	ON	P5Q3R	11.162	-0.066	-0.066
-0.067					
K6D2F_R	ON	P5Q3S	10.112	-0.053	-0.053
-0.055					
K6D2F_R	ON	P5Q3U	10.210	-0.052	-0.052
-0.054					
K6D2F_R	ON	P5Q3V	10.258	-0.054	-0.054
-0.056					
K6D2F_R	ON	P5Q3BC	11.436	-0.058	-0.058
-0.061					
K6D2F_R	ON	P5Q3BN	10.989	-0.062	-0.062
-0.063					
K6D2F_R	ON	P5Q3CF	14.289	-0.066	-0.066
-0.068					
K6D2F_R	ON	P5Q3CG	13.263	-0.066	-0.066
-0.068					
K6D2F_R	ON	P5Q3CH	14.140	-0.079	-0.079
-0.081					
K6D2F_R	ON	P5Q3CI	11.187	-0.078	-0.078
-0.079					
K6D2F_R	ON	P5Q3CN	11.134	-0.065	-0.065
-0.067					

K6D2F_R	ON	P5Q3C0	12.472	-0.058	-0.058
-0.060					
K6D2F_R	ON	P5Q3CQ	10.937	-0.054	-0.054
-0.057					
K6D2G_R	ON	K6D2F_R	10.289	0.129	0.129
0.129					
K6D2G_R	ON	K6D2AF_R	16.410	0.184	0.184
0.185					
K6D2I_R	ON	K6D2AI_R	10.099	0.083	0.083
0.083					
K6D2I_R	ON	K6D2D_R	10.378	0.082	0.082
0.082					
K6D2I_R	ON	K6D2J_R	14.857	0.095	0.095
0.095					
K6D2I_R	ON	K6D2C_R	15.788	0.099	0.099
0.099					
K6D2I_R	ON	K6D2A_R	13.988	-0.082	-0.082
-0.082					
K6D2I_R	ON	K6D2P_R	36.187	-0.103	-0.103
-0.104					
K6D2I_R	ON	K6D2R_R	15.557	-0.082	-0.082
-0.082					
K6D2I_R	ON	K6D2Z_R	15.494	-0.079	-0.079
-0.079					
K6D2I_R	ON	K6D2AB_R	26.393	-0.100	-0.100
-0.101					
K6D2I_R	ON	K6D2AJ_R	49.971	-0.118	-0.118
-0.119					
K6D2I_R	ON	K6D61C	36.711	-0.107	-0.107
-0.109					
K6D2I_R	ON	K6D61D	21.299	-0.098	-0.098
-0.098					
K6D2I_R	ON	K6D61E	25.539	-0.120	-0.120
-0.121					
K6D2I_R	ON	K6D61K	39.474	-0.112	-0.112
-0.113					
K6D2I_R	ON	K6D61L	24.527	-0.122	-0.122
-0.123					
K6D2I_R	ON	K6D61M	49.071	-0.179	-0.179
-0.179					
K6D2I_R	ON	K6D40_R	41.482	-0.155	-0.155
-0.156					
K6D2I_R	ON	K6D48_R	36.636	-0.148	-0.148
-0.148					
K6D2I_R	ON	K6F63_R	32.794	-0.133	-0.133
-0.134					
K6D2I_R	ON	K6F68_R	41.755	-0.165	-0.165
-0.166					
K6D2I_R	ON	K6F74_R	40.330	-0.164	-0.164
-0.165					

K6D2I_R	ON	K6D2K_R	38.885	0.179	0.179
0.180					
K6D2I_R	ON	K6D2M_R	43.262	0.190	0.190
0.190					
K6D2I_R	ON	K6D2V_R	48.334	0.205	0.205
0.205					
K6D2I_R	ON	P5Q3X	18.390	-0.088	-0.088
-0.090					
K6D2I_R	ON	P5Q3AA	22.405	-0.073	-0.073
-0.076					
K6D2I_R	ON	P5Q3AL	22.400	-0.096	-0.096
-0.099					
K6D2I_R	ON	P5Q3AP	21.344	-0.080	-0.080
-0.083					
K6D2I_R	ON	P5Q3BI	10.413	-0.087	-0.087
-0.087					
K6D2I_R	ON	P5Q3BZ	22.114	-0.089	-0.089
-0.092					
K6D2I_R	ON	P5Q3CJ	22.198	-0.087	-0.087
-0.090					
K6D2I_R	ON	P5Q3C	23.831	-0.092	-0.092
-0.094					
K6D2I_R	ON	P5Q30	23.114	-0.080	-0.080
-0.083					
K6D2I_R	ON	P5Q3R	17.861	-0.081	-0.081
-0.083					
K6D2I_R	ON	P5Q3S	20.820	-0.073	-0.073
-0.076					
K6D2I_R	ON	P5Q3T	21.686	-0.074	-0.074
-0.077					
K6D2I_R	ON	P5Q3U	22.770	-0.075	-0.075
-0.078					
K6D2I_R	ON	P5Q3V	21.048	-0.074	-0.074
-0.077					
K6D2I_R	ON	P5Q3AJ	20.819	-0.079	-0.079
-0.082					
K6D2I_R	ON	P5Q3BC	23.088	-0.080	-0.080
-0.083					
K6D2I_R	ON	P5Q3BN	18.605	-0.078	-0.078
-0.080					
K6D2I_R	ON	P5Q3CF	20.963	-0.078	-0.078
-0.081					
K6D2I_R	ON	P5Q3CG	18.261	-0.074	-0.074
-0.077					
K6D2I_R	ON	P5Q3CH	26.097	-0.104	-0.104
-0.107					
K6D2I_R	ON	P5Q3CI	18.693	-0.098	-0.098
-0.100					
K6D2I_R	ON	P5Q3CN	19.404	-0.083	-0.083
-0.085					

K6D2I_R	ON	P5Q3C0	23.421	-0.076	-0.076
-0.079					
K6D2I_R	ON	P5Q3CQ	22.627	-0.076	-0.076
-0.079					
K6D2I_R	ON	P5Q3CW	16.077	-0.077	-0.077
-0.079					
K6D2K_R	ON	K6D2AI_R	12.611	0.093	0.093
0.093					
K6D2K_R	ON	K6D2D_R	19.775	0.113	0.113
0.113					
K6D2K_R	ON	K6D2J_R	22.115	0.118	0.118
0.118					
K6D2K_R	ON	K6D2AC_R	10.868	0.069	0.069
0.070					
K6D2K_R	ON	K6D2C_R	24.326	0.125	0.125
0.125					
K6D2K_R	ON	K6D2X_R	12.005	0.087	0.087
0.087					
K6D2K_R	ON	K6D2B_R	11.715	-0.133	-0.133
-0.134					
K6D2K_R	ON	K6D2I_R	38.885	0.179	0.179
0.179					
K6D2K_R	ON	K6D2M_R	235.332	0.356	0.356
0.356					
K6D2K_R	ON	K6D2S_R	24.767	-0.182	-0.182
-0.183					
K6D2K_R	ON	K6D2V_R	20.265	0.141	0.141
0.141					
K6D2K_R	ON	K6D2AA_R	10.102	-0.115	-0.115
-0.115					
K6D2K_R	ON	P5Q3AB	11.952	-0.094	-0.094
-0.095					
K6D2K_R	ON	P5Q3AD	12.799	-0.086	-0.086
-0.087					
K6D2K_R	ON	P5Q3AF	15.287	-0.089	-0.089
-0.090					
K6D2K_R	ON	P5Q3AH	15.160	-0.082	-0.082
-0.084					
K6D2K_R	ON	P5Q3AR	10.760	-0.083	-0.083
-0.084					
K6D2K_R	ON	P5Q3AV	12.766	-0.076	-0.076
-0.078					
K6D2K_R	ON	P5Q3AX	11.497	-0.071	-0.071
-0.073					
K6D2K_R	ON	P5Q3BQ	15.995	-0.093	-0.093
-0.094					
K6D2K_R	ON	P5Q3CK	13.471	-0.082	-0.082
-0.084					
K6D2K_R	ON	P5Q3DB	12.271	-0.082	-0.082
-0.083					

K6D2K_R	ON	P5Q3A0	12.086	-0.086	-0.086
-0.087					
K6D2K_R	ON	P5Q3B0	12.359	-0.090	-0.090
-0.091					
K6D2K_R	ON	P5Q3CU	13.654	-0.091	-0.091
-0.092					
K6D2K_R	ON	P5Q3DA	13.628	-0.083	-0.083
-0.085					
K6D2K_R	ON	P5Q3AS	14.095	-0.096	-0.096
-0.097					
K6D2K_R	ON	P5Q3AU	13.393	-0.104	-0.104
-0.105					
K6D2K_R	ON	P5Q3AZ	13.027	-0.079	-0.079
-0.080					
K6D2K_R	ON	P5Q3BB1	14.153	-0.085	-0.085
-0.087					
K6D2K_R	ON	P5Q3BB6	12.960	-0.078	-0.078
-0.080					
K6D2K_R	ON	P5Q3BB7	13.342	-0.090	-0.090
-0.092					
K6D2K_R	ON	P5Q3C	10.793	-0.063	-0.063
-0.065					
K6D2K_R	ON	P5Q3U	10.235	-0.051	-0.051
-0.053					
K6D2L_R	ON	K6D2X_R	15.080	-0.114	-0.114
-0.114					
K6D2L_R	ON	K6D2Y_R	11.086	0.136	0.136
0.136					
K6D2M_R	ON	K6D2AG_R	13.053	0.080	0.080
0.081					
K6D2M_R	ON	K6D2AI_R	21.806	0.125	0.125
0.125					
K6D2M_R	ON	K6D2D_R	16.164	0.103	0.103
0.103					
K6D2M_R	ON	K6D2J_R	17.500	0.107	0.107
0.107					
K6D2M_R	ON	K6D2T_R	11.321	0.083	0.083
0.084					
K6D2M_R	ON	K6D2AC_R	15.238	0.084	0.084
0.084					
K6D2M_R	ON	K6D2AK_R	10.614	0.088	0.088
0.088					
K6D2M_R	ON	K6D2C_R	23.754	0.126	0.126
0.126					
K6D2M_R	ON	K6D2N_R	10.763	0.069	0.069
0.069					
K6D2M_R	ON	K6D2X_R	14.195	0.095	0.095
0.095					
K6D2M_R	ON	K6D2B_R	14.111	-0.149	-0.149
-0.150					

K6D2M_R 0.190	ON K6D2I_R	43.265	0.190	0.190
K6D2M_R 0.356	ON K6D2K_R	235.337	0.356	0.356
K6D2M_R -0.196	ON K6D2S_R	28.178	-0.195	-0.195
K6D2M_R 0.137	ON K6D2V_R	19.788	0.137	0.137
K6D2M_R -0.118	ON K6D2AA_R	10.449	-0.118	-0.118
K6D2M_R -0.078	ON P5Q3BQ	10.725	-0.077	-0.077
K6D20_R -0.099	ON P5Q3M	11.838	-0.098	-0.098
K6D20_R -0.083	ON P5Q3AF	11.516	-0.081	-0.081
K6D20_R -0.079	ON P5Q3AH	11.775	-0.077	-0.077
K6D20_R -0.091	ON P5Q3AR	11.397	-0.090	-0.090
K6D20_R -0.084	ON P5Q3AV	13.700	-0.083	-0.083
K6D20_R -0.079	ON P5Q3AX	12.092	-0.077	-0.077
K6D20_R -0.085	ON P5Q3CK	12.588	-0.083	-0.083
K6D20_R -0.084	ON P5Q3DB	11.340	-0.083	-0.083
K6D20_R -0.106	ON P5Q3E	10.291	-0.105	-0.105
K6D20_R -0.103	ON P5Q3A0	15.352	-0.102	-0.102
K6D20_R -0.091	ON P5Q3CU	12.124	-0.089	-0.089
K6D20_R -0.088	ON P5Q3DA	13.102	-0.086	-0.086
K6D20_R -0.094	ON P5Q3AS	12.070	-0.093	-0.093
K6D20_R -0.099	ON P5Q3AU	11.124	-0.098	-0.098
K6D20_R -0.081	ON P5Q3AZ	12.272	-0.079	-0.079
K6D20_R -0.086	ON P5Q3BB1	12.720	-0.085	-0.085
K6D20_R -0.076	ON P5Q3BB6	10.834	-0.075	-0.075
K6D20_R -0.086	ON P5Q3BB7	10.598	-0.085	-0.085
K6D2S_R -0.156	ON K6D2AG_R	54.632	-0.156	-0.156

K6D2S_R -0.156	ON K6D2AI_R	36.992	-0.156	-0.156
K6D2S_R -0.160	ON K6D2D_R	39.744	-0.160	-0.160
K6D2S_R -0.169	ON K6D2J_R	45.818	-0.170	-0.170
K6D2S_R -0.146	ON K6D2T_R	34.140	-0.147	-0.147
K6D2S_R -0.193	ON K6D2AC_R	123.965	-0.193	-0.193
K6D2S_R -0.134	ON K6D2AK_R	23.344	-0.134	-0.134
K6D2S_R -0.170	ON K6D2C_R	46.277	-0.170	-0.170
K6D2S_R -0.189	ON K6D2N_R	113.700	-0.189	-0.189
K6D2S_R -0.193	ON K6D2X_R	87.406	-0.193	-0.193
K6D2S_R -0.067	ON K6D2P_R	11.488	-0.067	-0.067
K6D2S_R -0.083	ON K6D2R_R	12.409	-0.083	-0.083
K6D2S_R -0.071	ON K6D2AJ_R	13.269	-0.070	-0.070
K6D2S_R -0.086	ON K6D61C	17.858	-0.085	-0.085
K6D2S_R -0.089	ON K6D61D	14.402	-0.089	-0.089
K6D2S_R -0.106	ON K6D61E	16.485	-0.105	-0.105
K6D2S_R -0.088	ON K6D61K	18.677	-0.087	-0.087
K6D2S_R -0.091	ON K6D61L	10.936	-0.091	-0.091
K6D2S_R -0.138	ON K6D61M	23.526	-0.138	-0.138
K6D2S_R -0.132	ON K6D40_R	23.254	-0.131	-0.131
K6D2S_R -0.125	ON K6D48_R	21.026	-0.124	-0.124
K6D2S_R -0.126	ON K6F63_R	24.254	-0.126	-0.126
K6D2S_R -0.142	ON K6F68_R	24.956	-0.142	-0.142
K6D2S_R -0.145	ON K6F74_R	24.420	-0.144	-0.144
K6D2S_R -0.181	ON K6D2K_R	24.774	-0.182	-0.182
K6D2S_R -0.195	ON K6D2M_R	28.191	-0.195	-0.195

K6D2S_R	ON	K6D2V_R	19.597	-0.163	-0.163
-0.162					
K6D2S_R	ON	P5Q3AD	10.883	-0.087	-0.087
-0.088					
K6D2S_R	ON	P5Q3AF	10.750	-0.081	-0.081
-0.082					
K6D2S_R	ON	P5Q3AH	12.298	-0.081	-0.081
-0.082					
K6D2S_R	ON	P5Q3AX	10.590	-0.074	-0.074
-0.076					
K6D2S_R	ON	P5Q3BQ	11.298	-0.085	-0.085
-0.086					
K6D2S_R	ON	P5Q3CK	12.909	-0.087	-0.087
-0.089					
K6D2S_R	ON	P5Q3E	11.516	-0.114	-0.114
-0.115					
K6D2S_R	ON	P5Q3A0	12.937	-0.097	-0.097
-0.098					
K6D2S_R	ON	P5Q3BK	10.235	-0.086	-0.086
-0.087					
K6D2S_R	ON	P5Q3B0	14.905	-0.106	-0.106
-0.107					
K6D2S_R	ON	P5Q3DA	14.164	-0.092	-0.092
-0.093					
K6D2S_R	ON	P5Q3AS	13.870	-0.101	-0.101
-0.102					
K6D2S_R	ON	P5Q3AU	10.863	-0.101	-0.101
-0.102					
K6D2S_R	ON	P5Q3AZ	10.557	-0.078	-0.078
-0.079					
K6D2S_R	ON	P5Q3BB1	13.245	-0.089	-0.089
-0.090					
K6D2S_R	ON	P5Q3BB2	10.744	-0.088	-0.088
-0.089					
K6D2S_R	ON	P5Q3BB6	12.301	-0.082	-0.082
-0.084					
K6D2S_R	ON	P5Q3BB7	11.253	-0.090	-0.090
-0.091					
K6D2V_R	ON	K6D2P_R	18.381	-0.080	-0.080
-0.081					
K6D2V_R	ON	K6D2AJ_R	16.240	-0.075	-0.075
-0.076					
K6D2V_R	ON	K6D61K	10.215	-0.062	-0.062
-0.063					
K6D2V_R	ON	K6D61M	15.459	-0.110	-0.110
-0.110					
K6D2V_R	ON	K6F68_R	10.590	-0.091	-0.091
-0.091					
K6D2V_R	ON	K6F74_R	10.548	-0.094	-0.094
-0.095					

K6D2V_R -0.136	ON K6D2B_R	10.665	-0.136	-0.136
K6D2V_R 0.204	ON K6D2I_R	48.332	0.205	0.205
K6D2V_R 0.141	ON K6D2K_R	20.262	0.141	0.141
K6D2V_R 0.137	ON K6D2M_R	19.783	0.137	0.137
K6D2V_R -0.163	ON K6D2S_R	19.595	-0.163	-0.163
K6D2V_R -0.116	ON P5Q3M	16.196	-0.115	-0.115
K6D2V_R -0.094	ON P5Q3AB	10.210	-0.094	-0.094
K6D2V_R -0.096	ON P5Q3AD	13.410	-0.095	-0.095
K6D2V_R -0.099	ON P5Q3AF	16.538	-0.098	-0.098
K6D2V_R -0.102	ON P5Q3AH	19.868	-0.100	-0.100
K6D2V_R -0.106	ON P5Q3AR	15.017	-0.104	-0.104
K6D2V_R -0.092	ON P5Q3AV	15.936	-0.090	-0.090
K6D2V_R -0.089	ON P5Q3AX	15.263	-0.087	-0.087
K6D2V_R -0.108	ON P5Q3BQ	18.806	-0.107	-0.107
K6D2V_R -0.099	ON P5Q3CK	16.431	-0.097	-0.097
K6D2V_R -0.087	ON P5Q3DB	11.957	-0.087	-0.087
K6D2V_R -0.124	ON P5Q3E	13.815	-0.123	-0.123
K6D2V_R -0.113	ON P5Q3A0	18.095	-0.112	-0.112
K6D2V_R -0.099	ON P5Q3BK	13.969	-0.098	-0.098
K6D2V_R -0.105	ON P5Q3B0	14.370	-0.104	-0.104
K6D2V_R -0.111	ON P5Q3CU	17.769	-0.109	-0.109
K6D2V_R -0.100	ON P5Q3DA	16.755	-0.098	-0.098
K6D2V_R -0.110	ON P5Q3AS	16.291	-0.109	-0.109
K6D2V_R -0.115	ON P5Q3AU	14.203	-0.113	-0.113
K6D2V_R -0.092	ON P5Q3AZ	14.844	-0.090	-0.090

K6D2V_R	ON	P5Q3BB1	14.828	-0.094	-0.094
-0.095					
K6D2V_R	ON	P5Q3BB6	16.681	-0.093	-0.093
-0.095					
K6D2V_R	ON	P5Q3BB7	14.856	-0.102	-0.102
-0.103					
K6D2V_R	ON	P5Q3X	21.363	-0.102	-0.102
-0.105					
K6D2V_R	ON	P5Q3AA	19.394	-0.074	-0.074
-0.076					
K6D2V_R	ON	P5Q3AL	17.236	-0.091	-0.091
-0.093					
K6D2V_R	ON	P5Q3AP	21.892	-0.087	-0.087
-0.090					
K6D2V_R	ON	P5Q3BI	12.013	-0.100	-0.100
-0.101					
K6D2V_R	ON	P5Q3BZ	20.827	-0.092	-0.092
-0.095					
K6D2V_R	ON	P5Q3CJ	22.807	-0.095	-0.095
-0.098					
K6D2V_R	ON	P5Q3C	26.254	-0.104	-0.104
-0.106					
K6D2V_R	ON	P5Q30	23.037	-0.086	-0.086
-0.089					
K6D2V_R	ON	P5Q3R	21.398	-0.095	-0.095
-0.097					
K6D2V_R	ON	P5Q3S	22.493	-0.082	-0.082
-0.085					
K6D2V_R	ON	P5Q3T	24.504	-0.084	-0.084
-0.088					
K6D2V_R	ON	P5Q3U	23.045	-0.082	-0.082
-0.085					
K6D2V_R	ON	P5Q3V	20.700	-0.080	-0.080
-0.083					
K6D2V_R	ON	P5Q3AJ	20.424	-0.085	-0.085
-0.088					
K6D2V_R	ON	P5Q3BC	21.971	-0.085	-0.085
-0.088					
K6D2V_R	ON	P5Q3BN	18.527	-0.083	-0.083
-0.086					
K6D2V_R	ON	P5Q3CF	22.834	-0.087	-0.087
-0.090					
K6D2V_R	ON	P5Q3CG	22.595	-0.090	-0.090
-0.092					
K6D2V_R	ON	P5Q3CH	27.499	-0.114	-0.114
-0.117					
K6D2V_R	ON	P5Q3CI	21.958	-0.113	-0.113
-0.115					
K6D2V_R	ON	P5Q3CN	23.555	-0.098	-0.098
-0.101					

K6D2V_R ON P5Q3C0 -0.087	24.116	-0.083	-0.083
K6D2V_R ON P5Q3CQ -0.086	23.082	-0.082	-0.082
K6D2V_R ON P5Q3CW -0.098	21.488	-0.096	-0.096
K6D2W_R ON K6D2AE_R 0.141	24.852	0.142	0.142
K6D2Y_R ON K6D2L_R 0.136	11.082	0.136	0.136
K6D2Y_R ON K6D2AF_R 0.203	32.159	0.204	0.204
K6D2AA_R ON K6D2Z_R 0.089	14.415	0.088	0.088
K6D2AA_R ON K6D2AB_R 0.075	11.066	0.075	0.075
K6D2AA_R ON K6D2K_R -0.115	10.105	-0.115	-0.115
K6D2AA_R ON K6D2M_R -0.118	10.454	-0.118	-0.118
K6D2AA_R ON P5Q3M -0.103	12.247	-0.102	-0.102
K6D2AA_R ON P5Q3AB -0.095	10.714	-0.095	-0.095
K6D2AA_R ON P5Q3AD -0.111	17.878	-0.109	-0.109
K6D2AA_R ON P5Q3AF -0.099	15.863	-0.098	-0.098
K6D2AA_R ON P5Q3AH -0.097	17.113	-0.095	-0.095
K6D2AA_R ON P5Q3AR -0.103	13.872	-0.102	-0.102
K6D2AA_R ON P5Q3AV -0.092	15.653	-0.090	-0.090
K6D2AA_R ON P5Q3AX -0.095	17.255	-0.093	-0.093
K6D2AA_R ON P5Q3BQ -0.101	16.229	-0.100	-0.100
K6D2AA_R ON P5Q3CK -0.105	17.950	-0.103	-0.103
K6D2AA_R ON P5Q3DB -0.093	13.477	-0.092	-0.092
K6D2AA_R ON P5Q3E -0.137	16.545	-0.136	-0.136
K6D2AA_R ON P5Q3A0 -0.126	21.702	-0.125	-0.125
K6D2AA_R ON P5Q3BK -0.105	15.774	-0.104	-0.104
K6D2AA_R ON P5Q3B0 -0.118	18.301	-0.117	-0.117

K6D2AA_R ON P5Q3CU -0.107	16.287	-0.106	-0.106
K6D2AA_R ON P5Q3DA -0.104	17.900	-0.102	-0.102
K6D2AA_R ON P5Q3AS -0.112	16.548	-0.111	-0.111
K6D2AA_R ON P5Q3AU -0.123	16.117	-0.122	-0.122
K6D2AA_R ON P5Q3AZ -0.097	16.858	-0.095	-0.095
K6D2AA_R ON P5Q3BB1 -0.104	17.851	-0.103	-0.103
K6D2AA_R ON P5Q3BB2 -0.108	15.667	-0.107	-0.107
K6D2AA_R ON P5Q3BB5 -0.149	20.442	-0.148	-0.148
K6D2AA_R ON P5Q3BB6 -0.102	18.657	-0.100	-0.100
K6D2AA_R ON P5Q3BB7 -0.112	17.728	-0.110	-0.110
K6D2AE_R ON K6D2AG_R 0.134	40.100	0.134	0.134
K6D2AE_R ON K6D2AI_R 0.138	30.709	0.138	0.138
K6D2AE_R ON K6D2D_R 0.168	46.797	0.168	0.168
K6D2AE_R ON K6D2J_R 0.147	39.002	0.147	0.147
K6D2AE_R ON K6D2T_R 0.172	50.037	0.171	0.171
K6D2AE_R ON K6D2AC_R 0.131	40.863	0.130	0.130
K6D2AE_R ON K6D2AK_R 0.166	42.508	0.166	0.166
K6D2AE_R ON K6D2C_R 0.149	38.786	0.149	0.149
K6D2AE_R ON K6D2N_R 0.114	32.325	0.114	0.114
K6D2AE_R ON K6D2X_R 0.154	39.702	0.153	0.153
K6D2AE_R ON K6D2A_R 0.145	45.561	0.145	0.145
K6D2AE_R ON K6D2P_R 0.114	43.254	0.113	0.113
K6D2AE_R ON K6D2R_R 0.135	45.433	0.135	0.135
K6D2AE_R ON K6D2Z_R 0.153	62.565	0.152	0.152
K6D2AE_R ON K6D2AB_R 0.152	61.170	0.152	0.152

K6D2AE_R ON K6D2AJ_R 0.109	40.472	0.108	0.108
K6D2AE_R ON K6D61C 0.132	52.041	0.130	0.130
K6D2AE_R ON K6D61D 0.159	56.378	0.157	0.157
K6D2AE_R ON K6D61E 0.175	56.347	0.174	0.174
K6D2AE_R ON K6D61K 0.128	48.692	0.126	0.126
K6D2AE_R ON K6D61L 0.193	58.793	0.192	0.192
K6D2AE_R ON K6D61M 0.121	21.870	0.121	0.121
K6D2AE_R ON K6D40_R 0.173	47.665	0.171	0.171
K6D2AE_R ON K6D48_R 0.146	34.834	0.146	0.146
K6D2AE_R ON K6F63_R 0.142	36.397	0.141	0.141
K6D2AE_R ON K6F68_R 0.197	57.618	0.195	0.195
K6D2AE_R ON K6F74_R 0.199	56.101	0.198	0.198
K6D2AE_R ON K6D2W_R 0.142	24.849	0.142	0.142
K6D2AF_R ON K6D2G_R 0.184	16.410	0.184	0.184
K6D2AF_R ON K6D2Y_R 0.204	32.162	0.204	0.204
P5Q3M ON K6D2A_R 0.303	115.536	0.305	0.305
P5Q3M ON K6D2P_R 0.243	125.516	0.243	0.243
P5Q3M ON K6D2R_R 0.287	119.472	0.288	0.288
P5Q3M ON K6D2Z_R 0.290	132.076	0.291	0.291
P5Q3M ON K6D2AB_R 0.272	117.848	0.273	0.273
P5Q3M ON K6D2AJ_R 0.246	133.087	0.246	0.246
P5Q3M ON K6D61C 0.278	169.175	0.276	0.276
P5Q3M ON K6D61D 0.297	136.514	0.298	0.298
P5Q3M ON K6D61E 0.348	160.530	0.349	0.349
P5Q3M ON K6D61K 0.278	168.810	0.276	0.276

P5Q3M 0.351	ON K6D61L	136.848	0.352	0.352
P5Q3M 0.344	ON K6D61M	112.801	0.346	0.346
P5Q3M 0.379	ON K6D40_R	171.285	0.380	0.380
P5Q3M 0.350	ON K6D48_R	133.472	0.351	0.351
P5Q3M 0.332	ON K6F63_R	138.283	0.333	0.333
P5Q3M 0.407	ON K6F68_R	186.507	0.407	0.407
P5Q3M 0.414	ON K6F74_R	184.365	0.415	0.415
P5Q3M 0.733	ON P5Q3X	1221.212	0.724	0.724
P5Q3M 0.568	ON P5Q3AA	1255.866	0.552	0.552
P5Q3M 0.722	ON P5Q3AL	1237.789	0.711	0.711
P5Q3M 0.632	ON P5Q3AP	1252.975	0.619	0.619
P5Q3M 0.866	ON P5Q3BI	910.827	0.867	0.867
P5Q3M 0.705	ON P5Q3BZ	1357.895	0.689	0.689
P5Q3M 0.685	ON P5Q3CJ	1333.965	0.669	0.669
P5Q3M 0.672	ON P5Q3C	1199.910	0.664	0.664
P5Q3M 0.608	ON P5Q30	1334.680	0.591	0.591
P5Q3M 0.680	ON P5Q3R	1281.441	0.671	0.671
P5Q3M 0.590	ON P5Q3S	1333.366	0.572	0.572
P5Q3M 0.583	ON P5Q3T	1329.338	0.564	0.564
P5Q3M 0.580	ON P5Q3U	1262.198	0.564	0.564
P5Q3M 0.599	ON P5Q3V	1247.889	0.583	0.583
P5Q3M 0.644	ON P5Q3AJ	1326.768	0.627	0.627
P5Q3M 0.621	ON P5Q3BC	1358.986	0.601	0.601
P5Q3M 0.646	ON P5Q3BN	1334.529	0.633	0.633
P5Q3M 0.616	ON P5Q3CF	1256.706	0.602	0.602

P5Q3M 0.630	ON P5Q3CG	1290.223	0.617	0.617
P5Q3M 0.728	ON P5Q3CH	1313.346	0.718	0.718
P5Q3M 0.808	ON P5Q3CI	1277.453	0.800	0.800
P5Q3M 0.688	ON P5Q3CN	1267.402	0.675	0.675
P5Q3M 0.578	ON P5Q3C0	1282.249	0.561	0.561
P5Q3M 0.601	ON P5Q3CQ	1374.447	0.579	0.579
P5Q3M 0.695	ON P5Q3CW	1237.429	0.684	0.684
P5Q3AB 0.098	ON K6D2A_R	15.868	0.098	0.098
P5Q3AB 0.078	ON K6D2P_R	16.447	0.077	0.077
P5Q3AB 0.088	ON K6D2R_R	14.475	0.088	0.088
P5Q3AB 0.084	ON K6D2Z_R	14.093	0.084	0.084
P5Q3AB 0.085	ON K6D2AB_R	15.313	0.086	0.086
P5Q3AB 0.080	ON K6D2AJ_R	18.126	0.079	0.079
P5Q3AB 0.085	ON K6D61C	20.632	0.084	0.084
P5Q3AB 0.090	ON K6D61D	16.182	0.090	0.090
P5Q3AB 0.112	ON K6D61E	21.389	0.112	0.112
P5Q3AB 0.083	ON K6D61K	19.314	0.082	0.082
P5Q3AB 0.116	ON K6D61L	19.073	0.116	0.116
P5Q3AB 0.113	ON K6D61M	15.878	0.113	0.113
P5Q3AB 0.113	ON K6D40_R	20.001	0.113	0.113
P5Q3AB 0.101	ON K6D48_R	14.740	0.101	0.101
P5Q3AB 0.094	ON K6F63_R	14.328	0.095	0.095
P5Q3AB 0.126	ON K6F68_R	23.400	0.126	0.126
P5Q3AB 0.132	ON K6F74_R	24.476	0.132	0.132
P5Q3AB 0.183	ON P5Q3AV	14.391	0.180	0.180

P5Q3AB 0.392	ON P5Q3X	375.908	0.387	0.387
P5Q3AB 0.315	ON P5Q3AA	415.968	0.305	0.305
P5Q3AB 0.401	ON P5Q3AL	397.224	0.394	0.394
P5Q3AB 0.348	ON P5Q3AP	402.904	0.340	0.340
P5Q3AB 0.466	ON P5Q3BI	307.058	0.465	0.465
P5Q3AB 0.389	ON P5Q3BZ	439.972	0.379	0.379
P5Q3AB 0.381	ON P5Q3CJ	436.272	0.371	0.371
P5Q3AB 0.366	ON P5Q3C	363.620	0.360	0.360
P5Q3AB 0.338	ON P5Q30	409.306	0.327	0.327
P5Q3AB 0.380	ON P5Q3R	407.517	0.374	0.374
P5Q3AB 0.326	ON P5Q3S	411.299	0.316	0.316
P5Q3AB 0.320	ON P5Q3T	408.987	0.309	0.309
P5Q3AB 0.321	ON P5Q3U	406.592	0.311	0.311
P5Q3AB 0.325	ON P5Q3V	395.905	0.315	0.315
P5Q3AB 0.351	ON P5Q3AJ	417.533	0.341	0.341
P5Q3AB 0.343	ON P5Q3BC	436.180	0.331	0.331
P5Q3AB 0.363	ON P5Q3BN	411.696	0.354	0.354
P5Q3AB 0.347	ON P5Q3CF	421.828	0.338	0.338
P5Q3AB 0.356	ON P5Q3CG	422.100	0.348	0.348
P5Q3AB 0.410	ON P5Q3CH	434.276	0.403	0.403
P5Q3AB 0.458	ON P5Q3CI	444.787	0.452	0.452
P5Q3AB 0.370	ON P5Q3CN	395.428	0.362	0.362
P5Q3AB 0.320	ON P5Q3C0	405.796	0.310	0.310
P5Q3AB 0.332	ON P5Q3CQ	447.261	0.319	0.319
P5Q3AB 0.383	ON P5Q3CW	403.250	0.376	0.376

P5Q3AD 0.177	ON K6D2A_R	36.036	0.179	0.179
P5Q3AD 0.143	ON K6D2P_R	37.746	0.143	0.143
P5Q3AD 0.154	ON K6D2R_R	30.409	0.155	0.155
P5Q3AD 0.178	ON K6D2Z_R	42.636	0.180	0.180
P5Q3AD 0.150	ON K6D2AB_R	32.213	0.151	0.151
P5Q3AD 0.144	ON K6D2AJ_R	40.885	0.144	0.144
P5Q3AD 0.164	ON K6D61C	54.069	0.164	0.164
P5Q3AD 0.160	ON K6D61D	35.598	0.161	0.161
P5Q3AD 0.207	ON K6D61E	49.578	0.209	0.209
P5Q3AD 0.160	ON K6D61K	50.586	0.160	0.160
P5Q3AD 0.206	ON K6D61L	41.564	0.208	0.208
P5Q3AD 0.204	ON K6D61M	35.829	0.206	0.206
P5Q3AD 0.229	ON K6D40_R	55.711	0.230	0.230
P5Q3AD 0.209	ON K6D48_R	43.889	0.211	0.211
P5Q3AD 0.189	ON K6F63_R	40.050	0.190	0.190
P5Q3AD 0.241	ON K6F68_R	58.481	0.242	0.242
P5Q3AD 0.244	ON K6F74_R	57.566	0.246	0.246
P5Q3AD 0.582	ON P5Q3X	651.073	0.577	0.577
P5Q3AD 0.438	ON P5Q3AA	610.973	0.427	0.427
P5Q3AD 0.571	ON P5Q3AL	653.095	0.566	0.566
P5Q3AD 0.495	ON P5Q3AP	640.868	0.487	0.487
P5Q3AD 0.681	ON P5Q3BI	499.435	0.685	0.685
P5Q3AD 0.549	ON P5Q3BZ	693.304	0.539	0.539
P5Q3AD 0.532	ON P5Q3CJ	684.818	0.522	0.522
P5Q3AD 0.520	ON P5Q3C	578.003	0.516	0.516

P5Q3AD 0.484	ON P5Q30	672.816	0.473	0.473
P5Q3AD 0.531	ON P5Q3R	619.806	0.526	0.526
P5Q3AD 0.469	ON P5Q3S	667.008	0.457	0.457
P5Q3AD 0.463	ON P5Q3T	669.107	0.450	0.450
P5Q3AD 0.446	ON P5Q3U	621.525	0.436	0.436
P5Q3AD 0.462	ON P5Q3V	633.236	0.452	0.452
P5Q3AD 0.505	ON P5Q3AJ	687.820	0.494	0.494
P5Q3AD 0.487	ON P5Q3BC	705.830	0.474	0.474
P5Q3AD 0.514	ON P5Q3BN	666.426	0.506	0.506
P5Q3AD 0.477	ON P5Q3CF	623.026	0.469	0.469
P5Q3AD 0.501	ON P5Q3CG	651.379	0.492	0.492
P5Q3AD 0.577	ON P5Q3CH	668.592	0.571	0.571
P5Q3AD 0.631	ON P5Q3CI	689.811	0.628	0.628
P5Q3AD 0.531	ON P5Q3CN	642.688	0.524	0.524
P5Q3AD 0.450	ON P5Q3C0	622.686	0.440	0.440
P5Q3AD 0.466	ON P5Q3CQ	708.698	0.451	0.451
P5Q3AD 0.544	ON P5Q3CW	632.959	0.538	0.538
P5Q3AF 0.354	ON K6D2A_R	128.843	0.359	0.359
P5Q3AF 0.291	ON K6D2P_R	143.214	0.293	0.293
P5Q3AF 0.322	ON K6D2R_R	119.858	0.326	0.326
P5Q3AF 0.327	ON K6D2Z_R	133.596	0.331	0.331
P5Q3AF 0.312	ON K6D2AB_R	128.379	0.315	0.315
P5Q3AF 0.292	ON K6D2AJ_R	151.461	0.293	0.293
P5Q3AF 0.316	ON K6D61C	182.605	0.317	0.317
P5Q3AF 0.333	ON K6D61D	137.826	0.336	0.336

P5Q3AF 0.399	ON K6D61E	169.563	0.403	0.403
P5Q3AF 0.316	ON K6D61K	179.107	0.317	0.317
P5Q3AF 0.403	ON K6D61L	150.623	0.408	0.408
P5Q3AF 0.412	ON K6D61M	128.792	0.418	0.418
P5Q3AF 0.437	ON K6D40_R	193.706	0.441	0.441
P5Q3AF 0.415	ON K6D48_R	159.371	0.420	0.420
P5Q3AF 0.389	ON K6F63_R	155.132	0.393	0.393
P5Q3AF 0.463	ON K6F68_R	203.696	0.467	0.467
P5Q3AF 0.474	ON K6F74_R	198.900	0.479	0.479
P5Q3AF -0.091	ON K6D2B_R	14.470	-0.092	-0.092
P5Q3AF -0.098	ON K6D2F_R	15.227	-0.099	-0.099
P5Q3AF -0.138	ON K6D2G_R	12.704	-0.140	-0.140
P5Q3AF -0.115	ON K6D2I_R	13.824	-0.117	-0.117
P5Q3AF -0.112	ON K6D2K_R	16.222	-0.113	-0.113
P5Q3AF -0.105	ON K6D2L_R	15.743	-0.106	-0.106
P5Q3AF -0.111	ON K6D2M_R	16.745	-0.113	-0.113
P5Q3AF -0.100	ON K6D2O_R	12.406	-0.102	-0.102
P5Q3AF -0.072	ON K6D2S_R	12.265	-0.073	-0.073
P5Q3AF -0.106	ON K6D2V_R	14.754	-0.108	-0.108
P5Q3AF -0.084	ON K6D2W_R	11.034	-0.086	-0.086
P5Q3AF -0.099	ON K6D2Y_R	13.644	-0.101	-0.101
P5Q3AF -0.088	ON K6D2AA_R	12.490	-0.089	-0.089
P5Q3AF -0.107	ON K6D2AF_R	14.105	-0.108	-0.108
P5Q3AF -0.121	ON K6D2AH_R	14.056	-0.123	-0.123
P5Q3AF 0.249	ON P5Q3AH	25.167	0.248	0.248

P5Q3AF 0.754	ON P5Q3X	1073.883	0.751	0.751
P5Q3AF 0.584	ON P5Q3AA	1082.869	0.571	0.571
P5Q3AF 0.736	ON P5Q3AL	1090.235	0.731	0.731
P5Q3AF 0.647	ON P5Q3AP	1086.891	0.638	0.638
P5Q3AF 0.909	ON P5Q3BI	846.366	0.918	0.918
P5Q3AF 0.716	ON P5Q3BZ	1184.707	0.706	0.706
P5Q3AF 0.691	ON P5Q3CJ	1159.948	0.680	0.680
P5Q3AF 0.703	ON P5Q3C	1082.441	0.699	0.699
P5Q3AF 0.627	ON P5Q30	1145.777	0.615	0.615
P5Q3AF 0.711	ON P5Q3R	1102.456	0.707	0.707
P5Q3AF 0.611	ON P5Q3S	1140.649	0.597	0.597
P5Q3AF 0.600	ON P5Q3T	1139.198	0.585	0.585
P5Q3AF 0.593	ON P5Q3U	1097.470	0.581	0.581
P5Q3AF 0.599	ON P5Q3V	1071.087	0.588	0.588
P5Q3AF 0.655	ON P5Q3AJ	1161.104	0.642	0.642
P5Q3AF 0.634	ON P5Q3BC	1182.058	0.619	0.619
P5Q3AF 0.659	ON P5Q3BN	1156.582	0.651	0.651
P5Q3AF 0.627	ON P5Q3CF	1100.286	0.618	0.618
P5Q3AF 0.648	ON P5Q3CG	1117.882	0.639	0.639
P5Q3AF 0.738	ON P5Q3CH	1139.566	0.734	0.734
P5Q3AF 0.817	ON P5Q3CI	1113.231	0.815	0.815
P5Q3AF 0.695	ON P5Q3CN	1085.755	0.688	0.688
P5Q3AF 0.592	ON P5Q3C0	1128.929	0.580	0.580
P5Q3AF 0.604	ON P5Q3CQ	1200.912	0.586	0.586
P5Q3AF 0.713	ON P5Q3CW	1081.019	0.708	0.708

P5Q3AH 0.383	ON K6D2A_R	104.034	0.391	0.391
P5Q3AH 0.313	ON K6D2P_R	119.194	0.318	0.318
P5Q3AH 0.362	ON K6D2R_R	106.413	0.368	0.368
P5Q3AH 0.384	ON K6D2Z_R	122.966	0.391	0.391
P5Q3AH 0.347	ON K6D2AB_R	110.990	0.353	0.353
P5Q3AH 0.323	ON K6D2AJ_R	130.383	0.327	0.327
P5Q3AH 0.356	ON K6D61C	162.197	0.359	0.359
P5Q3AH 0.379	ON K6D61D	122.312	0.385	0.385
P5Q3AH 0.458	ON K6D61E	154.973	0.466	0.466
P5Q3AH 0.351	ON K6D61K	157.539	0.354	0.354
P5Q3AH 0.459	ON K6D61L	132.082	0.468	0.468
P5Q3AH 0.464	ON K6D61M	115.803	0.474	0.474
P5Q3AH 0.494	ON K6D40_R	167.172	0.502	0.502
P5Q3AH 0.456	ON K6D48_R	130.855	0.465	0.465
P5Q3AH 0.439	ON K6F63_R	131.937	0.447	0.447
P5Q3AH 0.521	ON K6F68_R	180.679	0.529	0.529
P5Q3AH 0.530	ON K6F74_R	177.742	0.538	0.538
P5Q3AH -0.120	ON K6D2I_R	10.027	-0.123	-0.123
P5Q3AH -0.115	ON K6D2K_R	11.472	-0.118	-0.118
P5Q3AH -0.125	ON K6D2V_R	13.739	-0.128	-0.128
P5Q3AH -0.101	ON K6D2W_R	11.038	-0.104	-0.104
P5Q3AH -0.124	ON K6D2AE_R	10.137	-0.127	-0.127
P5Q3AH 0.246	ON P5Q3AF	25.159	0.248	0.248
P5Q3AH -0.222	ON P5Q3BB2	10.191	-0.225	-0.225
P5Q3AH 0.853	ON P5Q3X	1050.705	0.855	0.855

P5Q3AH 0.663	ON P5Q3AA	1088.073	0.653	0.653
P5Q3AH 0.832	ON P5Q3AL	1091.133	0.831	0.831
P5Q3AH 0.727	ON P5Q3AP	1087.783	0.722	0.722
P5Q3AH 1.072	ON P5Q3BI	873.545	1.089	1.089
P5Q3AH 0.791	ON P5Q3BZ	1164.012	0.784	0.784
P5Q3AH 0.758	ON P5Q3CJ	1135.997	0.750	0.750
P5Q3AH 0.789	ON P5Q3C	1043.576	0.789	0.789
P5Q3AH 0.698	ON P5Q3O	1110.988	0.688	0.688
P5Q3AH 0.794	ON P5Q3R	1062.787	0.794	0.794
P5Q3AH 0.682	ON P5Q3S	1120.967	0.671	0.671
P5Q3AH 0.666	ON P5Q3T	1115.226	0.654	0.654
P5Q3AH 0.669	ON P5Q3U	1093.211	0.660	0.660
P5Q3AH 0.679	ON P5Q3V	1074.655	0.671	0.671
P5Q3AH 0.721	ON P5Q3AJ	1137.965	0.711	0.711
P5Q3AH 0.697	ON P5Q3BC	1168.865	0.684	0.684
P5Q3AH 0.749	ON P5Q3BN	1103.846	0.744	0.744
P5Q3AH 0.690	ON P5Q3CF	1081.909	0.684	0.684
P5Q3AH 0.723	ON P5Q3CG	1079.173	0.718	0.718
P5Q3AH 0.812	ON P5Q3CH	1128.156	0.812	0.812
P5Q3AH 0.915	ON P5Q3CI	1097.924	0.918	0.918
P5Q3AH 0.785	ON P5Q3CN	1081.603	0.782	0.782
P5Q3AH 0.673	ON P5Q3CO	1110.176	0.663	0.663
P5Q3AH 0.669	ON P5Q3CQ	1178.462	0.653	0.653
P5Q3AH 0.800	ON P5Q3CW	1074.538	0.799	0.799
P5Q3AR 0.242	ON K6D2A_R	56.334	0.244	0.244

P5Q3AR 0.204	ON K6D2P_R	65.847	0.204	0.204
P5Q3AR 0.220	ON K6D2R_R	53.006	0.222	0.222
P5Q3AR 0.232	ON K6D2Z_R	61.897	0.234	0.234
P5Q3AR 0.221	ON K6D2AB_R	58.451	0.222	0.222
P5Q3AR 0.205	ON K6D2AJ_R	67.197	0.206	0.206
P5Q3AR 0.227	ON K6D61C	82.324	0.226	0.226
P5Q3AR 0.248	ON K6D61D	68.704	0.249	0.249
P5Q3AR 0.294	ON K6D61E	84.148	0.296	0.296
P5Q3AR 0.226	ON K6D61K	81.927	0.225	0.225
P5Q3AR 0.297	ON K6D61L	70.224	0.299	0.299
P5Q3AR 0.275	ON K6D61M	55.153	0.278	0.278
P5Q3AR 0.302	ON K6D40_R	81.853	0.303	0.303
P5Q3AR 0.283	ON K6D48_R	66.181	0.285	0.285
P5Q3AR 0.267	ON K6F63_R	64.966	0.269	0.269
P5Q3AR 0.331	ON K6F68_R	91.033	0.333	0.333
P5Q3AR 0.328	ON K6F74_R	88.509	0.330	0.330
P5Q3AR 0.645	ON P5Q3X	691.376	0.640	0.640
P5Q3AR 0.498	ON P5Q3AA	711.604	0.485	0.485
P5Q3AR 0.636	ON P5Q3AL	723.393	0.629	0.629
P5Q3AR 0.561	ON P5Q3AP	722.178	0.551	0.551
P5Q3AR 0.781	ON P5Q3BI	555.332	0.786	0.786
P5Q3AR 0.607	ON P5Q3BZ	767.421	0.596	0.596
P5Q3AR 0.580	ON P5Q3CJ	754.097	0.569	0.569
P5Q3AR 0.590	ON P5Q3C	652.165	0.584	0.584
P5Q3AR 0.541	ON P5Q30	739.282	0.528	0.528

P5Q3AR 0.591	ON P5Q3R	662.190	0.585	0.585
P5Q3AR 0.520	ON P5Q3S	736.981	0.507	0.507
P5Q3AR 0.514	ON P5Q3T	742.641	0.500	0.500
P5Q3AR 0.500	ON P5Q3U	685.569	0.489	0.489
P5Q3AR 0.523	ON P5Q3V	725.642	0.511	0.511
P5Q3AR 0.563	ON P5Q3AJ	770.223	0.551	0.551
P5Q3AR 0.534	ON P5Q3BC	773.713	0.519	0.519
P5Q3AR 0.575	ON P5Q3BN	723.057	0.565	0.565
P5Q3AR 0.542	ON P5Q3CF	717.436	0.531	0.531
P5Q3AR 0.556	ON P5Q3CG	743.395	0.546	0.546
P5Q3AR 0.641	ON P5Q3CH	736.469	0.635	0.635
P5Q3AR 0.699	ON P5Q3CI	742.662	0.694	0.694
P5Q3AR 0.603	ON P5Q3CN	725.719	0.595	0.595
P5Q3AR 0.511	ON P5Q3C0	718.406	0.498	0.498
P5Q3AR 0.520	ON P5Q3CQ	777.654	0.503	0.503
P5Q3AR 0.608	ON P5Q3CW	723.033	0.601	0.601
P5Q3AV 0.187	ON K6D2A_R	36.240	0.190	0.190
P5Q3AV 0.173	ON K6D2P_R	51.580	0.175	0.175
P5Q3AV 0.188	ON K6D2R_R	41.173	0.191	0.191
P5Q3AV 0.183	ON K6D2Z_R	42.096	0.186	0.186
P5Q3AV 0.188	ON K6D2AB_R	45.392	0.191	0.191
P5Q3AV 0.171	ON K6D2AJ_R	52.148	0.173	0.173
P5Q3AV 0.189	ON K6D61C	64.086	0.190	0.190
P5Q3AV 0.195	ON K6D61D	47.766	0.197	0.197
P5Q3AV 0.244	ON K6D61E	63.484	0.247	0.247

P5Q3AV 0.182	ON K6D61K	59.732	0.183	0.183
P5Q3AV 0.236	ON K6D61L	50.836	0.239	0.239
P5Q3AV 0.233	ON K6D61M	42.792	0.237	0.237
P5Q3AV 0.261	ON K6D40_R	65.545	0.264	0.264
P5Q3AV 0.240	ON K6D48_R	54.070	0.244	0.244
P5Q3AV 0.221	ON K6F63_R	49.332	0.224	0.224
P5Q3AV 0.282	ON K6F68_R	73.462	0.286	0.286
P5Q3AV 0.286	ON K6F74_R	72.139	0.290	0.290
P5Q3AV 0.178	ON P5Q3AB	14.394	0.180	0.180
P5Q3AV 0.651	ON P5Q3X	781.758	0.650	0.650
P5Q3AV 0.500	ON P5Q3AA	777.764	0.491	0.491
P5Q3AV 0.646	ON P5Q3AL	805.378	0.643	0.643
P5Q3AV 0.561	ON P5Q3AP	806.976	0.555	0.555
P5Q3AV 0.751	ON P5Q3BI	581.285	0.760	0.760
P5Q3AV 0.617	ON P5Q3BZ	864.033	0.610	0.610
P5Q3AV 0.599	ON P5Q3CJ	852.306	0.591	0.591
P5Q3AV 0.609	ON P5Q3C	781.324	0.608	0.608
P5Q3AV 0.549	ON P5Q30	832.401	0.540	0.540
P5Q3AV 0.613	ON P5Q3R	806.926	0.611	0.611
P5Q3AV 0.531	ON P5Q3S	836.981	0.521	0.521
P5Q3AV 0.516	ON P5Q3T	836.740	0.505	0.505
P5Q3AV 0.509	ON P5Q3U	794.388	0.501	0.501
P5Q3AV 0.523	ON P5Q3V	778.140	0.514	0.514
P5Q3AV 0.568	ON P5Q3AJ	841.985	0.559	0.559
P5Q3AV 0.547	ON P5Q3BC	875.702	0.536	0.536

P5Q3AV 0.582	ON P5Q3BN	834.800	0.577	0.577
P5Q3AV 0.548	ON P5Q3CF	824.718	0.541	0.541
P5Q3AV 0.562	ON P5Q3CG	855.846	0.557	0.557
P5Q3AV 0.644	ON P5Q3CH	880.905	0.642	0.642
P5Q3AV 0.704	ON P5Q3CI	859.923	0.704	0.704
P5Q3AV 0.607	ON P5Q3CN	806.498	0.603	0.603
P5Q3AV 0.515	ON P5Q3C0	826.326	0.506	0.506
P5Q3AV 0.528	ON P5Q3CQ	878.756	0.514	0.514
P5Q3AV 0.619	ON P5Q3CW	814.097	0.616	0.616
P5Q3AX 0.249	ON K6D2A_R	40.584	0.254	0.254
P5Q3AX 0.191	ON K6D2P_R	40.562	0.193	0.193
P5Q3AX 0.204	ON K6D2R_R	32.307	0.207	0.207
P5Q3AX 0.219	ON K6D2Z_R	40.050	0.223	0.223
P5Q3AX 0.204	ON K6D2AB_R	33.948	0.207	0.207
P5Q3AX 0.198	ON K6D2AJ_R	44.487	0.201	0.201
P5Q3AX 0.222	ON K6D61C	56.593	0.224	0.224
P5Q3AX 0.216	ON K6D61D	38.107	0.220	0.220
P5Q3AX 0.276	ON K6D61E	52.409	0.280	0.280
P5Q3AX 0.219	ON K6D61K	54.863	0.221	0.221
P5Q3AX 0.282	ON K6D61L	45.673	0.287	0.287
P5Q3AX 0.290	ON K6D61M	41.250	0.296	0.296
P5Q3AX 0.300	ON K6D40_R	55.822	0.305	0.305
P5Q3AX 0.281	ON K6D48_R	45.956	0.286	0.286
P5Q3AX 0.256	ON K6F63_R	41.998	0.261	0.261
P5Q3AX 0.323	ON K6F68_R	61.640	0.328	0.328

P5Q3AX 0.324	ON K6F74_R	60.065	0.329	0.329
P5Q3AX 0.669	ON P5Q3X	585.797	0.670	0.670
P5Q3AX 0.527	ON P5Q3AA	603.499	0.519	0.519
P5Q3AX 0.646	ON P5Q3AL	619.489	0.645	0.645
P5Q3AX 0.585	ON P5Q3AP	622.772	0.581	0.581
P5Q3AX 0.830	ON P5Q3BI	498.234	0.843	0.843
P5Q3AX 0.631	ON P5Q3BZ	664.017	0.625	0.625
P5Q3AX 0.616	ON P5Q3CJ	662.478	0.611	0.611
P5Q3AX 0.640	ON P5Q3C	591.372	0.640	0.640
P5Q3AX 0.564	ON P5Q30	641.594	0.556	0.556
P5Q3AX 0.641	ON P5Q3R	606.485	0.642	0.642
P5Q3AX 0.553	ON P5Q3S	645.927	0.544	0.544
P5Q3AX 0.536	ON P5Q3T	639.023	0.527	0.527
P5Q3AX 0.538	ON P5Q3U	608.614	0.531	0.531
P5Q3AX 0.541	ON P5Q3V	607.002	0.534	0.534
P5Q3AX 0.578	ON P5Q3AJ	654.091	0.571	0.571
P5Q3AX 0.559	ON P5Q3BC	681.291	0.548	0.548
P5Q3AX 0.605	ON P5Q3BN	641.064	0.601	0.601
P5Q3AX 0.577	ON P5Q3CF	635.337	0.572	0.572
P5Q3AX 0.600	ON P5Q3CG	654.529	0.596	0.596
P5Q3AX 0.663	ON P5Q3CH	677.606	0.662	0.662
P5Q3AX 0.726	ON P5Q3CI	665.854	0.729	0.729
P5Q3AX 0.619	ON P5Q3CN	630.748	0.616	0.616
P5Q3AX 0.541	ON P5Q3C0	629.781	0.533	0.533
P5Q3AX 0.539	ON P5Q3CQ	687.027	0.526	0.526

P5Q3AX 0.650	ON P5Q3CW	635.606	0.649	0.649
P5Q3BQ 0.170	ON K6D2A_R	51.659	0.171	0.171
P5Q3BQ 0.144	ON K6D2P_R	61.670	0.145	0.145
P5Q3BQ 0.163	ON K6D2R_R	54.840	0.164	0.164
P5Q3BQ 0.145	ON K6D2Z_R	46.319	0.145	0.145
P5Q3BQ 0.148	ON K6D2AB_R	49.816	0.149	0.149
P5Q3BQ 0.141	ON K6D2AJ_R	61.139	0.141	0.141
P5Q3BQ 0.158	ON K6D61C	76.159	0.157	0.157
P5Q3BQ 0.159	ON K6D61D	55.405	0.160	0.160
P5Q3BQ 0.201	ON K6D61E	75.530	0.202	0.202
P5Q3BQ 0.159	ON K6D61K	77.171	0.158	0.158
P5Q3BQ 0.212	ON K6D61L	69.047	0.213	0.213
P5Q3BQ 0.215	ON K6D61M	62.389	0.217	0.217
P5Q3BQ 0.222	ON K6D40_R	84.095	0.223	0.223
P5Q3BQ 0.203	ON K6D48_R	64.012	0.204	0.204
P5Q3BQ 0.187	ON K6F63_R	61.418	0.189	0.189
P5Q3BQ 0.236	ON K6F68_R	89.407	0.237	0.237
P5Q3BQ 0.240	ON K6F74_R	90.208	0.241	0.241
P5Q3BQ -0.071	ON K6D2B_R	15.736	-0.071	-0.071
P5Q3BQ -0.079	ON K6D2F_R	17.272	-0.080	-0.080
P5Q3BQ -0.104	ON K6D2I_R	20.438	-0.105	-0.105
P5Q3BQ -0.093	ON K6D2K_R	20.035	-0.094	-0.094
P5Q3BQ -0.081	ON K6D2L_R	16.523	-0.082	-0.082
P5Q3BQ -0.093	ON K6D2M_R	20.766	-0.094	-0.094
P5Q3BQ -0.078	ON K6D20_R	13.127	-0.079	-0.079

P5Q3BQ -0.062	ON K6D2S_R	16.350	-0.063	-0.063
P5Q3BQ -0.095	ON K6D2V_R	20.657	-0.096	-0.096
P5Q3BQ -0.078	ON K6D2W_R	17.022	-0.079	-0.079
P5Q3BQ -0.084	ON K6D2Y_R	16.833	-0.084	-0.084
P5Q3BQ -0.076	ON K6D2AA_R	17.095	-0.077	-0.077
P5Q3BQ -0.088	ON K6D2AE_R	13.726	-0.089	-0.089
P5Q3BQ -0.080	ON K6D2AF_R	13.705	-0.081	-0.081
P5Q3BQ -0.090	ON K6D2AH_R	13.527	-0.091	-0.091
P5Q3BQ 0.143	ON P5Q3DB	14.120	0.143	0.143
P5Q3BQ 0.526	ON P5Q3X	729.827	0.520	0.520
P5Q3BQ 0.412	ON P5Q3AA	763.021	0.401	0.401
P5Q3BQ 0.540	ON P5Q3AL	796.157	0.533	0.533
P5Q3BQ 0.465	ON P5Q3AP	791.448	0.456	0.456
P5Q3BQ 0.637	ON P5Q3BI	681.171	0.640	0.640
P5Q3BQ 0.519	ON P5Q3BZ	855.381	0.508	0.508
P5Q3BQ 0.505	ON P5Q3CJ	846.777	0.494	0.494
P5Q3BQ 0.498	ON P5Q3C	784.362	0.493	0.493
P5Q3BQ 0.451	ON P5Q30	808.073	0.439	0.439
P5Q3BQ 0.497	ON P5Q3R	792.650	0.492	0.492
P5Q3BQ 0.437	ON P5Q3S	800.998	0.425	0.425
P5Q3BQ 0.431	ON P5Q3T	810.766	0.418	0.418
P5Q3BQ 0.419	ON P5Q3U	778.886	0.409	0.409
P5Q3BQ 0.430	ON P5Q3V	757.573	0.420	0.420
P5Q3BQ 0.472	ON P5Q3AJ	823.375	0.461	0.461
P5Q3BQ 0.464	ON P5Q3BC	867.374	0.450	0.450

P5Q3BQ 0.489	ON P5Q3BN	836.330	0.480	0.480
P5Q3BQ 0.458	ON P5Q3CF	848.525	0.449	0.449
P5Q3BQ 0.469	ON P5Q3CG	844.131	0.460	0.460
P5Q3BQ 0.549	ON P5Q3CH	864.896	0.542	0.542
P5Q3BQ 0.605	ON P5Q3CI	861.746	0.600	0.600
P5Q3BQ 0.506	ON P5Q3CN	812.240	0.498	0.498
P5Q3BQ 0.428	ON P5Q3C0	830.476	0.417	0.417
P5Q3BQ 0.440	ON P5Q3CQ	867.354	0.425	0.425
P5Q3BQ 0.513	ON P5Q3CW	800.517	0.506	0.506
P5Q3CK 0.491	ON K6D2A_R	92.436	0.500	0.500
P5Q3CK 0.387	ON K6D2P_R	98.784	0.392	0.392
P5Q3CK 0.430	ON K6D2R_R	80.755	0.438	0.438
P5Q3CK 0.454	ON K6D2Z_R	99.712	0.462	0.462
P5Q3CK 0.405	ON K6D2AB_R	86.899	0.412	0.412
P5Q3CK 0.405	ON K6D2AJ_R	113.450	0.410	0.410
P5Q3CK 0.431	ON K6D61C	127.425	0.434	0.434
P5Q3CK 0.472	ON K6D61D	106.499	0.479	0.479
P5Q3CK 0.549	ON K6D61E	125.573	0.558	0.558
P5Q3CK 0.434	ON K6D61K	127.753	0.437	0.437
P5Q3CK 0.585	ON K6D61L	109.722	0.596	0.596
P5Q3CK 0.582	ON K6D61M	95.090	0.593	0.593
P5Q3CK 0.595	ON K6D40_R	132.462	0.605	0.605
P5Q3CK 0.581	ON K6D48_R	110.423	0.591	0.591
P5Q3CK 0.542	ON K6F63_R	111.008	0.552	0.552
P5Q3CK 0.646	ON K6F68_R	145.736	0.656	0.656

P5Q3CK 0.653	ON K6F74_R	142.618	0.663	0.663
P5Q3CK 0.961	ON P5Q3X	789.045	0.963	0.963
P5Q3CK 0.736	ON P5Q3AA	796.597	0.724	0.724
P5Q3CK 0.911	ON P5Q3AL	798.763	0.910	0.910
P5Q3CK 0.827	ON P5Q3AP	800.453	0.821	0.821
P5Q3CK 1.186	ON P5Q3BI	642.882	1.204	1.204
P5Q3CK 0.856	ON P5Q3BZ	857.546	0.848	0.848
P5Q3CK 0.808	ON P5Q3CJ	855.333	0.800	0.800
P5Q3CK 0.879	ON P5Q3C	757.480	0.879	0.879
P5Q3CK 0.780	ON P5Q30	843.342	0.769	0.769
P5Q3CK 0.902	ON P5Q3R	797.914	0.902	0.902
P5Q3CK 0.756	ON P5Q3S	843.824	0.744	0.744
P5Q3CK 0.743	ON P5Q3T	839.926	0.729	0.729
P5Q3CK 0.762	ON P5Q3U	804.246	0.752	0.752
P5Q3CK 0.768	ON P5Q3V	818.446	0.757	0.757
P5Q3CK 0.792	ON P5Q3AJ	841.416	0.781	0.781
P5Q3CK 0.752	ON P5Q3BC	862.353	0.738	0.738
P5Q3CK 0.816	ON P5Q3BN	825.151	0.810	0.810
P5Q3CK 0.790	ON P5Q3CF	818.086	0.783	0.783
P5Q3CK 0.813	ON P5Q3CG	827.517	0.807	0.807
P5Q3CK 0.900	ON P5Q3CH	811.795	0.899	0.899
P5Q3CK 0.982	ON P5Q3CI	801.491	0.986	0.986
P5Q3CK 0.850	ON P5Q3CN	793.923	0.846	0.846
P5Q3CK 0.721	ON P5Q3C0	811.688	0.710	0.710
P5Q3CK 0.716	ON P5Q3CQ	869.225	0.699	0.699

P5Q3CK 0.903	ON P5Q3CW	808.815	0.901	0.901
P5Q3DB 0.081	ON K6D2A_R	11.057	0.082	0.082
P5Q3DB 0.074	ON K6D2P_R	15.176	0.074	0.074
P5Q3DB 0.088	ON K6D2R_R	15.046	0.089	0.089
P5Q3DB 0.087	ON K6D2Z_R	15.656	0.088	0.088
P5Q3DB 0.076	ON K6D2AB_R	12.183	0.077	0.077
P5Q3DB 0.076	ON K6D2AJ_R	16.905	0.076	0.076
P5Q3DB 0.094	ON K6D61C	25.715	0.094	0.094
P5Q3DB 0.078	ON K6D61D	12.443	0.078	0.078
P5Q3DB 0.114	ON K6D61E	22.091	0.114	0.114
P5Q3DB 0.091	ON K6D61K	23.845	0.091	0.091
P5Q3DB 0.093	ON K6D61L	12.541	0.093	0.093
P5Q3DB 0.111	ON K6D61M	15.846	0.112	0.112
P5Q3DB 0.139	ON K6D40_R	30.166	0.139	0.139
P5Q3DB 0.121	ON K6D48_R	21.593	0.122	0.122
P5Q3DB 0.105	ON K6F63_R	18.078	0.106	0.106
P5Q3DB 0.139	ON K6F68_R	29.211	0.140	0.140
P5Q3DB 0.144	ON K6F74_R	29.764	0.145	0.145
P5Q3DB 0.143	ON P5Q3BQ	14.119	0.143	0.143
P5Q3DB -0.209	ON P5Q3E	15.011	-0.210	-0.210
P5Q3DB 0.462	ON P5Q3X	513.977	0.458	0.458
P5Q3DB 0.365	ON P5Q3AA	543.166	0.355	0.355
P5Q3DB 0.480	ON P5Q3AL	561.409	0.474	0.474
P5Q3DB 0.416	ON P5Q3AP	575.476	0.409	0.409
P5Q3DB 0.552	ON P5Q3BI	442.008	0.554	0.554

P5Q3DB 0.465	ON P5Q3BZ	619.412	0.455	0.455
P5Q3DB 0.448	ON P5Q3CJ	610.556	0.439	0.439
P5Q3DB 0.452	ON P5Q3C	602.529	0.447	0.447
P5Q3DB 0.409	ON P5Q30	591.123	0.398	0.398
P5Q3DB 0.448	ON P5Q3R	579.780	0.443	0.443
P5Q3DB 0.392	ON P5Q3S	582.426	0.382	0.382
P5Q3DB 0.387	ON P5Q3T	586.297	0.376	0.376
P5Q3DB 0.377	ON P5Q3U	566.813	0.368	0.368
P5Q3DB 0.379	ON P5Q3V	533.515	0.370	0.370
P5Q3DB 0.426	ON P5Q3AJ	598.890	0.416	0.416
P5Q3DB 0.418	ON P5Q3BC	634.958	0.406	0.406
P5Q3DB 0.435	ON P5Q3BN	593.609	0.427	0.427
P5Q3DB 0.409	ON P5Q3CF	604.059	0.401	0.401
P5Q3DB 0.423	ON P5Q3CG	608.907	0.415	0.415
P5Q3DB 0.493	ON P5Q3CH	631.476	0.487	0.487
P5Q3DB 0.536	ON P5Q3CI	602.994	0.531	0.531
P5Q3DB 0.453	ON P5Q3CN	593.008	0.446	0.446
P5Q3DB 0.383	ON P5Q3C0	586.210	0.373	0.373
P5Q3DB 0.398	ON P5Q3CQ	635.348	0.384	0.384
P5Q3DB 0.460	ON P5Q3CW	578.903	0.454	0.454
P5Q3E 0.076	ON K6D2X_R	11.084	0.077	0.077
P5Q3E 0.222	ON K6D2A_R	57.561	0.223	0.223
P5Q3E 0.170	ON K6D2P_R	54.763	0.170	0.170
P5Q3E 0.207	ON K6D2R_R	56.426	0.208	0.208
P5Q3E 0.203	ON K6D2Z_R	58.262	0.203	0.203

P5Q3E 0.195	ON K6D2AB_R	55.252	0.195	0.195
P5Q3E 0.169	ON K6D2AJ_R	57.225	0.168	0.168
P5Q3E 0.183	ON K6D61C	65.542	0.181	0.181
P5Q3E 0.210	ON K6D61D	61.943	0.209	0.209
P5Q3E 0.239	ON K6D61E	67.258	0.239	0.239
P5Q3E 0.182	ON K6D61K	64.171	0.181	0.181
P5Q3E 0.238	ON K6D61L	57.253	0.238	0.238
P5Q3E 0.216	ON K6D61M	39.719	0.217	0.217
P5Q3E 0.261	ON K6D40_R	73.754	0.261	0.261
P5Q3E 0.238	ON K6D48_R	58.392	0.238	0.238
P5Q3E 0.223	ON K6F63_R	58.107	0.223	0.223
P5Q3E 0.272	ON K6F68_R	76.067	0.271	0.271
P5Q3E 0.280	ON K6F74_R	75.415	0.280	0.280
P5Q3E -0.211	ON P5Q3DB	15.010	-0.210	-0.210
P5Q3E 0.477	ON P5Q3X	433.851	0.470	0.470
P5Q3E 0.345	ON P5Q3AA	366.119	0.334	0.334
P5Q3E 0.463	ON P5Q3AL	404.830	0.455	0.455
P5Q3E 0.403	ON P5Q3AP	397.840	0.393	0.393
P5Q3E 0.536	ON P5Q3BI	293.933	0.535	0.535
P5Q3E 0.455	ON P5Q3BZ	433.797	0.443	0.443
P5Q3E 0.441	ON P5Q3CJ	436.756	0.429	0.429
P5Q3E 0.412	ON P5Q3C	343.951	0.405	0.405
P5Q3E 0.397	ON P5Q30	432.987	0.385	0.385
P5Q3E 0.426	ON P5Q3R	377.336	0.419	0.419
P5Q3E 0.383	ON P5Q3S	439.998	0.370	0.370

P5Q3E 0.376	ON P5Q3T	426.758	0.363	0.363
P5Q3E 0.357	ON P5Q3U	369.854	0.346	0.346
P5Q3E 0.374	ON P5Q3V	383.173	0.363	0.363
P5Q3E 0.416	ON P5Q3AJ	430.846	0.404	0.404
P5Q3E 0.401	ON P5Q3BC	436.169	0.387	0.387
P5Q3E 0.427	ON P5Q3BN	432.250	0.417	0.417
P5Q3E 0.391	ON P5Q3CF	387.462	0.381	0.381
P5Q3E 0.411	ON P5Q3CG	425.141	0.401	0.401
P5Q3E 0.473	ON P5Q3CH	420.296	0.465	0.465
P5Q3E 0.521	ON P5Q3CI	431.022	0.514	0.514
P5Q3E 0.439	ON P5Q3CN	406.494	0.429	0.429
P5Q3E 0.368	ON P5Q3C0	392.477	0.356	0.356
P5Q3E 0.389	ON P5Q3CQ	446.984	0.373	0.373
P5Q3E 0.444	ON P5Q3CW	395.907	0.436	0.436
P5Q3A0 0.092	ON K6D2AG_R	20.148	0.093	0.093
P5Q3A0 0.107	ON K6D2AI_R	16.908	0.108	0.108
P5Q3A0 0.109	ON K6D2D_R	20.842	0.111	0.111
P5Q3A0 0.100	ON K6D2J_R	15.406	0.101	0.101
P5Q3A0 0.101	ON K6D2T_R	19.056	0.102	0.102
P5Q3A0 0.085	ON K6D2AC_R	20.264	0.086	0.086
P5Q3A0 0.127	ON K6D2AK_R	23.173	0.128	0.128
P5Q3A0 0.099	ON K6D2C_R	16.104	0.100	0.100
P5Q3A0 0.091	ON K6D2N_R	22.404	0.092	0.092
P5Q3A0 0.100	ON K6D2X_R	20.278	0.101	0.101
P5Q3A0 0.200	ON K6D2A_R	51.547	0.202	0.202

P5Q3A0 0.180	ON K6D2P_R	66.513	0.180	0.180
P5Q3A0 0.224	ON K6D2R_R	67.874	0.226	0.226
P5Q3A0 0.213	ON K6D2Z_R	65.926	0.214	0.214
P5Q3A0 0.199	ON K6D2AB_R	59.575	0.200	0.200
P5Q3A0 0.184	ON K6D2AJ_R	72.914	0.185	0.185
P5Q3A0 0.200	ON K6D61C	84.404	0.200	0.200
P5Q3A0 0.197	ON K6D61D	58.969	0.198	0.198
P5Q3A0 0.256	ON K6D61E	81.055	0.258	0.258
P5Q3A0 0.200	ON K6D61K	81.968	0.200	0.200
P5Q3A0 0.257	ON K6D61L	68.809	0.259	0.259
P5Q3A0 0.244	ON K6D61M	56.513	0.246	0.246
P5Q3A0 0.280	ON K6D40_R	88.924	0.282	0.282
P5Q3A0 0.255	ON K6D48_R	68.656	0.257	0.257
P5Q3A0 0.241	ON K6F63_R	70.016	0.243	0.243
P5Q3A0 0.297	ON K6F68_R	96.069	0.299	0.299
P5Q3A0 0.304	ON K6F74_R	96.062	0.305	0.305
P5Q3A0 -0.105	ON K6D2B_R	23.919	-0.106	-0.106
P5Q3A0 -0.121	ON K6D2F_R	27.579	-0.122	-0.122
P5Q3A0 -0.178	ON K6D2G_R	25.305	-0.180	-0.180
P5Q3A0 -0.122	ON K6D2I_R	19.036	-0.124	-0.124
P5Q3A0 -0.120	ON K6D2K_R	23.407	-0.122	-0.122
P5Q3A0 -0.126	ON K6D2L_R	27.582	-0.127	-0.127
P5Q3A0 -0.118	ON K6D2M_R	22.999	-0.120	-0.120
P5Q3A0 -0.139	ON K6D20_R	29.339	-0.141	-0.141
P5Q3A0 -0.097	ON K6D2S_R	27.074	-0.098	-0.098

P5Q3A0 -0.135	ON K6D2V_R	28.938	-0.137	-0.137
P5Q3A0 -0.117	ON K6D2W_R	26.003	-0.118	-0.118
P5Q3A0 -0.117	ON K6D2Y_R	22.884	-0.119	-0.119
P5Q3A0 -0.125	ON K6D2AA_R	31.093	-0.126	-0.126
P5Q3A0 -0.139	ON K6D2AE_R	23.979	-0.141	-0.141
P5Q3A0 -0.139	ON K6D2AF_R	28.959	-0.141	-0.141
P5Q3A0 -0.138	ON K6D2AH_R	21.976	-0.140	-0.140
P5Q3A0 0.270	ON P5Q3DA	31.020	0.268	0.268
P5Q3A0 0.526	ON P5Q3X	536.221	0.521	0.521
P5Q3A0 0.400	ON P5Q3AA	512.648	0.389	0.389
P5Q3A0 0.524	ON P5Q3AL	542.536	0.517	0.517
P5Q3A0 0.445	ON P5Q3AP	533.940	0.437	0.437
P5Q3A0 0.635	ON P5Q3BI	440.161	0.638	0.638
P5Q3A0 0.502	ON P5Q3BZ	588.096	0.492	0.492
P5Q3A0 0.487	ON P5Q3CJ	584.076	0.477	0.477
P5Q3A0 0.472	ON P5Q3C	478.471	0.467	0.467
P5Q3A0 0.444	ON P5Q30	575.406	0.433	0.433
P5Q3A0 0.483	ON P5Q3R	502.650	0.477	0.477
P5Q3A0 0.430	ON P5Q3S	567.091	0.418	0.418
P5Q3A0 0.420	ON P5Q3T	565.555	0.408	0.408
P5Q3A0 0.405	ON P5Q3U	505.091	0.395	0.395
P5Q3A0 0.419	ON P5Q3V	516.134	0.409	0.409
P5Q3A0 0.463	ON P5Q3AJ	579.869	0.452	0.452
P5Q3A0 0.445	ON P5Q3BC	593.133	0.432	0.432
P5Q3A0 0.471	ON P5Q3BN	549.043	0.463	0.463

P5Q3A0 0.443	ON P5Q3CF	548.604	0.434	0.434
P5Q3A0 0.465	ON P5Q3CG	584.097	0.456	0.456
P5Q3A0 0.526	ON P5Q3CH	562.287	0.520	0.520
P5Q3A0 0.580	ON P5Q3CI	580.260	0.576	0.576
P5Q3A0 0.492	ON P5Q3CN	551.246	0.484	0.484
P5Q3A0 0.416	ON P5Q3C0	539.396	0.406	0.406
P5Q3A0 0.429	ON P5Q3CQ	589.700	0.415	0.415
P5Q3A0 0.499	ON P5Q3CW	537.567	0.493	0.493
P5Q3BK 0.220	ON K6D2A_R	54.397	0.223	0.223
P5Q3BK 0.190	ON K6D2P_R	64.504	0.191	0.191
P5Q3BK 0.228	ON K6D2R_R	59.640	0.230	0.230
P5Q3BK 0.225	ON K6D2Z_R	64.443	0.227	0.227
P5Q3BK 0.213	ON K6D2AB_R	60.918	0.215	0.215
P5Q3BK 0.195	ON K6D2AJ_R	69.105	0.196	0.196
P5Q3BK 0.210	ON K6D61C	81.007	0.210	0.210
P5Q3BK 0.223	ON K6D61D	63.599	0.225	0.225
P5Q3BK 0.262	ON K6D61E	73.600	0.264	0.264
P5Q3BK 0.206	ON K6D61K	77.735	0.206	0.206
P5Q3BK 0.273	ON K6D61L	68.056	0.276	0.276
P5Q3BK 0.256	ON K6D61M	52.095	0.258	0.258
P5Q3BK 0.294	ON K6D40_R	84.057	0.296	0.296
P5Q3BK 0.273	ON K6D48_R	67.766	0.275	0.275
P5Q3BK 0.257	ON K6F63_R	66.673	0.259	0.259
P5Q3BK 0.313	ON K6F68_R	94.657	0.315	0.315
P5Q3BK 0.318	ON K6F74_R	91.221	0.320	0.320

P5Q3BK 0.202	ON P5Q3B0	16.098	0.202	0.202
P5Q3BK 0.636	ON P5Q3X	697.811	0.632	0.632
P5Q3BK 0.492	ON P5Q3AA	695.474	0.480	0.480
P5Q3BK 0.631	ON P5Q3AL	712.759	0.625	0.625
P5Q3BK 0.546	ON P5Q3AP	700.382	0.537	0.537
P5Q3BK 0.761	ON P5Q3BI	563.541	0.766	0.766
P5Q3BK 0.610	ON P5Q3BZ	773.557	0.598	0.598
P5Q3BK 0.588	ON P5Q3CJ	763.656	0.577	0.577
P5Q3BK 0.575	ON P5Q3C	617.031	0.570	0.570
P5Q3BK 0.537	ON P5Q30	739.633	0.524	0.524
P5Q3BK 0.592	ON P5Q3R	671.511	0.587	0.587
P5Q3BK 0.518	ON P5Q3S	740.893	0.505	0.505
P5Q3BK 0.508	ON P5Q3T	727.489	0.494	0.494
P5Q3BK 0.500	ON P5Q3U	675.714	0.489	0.489
P5Q3BK 0.514	ON P5Q3V	689.952	0.503	0.503
P5Q3BK 0.557	ON P5Q3AJ	738.772	0.545	0.545
P5Q3BK 0.539	ON P5Q3BC	770.667	0.524	0.524
P5Q3BK 0.567	ON P5Q3BN	721.872	0.557	0.557
P5Q3BK 0.537	ON P5Q3CF	727.789	0.527	0.527
P5Q3BK 0.556	ON P5Q3CG	745.883	0.546	0.546
P5Q3BK 0.632	ON P5Q3CH	747.174	0.625	0.625
P5Q3BK 0.689	ON P5Q3CI	744.167	0.685	0.685
P5Q3BK 0.591	ON P5Q3CN	705.488	0.583	0.583
P5Q3BK 0.511	ON P5Q3C0	712.702	0.498	0.498
P5Q3BK 0.516	ON P5Q3CQ	775.807	0.500	0.500

P5Q3BK 0.604	ON P5Q3CW	687.781	0.598	0.598
P5Q3B0 0.099	ON K6D2AG_R	25.232	0.099	0.099
P5Q3B0 0.116	ON K6D2AI_R	22.207	0.117	0.117
P5Q3B0 0.111	ON K6D2D_R	23.495	0.112	0.112
P5Q3B0 0.109	ON K6D2J_R	20.912	0.111	0.111
P5Q3B0 0.103	ON K6D2T_R	21.830	0.104	0.104
P5Q3B0 0.095	ON K6D2AC_R	27.109	0.096	0.096
P5Q3B0 0.136	ON K6D2AK_R	29.049	0.138	0.138
P5Q3B0 0.116	ON K6D2C_R	23.749	0.117	0.117
P5Q3B0 0.098	ON K6D2N_R	28.239	0.099	0.099
P5Q3B0 0.116	ON K6D2X_R	30.348	0.117	0.117
P5Q3B0 0.335	ON K6D2A_R	154.868	0.338	0.338
P5Q3B0 0.287	ON K6D2P_R	184.082	0.287	0.287
P5Q3B0 0.326	ON K6D2R_R	160.205	0.328	0.328
P5Q3B0 0.311	ON K6D2Z_R	159.483	0.312	0.312
P5Q3B0 0.300	ON K6D2AB_R	155.207	0.301	0.301
P5Q3B0 0.283	ON K6D2AJ_R	188.639	0.283	0.283
P5Q3B0 0.309	ON K6D61C	225.836	0.308	0.308
P5Q3B0 0.332	ON K6D61D	184.495	0.333	0.333
P5Q3B0 0.387	ON K6D61E	210.930	0.389	0.389
P5Q3B0 0.309	ON K6D61K	223.579	0.308	0.308
P5Q3B0 0.395	ON K6D61L	189.880	0.397	0.397
P5Q3B0 0.373	ON K6D61M	148.921	0.376	0.376
P5Q3B0 0.424	ON K6D40_R	231.924	0.426	0.426
P5Q3B0 0.400	ON K6D48_R	190.067	0.403	0.403

P5Q3B0 0.377	ON K6F63_R	189.342	0.379	0.379
P5Q3B0 0.449	ON K6F68_R	247.326	0.450	0.450
P5Q3B0 0.454	ON K6F74_R	243.988	0.455	0.455
P5Q3B0 -0.114	ON K6D2B_R	31.334	-0.115	-0.115
P5Q3B0 -0.126	ON K6D2F_R	33.004	-0.128	-0.128
P5Q3B0 -0.169	ON K6D2G_R	24.986	-0.171	-0.171
P5Q3B0 -0.146	ON K6D2I_R	29.937	-0.148	-0.148
P5Q3B0 -0.129	ON K6D2K_R	28.461	-0.130	-0.130
P5Q3B0 -0.135	ON K6D2L_R	34.523	-0.136	-0.136
P5Q3B0 -0.128	ON K6D2M_R	29.076	-0.130	-0.130
P5Q3B0 -0.127	ON K6D2O_R	26.045	-0.128	-0.128
P5Q3B0 -0.103	ON K6D2S_R	33.735	-0.103	-0.103
P5Q3B0 -0.132	ON K6D2V_R	29.192	-0.133	-0.133
P5Q3B0 -0.118	ON K6D2W_R	29.219	-0.119	-0.119
P5Q3B0 -0.125	ON K6D2Y_R	28.680	-0.126	-0.126
P5Q3B0 -0.121	ON K6D2AA_R	32.456	-0.123	-0.123
P5Q3B0 -0.140	ON K6D2AE_R	26.990	-0.141	-0.141
P5Q3B0 -0.138	ON K6D2AF_R	30.492	-0.139	-0.139
P5Q3B0 -0.137	ON K6D2AH_R	23.635	-0.138	-0.138
P5Q3B0 0.203	ON P5Q3BK	16.099	0.202	0.202
P5Q3B0 0.652	ON P5Q3X	951.918	0.645	0.645
P5Q3B0 0.503	ON P5Q3AA	949.301	0.489	0.489
P5Q3B0 0.655	ON P5Q3AL	978.324	0.646	0.646
P5Q3B0 0.559	ON P5Q3AP	986.399	0.548	0.548
P5Q3B0 0.777	ON P5Q3BI	784.747	0.779	0.779

P5Q3B0 0.619	ON P5Q3BZ	1071.417	0.606	0.606
P5Q3B0 0.605	ON P5Q3CJ	1039.466	0.592	0.592
P5Q3B0 0.594	ON P5Q3C	870.694	0.587	0.587
P5Q3B0 0.546	ON P5Q30	1019.445	0.531	0.531
P5Q3B0 0.600	ON P5Q3R	908.637	0.593	0.593
P5Q3B0 0.528	ON P5Q3S	999.048	0.513	0.513
P5Q3B0 0.516	ON P5Q3T	989.066	0.501	0.501
P5Q3B0 0.518	ON P5Q3U	949.223	0.505	0.505
P5Q3B0 0.527	ON P5Q3V	953.374	0.514	0.514
P5Q3B0 0.569	ON P5Q3AJ	1001.067	0.555	0.555
P5Q3B0 0.551	ON P5Q3BC	1058.369	0.534	0.534
P5Q3B0 0.583	ON P5Q3BN	985.510	0.572	0.572
P5Q3B0 0.547	ON P5Q3CF	984.523	0.535	0.535
P5Q3B0 0.561	ON P5Q3CG	1029.058	0.550	0.550
P5Q3B0 0.653	ON P5Q3CH	999.482	0.645	0.645
P5Q3B0 0.711	ON P5Q3CI	1016.496	0.704	0.704
P5Q3B0 0.603	ON P5Q3CN	970.225	0.593	0.593
P5Q3B0 0.514	ON P5Q3C0	964.862	0.500	0.500
P5Q3B0 0.526	ON P5Q3CQ	1056.503	0.507	0.507
P5Q3B0 0.612	ON P5Q3CW	940.377	0.604	0.604
P5Q3CU 0.242	ON K6D2A_R	50.094	0.245	0.245
P5Q3CU 0.214	ON K6D2P_R	63.320	0.215	0.215
P5Q3CU 0.237	ON K6D2R_R	52.747	0.239	0.239
P5Q3CU 0.237	ON K6D2Z_R	58.481	0.239	0.239
P5Q3CU 0.225	ON K6D2AB_R	52.619	0.227	0.227

P5Q3CU 0.208	ON K6D2AJ_R	61.236	0.209	0.209
P5Q3CU 0.231	ON K6D61C	76.219	0.231	0.231
P5Q3CU 0.247	ON K6D61D	59.335	0.249	0.249
P5Q3CU 0.288	ON K6D61E	68.577	0.290	0.290
P5Q3CU 0.226	ON K6D61K	72.250	0.226	0.226
P5Q3CU 0.275	ON K6D61L	54.548	0.277	0.277
P5Q3CU 0.276	ON K6D61M	47.187	0.279	0.279
P5Q3CU 0.309	ON K6D40_R	74.263	0.311	0.311
P5Q3CU 0.291	ON K6D48_R	61.369	0.294	0.294
P5Q3CU 0.268	ON K6F63_R	57.938	0.271	0.271
P5Q3CU 0.330	ON K6F68_R	80.302	0.332	0.332
P5Q3CU 0.335	ON K6F74_R	80.450	0.337	0.337
P5Q3CU 0.221	ON P5Q3AZ	15.453	0.220	0.220
P5Q3CU 0.566	ON P5Q3X	460.460	0.562	0.562
P5Q3CU 0.439	ON P5Q3AA	457.011	0.429	0.429
P5Q3CU 0.562	ON P5Q3AL	468.217	0.557	0.557
P5Q3CU 0.498	ON P5Q3AP	484.980	0.491	0.491
P5Q3CU 0.687	ON P5Q3BI	375.634	0.692	0.692
P5Q3CU 0.550	ON P5Q3BZ	523.905	0.541	0.541
P5Q3CU 0.527	ON P5Q3CJ	510.433	0.518	0.518
P5Q3CU 0.535	ON P5Q3C	448.702	0.531	0.531
P5Q3CU 0.477	ON P5Q30	501.925	0.466	0.466
P5Q3CU 0.543	ON P5Q3R	470.242	0.539	0.539
P5Q3CU 0.466	ON P5Q3S	488.891	0.455	0.455
P5Q3CU 0.460	ON P5Q3T	497.705	0.448	0.448

P5Q3CU 0.457	ON P5Q3U	474.600	0.448	0.448
P5Q3CU 0.458	ON P5Q3V	457.516	0.449	0.449
P5Q3CU 0.495	ON P5Q3AJ	494.555	0.485	0.485
P5Q3CU 0.487	ON P5Q3BC	528.020	0.474	0.474
P5Q3CU 0.507	ON P5Q3BN	490.372	0.499	0.499
P5Q3CU 0.486	ON P5Q3CF	494.028	0.478	0.478
P5Q3CU 0.503	ON P5Q3CG	505.144	0.495	0.495
P5Q3CU 0.572	ON P5Q3CH	524.087	0.567	0.567
P5Q3CU 0.621	ON P5Q3CI	531.329	0.618	0.618
P5Q3CU 0.530	ON P5Q3CN	481.481	0.524	0.524
P5Q3CU 0.454	ON P5Q3C0	484.735	0.443	0.443
P5Q3CU 0.465	ON P5Q3CQ	533.459	0.450	0.450
P5Q3CU 0.543	ON P5Q3CW	497.991	0.537	0.537
P5Q3DA 0.125	ON K6D2AG_R	26.853	0.127	0.127
P5Q3DA 0.144	ON K6D2AI_R	22.618	0.146	0.146
P5Q3DA 0.146	ON K6D2D_R	27.123	0.148	0.148
P5Q3DA 0.138	ON K6D2J_R	21.038	0.141	0.141
P5Q3DA 0.139	ON K6D2T_R	25.990	0.142	0.142
P5Q3DA 0.119	ON K6D2AC_R	28.750	0.121	0.121
P5Q3DA 0.149	ON K6D2AK_R	22.345	0.152	0.152
P5Q3DA 0.140	ON K6D2C_R	22.953	0.143	0.143
P5Q3DA 0.123	ON K6D2N_R	28.955	0.125	0.125
P5Q3DA 0.137	ON K6D2X_R	28.362	0.139	0.139
P5Q3DA 0.351	ON K6D2A_R	117.495	0.356	0.356
P5Q3DA 0.289	ON K6D2P_R	128.745	0.292	0.292

P5Q3DA 0.340	ON K6D2R_R	120.077	0.344	0.344
P5Q3DA 0.348	ON K6D2Z_R	130.086	0.352	0.352
P5Q3DA 0.322	ON K6D2AB_R	117.657	0.326	0.326
P5Q3DA 0.301	ON K6D2AJ_R	144.495	0.303	0.303
P5Q3DA 0.330	ON K6D61C	172.238	0.331	0.331
P5Q3DA 0.338	ON K6D61D	129.712	0.342	0.342
P5Q3DA 0.406	ON K6D61E	154.591	0.410	0.410
P5Q3DA 0.327	ON K6D61K	168.413	0.328	0.328
P5Q3DA 0.420	ON K6D61L	138.433	0.426	0.426
P5Q3DA 0.423	ON K6D61M	119.128	0.429	0.429
P5Q3DA 0.446	ON K6D40_R	170.412	0.451	0.451
P5Q3DA 0.427	ON K6D48_R	143.384	0.432	0.432
P5Q3DA 0.396	ON K6F63_R	139.868	0.401	0.401
P5Q3DA 0.477	ON K6F68_R	184.723	0.482	0.482
P5Q3DA 0.480	ON K6F74_R	184.895	0.486	0.486
P5Q3DA -0.129	ON K6D2B_R	26.400	-0.131	-0.131
P5Q3DA -0.138	ON K6D2F_R	26.041	-0.140	-0.140
P5Q3DA -0.185	ON K6D2G_R	19.647	-0.189	-0.189
P5Q3DA -0.148	ON K6D2I_R	19.991	-0.150	-0.150
P5Q3DA -0.142	ON K6D2K_R	22.740	-0.144	-0.144
P5Q3DA -0.141	ON K6D2L_R	24.375	-0.144	-0.144
P5Q3DA -0.136	ON K6D2M_R	21.730	-0.139	-0.139
P5Q3DA -0.148	ON K6D20_R	23.385	-0.151	-0.151
P5Q3DA -0.111	ON K6D2S_R	25.500	-0.112	-0.112
P5Q3DA -0.147	ON K6D2V_R	24.128	-0.149	-0.149

P5Q3DA -0.124	ON K6D2W_R	20.704	-0.127	-0.127
P5Q3DA -0.140	ON K6D2Y_R	23.172	-0.142	-0.142
P5Q3DA -0.128	ON K6D2AA_R	23.579	-0.130	-0.130
P5Q3DA -0.133	ON K6D2AE_R	16.105	-0.136	-0.136
P5Q3DA -0.152	ON K6D2AF_R	24.180	-0.155	-0.155
P5Q3DA -0.157	ON K6D2AH_R	19.809	-0.160	-0.160
P5Q3DA 0.267	ON P5Q3A0	31.011	0.268	0.268
P5Q3DA 0.673	ON P5Q3X	730.806	0.671	0.671
P5Q3DA 0.513	ON P5Q3AA	725.418	0.503	0.503
P5Q3DA 0.661	ON P5Q3AL	745.604	0.657	0.657
P5Q3DA 0.570	ON P5Q3AP	735.938	0.563	0.563
P5Q3DA 0.821	ON P5Q3BI	587.133	0.829	0.829
P5Q3DA 0.633	ON P5Q3BZ	820.577	0.625	0.625
P5Q3DA 0.615	ON P5Q3CJ	812.779	0.606	0.606
P5Q3DA 0.618	ON P5Q3C	678.356	0.616	0.616
P5Q3DA 0.562	ON P5Q30	796.601	0.551	0.551
P5Q3DA 0.629	ON P5Q3R	724.745	0.627	0.627
P5Q3DA 0.545	ON P5Q3S	786.633	0.533	0.533
P5Q3DA 0.534	ON P5Q3T	777.073	0.522	0.522
P5Q3DA 0.520	ON P5Q3U	720.072	0.511	0.511
P5Q3DA 0.545	ON P5Q3V	740.959	0.536	0.536
P5Q3DA 0.584	ON P5Q3AJ	790.818	0.574	0.574
P5Q3DA 0.556	ON P5Q3BC	830.254	0.544	0.544
P5Q3DA 0.589	ON P5Q3BN	760.984	0.582	0.582
P5Q3DA 0.565	ON P5Q3CF	769.666	0.558	0.558

P5Q3DA 0.581	ON P5Q3CG	803.858	0.574	0.574
P5Q3DA 0.665	ON P5Q3CH	792.159	0.661	0.661
P5Q3DA 0.722	ON P5Q3CI	791.532	0.721	0.721
P5Q3DA 0.619	ON P5Q3CN	772.260	0.613	0.613
P5Q3DA 0.528	ON P5Q3C0	761.129	0.517	0.517
P5Q3DA 0.536	ON P5Q3CQ	821.324	0.521	0.521
P5Q3DA 0.628	ON P5Q3CW	739.511	0.624	0.624
P5Q3AS 0.069	ON K6D2AG_R	13.006	0.069	0.069
P5Q3AS 0.079	ON K6D2D_R	12.818	0.080	0.080
P5Q3AS 0.080	ON K6D2T_R	14.002	0.081	0.081
P5Q3AS 0.069	ON K6D2AC_R	15.153	0.069	0.069
P5Q3AS 0.090	ON K6D2AK_R	13.302	0.091	0.091
P5Q3AS 0.063	ON K6D2N_R	12.437	0.064	0.064
P5Q3AS 0.075	ON K6D2X_R	13.084	0.076	0.076
P5Q3AS 0.209	ON K6D2A_R	60.798	0.211	0.211
P5Q3AS 0.175	ON K6D2P_R	72.893	0.176	0.176
P5Q3AS 0.206	ON K6D2R_R	66.252	0.207	0.207
P5Q3AS 0.201	ON K6D2Z_R	71.271	0.202	0.202
P5Q3AS 0.197	ON K6D2AB_R	68.590	0.198	0.198
P5Q3AS 0.181	ON K6D2AJ_R	81.274	0.181	0.181
P5Q3AS 0.196	ON K6D61C	96.064	0.195	0.195
P5Q3AS 0.205	ON K6D61D	74.281	0.206	0.206
P5Q3AS 0.249	ON K6D61E	91.699	0.250	0.250
P5Q3AS 0.194	ON K6D61K	93.834	0.193	0.193
P5Q3AS 0.254	ON K6D61L	79.644	0.255	0.255

P5Q3AS 0.248	ON K6D61M	65.811	0.250	0.250
P5Q3AS 0.283	ON K6D40_R	107.762	0.284	0.284
P5Q3AS 0.257	ON K6D48_R	84.092	0.259	0.259
P5Q3AS 0.239	ON K6F63_R	79.684	0.240	0.240
P5Q3AS 0.295	ON K6F68_R	112.482	0.295	0.295
P5Q3AS 0.300	ON K6F74_R	110.021	0.301	0.301
P5Q3AS -0.094	ON K6D2B_R	22.398	-0.095	-0.095
P5Q3AS -0.099	ON K6D2F_R	21.062	-0.100	-0.100
P5Q3AS -0.113	ON K6D2G_R	11.937	-0.114	-0.114
P5Q3AS -0.101	ON K6D2I_R	14.514	-0.102	-0.102
P5Q3AS -0.107	ON K6D2K_R	20.701	-0.108	-0.108
P5Q3AS -0.096	ON K6D2L_R	18.105	-0.097	-0.097
P5Q3AS -0.099	ON K6D2M_R	17.810	-0.100	-0.100
P5Q3AS -0.106	ON K6D2O_R	19.331	-0.107	-0.107
P5Q3AS -0.079	ON K6D2S_R	21.246	-0.080	-0.080
P5Q3AS -0.108	ON K6D2V_R	20.999	-0.109	-0.109
P5Q3AS -0.104	ON K6D2W_R	23.928	-0.105	-0.105
P5Q3AS -0.100	ON K6D2Y_R	19.165	-0.101	-0.101
P5Q3AS -0.093	ON K6D2AA_R	19.980	-0.094	-0.094
P5Q3AS -0.105	ON K6D2AE_R	15.370	-0.106	-0.106
P5Q3AS -0.094	ON K6D2AF_R	14.922	-0.095	-0.095
P5Q3AS -0.103	ON K6D2AH_R	13.741	-0.104	-0.104
P5Q3AS 0.528	ON P5Q3X	625.650	0.522	0.522
P5Q3AS 0.416	ON P5Q3AA	669.562	0.404	0.404
P5Q3AS 0.533	ON P5Q3AL	679.078	0.526	0.526

P5Q3AS 0.461	ON P5Q3AP	679.036	0.452	0.452
P5Q3AS 0.639	ON P5Q3BI	531.677	0.641	0.641
P5Q3AS 0.502	ON P5Q3BZ	725.259	0.491	0.491
P5Q3AS 0.492	ON P5Q3CJ	718.374	0.481	0.481
P5Q3AS 0.498	ON P5Q3C	647.284	0.492	0.492
P5Q3AS 0.445	ON P5Q3O	689.607	0.433	0.433
P5Q3AS 0.505	ON P5Q3R	666.142	0.498	0.498
P5Q3AS 0.437	ON P5Q3S	699.956	0.425	0.425
P5Q3AS 0.424	ON P5Q3T	691.074	0.411	0.411
P5Q3AS 0.423	ON P5Q3U	661.123	0.412	0.412
P5Q3AS 0.427	ON P5Q3V	651.283	0.416	0.416
P5Q3AS 0.465	ON P5Q3AJ	712.513	0.453	0.453
P5Q3AS 0.450	ON P5Q3BC	730.474	0.436	0.436
P5Q3AS 0.480	ON P5Q3BN	685.575	0.470	0.470
P5Q3AS 0.454	ON P5Q3CF	696.435	0.444	0.444
P5Q3AS 0.475	ON P5Q3CG	705.165	0.465	0.465
P5Q3AS 0.546	ON P5Q3CH	716.930	0.539	0.539
P5Q3AS 0.591	ON P5Q3CI	699.295	0.586	0.586
P5Q3AS 0.498	ON P5Q3CN	678.321	0.490	0.490
P5Q3AS 0.426	ON P5Q3CO	679.174	0.415	0.415
P5Q3AS 0.434	ON P5Q3CQ	734.172	0.419	0.419
P5Q3AS 0.511	ON P5Q3CW	676.623	0.503	0.503
P5Q3AU 0.154	ON K6D2A_R	19.425	0.155	0.155
P5Q3AU 0.139	ON K6D2P_R	26.956	0.140	0.140
P5Q3AU 0.127	ON K6D2R_R	15.328	0.128	0.128

P5Q3AU 0.162	ON K6D2Z_R	25.130	0.162	0.162
P5Q3AU 0.149	ON K6D2AB_R	22.991	0.150	0.150
P5Q3AU 0.134	ON K6D2AJ_R	24.828	0.134	0.134
P5Q3AU 0.147	ON K6D61C	30.494	0.147	0.147
P5Q3AU 0.144	ON K6D61D	19.355	0.144	0.144
P5Q3AU 0.177	ON K6D61E	25.134	0.178	0.178
P5Q3AU 0.147	ON K6D61K	30.195	0.146	0.146
P5Q3AU 0.189	ON K6D61L	24.287	0.190	0.190
P5Q3AU 0.191	ON K6D61M	22.890	0.193	0.193
P5Q3AU 0.207	ON K6D40_R	32.441	0.208	0.208
P5Q3AU 0.178	ON K6D48_R	22.044	0.179	0.179
P5Q3AU 0.177	ON K6F63_R	24.404	0.178	0.178
P5Q3AU 0.219	ON K6F68_R	34.282	0.219	0.219
P5Q3AU 0.218	ON K6F74_R	33.312	0.219	0.219
P5Q3AU 0.451	ON P5Q3X	268.505	0.446	0.446
P5Q3AU 0.345	ON P5Q3AA	261.824	0.335	0.335
P5Q3AU 0.452	ON P5Q3AL	285.606	0.446	0.446
P5Q3AU 0.388	ON P5Q3AP	273.951	0.380	0.380
P5Q3AU 0.533	ON P5Q3BI	206.592	0.535	0.535
P5Q3AU 0.433	ON P5Q3BZ	301.852	0.423	0.423
P5Q3AU 0.419	ON P5Q3CJ	300.594	0.410	0.410
P5Q3AU 0.411	ON P5Q3C	258.546	0.406	0.406
P5Q3AU 0.385	ON P5Q30	292.495	0.375	0.375
P5Q3AU 0.426	ON P5Q3R	268.060	0.420	0.420
P5Q3AU 0.369	ON P5Q3S	280.572	0.358	0.358

P5Q3AU 0.358	ON P5Q3T	277.949	0.348	0.348
P5Q3AU 0.354	ON P5Q3U	267.792	0.344	0.344
P5Q3AU 0.358	ON P5Q3V	257.987	0.349	0.349
P5Q3AU 0.392	ON P5Q3AJ	289.548	0.383	0.383
P5Q3AU 0.384	ON P5Q3BC	309.451	0.372	0.372
P5Q3AU 0.402	ON P5Q3BN	278.182	0.395	0.395
P5Q3AU 0.378	ON P5Q3CF	280.476	0.370	0.370
P5Q3AU 0.403	ON P5Q3CG	286.517	0.395	0.395
P5Q3AU 0.454	ON P5Q3CH	293.829	0.448	0.448
P5Q3AU 0.500	ON P5Q3CI	299.328	0.495	0.495
P5Q3AU 0.420	ON P5Q3CN	280.438	0.412	0.412
P5Q3AU 0.361	ON P5Q3C0	282.250	0.352	0.352
P5Q3AU 0.370	ON P5Q3CQ	303.985	0.357	0.357
P5Q3AU 0.438	ON P5Q3CW	283.531	0.431	0.431
P5Q3AZ 0.296	ON K6D2A_R	71.667	0.301	0.301
P5Q3AZ 0.248	ON K6D2P_R	77.369	0.251	0.251
P5Q3AZ 0.277	ON K6D2R_R	68.239	0.282	0.282
P5Q3AZ 0.292	ON K6D2Z_R	79.046	0.297	0.297
P5Q3AZ 0.278	ON K6D2AB_R	76.139	0.282	0.282
P5Q3AZ 0.242	ON K6D2AJ_R	79.183	0.244	0.244
P5Q3AZ 0.272	ON K6D61C	95.806	0.273	0.273
P5Q3AZ 0.282	ON K6D61D	74.439	0.286	0.286
P5Q3AZ 0.340	ON K6D61E	91.664	0.345	0.345
P5Q3AZ 0.267	ON K6D61K	92.718	0.269	0.269
P5Q3AZ 0.345	ON K6D61L	81.927	0.351	0.351

P5Q3AZ 0.348	ON K6D61M	69.638	0.354	0.354
P5Q3AZ 0.374	ON K6D40_R	100.407	0.379	0.379
P5Q3AZ 0.354	ON K6D48_R	86.253	0.360	0.360
P5Q3AZ 0.332	ON K6F63_R	84.991	0.337	0.337
P5Q3AZ 0.401	ON K6F68_R	109.664	0.406	0.406
P5Q3AZ 0.405	ON K6F74_R	106.341	0.411	0.411
P5Q3AZ 0.218	ON P5Q3CU	15.451	0.220	0.220
P5Q3AZ 0.675	ON P5Q3X	645.379	0.675	0.675
P5Q3AZ 0.527	ON P5Q3AA	639.273	0.518	0.518
P5Q3AZ 0.659	ON P5Q3AL	650.988	0.657	0.657
P5Q3AZ 0.590	ON P5Q3AP	652.073	0.584	0.584
P5Q3AZ 0.818	ON P5Q3BI	516.206	0.830	0.830
P5Q3AZ 0.643	ON P5Q3BZ	704.062	0.636	0.636
P5Q3AZ 0.619	ON P5Q3CJ	697.281	0.612	0.612
P5Q3AZ 0.643	ON P5Q3C	609.269	0.642	0.642
P5Q3AZ 0.564	ON P5Q30	679.180	0.554	0.554
P5Q3AZ 0.650	ON P5Q3R	642.527	0.649	0.649
P5Q3AZ 0.548	ON P5Q3S	683.070	0.538	0.538
P5Q3AZ 0.539	ON P5Q3T	683.478	0.528	0.528
P5Q3AZ 0.528	ON P5Q3U	624.988	0.520	0.520
P5Q3AZ 0.545	ON P5Q3V	644.547	0.537	0.537
P5Q3AZ 0.592	ON P5Q3AJ	689.667	0.584	0.584
P5Q3AZ 0.565	ON P5Q3BC	714.212	0.553	0.553
P5Q3AZ 0.605	ON P5Q3BN	679.341	0.600	0.600
P5Q3AZ 0.577	ON P5Q3CF	658.863	0.571	0.571

P5Q3AZ 0.593	ON P5Q3CG	686.894	0.587	0.587
P5Q3AZ 0.667	ON P5Q3CH	689.256	0.666	0.666
P5Q3AZ 0.728	ON P5Q3CI	683.080	0.729	0.729
P5Q3AZ 0.631	ON P5Q3CN	654.322	0.627	0.627
P5Q3AZ 0.543	ON P5Q3C0	652.072	0.534	0.534
P5Q3AZ 0.543	ON P5Q3CQ	713.896	0.529	0.529
P5Q3AZ 0.647	ON P5Q3CW	677.929	0.644	0.644
P5Q3BB1 0.143	ON K6D2A_R	18.709	0.145	0.145
P5Q3BB1 0.141	ON K6D2P_R	29.757	0.142	0.142
P5Q3BB1 0.152	ON K6D2R_R	24.689	0.154	0.154
P5Q3BB1 0.169	ON K6D2Z_R	31.194	0.171	0.171
P5Q3BB1 0.156	ON K6D2AB_R	26.756	0.157	0.157
P5Q3BB1 0.136	ON K6D2AJ_R	28.561	0.138	0.138
P5Q3BB1 0.159	ON K6D61C	39.042	0.159	0.159
P5Q3BB1 0.164	ON K6D61D	29.074	0.166	0.166
P5Q3BB1 0.196	ON K6D61E	34.920	0.198	0.198
P5Q3BB1 0.153	ON K6D61K	36.552	0.153	0.153
P5Q3BB1 0.194	ON K6D61L	28.638	0.196	0.196
P5Q3BB1 0.196	ON K6D61M	25.650	0.199	0.199
P5Q3BB1 0.216	ON K6D40_R	39.345	0.218	0.218
P5Q3BB1 0.191	ON K6D48_R	28.505	0.194	0.194
P5Q3BB1 0.179	ON K6F63_R	27.978	0.181	0.181
P5Q3BB1 0.234	ON K6F68_R	43.678	0.236	0.236
P5Q3BB1 0.236	ON K6F74_R	43.712	0.239	0.239
P5Q3BB1 0.323	ON P5Q3BB2	57.484	0.325	0.325

P5Q3BB1 0.255	ON P5Q3BB6	32.621	0.255	0.255
P5Q3BB1 0.488	ON P5Q3X	347.651	0.486	0.486
P5Q3BB1 0.381	ON P5Q3AA	358.412	0.373	0.373
P5Q3BB1 0.487	ON P5Q3AL	373.591	0.484	0.484
P5Q3BB1 0.429	ON P5Q3AP	366.734	0.423	0.423
P5Q3BB1 0.591	ON P5Q3BI	283.922	0.597	0.597
P5Q3BB1 0.471	ON P5Q3BZ	393.662	0.464	0.464
P5Q3BB1 0.460	ON P5Q3CJ	403.141	0.454	0.454
P5Q3BB1 0.462	ON P5Q3C	355.394	0.459	0.459
P5Q3BB1 0.416	ON P5Q3O	380.694	0.408	0.408
P5Q3BB1 0.461	ON P5Q3R	356.449	0.459	0.459
P5Q3BB1 0.405	ON P5Q3S	379.815	0.397	0.397
P5Q3BB1 0.397	ON P5Q3T	385.845	0.388	0.388
P5Q3BB1 0.394	ON P5Q3U	368.113	0.387	0.387
P5Q3BB1 0.397	ON P5Q3V	355.313	0.390	0.390
P5Q3BB1 0.423	ON P5Q3AJ	376.533	0.415	0.415
P5Q3BB1 0.412	ON P5Q3BC	394.723	0.402	0.402
P5Q3BB1 0.444	ON P5Q3BN	382.000	0.439	0.439
P5Q3BB1 0.422	ON P5Q3CF	384.267	0.416	0.416
P5Q3BB1 0.435	ON P5Q3CG	384.970	0.430	0.430
P5Q3BB1 0.501	ON P5Q3CH	405.637	0.498	0.498
P5Q3BB1 0.546	ON P5Q3CI	391.267	0.545	0.545
P5Q3BB1 0.463	ON P5Q3CN	374.995	0.459	0.459
P5Q3BB1 0.395	ON P5Q3C0	377.093	0.387	0.387
P5Q3BB1 0.396	ON P5Q3CQ	397.458	0.385	0.385

P5Q3BB1	ON P5Q3CW	372.139	0.472	0.472
0.476				
P5Q3BB2	ON K6D2A_R	17.571	0.115	0.115
0.115				
P5Q3BB2	ON K6D2P_R	21.333	0.098	0.098
0.098				
P5Q3BB2	ON K6D2R_R	18.842	0.113	0.113
0.112				
P5Q3BB2	ON K6D2Z_R	22.151	0.116	0.116
0.115				
P5Q3BB2	ON K6D2AB_R	22.974	0.120	0.120
0.119				
P5Q3BB2	ON K6D2AJ_R	23.807	0.102	0.102
0.102				
P5Q3BB2	ON K6D61C	24.753	0.104	0.104
0.104				
P5Q3BB2	ON K6D61D	20.338	0.114	0.114
0.113				
P5Q3BB2	ON K6D61E	25.708	0.139	0.139
0.138				
P5Q3BB2	ON K6D61K	23.543	0.101	0.101
0.102				
P5Q3BB2	ON K6D61L	21.834	0.139	0.139
0.138				
P5Q3BB2	ON K6D61M	17.388	0.134	0.134
0.133				
P5Q3BB2	ON K6D40_R	28.441	0.151	0.151
0.151				
P5Q3BB2	ON K6D48_R	20.538	0.133	0.133
0.132				
P5Q3BB2	ON K6F63_R	22.378	0.131	0.131
0.131				
P5Q3BB2	ON K6F68_R	29.990	0.159	0.159
0.158				
P5Q3BB2	ON K6F74_R	30.715	0.163	0.163
0.162				
P5Q3BB2	ON P5Q3AH	10.194	-0.225	-0.225
-0.227				
P5Q3BB2	ON P5Q3BB1	57.479	0.325	0.325
0.327				
P5Q3BB2	ON P5Q3BB6	46.864	0.287	0.287
0.289				
P5Q3BB2	ON P5Q3BB7	10.603	0.193	0.193
0.194				
P5Q3BB2	ON P5Q3X	260.309	0.365	0.365
0.369				
P5Q3BB2	ON P5Q3AA	275.595	0.286	0.286
0.294				
P5Q3BB2	ON P5Q3AL	302.462	0.386	0.386
0.391				

P5Q3BB2 0.327	ON P5Q3AP	279.645	0.321	0.321
P5Q3BB2 0.450	ON P5Q3BI	229.717	0.452	0.452
P5Q3BB2 0.370	ON P5Q3BZ	312.126	0.362	0.362
P5Q3BB2 0.358	ON P5Q3CJ	306.283	0.350	0.350
P5Q3BB2 0.351	ON P5Q3C	267.709	0.348	0.348
P5Q3BB2 0.326	ON P5Q3O	297.724	0.317	0.317
P5Q3BB2 0.354	ON P5Q3R	263.845	0.350	0.350
P5Q3BB2 0.312	ON P5Q3S	289.862	0.303	0.303
P5Q3BB2 0.305	ON P5Q3T	290.669	0.296	0.296
P5Q3BB2 0.297	ON P5Q3U	270.752	0.289	0.289
P5Q3BB2 0.309	ON P5Q3V	275.117	0.302	0.302
P5Q3BB2 0.336	ON P5Q3AJ	298.655	0.328	0.328
P5Q3BB2 0.327	ON P5Q3BC	313.220	0.317	0.317
P5Q3BB2 0.346	ON P5Q3BN	295.211	0.339	0.339
P5Q3BB2 0.331	ON P5Q3CF	300.838	0.324	0.324
P5Q3BB2 0.346	ON P5Q3CG	315.626	0.339	0.339
P5Q3BB2 0.396	ON P5Q3CH	316.913	0.391	0.391
P5Q3BB2 0.429	ON P5Q3CI	304.681	0.425	0.425
P5Q3BB2 0.360	ON P5Q3CN	294.972	0.355	0.355
P5Q3BB2 0.306	ON P5Q3CO	289.038	0.298	0.298
P5Q3BB2 0.313	ON P5Q3CQ	313.390	0.302	0.302
P5Q3BB2 0.367	ON P5Q3CW	289.578	0.362	0.362
P5Q3BB5 0.080	ON K6D2P_R	12.550	0.080	0.080
P5Q3BB5 0.075	ON K6D2AJ_R	11.573	0.075	0.075
P5Q3BB5 0.091	ON K6D61C	17.524	0.091	0.091

P5Q3BB5	ON	K6D61D	13.892	0.097	0.097
0.098					
P5Q3BB5	ON	K6D61E	17.654	0.119	0.119
0.119					
P5Q3BB5	ON	K6D61K	16.976	0.089	0.089
0.089					
P5Q3BB5	ON	K6D61L	14.104	0.115	0.115
0.115					
P5Q3BB5	ON	K6D61M	10.372	0.107	0.107
0.106					
P5Q3BB5	ON	K6D40_R	19.632	0.132	0.132
0.132					
P5Q3BB5	ON	K6D48_R	13.025	0.112	0.112
0.112					
P5Q3BB5	ON	K6F63_R	14.930	0.112	0.112
0.112					
P5Q3BB5	ON	K6F68_R	20.050	0.135	0.135
0.136					
P5Q3BB5	ON	K6F74_R	19.512	0.137	0.137
0.137					
P5Q3BB5	ON	P5Q3BB6	12.678	0.191	0.191
0.193					
P5Q3BB5	ON	P5Q3X	191.971	0.339	0.339
0.344					
P5Q3BB5	ON	P5Q3AA	187.644	0.251	0.251
0.260					
P5Q3BB5	ON	P5Q3AL	202.960	0.339	0.339
0.345					
P5Q3BB5	ON	P5Q3AP	205.846	0.295	0.295
0.302					
P5Q3BB5	ON	P5Q3BI	166.312	0.413	0.413
0.413					
P5Q3BB5	ON	P5Q3BZ	222.736	0.327	0.327
0.336					
P5Q3BB5	ON	P5Q3CJ	214.210	0.314	0.314
0.323					
P5Q3BB5	ON	P5Q3C	182.834	0.311	0.311
0.317					
P5Q3BB5	ON	P5Q30	208.630	0.283	0.283
0.292					
P5Q3BB5	ON	P5Q3R	190.535	0.315	0.315
0.321					
P5Q3BB5	ON	P5Q3S	206.171	0.271	0.271
0.280					
P5Q3BB5	ON	P5Q3T	215.653	0.272	0.272
0.282					
P5Q3BB5	ON	P5Q3U	188.260	0.256	0.256
0.264					
P5Q3BB5	ON	P5Q3V	196.622	0.270	0.270
0.278					

P5Q3BB5 0.308	ON P5Q3AJ	219.514	0.298	0.298
P5Q3BB5 0.297	ON P5Q3BC	225.954	0.287	0.287
P5Q3BB5 0.312	ON P5Q3BN	206.139	0.305	0.305
P5Q3BB5 0.294	ON P5Q3CF	205.031	0.286	0.286
P5Q3BB5 0.309	ON P5Q3CG	216.461	0.302	0.302
P5Q3BB5 0.348	ON P5Q3CH	210.501	0.342	0.342
P5Q3BB5 0.385	ON P5Q3CI	216.460	0.380	0.380
P5Q3BB5 0.322	ON P5Q3CN	206.515	0.315	0.315
P5Q3BB5 0.275	ON P5Q3C0	201.026	0.266	0.266
P5Q3BB5 0.283	ON P5Q3CQ	219.778	0.272	0.272
P5Q3BB5 0.336	ON P5Q3CW	208.946	0.330	0.330
P5Q3BB6 0.114	ON K6D2A_R	13.639	0.116	0.116
P5Q3BB6 0.106	ON K6D2P_R	20.132	0.108	0.108
P5Q3BB6 0.114	ON K6D2R_R	16.111	0.115	0.115
P5Q3BB6 0.120	ON K6D2Z_R	18.909	0.122	0.122
P5Q3BB6 0.112	ON K6D2AB_R	17.215	0.114	0.114
P5Q3BB6 0.107	ON K6D2AJ_R	21.302	0.108	0.108
P5Q3BB6 0.115	ON K6D61C	23.698	0.116	0.116
P5Q3BB6 0.123	ON K6D61D	19.279	0.124	0.124
P5Q3BB6 0.156	ON K6D61E	26.483	0.158	0.158
P5Q3BB6 0.114	ON K6D61K	23.396	0.115	0.115
P5Q3BB6 0.150	ON K6D61L	20.190	0.152	0.152
P5Q3BB6 0.150	ON K6D61M	17.992	0.153	0.153
P5Q3BB6 0.171	ON K6D40_R	29.388	0.173	0.173
P5Q3BB6 0.141	ON K6D48_R	18.585	0.143	0.143

P5Q3BB6 0.138	ON K6F63_R	20.158	0.140	0.140
P5Q3BB6 0.180	ON K6F68_R	30.599	0.182	0.182
P5Q3BB6 0.178	ON K6F74_R	28.764	0.181	0.181
P5Q3BB6 0.255	ON P5Q3BB1	32.618	0.255	0.255
P5Q3BB6 0.285	ON P5Q3BB2	46.865	0.287	0.287
P5Q3BB6 0.188	ON P5Q3BB5	12.676	0.191	0.191
P5Q3BB6 0.354	ON P5Q3BB7	60.334	0.355	0.355
P5Q3BB6 0.445	ON P5Q3X	336.400	0.444	0.444
P5Q3BB6 0.352	ON P5Q3AA	351.012	0.345	0.345
P5Q3BB6 0.457	ON P5Q3AL	375.837	0.454	0.454
P5Q3BB6 0.401	ON P5Q3AP	369.488	0.396	0.396
P5Q3BB6 0.553	ON P5Q3BI	303.118	0.560	0.560
P5Q3BB6 0.435	ON P5Q3BZ	389.119	0.430	0.430
P5Q3BB6 0.430	ON P5Q3CJ	396.453	0.424	0.424
P5Q3BB6 0.423	ON P5Q3C	350.516	0.421	0.421
P5Q3BB6 0.389	ON P5Q3O	383.414	0.382	0.382
P5Q3BB6 0.433	ON P5Q3R	356.773	0.431	0.431
P5Q3BB6 0.375	ON P5Q3S	374.556	0.368	0.368
P5Q3BB6 0.368	ON P5Q3T	377.128	0.360	0.360
P5Q3BB6 0.366	ON P5Q3U	363.326	0.359	0.359
P5Q3BB6 0.369	ON P5Q3V	351.612	0.363	0.363
P5Q3BB6 0.396	ON P5Q3AJ	377.189	0.389	0.389
P5Q3BB6 0.387	ON P5Q3BC	397.333	0.378	0.378
P5Q3BB6 0.416	ON P5Q3BN	385.595	0.411	0.411
P5Q3BB6 0.391	ON P5Q3CF	383.796	0.386	0.386

P5Q3BB6 0.408	ON P5Q3CG	393.821	0.404	0.404
P5Q3BB6 0.463	ON P5Q3CH	395.010	0.461	0.461
P5Q3BB6 0.507	ON P5Q3CI	388.366	0.507	0.507
P5Q3BB6 0.428	ON P5Q3CN	373.685	0.425	0.425
P5Q3BB6 0.368	ON P5Q3C0	381.762	0.361	0.361
P5Q3BB6 0.377	ON P5Q3CQ	408.793	0.367	0.367
P5Q3BB6 0.441	ON P5Q3CW	379.128	0.438	0.438
P5Q3BB7 0.125	ON K6D61E	10.618	0.126	0.126
P5Q3BB7 0.135	ON K6D40_R	10.903	0.136	0.136
P5Q3BB7 0.142	ON K6F68_R	11.059	0.143	0.143
P5Q3BB7 0.140	ON K6F74_R	10.537	0.141	0.141
P5Q3BB7 0.192	ON P5Q3BB2	10.605	0.193	0.193
P5Q3BB7 0.356	ON P5Q3BB6	60.337	0.355	0.355
P5Q3BB7 0.481	ON P5Q3X	260.551	0.479	0.479
P5Q3BB7 0.377	ON P5Q3AA	265.376	0.369	0.369
P5Q3BB7 0.467	ON P5Q3AL	275.958	0.463	0.463
P5Q3BB7 0.411	ON P5Q3AP	263.751	0.405	0.405
P5Q3BB7 0.579	ON P5Q3BI	224.030	0.584	0.584
P5Q3BB7 0.454	ON P5Q3BZ	295.038	0.447	0.447
P5Q3BB7 0.441	ON P5Q3CJ	295.649	0.434	0.434
P5Q3BB7 0.445	ON P5Q3C	244.109	0.442	0.442
P5Q3BB7 0.397	ON P5Q30	281.300	0.389	0.389
P5Q3BB7 0.440	ON P5Q3R	244.876	0.437	0.437
P5Q3BB7 0.389	ON P5Q3S	276.486	0.380	0.380
P5Q3BB7 0.388	ON P5Q3T	286.103	0.379	0.379

P5Q3BB7 0.382	ON P5Q3U	261.320	0.375	0.375
P5Q3BB7 0.390	ON P5Q3V	265.860	0.383	0.383
P5Q3BB7 0.412	ON P5Q3AJ	284.194	0.404	0.404
P5Q3BB7 0.404	ON P5Q3BC	308.712	0.393	0.393
P5Q3BB7 0.431	ON P5Q3BN	271.639	0.425	0.425
P5Q3BB7 0.410	ON P5Q3CF	275.779	0.403	0.403
P5Q3BB7 0.430	ON P5Q3CG	277.075	0.424	0.424
P5Q3BB7 0.481	ON P5Q3CH	281.177	0.478	0.478
P5Q3BB7 0.530	ON P5Q3CI	294.258	0.528	0.528
P5Q3BB7 0.454	ON P5Q3CN	279.216	0.449	0.449
P5Q3BB7 0.388	ON P5Q3C0	271.801	0.379	0.379
P5Q3BB7 0.388	ON P5Q3CQ	298.357	0.376	0.376
P5Q3BB7 0.461	ON P5Q3CW	271.627	0.457	0.457
P5Q3X 0.137	ON K6D2AG_R	57.445	0.139	0.139
P5Q3X 0.166	ON K6D2AI_R	52.609	0.169	0.169
P5Q3X 0.167	ON K6D2D_R	62.251	0.170	0.170
P5Q3X 0.158	ON K6D2J_R	50.013	0.162	0.162
P5Q3X 0.155	ON K6D2T_R	58.136	0.158	0.158
P5Q3X 0.134	ON K6D2AC_R	64.392	0.136	0.136
P5Q3X 0.177	ON K6D2AK_R	58.223	0.181	0.181
P5Q3X 0.176	ON K6D2C_R	64.338	0.180	0.180
P5Q3X 0.133	ON K6D2N_R	60.399	0.135	0.135
P5Q3X 0.164	ON K6D2X_R	70.396	0.167	0.167
P5Q3X 0.103	ON K6D2A_R	14.842	0.105	0.105
P5Q3X 0.072	ON K6D2P_R	11.625	0.073	0.073

P5Q3X 0.082	ON K6D2R_R	10.839	0.084	0.084
P5Q3X 0.088	ON K6D2AB_R	13.553	0.089	0.089
P5Q3X 0.081	ON K6D2AJ_R	15.843	0.082	0.082
P5Q3X 0.087	ON K6D61C	17.215	0.088	0.088
P5Q3X 0.100	ON K6D61D	16.415	0.101	0.101
P5Q3X 0.119	ON K6D61E	19.546	0.121	0.121
P5Q3X 0.085	ON K6D61K	15.955	0.085	0.085
P5Q3X 0.125	ON K6D61L	18.302	0.127	0.127
P5Q3X 0.122	ON K6D40_R	18.252	0.124	0.124
P5Q3X 0.105	ON K6D48_R	12.871	0.107	0.107
P5Q3X 0.098	ON K6F63_R	12.453	0.099	0.099
P5Q3X 0.122	ON K6F68_R	17.108	0.124	0.124
P5Q3X 0.129	ON K6F74_R	18.670	0.131	0.131
P5Q3X -0.086	ON K6D2B_R	19.173	-0.087	-0.087
P5Q3X -0.084	ON K6D2F_R	16.045	-0.086	-0.086
P5Q3X -0.119	ON K6D2G_R	13.786	-0.121	-0.121
P5Q3X -0.091	ON K6D2I_R	12.590	-0.093	-0.093
P5Q3X -0.081	ON K6D2K_R	12.299	-0.083	-0.083
P5Q3X -0.093	ON K6D2L_R	18.003	-0.095	-0.095
P5Q3X -0.080	ON K6D2M_R	12.310	-0.082	-0.082
P5Q3X -0.088	ON K6D2O_R	14.246	-0.090	-0.090
P5Q3X -0.070	ON K6D2S_R	17.160	-0.071	-0.071
P5Q3X -0.095	ON K6D2V_R	16.768	-0.097	-0.097
P5Q3X -0.079	ON K6D2W_R	14.397	-0.081	-0.081
P5Q3X -0.084	ON K6D2Y_R	14.094	-0.086	-0.086

P5Q3X -0.073	ON K6D2AA_R	13.112	-0.075	-0.075
P5Q3X -0.085	ON K6D2AE_R	10.764	-0.087	-0.087
P5Q3X -0.100	ON K6D2AF_R	17.547	-0.102	-0.102
P5Q3X -0.096	ON K6D2AH_R	13.042	-0.098	-0.098
P5Q3X 0.530	ON P5Q3M	392.718	0.536	0.536
P5Q3X 0.481	ON P5Q3AB	296.595	0.488	0.488
P5Q3X 0.495	ON P5Q3AD	423.633	0.499	0.499
P5Q3X 0.470	ON P5Q3AF	429.139	0.471	0.471
P5Q3X 0.446	ON P5Q3AH	442.718	0.445	0.445
P5Q3X 0.514	ON P5Q3AR	407.152	0.518	0.518
P5Q3X 0.437	ON P5Q3AV	416.175	0.438	0.438
P5Q3X 0.435	ON P5Q3AX	422.529	0.434	0.434
P5Q3X 0.437	ON P5Q3BQ	324.459	0.441	0.441
P5Q3X 0.482	ON P5Q3CK	460.346	0.482	0.482
P5Q3X 0.435	ON P5Q3DB	319.812	0.439	0.439
P5Q3X 0.600	ON P5Q3E	397.617	0.609	0.609
P5Q3X 0.498	ON P5Q3A0	395.844	0.503	0.503
P5Q3X 0.503	ON P5Q3BK	422.099	0.507	0.507
P5Q3X 0.510	ON P5Q3B0	400.331	0.515	0.515
P5Q3X 0.493	ON P5Q3CU	407.596	0.496	0.496
P5Q3X 0.465	ON P5Q3DA	420.752	0.467	0.467
P5Q3X 0.480	ON P5Q3AS	339.198	0.485	0.485
P5Q3X 0.557	ON P5Q3AU	391.672	0.563	0.563
P5Q3X 0.454	ON P5Q3AZ	441.058	0.454	0.454
P5Q3X 0.459	ON P5Q3BB1	399.182	0.460	0.460

P5Q3X 0.468	ON P5Q3BB2	336.403	0.473	0.473
P5Q3X 0.577	ON P5Q3BB5	327.375	0.586	0.586
P5Q3X 0.428	ON P5Q3BB6	377.834	0.429	0.429
P5Q3X 0.505	ON P5Q3BB7	415.815	0.508	0.508
P5Q3AA 0.079	ON K6D2AG_R	23.754	0.082	0.082
P5Q3AA 0.096	ON K6D2AI_R	22.572	0.100	0.100
P5Q3AA 0.096	ON K6D2D_R	26.311	0.100	0.100
P5Q3AA 0.105	ON K6D2J_R	28.914	0.109	0.109
P5Q3AA 0.093	ON K6D2T_R	26.375	0.096	0.096
P5Q3AA 0.081	ON K6D2AC_R	29.507	0.084	0.084
P5Q3AA 0.123	ON K6D2AK_R	35.251	0.128	0.128
P5Q3AA 0.098	ON K6D2C_R	25.390	0.102	0.102
P5Q3AA 0.080	ON K6D2N_R	27.799	0.083	0.083
P5Q3AA 0.095	ON K6D2X_R	29.242	0.098	0.098
P5Q3AA 0.076	ON K6D61D	11.896	0.079	0.079
P5Q3AA 0.090	ON K6D61E	13.948	0.092	0.092
P5Q3AA 0.088	ON K6D61L	11.287	0.091	0.091
P5Q3AA 0.087	ON K6D40_R	11.381	0.089	0.089
P5Q3AA 0.506	ON P5Q3M	471.421	0.521	0.521
P5Q3AA 0.479	ON P5Q3AB	390.702	0.495	0.495
P5Q3AA 0.445	ON P5Q3AD	430.806	0.457	0.457
P5Q3AA 0.440	ON P5Q3AF	483.590	0.450	0.450
P5Q3AA 0.424	ON P5Q3AH	520.150	0.431	0.431
P5Q3AA 0.483	ON P5Q3AR	476.779	0.495	0.495
P5Q3AA 0.405	ON P5Q3AV	459.893	0.413	0.413

P5Q3AA 0.413	ON P5Q3AX	482.654	0.420	0.420
P5Q3AA 0.419	ON P5Q3BQ	391.231	0.431	0.431
P5Q3AA 0.451	ON P5Q3CK	521.821	0.458	0.458
P5Q3AA 0.419	ON P5Q3DB	385.394	0.430	0.430
P5Q3AA 0.507	ON P5Q3E	343.307	0.524	0.524
P5Q3AA 0.455	ON P5Q3A0	413.299	0.467	0.467
P5Q3AA 0.470	ON P5Q3BK	468.175	0.482	0.482
P5Q3AA 0.474	ON P5Q3B0	440.939	0.487	0.487
P5Q3AA 0.462	ON P5Q3CU	449.283	0.473	0.473
P5Q3AA 0.429	ON P5Q3DA	465.177	0.438	0.438
P5Q3AA 0.465	ON P5Q3AS	426.476	0.478	0.478
P5Q3AA 0.517	ON P5Q3AU	427.683	0.531	0.531
P5Q3AA 0.427	ON P5Q3AZ	484.538	0.434	0.434
P5Q3AA 0.432	ON P5Q3BB1	457.160	0.441	0.441
P5Q3AA 0.453	ON P5Q3BB2	398.295	0.465	0.465
P5Q3AA 0.520	ON P5Q3BB5	352.009	0.537	0.537
P5Q3AA 0.408	ON P5Q3BB6	437.372	0.416	0.416
P5Q3AA 0.478	ON P5Q3BB7	471.700	0.489	0.489
P5Q3AA 0.169	ON P5Q3U	40.013	0.170	0.170
P5Q3AA 0.212	ON P5Q3V	65.770	0.212	0.212
P5Q3AA -0.166	ON P5Q3CG	16.443	-0.167	-0.167
P5Q3AA -0.183	ON P5Q3CI	11.319	-0.187	-0.187
P5Q3AL 0.522	ON P5Q3M	314.693	0.530	0.530
P5Q3AL 0.514	ON P5Q3AB	263.587	0.523	0.523
P5Q3AL 0.496	ON P5Q3AD	351.504	0.501	0.501

P5Q3AL 0.466	ON P5Q3AF	358.592	0.469	0.469
P5Q3AL 0.450	ON P5Q3AH	388.571	0.450	0.450
P5Q3AL 0.519	ON P5Q3AR	359.289	0.525	0.525
P5Q3AL 0.443	ON P5Q3AV	354.908	0.445	0.445
P5Q3AL 0.433	ON P5Q3AX	374.830	0.433	0.433
P5Q3AL 0.472	ON P5Q3BQ	305.127	0.478	0.478
P5Q3AL 0.479	ON P5Q3CK	395.949	0.480	0.480
P5Q3AL 0.472	ON P5Q3DB	295.262	0.478	0.478
P5Q3AL 0.592	ON P5Q3E	297.171	0.603	0.603
P5Q3AL 0.508	ON P5Q3A0	330.427	0.515	0.515
P5Q3AL 0.509	ON P5Q3BK	356.813	0.514	0.514
P5Q3AL 0.523	ON P5Q3B0	334.154	0.530	0.530
P5Q3AL 0.499	ON P5Q3CU	341.911	0.503	0.503
P5Q3AL 0.466	ON P5Q3DA	354.603	0.469	0.469
P5Q3AL 0.503	ON P5Q3AS	317.529	0.510	0.510
P5Q3AL 0.570	ON P5Q3AU	347.546	0.578	0.578
P5Q3AL 0.452	ON P5Q3AZ	370.476	0.454	0.454
P5Q3AL 0.466	ON P5Q3BB1	354.788	0.469	0.469
P5Q3AL 0.513	ON P5Q3BB2	331.221	0.520	0.520
P5Q3AL 0.591	ON P5Q3BB5	288.562	0.602	0.602
P5Q3AL 0.446	ON P5Q3BB6	348.653	0.448	0.448
P5Q3AL 0.499	ON P5Q3BB7	361.945	0.503	0.503
P5Q3AL 0.171	ON P5Q3AJ	11.023	0.169	0.169
P5Q3AP 0.109	ON K6D2AG_R	39.800	0.112	0.112
P5Q3AP 0.137	ON K6D2AI_R	40.141	0.141	0.141

P5Q3AP 0.125	ON K6D2D_R	38.694	0.129	0.129
P5Q3AP 0.128	ON K6D2J_R	36.737	0.132	0.132
P5Q3AP 0.121	ON K6D2T_R	39.357	0.124	0.124
P5Q3AP 0.108	ON K6D2AC_R	45.675	0.111	0.111
P5Q3AP 0.149	ON K6D2AK_R	45.767	0.154	0.154
P5Q3AP 0.133	ON K6D2C_R	41.043	0.137	0.137
P5Q3AP 0.106	ON K6D2N_R	43.355	0.109	0.109
P5Q3AP 0.124	ON K6D2X_R	45.313	0.128	0.128
P5Q3AP 0.086	ON K6D61E	11.188	0.088	0.088
P5Q3AP 0.095	ON K6D40_R	12.247	0.097	0.097
P5Q3AP 0.096	ON K6F74_R	11.265	0.099	0.099
P5Q3AP -0.072	ON K6D2AF_R	10.268	-0.074	-0.074
P5Q3AP 0.609	ON P5Q3M	617.711	0.622	0.622
P5Q3AP 0.579	ON P5Q3AB	500.420	0.593	0.593
P5Q3AP 0.560	ON P5Q3AD	630.250	0.569	0.569
P5Q3AP 0.536	ON P5Q3AF	663.811	0.544	0.544
P5Q3AP 0.514	ON P5Q3AH	716.037	0.518	0.518
P5Q3AP 0.598	ON P5Q3AR	658.908	0.608	0.608
P5Q3AP 0.504	ON P5Q3AV	663.338	0.509	0.509
P5Q3AP 0.510	ON P5Q3AX	692.556	0.514	0.514
P5Q3AP 0.528	ON P5Q3BQ	567.429	0.538	0.538
P5Q3AP 0.558	ON P5Q3CK	727.769	0.562	0.562
P5Q3AP 0.534	ON P5Q3DB	574.122	0.544	0.544
P5Q3AP 0.673	ON P5Q3E	536.337	0.690	0.690
P5Q3AP 0.559	ON P5Q3A0	598.516	0.570	0.570

P5Q3AP 0.574	ON P5Q3BK	645.212	0.584	0.584
P5Q3AP 0.581	ON P5Q3B0	639.646	0.593	0.593
P5Q3AP 0.581	ON P5Q3CU	661.440	0.590	0.590
P5Q3AP 0.528	ON P5Q3DA	654.782	0.535	0.535
P5Q3AP 0.566	ON P5Q3AS	587.453	0.577	0.577
P5Q3AP 0.641	ON P5Q3AU	616.847	0.654	0.654
P5Q3AP 0.529	ON P5Q3AZ	685.542	0.534	0.534
P5Q3AP 0.539	ON P5Q3BB1	648.754	0.546	0.546
P5Q3AP 0.558	ON P5Q3BB2	559.393	0.569	0.569
P5Q3AP 0.675	ON P5Q3BB5	537.915	0.691	0.691
P5Q3AP 0.514	ON P5Q3BB6	636.398	0.520	0.520
P5Q3AP 0.581	ON P5Q3BB7	654.695	0.589	0.589
P5Q3BI 0.053	ON K6D2AG_R	10.374	0.053	0.053
P5Q3BI 0.066	ON K6D2AI_R	10.339	0.067	0.067
P5Q3BI 0.063	ON K6D2D_R	10.870	0.064	0.064
P5Q3BI 0.059	ON K6D2T_R	10.234	0.059	0.059
P5Q3BI 0.056	ON K6D2AC_R	13.960	0.057	0.057
P5Q3BI 0.072	ON K6D2AK_R	11.793	0.072	0.072
P5Q3BI 0.054	ON K6D2N_R	12.443	0.055	0.055
P5Q3BI 0.062	ON K6D2X_R	12.130	0.062	0.062
P5Q3BI 0.412	ON P5Q3M	254.150	0.412	0.412
P5Q3BI 0.402	ON P5Q3AB	235.839	0.402	0.402
P5Q3BI 0.399	ON P5Q3AD	303.459	0.396	0.396
P5Q3BI 0.384	ON P5Q3AF	313.857	0.380	0.380
P5Q3BI 0.373	ON P5Q3AH	340.038	0.368	0.368

P5Q3BI 0.425	ON P5Q3AR	308.205	0.422	0.422
P5Q3BI 0.348	ON P5Q3AV	295.991	0.344	0.344
P5Q3BI 0.368	ON P5Q3AX	336.877	0.362	0.362
P5Q3BI 0.387	ON P5Q3BQ	322.052	0.386	0.386
P5Q3BI 0.398	ON P5Q3CK	350.341	0.392	0.392
P5Q3BI 0.370	ON P5Q3DB	274.963	0.368	0.368
P5Q3BI 0.464	ON P5Q3E	244.998	0.465	0.465
P5Q3BI 0.416	ON P5Q3A0	305.921	0.414	0.414
P5Q3BI 0.416	ON P5Q3BK	321.630	0.413	0.413
P5Q3BI 0.424	ON P5Q3B0	317.197	0.423	0.423
P5Q3BI 0.413	ON P5Q3CU	316.055	0.410	0.410
P5Q3BI 0.385	ON P5Q3DA	317.927	0.381	0.381
P5Q3BI 0.407	ON P5Q3AS	284.182	0.406	0.406
P5Q3BI 0.459	ON P5Q3AU	292.417	0.458	0.458
P5Q3BI 0.377	ON P5Q3AZ	332.821	0.372	0.372
P5Q3BI 0.383	ON P5Q3BB1	310.592	0.379	0.379
P5Q3BI 0.398	ON P5Q3BB2	280.361	0.396	0.396
P5Q3BI 0.474	ON P5Q3BB5	262.832	0.475	0.475
P5Q3BI 0.366	ON P5Q3BB6	315.328	0.362	0.362
P5Q3BI 0.418	ON P5Q3BB7	329.061	0.415	0.415
P5Q3BZ 0.192	ON K6D2AG_R	46.924	0.198	0.198
P5Q3BZ 0.232	ON K6D2AI_R	42.509	0.240	0.240
P5Q3BZ 0.217	ON K6D2D_R	45.305	0.224	0.224
P5Q3BZ 0.211	ON K6D2J_R	39.404	0.218	0.218
P5Q3BZ 0.222	ON K6D2T_R	49.664	0.229	0.229

P5Q3BZ 0.178	ON K6D2AC_R	48.957	0.183	0.183
P5Q3BZ 0.251	ON K6D2AK_R	48.529	0.259	0.259
P5Q3BZ 0.225	ON K6D2C_R	46.600	0.233	0.233
P5Q3BZ 0.181	ON K6D2N_R	47.806	0.187	0.187
P5Q3BZ 0.205	ON K6D2X_R	49.336	0.212	0.212
P5Q3BZ 0.725	ON P5Q3M	393.461	0.742	0.742
P5Q3BZ 0.703	ON P5Q3AB	338.261	0.721	0.721
P5Q3BZ 0.659	ON P5Q3AD	413.825	0.671	0.671
P5Q3BZ 0.630	ON P5Q3AF	435.310	0.640	0.640
P5Q3BZ 0.588	ON P5Q3AH	462.909	0.594	0.594
P5Q3BZ 0.679	ON P5Q3AR	419.559	0.692	0.692
P5Q3BZ 0.585	ON P5Q3AV	425.206	0.593	0.593
P5Q3BZ 0.577	ON P5Q3AX	443.522	0.582	0.582
P5Q3BZ 0.635	ON P5Q3BQ	366.363	0.649	0.649
P5Q3BZ 0.624	ON P5Q3CK	480.506	0.630	0.630
P5Q3BZ 0.646	ON P5Q3DB	376.277	0.659	0.659
P5Q3BZ 0.849	ON P5Q3E	364.200	0.872	0.872
P5Q3BZ 0.673	ON P5Q3A0	403.633	0.686	0.686
P5Q3BZ 0.682	ON P5Q3BK	437.211	0.695	0.695
P5Q3BZ 0.679	ON P5Q3B0	431.251	0.694	0.694
P5Q3BZ 0.681	ON P5Q3CU	434.650	0.693	0.693
P5Q3BZ 0.619	ON P5Q3DA	444.844	0.628	0.628
P5Q3BZ 0.633	ON P5Q3AS	373.191	0.647	0.647
P5Q3BZ 0.758	ON P5Q3AU	413.116	0.774	0.774
P5Q3BZ 0.609	ON P5Q3AZ	446.187	0.615	0.615

P5Q3BZ 0.627	ON P5Q3BB1	420.429	0.636	0.636
P5Q3BZ 0.675	ON P5Q3BB2	382.685	0.689	0.689
P5Q3BZ 0.814	ON P5Q3BB5	362.914	0.835	0.835
P5Q3BZ 0.590	ON P5Q3BB6	403.437	0.598	0.598
P5Q3BZ 0.666	ON P5Q3BB7	433.830	0.677	0.677
P5Q3CJ 0.170	ON K6D2AG_R	44.451	0.175	0.175
P5Q3CJ 0.203	ON K6D2AI_R	40.492	0.210	0.210
P5Q3CJ 0.188	ON K6D2D_R	39.000	0.194	0.194
P5Q3CJ 0.189	ON K6D2J_R	35.813	0.195	0.195
P5Q3CJ 0.178	ON K6D2T_R	38.644	0.183	0.183
P5Q3CJ 0.164	ON K6D2AC_R	49.815	0.169	0.169
P5Q3CJ 0.218	ON K6D2AK_R	45.414	0.225	0.225
P5Q3CJ 0.192	ON K6D2C_R	39.931	0.199	0.199
P5Q3CJ 0.157	ON K6D2N_R	44.058	0.162	0.162
P5Q3CJ 0.185	ON K6D2X_R	47.773	0.190	0.190
P5Q3CJ 0.752	ON P5Q3M	541.371	0.770	0.770
P5Q3CJ 0.750	ON P5Q3AB	477.392	0.770	0.770
P5Q3CJ 0.681	ON P5Q3AD	572.781	0.693	0.693
P5Q3CJ 0.645	ON P5Q3AF	595.716	0.655	0.655
P5Q3CJ 0.600	ON P5Q3AH	631.259	0.605	0.605
P5Q3CJ 0.685	ON P5Q3AR	576.334	0.699	0.699
P5Q3CJ 0.606	ON P5Q3AV	590.985	0.614	0.614
P5Q3CJ 0.605	ON P5Q3AX	623.935	0.610	0.610
P5Q3CJ 0.661	ON P5Q3BQ	515.429	0.675	0.675
P5Q3CJ 0.635	ON P5Q3CK	677.208	0.642	0.642

P5Q3CJ 0.655	ON P5Q3DB	518.081	0.669	0.669
P5Q3CJ 0.854	ON P5Q3E	514.152	0.877	0.877
P5Q3CJ 0.695	ON P5Q3A0	561.478	0.710	0.710
P5Q3CJ 0.696	ON P5Q3BK	600.364	0.709	0.709
P5Q3CJ 0.713	ON P5Q3B0	561.437	0.729	0.729
P5Q3CJ 0.691	ON P5Q3CU	590.073	0.703	0.703
P5Q3CJ 0.641	ON P5Q3DA	615.971	0.650	0.650
P5Q3CJ 0.678	ON P5Q3AS	522.649	0.693	0.693
P5Q3CJ 0.778	ON P5Q3AU	572.651	0.795	0.795
P5Q3CJ 0.624	ON P5Q3AZ	620.561	0.631	0.631
P5Q3CJ 0.650	ON P5Q3BB1	601.784	0.660	0.660
P5Q3CJ 0.697	ON P5Q3BB2	526.239	0.711	0.711
P5Q3CJ 0.833	ON P5Q3BB5	487.168	0.855	0.855
P5Q3CJ 0.625	ON P5Q3BB6	582.931	0.633	0.633
P5Q3CJ 0.690	ON P5Q3BB7	605.450	0.701	0.701
P5Q3C 0.112	ON K6D2AG_R	50.945	0.114	0.114
P5Q3C 0.125	ON K6D2AI_R	40.029	0.128	0.128
P5Q3C 0.125	ON K6D2D_R	47.221	0.128	0.128
P5Q3C 0.136	ON K6D2J_R	51.043	0.139	0.139
P5Q3C 0.126	ON K6D2T_R	51.702	0.129	0.129
P5Q3C 0.109	ON K6D2AC_R	57.621	0.112	0.112
P5Q3C 0.147	ON K6D2AK_R	53.282	0.150	0.150
P5Q3C 0.115	ON K6D2C_R	37.197	0.117	0.117
P5Q3C 0.111	ON K6D2N_R	57.037	0.113	0.113
P5Q3C 0.123	ON K6D2X_R	52.902	0.126	0.126

P5Q3C -0.089	ON K6D2B_R	28.438	-0.091	-0.091
P5Q3C -0.100	ON K6D2F_R	30.450	-0.102	-0.102
P5Q3C -0.116	ON K6D2G_R	17.954	-0.119	-0.119
P5Q3C -0.115	ON K6D2I_R	28.328	-0.117	-0.117
P5Q3C -0.107	ON K6D2K_R	29.268	-0.109	-0.109
P5Q3C -0.094	ON K6D2L_R	24.931	-0.096	-0.096
P5Q3C -0.108	ON K6D2M_R	30.933	-0.111	-0.111
P5Q3C -0.098	ON K6D2O_R	23.964	-0.101	-0.101
P5Q3C -0.076	ON K6D2S_R	27.703	-0.077	-0.077
P5Q3C -0.112	ON K6D2V_R	32.308	-0.114	-0.114
P5Q3C -0.100	ON K6D2W_R	31.809	-0.102	-0.102
P5Q3C -0.092	ON K6D2Y_R	22.937	-0.094	-0.094
P5Q3C -0.086	ON K6D2AA_R	24.172	-0.088	-0.088
P5Q3C -0.113	ON K6D2AE_R	25.555	-0.115	-0.115
P5Q3C -0.098	ON K6D2AF_R	23.473	-0.100	-0.100
P5Q3C -0.111	ON K6D2AH_R	23.490	-0.113	-0.113
P5Q3C 0.534	ON P5Q3M	538.217	0.542	0.542
P5Q3C 0.496	ON P5Q3AB	394.780	0.504	0.504
P5Q3C 0.479	ON P5Q3AD	499.540	0.484	0.484
P5Q3C 0.481	ON P5Q3AF	597.065	0.484	0.484
P5Q3C 0.454	ON P5Q3AH	604.222	0.453	0.453
P5Q3C 0.511	ON P5Q3AR	521.078	0.516	0.516
P5Q3C 0.447	ON P5Q3AV	566.769	0.448	0.448
P5Q3C 0.451	ON P5Q3AX	577.062	0.451	0.451
P5Q3C 0.466	ON P5Q3BQ	512.740	0.471	0.471

P5Q3C 0.485	ON P5Q3CK	607.709	0.485	0.485
P5Q3C 0.473	ON P5Q3DB	540.603	0.478	0.478
P5Q3C 0.557	ON P5Q3E	402.648	0.567	0.567
P5Q3C 0.487	ON P5Q3A0	474.032	0.492	0.492
P5Q3C 0.492	ON P5Q3BK	497.596	0.496	0.496
P5Q3C 0.497	ON P5Q3B0	473.650	0.503	0.503
P5Q3C 0.508	ON P5Q3CU	541.350	0.512	0.512
P5Q3C 0.465	ON P5Q3DA	530.806	0.467	0.467
P5Q3C 0.502	ON P5Q3AS	496.399	0.508	0.508
P5Q3C 0.555	ON P5Q3AU	511.610	0.562	0.562
P5Q3C 0.466	ON P5Q3AZ	563.248	0.467	0.467
P5Q3C 0.472	ON P5Q3BB1	547.659	0.474	0.474
P5Q3C 0.489	ON P5Q3BB2	470.890	0.494	0.494
P5Q3C 0.582	ON P5Q3BB5	428.094	0.592	0.592
P5Q3C 0.441	ON P5Q3BB6	527.538	0.443	0.443
P5Q3C 0.513	ON P5Q3BB7	542.285	0.517	0.517
P5Q3C 0.106	ON P5Q3U	10.506	0.105	0.105
P5Q30 0.126	ON K6D2AG_R	38.272	0.130	0.130
P5Q30 0.153	ON K6D2AI_R	35.714	0.159	0.159
P5Q30 0.153	ON K6D2D_R	41.650	0.159	0.159
P5Q30 0.149	ON K6D2J_R	35.219	0.154	0.154
P5Q30 0.151	ON K6D2T_R	43.492	0.156	0.156
P5Q30 0.125	ON K6D2AC_R	44.331	0.129	0.129
P5Q30 0.180	ON K6D2AK_R	46.698	0.187	0.187
P5Q30 0.154	ON K6D2C_R	39.150	0.160	0.160

P5Q30 0.126	ON K6D2N_R	42.651	0.130	0.130
P5Q30 0.153	ON K6D2X_R	48.988	0.159	0.159
P5Q30 -0.078	ON K6D2B_R	12.729	-0.081	-0.081
P5Q30 -0.085	ON K6D2F_R	12.985	-0.089	-0.089
P5Q30 -0.120	ON K6D2G_R	11.059	-0.125	-0.125
P5Q30 -0.099	ON K6D2I_R	12.242	-0.103	-0.103
P5Q30 -0.092	ON K6D2K_R	12.888	-0.096	-0.096
P5Q30 -0.089	ON K6D2L_R	12.857	-0.092	-0.092
P5Q30 -0.091	ON K6D2M_R	12.921	-0.095	-0.095
P5Q30 -0.066	ON K6D2S_R	12.233	-0.068	-0.068
P5Q30 -0.092	ON K6D2V_R	12.553	-0.095	-0.095
P5Q30 -0.080	ON K6D2W_R	11.585	-0.083	-0.083
P5Q30 -0.082	ON K6D2Y_R	10.641	-0.086	-0.086
P5Q30 -0.076	ON K6D2AA_R	10.997	-0.079	-0.079
P5Q30 -0.096	ON K6D2AE_R	10.708	-0.100	-0.100
P5Q30 -0.093	ON K6D2AF_R	12.236	-0.097	-0.097
P5Q30 -0.104	ON K6D2AH_R	11.892	-0.108	-0.108
P5Q30 0.644	ON P5Q3M	594.628	0.662	0.662
P5Q30 0.619	ON P5Q3AB	431.266	0.638	0.638
P5Q30 0.601	ON P5Q3AD	571.175	0.615	0.615
P5Q30 0.571	ON P5Q3AF	605.493	0.583	0.583
P5Q30 0.538	ON P5Q3AH	624.872	0.546	0.546
P5Q30 0.632	ON P5Q3AR	575.644	0.647	0.647
P5Q30 0.542	ON P5Q3AV	584.261	0.551	0.551
P5Q30 0.539	ON P5Q3AX	612.645	0.546	0.546

P5Q30 0.558	ON P5Q3BQ	483.227	0.572	0.572
P5Q30 0.589	ON P5Q3CK	666.073	0.597	0.597
P5Q30 0.582	ON P5Q3DB	505.503	0.597	0.597
P5Q30 0.728	ON P5Q3E	511.260	0.752	0.752
P5Q30 0.617	ON P5Q3A0	562.432	0.633	0.633
P5Q30 0.621	ON P5Q3BK	587.406	0.635	0.635
P5Q30 0.620	ON P5Q3B0	564.642	0.637	0.637
P5Q30 0.606	ON P5Q3CU	586.738	0.620	0.620
P5Q30 0.571	ON P5Q3DA	613.301	0.582	0.582
P5Q30 0.592	ON P5Q3AS	501.785	0.608	0.608
P5Q30 0.701	ON P5Q3AU	568.857	0.720	0.720
P5Q30 0.554	ON P5Q3AZ	613.026	0.563	0.563
P5Q30 0.573	ON P5Q3BB1	578.539	0.585	0.585
P5Q30 0.616	ON P5Q3BB2	516.996	0.632	0.632
P5Q30 0.724	ON P5Q3BB5	474.451	0.747	0.747
P5Q30 0.549	ON P5Q3BB6	569.133	0.559	0.559
P5Q30 0.608	ON P5Q3BB7	588.563	0.622	0.622
P5Q3R 0.119	ON K6D2AG_R	55.442	0.122	0.122
P5Q3R 0.135	ON K6D2AI_R	44.568	0.138	0.138
P5Q3R 0.147	ON K6D2D_R	62.237	0.150	0.150
P5Q3R 0.136	ON K6D2J_R	48.013	0.139	0.139
P5Q3R 0.142	ON K6D2T_R	62.590	0.145	0.145
P5Q3R 0.121	ON K6D2AC_R	67.139	0.123	0.123
P5Q3R 0.157	ON K6D2AK_R	58.725	0.160	0.160
P5Q3R 0.142	ON K6D2C_R	53.899	0.145	0.145

P5Q3R 0.121	ON K6D2N_R	65.318	0.124	0.124
P5Q3R 0.145	ON K6D2X_R	69.614	0.148	0.148
P5Q3R -0.065	ON K6D2B_R	13.980	-0.066	-0.066
P5Q3R -0.070	ON K6D2F_R	14.257	-0.071	-0.071
P5Q3R -0.092	ON K6D2G_R	10.282	-0.094	-0.094
P5Q3R -0.074	ON K6D2I_R	10.787	-0.075	-0.075
P5Q3R -0.073	ON K6D2K_R	13.092	-0.075	-0.075
P5Q3R -0.072	ON K6D2L_R	13.634	-0.074	-0.074
P5Q3R -0.078	ON K6D2M_R	14.993	-0.080	-0.080
P5Q3R -0.070	ON K6D2O_R	11.119	-0.071	-0.071
P5Q3R -0.054	ON K6D2S_R	13.368	-0.055	-0.055
P5Q3R -0.078	ON K6D2V_R	14.788	-0.080	-0.080
P5Q3R -0.065	ON K6D2W_R	12.503	-0.066	-0.066
P5Q3R -0.069	ON K6D2Y_R	12.166	-0.071	-0.071
P5Q3R -0.064	ON K6D2AA_R	12.728	-0.065	-0.065
P5Q3R -0.074	ON K6D2AE_R	10.128	-0.075	-0.075
P5Q3R -0.069	ON K6D2AF_R	10.882	-0.071	-0.071
P5Q3R -0.078	ON K6D2AH_R	10.607	-0.079	-0.079
P5Q3R 0.650	ON P5Q3M	849.805	0.658	0.658
P5Q3R 0.615	ON P5Q3AB	648.961	0.625	0.625
P5Q3R 0.588	ON P5Q3AD	786.284	0.594	0.594
P5Q3R 0.581	ON P5Q3AF	877.071	0.584	0.584
P5Q3R 0.549	ON P5Q3AH	902.128	0.549	0.549
P5Q3R 0.619	ON P5Q3AR	783.705	0.625	0.625
P5Q3R 0.540	ON P5Q3AV	853.532	0.541	0.541

P5Q3R 0.547	ON P5Q3AX	875.282	0.547	0.547
P5Q3R 0.551	ON P5Q3BQ	736.828	0.557	0.557
P5Q3R 0.597	ON P5Q3CK	937.429	0.597	0.597
P5Q3R 0.557	ON P5Q3DB	737.863	0.563	0.563
P5Q3R 0.695	ON P5Q3E	655.008	0.707	0.707
P5Q3R 0.602	ON P5Q3A0	738.006	0.609	0.609
P5Q3R 0.613	ON P5Q3BK	803.641	0.619	0.619
P5Q3R 0.609	ON P5Q3B0	739.084	0.616	0.616
P5Q3R 0.621	ON P5Q3CU	832.187	0.625	0.625
P5Q3R 0.573	ON P5Q3DA	838.646	0.575	0.575
P5Q3R 0.609	ON P5Q3AS	743.250	0.617	0.617
P5Q3R 0.693	ON P5Q3AU	786.090	0.702	0.702
P5Q3R 0.569	ON P5Q3AZ	873.935	0.570	0.570
P5Q3R 0.570	ON P5Q3BB1	815.723	0.572	0.572
P5Q3R 0.603	ON P5Q3BB2	702.711	0.609	0.609
P5Q3R 0.710	ON P5Q3BB5	655.641	0.722	0.722
P5Q3R 0.546	ON P5Q3BB6	799.035	0.548	0.548
P5Q3R 0.619	ON P5Q3BB7	816.674	0.623	0.623
P5Q3S 0.115	ON K6D2AG_R	35.127	0.120	0.120
P5Q3S 0.141	ON K6D2AI_R	32.455	0.146	0.146
P5Q3S 0.139	ON K6D2D_R	37.987	0.145	0.145
P5Q3S 0.131	ON K6D2J_R	30.300	0.137	0.137
P5Q3S 0.135	ON K6D2T_R	38.405	0.140	0.140
P5Q3S 0.118	ON K6D2AC_R	43.647	0.122	0.122
P5Q3S 0.173	ON K6D2AK_R	48.617	0.180	0.180

P5Q3S 0.141	ON K6D2C_R	35.759	0.146	0.146
P5Q3S 0.123	ON K6D2N_R	45.495	0.128	0.128
P5Q3S 0.144	ON K6D2X_R	46.120	0.150	0.150
P5Q3S 0.091	ON K6D61E	10.017	0.094	0.094
P5Q3S 0.634	ON P5Q3M	608.631	0.653	0.653
P5Q3S 0.598	ON P5Q3AB	440.632	0.618	0.618
P5Q3S 0.589	ON P5Q3AD	574.569	0.604	0.604
P5Q3S 0.562	ON P5Q3AF	611.745	0.575	0.575
P5Q3S 0.533	ON P5Q3AH	644.433	0.542	0.542
P5Q3S 0.612	ON P5Q3AR	584.624	0.628	0.628
P5Q3S 0.529	ON P5Q3AV	600.505	0.539	0.539
P5Q3S 0.534	ON P5Q3AX	627.304	0.543	0.543
P5Q3S 0.546	ON P5Q3BQ	484.320	0.561	0.561
P5Q3S 0.577	ON P5Q3CK	678.831	0.587	0.587
P5Q3S 0.558	ON P5Q3DB	500.984	0.574	0.574
P5Q3S 0.700	ON P5Q3E	529.664	0.724	0.724
P5Q3S 0.603	ON P5Q3A0	561.308	0.619	0.619
P5Q3S 0.604	ON P5Q3BK	600.784	0.620	0.620
P5Q3S 0.604	ON P5Q3B0	550.867	0.621	0.621
P5Q3S 0.602	ON P5Q3CU	582.022	0.617	0.617
P5Q3S 0.559	ON P5Q3DA	613.769	0.571	0.571
P5Q3S 0.596	ON P5Q3AS	527.488	0.613	0.613
P5Q3S 0.681	ON P5Q3AU	557.263	0.701	0.701
P5Q3S 0.544	ON P5Q3AZ	628.013	0.554	0.554
P5Q3S 0.566	ON P5Q3BB1	587.839	0.578	0.578

P5Q3S 0.593	ON P5Q3BB2	508.789	0.610	0.610
P5Q3S 0.690	ON P5Q3BB5	469.660	0.713	0.713
P5Q3S 0.535	ON P5Q3BB6	566.320	0.546	0.546
P5Q3S 0.606	ON P5Q3BB7	595.155	0.620	0.620
P5Q3S 0.299	ON P5Q3T	120.202	0.299	0.299
P5Q3T 0.103	ON K6D2AG_R	27.512	0.107	0.107
P5Q3T 0.134	ON K6D2AI_R	29.758	0.140	0.140
P5Q3T 0.122	ON K6D2D_R	28.478	0.127	0.127
P5Q3T 0.124	ON K6D2J_R	26.625	0.129	0.129
P5Q3T 0.119	ON K6D2T_R	29.498	0.124	0.124
P5Q3T 0.102	ON K6D2AC_R	31.789	0.106	0.106
P5Q3T 0.150	ON K6D2AK_R	35.435	0.156	0.156
P5Q3T 0.128	ON K6D2C_R	29.166	0.133	0.133
P5Q3T 0.107	ON K6D2N_R	33.637	0.111	0.111
P5Q3T 0.126	ON K6D2X_R	34.810	0.131	0.131
P5Q3T 0.637	ON P5Q3M	612.787	0.658	0.658
P5Q3T 0.596	ON P5Q3AB	446.947	0.617	0.617
P5Q3T 0.590	ON P5Q3AD	590.326	0.607	0.607
P5Q3T 0.560	ON P5Q3AF	623.758	0.574	0.574
P5Q3T 0.528	ON P5Q3AH	654.665	0.538	0.538
P5Q3T 0.616	ON P5Q3AR	604.501	0.634	0.634
P5Q3T 0.520	ON P5Q3AV	614.352	0.531	0.531
P5Q3T 0.526	ON P5Q3AX	633.792	0.535	0.535
P5Q3T 0.549	ON P5Q3BQ	508.969	0.566	0.566
P5Q3T 0.574	ON P5Q3CK	688.981	0.585	0.585

P5Q3T 0.561	ON P5Q3DB	518.539	0.577	0.577
P5Q3T 0.706	ON P5Q3E	520.786	0.731	0.731
P5Q3T 0.597	ON P5Q3A0	571.232	0.615	0.615
P5Q3T 0.599	ON P5Q3BK	596.844	0.616	0.616
P5Q3T 0.596	ON P5Q3B0	550.920	0.615	0.615
P5Q3T 0.603	ON P5Q3CU	606.381	0.619	0.619
P5Q3T 0.556	ON P5Q3DA	616.308	0.569	0.569
P5Q3T 0.581	ON P5Q3AS	526.426	0.599	0.599
P5Q3T 0.669	ON P5Q3AU	561.951	0.690	0.690
P5Q3T 0.543	ON P5Q3AZ	641.911	0.554	0.554
P5Q3T 0.560	ON P5Q3BB1	606.477	0.573	0.573
P5Q3T 0.585	ON P5Q3BB2	518.634	0.602	0.602
P5Q3T 0.710	ON P5Q3BB5	507.683	0.736	0.736
P5Q3T 0.532	ON P5Q3BB6	581.326	0.544	0.544
P5Q3T 0.611	ON P5Q3BB7	623.940	0.627	0.627
P5Q3T 0.298	ON P5Q3S	120.199	0.299	0.299
P5Q3U 0.058	ON K6D2AG_R	13.093	0.060	0.060
P5Q3U 0.070	ON K6D2AI_R	11.952	0.073	0.073
P5Q3U 0.068	ON K6D2D_R	13.199	0.070	0.070
P5Q3U 0.074	ON K6D2J_R	14.221	0.077	0.077
P5Q3U 0.070	ON K6D2T_R	15.161	0.073	0.073
P5Q3U 0.061	ON K6D2AC_R	16.887	0.063	0.063
P5Q3U 0.092	ON K6D2AK_R	19.968	0.095	0.095
P5Q3U 0.066	ON K6D2C_R	11.718	0.069	0.069
P5Q3U 0.062	ON K6D2N_R	16.902	0.064	0.064

P5Q3U 0.070	ON K6D2X_R	16.246	0.073	0.073
P5Q3U 0.542	ON P5Q3M	554.918	0.557	0.557
P5Q3U 0.511	ON P5Q3AB	438.220	0.527	0.527
P5Q3U 0.478	ON P5Q3AD	520.791	0.489	0.489
P5Q3U 0.473	ON P5Q3AF	584.024	0.482	0.482
P5Q3U 0.452	ON P5Q3AH	618.355	0.458	0.458
P5Q3U 0.506	ON P5Q3AR	528.350	0.518	0.518
P5Q3U 0.437	ON P5Q3AV	558.650	0.444	0.444
P5Q3U 0.445	ON P5Q3AX	574.447	0.451	0.451
P5Q3U 0.452	ON P5Q3BQ	480.791	0.464	0.464
P5Q3U 0.487	ON P5Q3CK	616.019	0.494	0.494
P5Q3U 0.460	ON P5Q3DB	484.742	0.471	0.471
P5Q3U 0.561	ON P5Q3E	414.046	0.578	0.578
P5Q3U 0.484	ON P5Q3A0	478.263	0.497	0.497
P5Q3U 0.499	ON P5Q3BK	525.362	0.511	0.511
P5Q3U 0.513	ON P5Q3B0	511.337	0.527	0.527
P5Q3U 0.507	ON P5Q3CU	551.352	0.518	0.518
P5Q3U 0.457	ON P5Q3DA	543.652	0.466	0.466
P5Q3U 0.496	ON P5Q3AS	486.828	0.509	0.509
P5Q3U 0.557	ON P5Q3AU	514.129	0.572	0.572
P5Q3U 0.451	ON P5Q3AZ	559.148	0.458	0.458
P5Q3U 0.470	ON P5Q3BB1	550.744	0.479	0.479
P5Q3U 0.481	ON P5Q3BB2	460.594	0.493	0.493
P5Q3U 0.558	ON P5Q3BB5	416.988	0.575	0.575
P5Q3U 0.446	ON P5Q3BB6	532.249	0.454	0.454

P5Q3U 0.512	ON P5Q3BB7	551.220	0.523	0.523
P5Q3U 0.170	ON P5Q3AA	40.017	0.170	0.170
P5Q3U 0.103	ON P5Q3C	10.504	0.105	0.105
P5Q3U 0.228	ON P5Q3V	74.953	0.228	0.228
P5Q3U -0.149	ON P5Q3CG	13.172	-0.150	-0.150
P5Q3V 0.087	ON K6D2AK_R	15.488	0.091	0.091
P5Q3V 0.464	ON P5Q3M	335.113	0.477	0.477
P5Q3V 0.430	ON P5Q3AB	267.457	0.442	0.442
P5Q3V 0.416	ON P5Q3AD	340.656	0.426	0.426
P5Q3V 0.396	ON P5Q3AF	356.620	0.404	0.404
P5Q3V 0.383	ON P5Q3AH	385.422	0.388	0.388
P5Q3V 0.450	ON P5Q3AR	369.779	0.460	0.460
P5Q3V 0.370	ON P5Q3AV	339.268	0.376	0.376
P5Q3V 0.374	ON P5Q3AX	362.579	0.379	0.379
P5Q3V 0.381	ON P5Q3BQ	281.550	0.390	0.390
P5Q3V 0.417	ON P5Q3CK	402.858	0.423	0.423
P5Q3V 0.377	ON P5Q3DB	273.148	0.386	0.386
P5Q3V 0.492	ON P5Q3E	272.722	0.507	0.507
P5Q3V 0.418	ON P5Q3A0	307.766	0.428	0.428
P5Q3V 0.429	ON P5Q3BK	341.830	0.439	0.439
P5Q3V 0.437	ON P5Q3B0	329.542	0.448	0.448
P5Q3V 0.421	ON P5Q3CU	331.350	0.430	0.430
P5Q3V 0.400	ON P5Q3DA	352.570	0.407	0.407
P5Q3V 0.413	ON P5Q3AS	300.712	0.424	0.424
P5Q3V 0.469	ON P5Q3AU	310.480	0.482	0.482

P5Q3V 0.389	ON P5Q3AZ	365.542	0.395	0.395
P5Q3V 0.395	ON P5Q3BB1	335.587	0.402	0.402
P5Q3V 0.419	ON P5Q3BB2	294.881	0.429	0.429
P5Q3V 0.492	ON P5Q3BB5	276.343	0.507	0.507
P5Q3V 0.375	ON P5Q3BB6	323.599	0.381	0.381
P5Q3V 0.434	ON P5Q3BB7	349.894	0.443	0.443
P5Q3V 0.213	ON P5Q3AA	65.787	0.213	0.213
P5Q3V 0.228	ON P5Q3U	74.967	0.228	0.228
P5Q3V -0.215	ON P5Q3BN	19.466	-0.216	-0.216
P5Q3V -0.152	ON P5Q3CF	12.890	-0.153	-0.153
P5Q3V -0.196	ON P5Q3CG	18.243	-0.197	-0.197
P5Q3V -0.186	ON P5Q3CH	11.744	-0.188	-0.188
P5Q3V -0.191	ON P5Q3CI	10.535	-0.194	-0.194
P5Q3AJ 0.108	ON K6D2AK_R	13.197	0.112	0.112
P5Q3AJ 0.080	ON K6D2X_R	10.624	0.083	0.083
P5Q3AJ 0.626	ON P5Q3M	417.081	0.643	0.643
P5Q3AJ 0.584	ON P5Q3AB	328.324	0.601	0.601
P5Q3AJ 0.575	ON P5Q3AD	442.836	0.588	0.588
P5Q3AJ 0.546	ON P5Q3AF	460.433	0.556	0.556
P5Q3AJ 0.510	ON P5Q3AH	486.245	0.517	0.517
P5Q3AJ 0.605	ON P5Q3AR	461.573	0.619	0.619
P5Q3AJ 0.511	ON P5Q3AV	440.112	0.519	0.519
P5Q3AJ 0.503	ON P5Q3AX	466.872	0.510	0.510
P5Q3AJ 0.538	ON P5Q3BQ	367.859	0.551	0.551
P5Q3AJ 0.549	ON P5Q3CK	500.579	0.556	0.556

P5Q3AJ 0.558	ON P5Q3DB	382.215	0.571	0.571
P5Q3AJ 0.716	ON P5Q3E	384.462	0.738	0.738
P5Q3AJ 0.592	ON P5Q3A0	427.003	0.606	0.606
P5Q3AJ 0.587	ON P5Q3BK	434.513	0.600	0.600
P5Q3AJ 0.588	ON P5Q3B0	392.046	0.603	0.603
P5Q3AJ 0.575	ON P5Q3CU	428.551	0.587	0.587
P5Q3AJ 0.541	ON P5Q3DA	450.606	0.551	0.551
P5Q3AJ 0.569	ON P5Q3AS	397.961	0.584	0.584
P5Q3AJ 0.647	ON P5Q3AU	417.089	0.664	0.664
P5Q3AJ 0.532	ON P5Q3AZ	464.441	0.540	0.540
P5Q3AJ 0.528	ON P5Q3BB1	422.340	0.537	0.537
P5Q3AJ 0.577	ON P5Q3BB2	384.386	0.591	0.591
P5Q3AJ 0.691	ON P5Q3BB5	373.735	0.712	0.712
P5Q3AJ 0.505	ON P5Q3BB6	413.130	0.514	0.514
P5Q3AJ 0.575	ON P5Q3BB7	443.146	0.586	0.586
P5Q3AJ 0.167	ON P5Q3AL	11.022	0.169	0.169
P5Q3BC 0.194	ON K6D2AG_R	51.937	0.202	0.202
P5Q3BC 0.235	ON K6D2AI_R	48.061	0.245	0.245
P5Q3BC 0.224	ON K6D2D_R	52.907	0.233	0.233
P5Q3BC 0.211	ON K6D2J_R	42.275	0.220	0.220
P5Q3BC 0.216	ON K6D2T_R	49.792	0.225	0.225
P5Q3BC 0.190	ON K6D2AC_R	57.792	0.198	0.198
P5Q3BC 0.256	ON K6D2AK_R	53.076	0.267	0.267
P5Q3BC 0.234	ON K6D2C_R	51.031	0.243	0.243
P5Q3BC 0.190	ON K6D2N_R	54.316	0.197	0.197

P5Q3BC 0.221	ON K6D2X_R	56.968	0.229	0.229
P5Q3BC 0.809	ON P5Q3M	628.346	0.836	0.836
P5Q3BC 0.786	ON P5Q3AB	527.662	0.813	0.813
P5Q3BC 0.744	ON P5Q3AD	674.185	0.765	0.765
P5Q3BC 0.709	ON P5Q3AF	687.079	0.726	0.726
P5Q3BC 0.656	ON P5Q3AH	737.145	0.668	0.668
P5Q3BC 0.751	ON P5Q3AR	671.377	0.773	0.773
P5Q3BC 0.660	ON P5Q3AV	690.682	0.674	0.674
P5Q3BC 0.647	ON P5Q3AX	723.751	0.659	0.659
P5Q3BC 0.736	ON P5Q3BQ	607.444	0.759	0.759
P5Q3BC 0.696	ON P5Q3CK	765.664	0.709	0.709
P5Q3BC 0.758	ON P5Q3DB	633.999	0.781	0.781
P5Q3BC 0.938	ON P5Q3E	581.988	0.972	0.972
P5Q3BC 0.760	ON P5Q3A0	647.618	0.783	0.783
P5Q3BC 0.764	ON P5Q3BK	684.919	0.785	0.785
P5Q3BC 0.772	ON P5Q3B0	648.039	0.797	0.797
P5Q3BC 0.766	ON P5Q3CU	696.751	0.786	0.786
P5Q3BC 0.683	ON P5Q3DA	711.355	0.700	0.700
P5Q3BC 0.737	ON P5Q3AS	600.869	0.761	0.761
P5Q3BC 0.842	ON P5Q3AU	665.772	0.869	0.869
P5Q3BC 0.675	ON P5Q3AZ	719.197	0.689	0.689
P5Q3BC 0.691	ON P5Q3BB1	667.107	0.708	0.708
P5Q3BC 0.754	ON P5Q3BB2	608.656	0.777	0.777
P5Q3BC 0.902	ON P5Q3BB5	578.776	0.935	0.935
P5Q3BC 0.664	ON P5Q3BB6	657.176	0.679	0.679

P5Q3BC 0.741	ON P5Q3BB7	705.138	0.760	0.760
P5Q3BN 0.140	ON K6D2AG_R	53.183	0.144	0.144
P5Q3BN 0.166	ON K6D2AI_R	46.244	0.171	0.171
P5Q3BN 0.161	ON K6D2D_R	51.810	0.166	0.166
P5Q3BN 0.166	ON K6D2J_R	48.328	0.171	0.171
P5Q3BN 0.154	ON K6D2T_R	50.868	0.158	0.158
P5Q3BN 0.137	ON K6D2AC_R	60.021	0.141	0.141
P5Q3BN 0.163	ON K6D2AK_R	44.013	0.168	0.168
P5Q3BN 0.160	ON K6D2C_R	47.415	0.164	0.164
P5Q3BN 0.138	ON K6D2N_R	58.924	0.142	0.142
P5Q3BN 0.156	ON K6D2X_R	56.440	0.160	0.160
P5Q3BN -0.067	ON K6D2B_R	10.815	-0.069	-0.069
P5Q3BN -0.084	ON K6D2O_R	11.478	-0.087	-0.087
P5Q3BN -0.068	ON K6D2AA_R	10.320	-0.070	-0.070
P5Q3BN -0.090	ON K6D2AH_R	10.029	-0.093	-0.093
P5Q3BN 0.701	ON P5Q3M	818.022	0.716	0.716
P5Q3BN 0.689	ON P5Q3AB	616.497	0.705	0.705
P5Q3BN 0.654	ON P5Q3AD	783.980	0.665	0.665
P5Q3BN 0.616	ON P5Q3AF	858.330	0.624	0.624
P5Q3BN 0.596	ON P5Q3AH	868.739	0.600	0.600
P5Q3BN 0.691	ON P5Q3AR	787.330	0.703	0.703
P5Q3BN 0.590	ON P5Q3AV	821.422	0.596	0.596
P5Q3BN 0.595	ON P5Q3AX	855.792	0.599	0.599
P5Q3BN 0.630	ON P5Q3BQ	726.643	0.642	0.642
P5Q3BN 0.637	ON P5Q3CK	912.503	0.642	0.642

P5Q3BN 0.633	ON P5Q3DB	711.795	0.645	0.645
P5Q3BN 0.808	ON P5Q3E	704.425	0.828	0.828
P5Q3BN 0.676	ON P5Q3A0	744.029	0.689	0.689
P5Q3BN 0.671	ON P5Q3BK	795.671	0.682	0.682
P5Q3BN 0.681	ON P5Q3B0	742.485	0.695	0.695
P5Q3BN 0.665	ON P5Q3CU	801.276	0.675	0.675
P5Q3BN 0.615	ON P5Q3DA	811.469	0.622	0.622
P5Q3BN 0.666	ON P5Q3AS	705.337	0.679	0.679
P5Q3BN 0.755	ON P5Q3AU	760.051	0.770	0.770
P5Q3BN 0.612	ON P5Q3AZ	854.104	0.617	0.617
P5Q3BN 0.628	ON P5Q3BB1	806.350	0.636	0.636
P5Q3BN 0.667	ON P5Q3BB2	711.126	0.680	0.680
P5Q3BN 0.798	ON P5Q3BB5	658.522	0.817	0.817
P5Q3BN 0.599	ON P5Q3BB6	792.059	0.606	0.606
P5Q3BN 0.688	ON P5Q3BB7	816.916	0.698	0.698
P5Q3BN -0.217	ON P5Q3V	19.476	-0.216	-0.216
P5Q3BN 0.137	ON P5Q3C0	14.530	0.136	0.136
P5Q3BN 0.140	ON P5Q3CW	11.352	0.141	0.141
P5Q3CF 0.130	ON K6D2AG_R	58.980	0.134	0.134
P5Q3CF 0.151	ON K6D2AI_R	51.034	0.156	0.156
P5Q3CF 0.157	ON K6D2D_R	63.860	0.162	0.162
P5Q3CF 0.160	ON K6D2J_R	60.084	0.165	0.165
P5Q3CF 0.146	ON K6D2T_R	60.592	0.151	0.151
P5Q3CF 0.129	ON K6D2AC_R	68.692	0.133	0.133
P5Q3CF 0.164	ON K6D2AK_R	57.372	0.169	0.169

P5Q3CF 0.158	ON K6D2C_R	59.474	0.163	0.163
P5Q3CF 0.130	ON K6D2N_R	66.519	0.134	0.134
P5Q3CF 0.152	ON K6D2X_R	68.419	0.156	0.156
P5Q3CF -0.068	ON K6D2B_R	13.933	-0.070	-0.070
P5Q3CF -0.083	ON K6D2F_R	17.941	-0.086	-0.086
P5Q3CF -0.101	ON K6D2G_R	11.411	-0.104	-0.104
P5Q3CF -0.085	ON K6D2I_R	12.661	-0.087	-0.087
P5Q3CF -0.079	ON K6D2K_R	13.547	-0.081	-0.081
P5Q3CF -0.074	ON K6D2L_R	13.012	-0.076	-0.076
P5Q3CF -0.074	ON K6D2M_R	12.163	-0.076	-0.076
P5Q3CF -0.075	ON K6D2O_R	11.886	-0.078	-0.078
P5Q3CF -0.057	ON K6D2S_R	13.326	-0.059	-0.059
P5Q3CF -0.083	ON K6D2V_R	15.302	-0.086	-0.086
P5Q3CF -0.067	ON K6D2W_R	11.809	-0.069	-0.069
P5Q3CF -0.069	ON K6D2Y_R	11.048	-0.071	-0.071
P5Q3CF -0.067	ON K6D2AA_R	12.324	-0.069	-0.069
P5Q3CF -0.081	ON K6D2AF_R	13.583	-0.084	-0.084
P5Q3CF -0.093	ON K6D2AH_R	14.097	-0.096	-0.096
P5Q3CF 0.702	ON P5Q3M	886.348	0.719	0.719
P5Q3CF 0.692	ON P5Q3AB	765.808	0.710	0.710
P5Q3CF 0.642	ON P5Q3AD	889.539	0.654	0.654
P5Q3CF 0.617	ON P5Q3AF	975.117	0.627	0.627
P5Q3CF 0.581	ON P5Q3AH	1034.137	0.586	0.586
P5Q3CF 0.685	ON P5Q3AR	945.992	0.698	0.698
P5Q3CF 0.583	ON P5Q3AV	979.663	0.591	0.591

P5Q3CF 0.596	ON P5Q3AX	1025.733	0.601	0.601
P5Q3CF 0.615	ON P5Q3BQ	890.177	0.628	0.628
P5Q3CF 0.642	ON P5Q3CK	1088.322	0.648	0.648
P5Q3CF 0.618	ON P5Q3DB	866.529	0.630	0.630
P5Q3CF 0.786	ON P5Q3E	765.197	0.807	0.807
P5Q3CF 0.665	ON P5Q3A0	894.668	0.679	0.679
P5Q3CF 0.669	ON P5Q3BK	968.814	0.682	0.682
P5Q3CF 0.671	ON P5Q3B0	903.907	0.685	0.685
P5Q3CF 0.671	ON P5Q3CU	974.203	0.683	0.683
P5Q3CF 0.621	ON P5Q3DA	992.607	0.630	0.630
P5Q3CF 0.662	ON P5Q3AS	869.706	0.676	0.676
P5Q3CF 0.740	ON P5Q3AU	909.947	0.756	0.756
P5Q3CF 0.615	ON P5Q3AZ	1009.612	0.622	0.622
P5Q3CF 0.626	ON P5Q3BB1	971.679	0.635	0.635
P5Q3CF 0.669	ON P5Q3BB2	867.621	0.684	0.684
P5Q3CF 0.784	ON P5Q3BB5	783.635	0.804	0.804
P5Q3CF 0.590	ON P5Q3BB6	943.376	0.598	0.598
P5Q3CF 0.684	ON P5Q3BB7	985.943	0.695	0.695
P5Q3CF -0.153	ON P5Q3V	12.896	-0.153	-0.153
P5Q3CF 0.176	ON P5Q3CG	29.167	0.176	0.176
P5Q3CF 0.149	ON P5Q3CH	12.509	0.150	0.150
P5Q3CF 0.133	ON P5Q3C0	17.068	0.132	0.132
P5Q3CG 0.142	ON K6D2AG_R	67.158	0.146	0.146
P5Q3CG 0.162	ON K6D2AI_R	55.117	0.167	0.167
P5Q3CG 0.171	ON K6D2D_R	70.549	0.176	0.176

P5Q3CG 0.163	ON K6D2J_R	58.319	0.168	0.168
P5Q3CG 0.156	ON K6D2T_R	65.009	0.161	0.161
P5Q3CG 0.139	ON K6D2AC_R	74.952	0.143	0.143
P5Q3CG 0.178	ON K6D2AK_R	63.519	0.184	0.184
P5Q3CG 0.174	ON K6D2C_R	68.278	0.180	0.180
P5Q3CG 0.141	ON K6D2N_R	74.889	0.145	0.145
P5Q3CG 0.163	ON K6D2X_R	74.254	0.167	0.167
P5Q3CG -0.076	ON K6D2B_R	16.179	-0.078	-0.078
P5Q3CG -0.085	ON K6D2F_R	17.527	-0.087	-0.087
P5Q3CG -0.114	ON K6D2G_R	13.393	-0.118	-0.118
P5Q3CG -0.078	ON K6D2I_R	10.367	-0.080	-0.080
P5Q3CG -0.081	ON K6D2K_R	13.614	-0.084	-0.084
P5Q3CG -0.085	ON K6D2L_R	16.232	-0.088	-0.088
P5Q3CG -0.080	ON K6D2M_R	13.428	-0.082	-0.082
P5Q3CG -0.085	ON K6D2O_R	14.009	-0.088	-0.088
P5Q3CG -0.067	ON K6D2S_R	16.936	-0.069	-0.069
P5Q3CG -0.088	ON K6D2V_R	15.849	-0.091	-0.091
P5Q3CG -0.072	ON K6D2W_R	12.714	-0.074	-0.074
P5Q3CG -0.081	ON K6D2Y_R	14.411	-0.084	-0.084
P5Q3CG -0.074	ON K6D2AA_R	14.330	-0.076	-0.076
P5Q3CG -0.087	ON K6D2AF_R	14.469	-0.090	-0.090
P5Q3CG -0.095	ON K6D2AH_R	13.440	-0.098	-0.098
P5Q3CG 0.788	ON P5Q3M	1154.948	0.805	0.805
P5Q3CG 0.786	ON P5Q3AB	966.899	0.804	0.804
P5Q3CG 0.745	ON P5Q3AD	1179.872	0.757	0.757

P5Q3CG 0.704	ON P5Q3AF	1252.710	0.714	0.714
P5Q3CG 0.671	ON P5Q3AH	1310.578	0.676	0.676
P5Q3CG 0.772	ON P5Q3AR	1229.703	0.785	0.785
P5Q3CG 0.658	ON P5Q3AV	1270.153	0.664	0.664
P5Q3CG 0.684	ON P5Q3AX	1334.464	0.689	0.689
P5Q3CG 0.689	ON P5Q3BQ	1098.515	0.703	0.703
P5Q3CG 0.731	ON P5Q3CK	1400.446	0.737	0.737
P5Q3CG 0.705	ON P5Q3DB	1099.262	0.718	0.718
P5Q3CG 0.898	ON P5Q3E	1043.652	0.920	0.920
P5Q3CG 0.764	ON P5Q3A0	1188.463	0.778	0.778
P5Q3CG 0.762	ON P5Q3BK	1247.884	0.775	0.775
P5Q3CG 0.751	ON P5Q3B0	1186.052	0.766	0.766
P5Q3CG 0.766	ON P5Q3CU	1257.685	0.778	0.778
P5Q3CG 0.701	ON P5Q3DA	1293.706	0.709	0.709
P5Q3CG 0.771	ON P5Q3AS	1118.653	0.786	0.786
P5Q3CG 0.884	ON P5Q3AU	1207.858	0.902	0.902
P5Q3CG 0.695	ON P5Q3AZ	1316.340	0.702	0.702
P5Q3CG 0.717	ON P5Q3BB1	1246.254	0.726	0.726
P5Q3CG 0.765	ON P5Q3BB2	1131.437	0.779	0.779
P5Q3CG 0.905	ON P5Q3BB5	1034.915	0.928	0.928
P5Q3CG 0.681	ON P5Q3BB6	1225.734	0.689	0.689
P5Q3CG 0.797	ON P5Q3BB7	1285.376	0.809	0.809
P5Q3CG -0.169	ON P5Q3AA	16.437	-0.167	-0.167
P5Q3CG -0.151	ON P5Q3U	13.170	-0.150	-0.150
P5Q3CG -0.198	ON P5Q3V	18.250	-0.197	-0.197

P5Q3CG 0.177	ON P5Q3CF	29.166	0.176	0.176
P5Q3CG 0.219	ON P5Q3CH	28.421	0.220	0.220
P5Q3CG 0.163	ON P5Q3CI	11.600	0.164	0.164
P5Q3CH 0.175	ON K6D2AG_R	70.992	0.178	0.178
P5Q3CH 0.205	ON K6D2AI_R	59.714	0.210	0.210
P5Q3CH 0.205	ON K6D2D_R	73.535	0.210	0.210
P5Q3CH 0.199	ON K6D2J_R	59.376	0.204	0.204
P5Q3CH 0.193	ON K6D2T_R	69.670	0.198	0.198
P5Q3CH 0.169	ON K6D2AC_R	77.775	0.173	0.173
P5Q3CH 0.224	ON K6D2AK_R	69.891	0.229	0.229
P5Q3CH 0.198	ON K6D2C_R	61.734	0.202	0.202
P5Q3CH 0.177	ON K6D2N_R	81.394	0.180	0.180
P5Q3CH 0.198	ON K6D2X_R	77.484	0.202	0.202
P5Q3CH -0.107	ON K6D2B_R	23.751	-0.110	-0.110
P5Q3CH -0.120	ON K6D2F_R	25.070	-0.123	-0.123
P5Q3CH -0.141	ON K6D2G_R	14.727	-0.145	-0.145
P5Q3CH -0.145	ON K6D2I_R	24.827	-0.149	-0.149
P5Q3CH -0.122	ON K6D2K_R	21.803	-0.125	-0.125
P5Q3CH -0.121	ON K6D2L_R	23.918	-0.124	-0.124
P5Q3CH -0.118	ON K6D2M_R	20.634	-0.121	-0.121
P5Q3CH -0.131	ON K6D2O_R	23.427	-0.134	-0.134
P5Q3CH -0.094	ON K6D2S_R	24.016	-0.096	-0.096
P5Q3CH -0.136	ON K6D2V_R	27.095	-0.139	-0.139
P5Q3CH -0.105	ON K6D2W_R	19.696	-0.108	-0.108
P5Q3CH -0.112	ON K6D2Y_R	19.817	-0.115	-0.115

P5Q3CH -0.111	ON K6D2AA_R	23.144	-0.113	-0.113
P5Q3CH -0.124	ON K6D2AE_R	17.030	-0.127	-0.127
P5Q3CH -0.124	ON K6D2AF_R	21.428	-0.127	-0.127
P5Q3CH -0.140	ON K6D2AH_R	20.590	-0.143	-0.143
P5Q3CH 0.844	ON P5Q3M	1031.121	0.856	0.856
P5Q3CH 0.833	ON P5Q3AB	871.514	0.847	0.847
P5Q3CH 0.790	ON P5Q3AD	1058.589	0.798	0.798
P5Q3CH 0.737	ON P5Q3AF	1114.625	0.742	0.742
P5Q3CH 0.692	ON P5Q3AH	1184.575	0.693	0.693
P5Q3CH 0.827	ON P5Q3AR	1079.199	0.836	0.836
P5Q3CH 0.690	ON P5Q3AV	1136.876	0.692	0.692
P5Q3CH 0.692	ON P5Q3AX	1176.622	0.692	0.692
P5Q3CH 0.756	ON P5Q3BQ	1001.082	0.766	0.766
P5Q3CH 0.754	ON P5Q3CK	1216.262	0.754	0.754
P5Q3CH 0.763	ON P5Q3DB	1006.248	0.772	0.772
P5Q3CH 0.974	ON P5Q3E	926.119	0.991	0.991
P5Q3CH 0.809	ON P5Q3A0	1023.017	0.818	0.818
P5Q3CH 0.798	ON P5Q3BK	1095.021	0.805	0.805
P5Q3CH 0.823	ON P5Q3B0	1014.010	0.834	0.834
P5Q3CH 0.795	ON P5Q3CU	1120.466	0.802	0.802
P5Q3CH 0.741	ON P5Q3DA	1128.172	0.745	0.745
P5Q3CH 0.820	ON P5Q3AS	1000.648	0.831	0.831
P5Q3CH 0.905	ON P5Q3AU	1057.640	0.917	0.917
P5Q3CH 0.721	ON P5Q3AZ	1154.099	0.723	0.723
P5Q3CH 0.749	ON P5Q3BB1	1117.251	0.753	0.753

P5Q3CH 0.814	ON P5Q3BB2	1007.454	0.824	0.824
P5Q3CH 0.956	ON P5Q3BB5	904.494	0.973	0.973
P5Q3CH 0.711	ON P5Q3BB6	1077.260	0.714	0.714
P5Q3CH 0.819	ON P5Q3BB7	1123.160	0.825	0.825
P5Q3CH -0.191	ON P5Q3V	11.750	-0.188	-0.188
P5Q3CH 0.151	ON P5Q3CF	12.509	0.150	0.150
P5Q3CH 0.222	ON P5Q3CG	28.422	0.220	0.220
P5Q3CH 0.223	ON P5Q3CI	17.732	0.224	0.224
P5Q3CI 0.142	ON K6D2AG_R	37.431	0.144	0.144
P5Q3CI 0.174	ON K6D2AI_R	36.436	0.178	0.178
P5Q3CI 0.173	ON K6D2D_R	41.343	0.177	0.177
P5Q3CI 0.166	ON K6D2J_R	33.248	0.170	0.170
P5Q3CI 0.166	ON K6D2T_R	40.122	0.169	0.169
P5Q3CI 0.138	ON K6D2AC_R	42.366	0.140	0.140
P5Q3CI 0.184	ON K6D2AK_R	37.147	0.188	0.188
P5Q3CI 0.170	ON K6D2C_R	36.349	0.173	0.173
P5Q3CI 0.142	ON K6D2N_R	42.203	0.144	0.144
P5Q3CI 0.170	ON K6D2X_R	47.906	0.173	0.173
P5Q3CI 0.830	ON P5Q3M	758.211	0.839	0.839
P5Q3CI 0.829	ON P5Q3AB	698.816	0.840	0.840
P5Q3CI 0.752	ON P5Q3AD	831.484	0.757	0.757
P5Q3CI 0.720	ON P5Q3AF	837.686	0.721	0.721
P5Q3CI 0.685	ON P5Q3AH	892.763	0.682	0.682
P5Q3CI 0.788	ON P5Q3AR	832.336	0.793	0.793
P5Q3CI 0.667	ON P5Q3AV	864.438	0.666	0.666

P5Q3CI 0.670	ON P5Q3AX	900.880	0.667	0.667
P5Q3CI 0.739	ON P5Q3BQ	775.864	0.745	0.745
P5Q3CI 0.725	ON P5Q3CK	926.293	0.722	0.722
P5Q3CI 0.739	ON P5Q3DB	750.030	0.745	0.745
P5Q3CI 0.932	ON P5Q3E	723.737	0.944	0.944
P5Q3CI 0.776	ON P5Q3A0	803.536	0.781	0.781
P5Q3CI 0.764	ON P5Q3BK	840.567	0.768	0.768
P5Q3CI 0.780	ON P5Q3B0	794.448	0.787	0.787
P5Q3CI 0.753	ON P5Q3CU	865.190	0.756	0.756
P5Q3CI 0.707	ON P5Q3DA	865.778	0.708	0.708
P5Q3CI 0.780	ON P5Q3AS	748.147	0.787	0.787
P5Q3CI 0.869	ON P5Q3AU	818.071	0.877	0.877
P5Q3CI 0.692	ON P5Q3AZ	882.761	0.691	0.691
P5Q3CI 0.725	ON P5Q3BB1	849.154	0.726	0.726
P5Q3CI 0.783	ON P5Q3BB2	760.054	0.789	0.789
P5Q3CI 0.916	ON P5Q3BB5	700.868	0.928	0.928
P5Q3CI 0.689	ON P5Q3BB6	824.855	0.689	0.689
P5Q3CI 0.781	ON P5Q3BB7	869.721	0.784	0.784
P5Q3CI -0.190	ON P5Q3AA	11.309	-0.187	-0.187
P5Q3CI -0.197	ON P5Q3V	10.535	-0.194	-0.194
P5Q3CI 0.166	ON P5Q3CG	11.604	0.165	0.165
P5Q3CI 0.225	ON P5Q3CH	17.736	0.224	0.224
P5Q3CN 0.104	ON K6D2AG_R	29.283	0.107	0.107
P5Q3CN 0.123	ON K6D2AI_R	25.578	0.126	0.126
P5Q3CN 0.121	ON K6D2D_R	28.855	0.124	0.124

P5Q3CN 0.120	ON K6D2J_R	25.946	0.124	0.124
P5Q3CN 0.120	ON K6D2T_R	30.319	0.123	0.123
P5Q3CN 0.100	ON K6D2AC_R	30.728	0.102	0.102
P5Q3CN 0.137	ON K6D2AK_R	30.916	0.141	0.141
P5Q3CN 0.136	ON K6D2C_R	34.617	0.140	0.140
P5Q3CN 0.102	ON K6D2N_R	31.325	0.105	0.105
P5Q3CN 0.117	ON K6D2X_R	31.293	0.120	0.120
P5Q3CN 0.598	ON P5Q3M	469.715	0.609	0.609
P5Q3CN 0.550	ON P5Q3AB	367.165	0.562	0.562
P5Q3CN 0.540	ON P5Q3AD	480.307	0.548	0.548
P5Q3CN 0.517	ON P5Q3AF	498.222	0.523	0.523
P5Q3CN 0.498	ON P5Q3AH	536.562	0.500	0.500
P5Q3CN 0.581	ON P5Q3AR	503.704	0.590	0.590
P5Q3CN 0.492	ON P5Q3AV	501.781	0.496	0.496
P5Q3CN 0.488	ON P5Q3AX	534.513	0.490	0.490
P5Q3CN 0.522	ON P5Q3BQ	448.886	0.530	0.530
P5Q3CN 0.530	ON P5Q3CK	557.427	0.532	0.532
P5Q3CN 0.528	ON P5Q3DB	456.263	0.536	0.536
P5Q3CN 0.666	ON P5Q3E	420.049	0.681	0.681
P5Q3CN 0.562	ON P5Q3A0	475.002	0.571	0.571
P5Q3CN 0.561	ON P5Q3BK	492.981	0.569	0.569
P5Q3CN 0.563	ON P5Q3B0	466.337	0.572	0.572
P5Q3CN 0.557	ON P5Q3CU	499.716	0.564	0.564
P5Q3CN 0.518	ON P5Q3DA	527.293	0.523	0.523
P5Q3CN 0.552	ON P5Q3AS	444.327	0.562	0.562

P5Q3CN 0.624	ON P5Q3AU	478.977	0.635	0.635
P5Q3CN 0.511	ON P5Q3AZ	522.766	0.514	0.514
P5Q3CN 0.525	ON P5Q3BB1	503.077	0.530	0.530
P5Q3CN 0.553	ON P5Q3BB2	448.296	0.562	0.562
P5Q3CN 0.642	ON P5Q3BB5	407.834	0.656	0.656
P5Q3CN 0.494	ON P5Q3BB6	487.983	0.498	0.498
P5Q3CN 0.574	ON P5Q3BB7	519.097	0.581	0.581
P5Q3C0 0.114	ON K6D2AG_R	45.155	0.118	0.118
P5Q3C0 0.133	ON K6D2AI_R	38.543	0.138	0.138
P5Q3C0 0.135	ON K6D2D_R	46.397	0.140	0.140
P5Q3C0 0.135	ON K6D2J_R	42.325	0.141	0.141
P5Q3C0 0.119	ON K6D2T_R	39.900	0.124	0.124
P5Q3C0 0.113	ON K6D2AC_R	52.216	0.117	0.117
P5Q3C0 0.155	ON K6D2AK_R	50.324	0.161	0.161
P5Q3C0 0.137	ON K6D2C_R	44.202	0.143	0.143
P5Q3C0 0.111	ON K6D2N_R	48.648	0.115	0.115
P5Q3C0 0.129	ON K6D2X_R	49.119	0.133	0.133
P5Q3C0 -0.063	ON K6D2B_R	12.054	-0.066	-0.066
P5Q3C0 -0.075	ON K6D2F_R	14.368	-0.077	-0.077
P5Q3C0 -0.102	ON K6D2G_R	11.682	-0.107	-0.107
P5Q3C0 -0.089	ON K6D2I_R	14.280	-0.092	-0.092
P5Q3C0 -0.077	ON K6D2K_R	12.826	-0.080	-0.080
P5Q3C0 -0.068	ON K6D2L_R	10.963	-0.071	-0.071
P5Q3C0 -0.071	ON K6D2M_R	11.583	-0.074	-0.074
P5Q3C0 -0.080	ON K6D2O_R	13.172	-0.083	-0.083

P5Q3C0 -0.055	ON K6D2S_R	11.950	-0.057	-0.057
P5Q3C0 -0.084	ON K6D2V_R	15.207	-0.087	-0.087
P5Q3C0 -0.068	ON K6D2W_R	12.128	-0.070	-0.070
P5Q3C0 -0.066	ON K6D2Y_R	10.021	-0.069	-0.069
P5Q3C0 -0.082	ON K6D2AE_R	11.590	-0.086	-0.086
P5Q3C0 -0.074	ON K6D2AF_R	11.193	-0.077	-0.077
P5Q3C0 -0.088	ON K6D2AH_R	12.161	-0.091	-0.091
P5Q3C0 0.630	ON P5Q3M	717.773	0.649	0.649
P5Q3C0 0.601	ON P5Q3AB	561.189	0.620	0.620
P5Q3C0 0.575	ON P5Q3AD	677.938	0.589	0.589
P5Q3C0 0.558	ON P5Q3AF	782.240	0.570	0.570
P5Q3C0 0.537	ON P5Q3AH	815.124	0.546	0.546
P5Q3C0 0.615	ON P5Q3AR	728.439	0.631	0.631
P5Q3C0 0.524	ON P5Q3AV	759.164	0.533	0.533
P5Q3C0 0.533	ON P5Q3AX	782.624	0.541	0.541
P5Q3C0 0.549	ON P5Q3BQ	678.883	0.564	0.564
P5Q3C0 0.567	ON P5Q3CK	838.554	0.576	0.576
P5Q3C0 0.554	ON P5Q3DB	652.831	0.569	0.569
P5Q3C0 0.696	ON P5Q3E	587.308	0.719	0.719
P5Q3C0 0.597	ON P5Q3A0	677.715	0.612	0.612
P5Q3C0 0.609	ON P5Q3BK	732.866	0.624	0.624
P5Q3C0 0.599	ON P5Q3B0	675.074	0.616	0.616
P5Q3C0 0.598	ON P5Q3CU	738.604	0.612	0.612
P5Q3C0 0.552	ON P5Q3DA	756.822	0.564	0.564
P5Q3C0 0.593	ON P5Q3AS	651.993	0.610	0.610

P5Q3C0 0.676	ON P5Q3AU	709.480	0.695	0.695
P5Q3C0 0.551	ON P5Q3AZ	766.756	0.560	0.560
P5Q3C0 0.561	ON P5Q3BB1	740.696	0.572	0.572
P5Q3C0 0.591	ON P5Q3BB2	647.223	0.607	0.607
P5Q3C0 0.698	ON P5Q3BB5	592.722	0.721	0.721
P5Q3C0 0.531	ON P5Q3BB6	726.812	0.541	0.541
P5Q3C0 0.619	ON P5Q3BB7	754.976	0.632	0.632
P5Q3C0 0.135	ON P5Q3BN	14.532	0.136	0.136
P5Q3C0 0.131	ON P5Q3CF	17.068	0.132	0.132
P5Q3CQ 0.148	ON K6D2AG_R	29.864	0.155	0.155
P5Q3CQ 0.183	ON K6D2AI_R	28.573	0.192	0.192
P5Q3CQ 0.181	ON K6D2D_R	32.706	0.190	0.190
P5Q3CQ 0.176	ON K6D2J_R	27.013	0.185	0.185
P5Q3CQ 0.172	ON K6D2T_R	31.851	0.180	0.180
P5Q3CQ 0.151	ON K6D2AC_R	35.272	0.158	0.158
P5Q3CQ 0.208	ON K6D2AK_R	34.751	0.218	0.218
P5Q3CQ 0.185	ON K6D2C_R	30.120	0.194	0.194
P5Q3CQ 0.153	ON K6D2N_R	33.642	0.159	0.159
P5Q3CQ 0.179	ON K6D2X_R	36.629	0.187	0.187
P5Q3CQ 0.806	ON P5Q3M	549.041	0.837	0.837
P5Q3CQ 0.785	ON P5Q3AB	477.757	0.817	0.817
P5Q3CQ 0.720	ON P5Q3AD	583.738	0.744	0.744
P5Q3CQ 0.680	ON P5Q3AF	608.898	0.701	0.701
P5Q3CQ 0.639	ON P5Q3AH	642.271	0.654	0.654
P5Q3CQ 0.755	ON P5Q3AR	583.773	0.781	0.781

P5Q3CQ 0.650	ON P5Q3AV	596.459	0.668	0.668
P5Q3CQ 0.634	ON P5Q3AX	630.934	0.649	0.649
P5Q3CQ 0.694	ON P5Q3BQ	513.287	0.720	0.720
P5Q3CQ 0.672	ON P5Q3CK	668.139	0.688	0.688
P5Q3CQ 0.722	ON P5Q3DB	540.693	0.748	0.748
P5Q3CQ 0.941	ON P5Q3E	526.569	0.981	0.981
P5Q3CQ 0.755	ON P5Q3A0	555.450	0.782	0.782
P5Q3CQ 0.742	ON P5Q3BK	594.595	0.767	0.767
P5Q3CQ 0.738	ON P5Q3B0	550.645	0.766	0.766
P5Q3CQ 0.735	ON P5Q3CU	604.152	0.759	0.759
P5Q3CQ 0.671	ON P5Q3DA	603.085	0.691	0.691
P5Q3CQ 0.729	ON P5Q3AS	521.274	0.757	0.757
P5Q3CQ 0.845	ON P5Q3AU	574.988	0.876	0.876
P5Q3CQ 0.658	ON P5Q3AZ	618.779	0.676	0.676
P5Q3CQ 0.673	ON P5Q3BB1	576.262	0.693	0.693
P5Q3CQ 0.736	ON P5Q3BB2	524.414	0.762	0.762
P5Q3CQ 0.888	ON P5Q3BB5	488.829	0.925	0.925
P5Q3CQ 0.663	ON P5Q3BB6	588.016	0.682	0.682
P5Q3CQ 0.736	ON P5Q3BB7	602.215	0.759	0.759
P5Q3CW 0.090	ON K6D2AG_R	24.138	0.092	0.092
P5Q3CW 0.097	ON K6D2AI_R	17.607	0.099	0.099
P5Q3CW 0.102	ON K6D2D_R	23.026	0.105	0.105
P5Q3CW 0.097	ON K6D2J_R	18.574	0.099	0.099
P5Q3CW 0.096	ON K6D2T_R	21.600	0.098	0.098
P5Q3CW 0.081	ON K6D2AC_R	22.614	0.082	0.082

P5Q3CW 0.116	ON K6D2AK_R	24.319	0.119	0.119
P5Q3CW 0.098	ON K6D2C_R	19.281	0.101	0.101
P5Q3CW 0.084	ON K6D2N_R	23.314	0.086	0.086
P5Q3CW 0.094	ON K6D2X_R	22.277	0.096	0.096
P5Q3CW 0.619	ON P5Q3M	553.529	0.629	0.629
P5Q3CW 0.592	ON P5Q3AB	462.844	0.603	0.603
P5Q3CW 0.572	ON P5Q3AD	575.070	0.579	0.579
P5Q3CW 0.551	ON P5Q3AF	608.003	0.555	0.555
P5Q3CW 0.525	ON P5Q3AH	652.530	0.526	0.526
P5Q3CW 0.603	ON P5Q3AR	611.177	0.611	0.611
P5Q3CW 0.519	ON P5Q3AV	620.111	0.521	0.521
P5Q3CW 0.527	ON P5Q3AX	652.289	0.528	0.528
P5Q3CW 0.543	ON P5Q3BQ	534.354	0.550	0.550
P5Q3CW 0.572	ON P5Q3CK	683.226	0.573	0.573
P5Q3CW 0.550	ON P5Q3DB	535.440	0.557	0.557
P5Q3CW 0.694	ON P5Q3E	494.501	0.707	0.707
P5Q3CW 0.589	ON P5Q3A0	560.853	0.597	0.597
P5Q3CW 0.592	ON P5Q3BK	584.212	0.599	0.599
P5Q3CW 0.586	ON P5Q3B0	540.869	0.595	0.595
P5Q3CW 0.587	ON P5Q3CU	623.939	0.593	0.593
P5Q3CW 0.542	ON P5Q3DA	609.524	0.546	0.546
P5Q3CW 0.585	ON P5Q3AS	540.777	0.594	0.594
P5Q3CW 0.674	ON P5Q3AU	589.739	0.684	0.684
P5Q3CW 0.541	ON P5Q3AZ	657.261	0.543	0.543
P5Q3CW 0.557	ON P5Q3BB1	608.058	0.560	0.560

P5Q3CW 0.583	ON P5Q3BB2	535.135	0.590	0.590
P5Q3CW 0.700	ON P5Q3BB5	506.257	0.713	0.713
P5Q3CW 0.524	ON P5Q3BB6	597.443	0.527	0.527
P5Q3CW 0.603	ON P5Q3BB7	618.834	0.609	0.609
P5Q3CW 0.141	ON P5Q3BN	11.352	0.141	0.141

WITH Statements

INCBCL 0.053	WITH EXTERN	35.846	0.053	0.053
INCBCL -0.102	WITH PAF	159.376	-0.102	-0.102
EXCBCL 0.094	WITH INTERNAL	178.360	0.094	0.094
EXCBCL -0.049	WITH PAF	58.354	-0.049	-0.049
EXCBCL 0.714	WITH INCBCL	18033.859	0.714	0.714
K6D2AG_R 0.156	WITH INTERNAL	15.016	0.100	0.100
K6D2AG_R -0.097	WITH EXTERN	10.314	-0.062	-0.062
K6D2AI_R 0.132	WITH INTERNAL	16.901	0.108	0.108
K6D2AI_R 0.084	WITH PAF	14.705	0.068	0.068
K6D2AI_R 0.199	WITH K6D2AG_R	14.076	0.104	0.104
K6D2D_R 0.165	WITH INTERNAL	22.203	0.126	0.126
K6D2D_R 0.136	WITH PAF	32.345	0.104	0.104
K6D2D_R 0.083	WITH EXCBCL	18.608	0.064	0.064
K6D2J_R 0.097	WITH PAF	21.443	0.079	0.079
K6D2J_R 0.058	WITH EXCBCL	11.233	0.047	0.047
K6D2T_R 0.187	WITH INTERNAL	25.256	0.137	0.137
K6D2T_R 0.129	WITH PAF	25.590	0.094	0.094
K6D2T_R 0.352	WITH K6D2AG_R	39.241	0.166	0.166
K6D2T_R	WITH K6D2D_R	28.225	0.155	0.155

0.275			
K6D2AC_R WITH INTERNAL	27.722	-0.141	-0.141
-0.277			
K6D2AC_R WITH PAF	55.800	-0.131	-0.131
-0.259			
K6D2AC_R WITH EXCBCL	27.085	0.081	0.081
0.159			
K6D2AK_R WITH INTERNAL	16.865	-0.108	-0.108
-0.129			
K6D2AK_R WITH EXTERN	179.228	0.237	0.237
0.284			
K6D2AK_R WITH PAF	44.222	0.120	0.120
0.144			
K6D2AK_R WITH EXCBCL	137.509	0.164	0.164
0.196			
K6D2C_R WITH EXTERN	18.061	0.077	0.077
0.095			
K6D2C_R WITH PAF	15.422	0.068	0.068
0.085			
K6D2C_R WITH EXCBCL	23.734	0.068	0.068
0.085			
K6D2C_R WITH K6D2D_R	19.103	0.126	0.126
0.205			
K6D2C_R WITH K6D2J_R	11.740	0.094	0.094
0.144			
K6D2N_R WITH EXTERN	34.759	-0.117	-0.117
-0.210			
K6D2N_R WITH PAF	52.027	-0.122	-0.122
-0.219			
K6D2N_R WITH EXCBCL	19.304	0.066	0.066
0.119			
K6D2X_R WITH INTERNAL	46.741	-0.200	-0.200
-0.304			
K6D2X_R WITH PAF	89.111	-0.179	-0.179
-0.272			
K6D2X_R WITH EXCBCL	14.115	0.068	0.068
0.103			
K6D2A_R WITH INTERNAL	26.457	0.092	0.092
0.106			
K6D2A_R WITH INCBCL	13.482	0.063	0.063
0.073			
K6D2A_R WITH K6D2D_R	12.569	0.118	0.118
0.178			
K6D2A_R WITH K6D2AK_R	16.988	0.133	0.133
0.183			
K6D2A_R WITH K6D2C_R	26.570	0.152	0.152
0.218			
K6D2P_R WITH INTERNAL	20.632	0.081	0.081
0.114			
K6D2P_R WITH EXTERN	14.829	-0.124	-0.124

-0.174				
K6D2P_R	WITH INCBCL	16.411	0.069	0.069
0.098				
K6D2P_R	WITH K6D2AK_R	31.628	0.168	0.168
0.283				
K6D2R_R	WITH INTERNAL	136.290	0.202	0.202
0.240				
K6D2R_R	WITH EXTERN	57.447	-0.236	-0.236
-0.281				
K6D2R_R	WITH INCBCL	15.494	0.067	0.067
0.080				
K6D2R_R	WITH EXCBCL	27.980	-0.079	-0.079
-0.094				
K6D2R_R	WITH K6D2AG_R	10.121	0.103	0.103
0.190				
K6D2R_R	WITH K6D2AI_R	13.798	0.121	0.121
0.177				
K6D2R_R	WITH K6D2D_R	16.782	0.136	0.136
0.211				
K6D2R_R	WITH K6D2J_R	14.652	0.111	0.111
0.162				
K6D2R_R	WITH K6D2T_R	24.159	0.164	0.164
0.266				
K6D2R_R	WITH K6D2AK_R	33.559	0.176	0.176
0.250				
K6D2R_R	WITH K6D2C_R	37.292	0.176	0.176
0.261				
K6D2R_R	WITH K6D2A_R	10.817	0.092	0.092
0.126				
K6D2R_R	WITH K6D2P_R	10.837	0.087	0.087
0.145				
K6D2Z_R	WITH INTERNAL	23.599	0.086	0.086
0.106				
K6D2Z_R	WITH PAF	41.507	0.104	0.104
0.127				
K6D2Z_R	WITH INCBCL	21.880	0.082	0.082
0.100				
K6D2Z_R	WITH K6D2AK_R	26.364	0.158	0.158
0.231				
K6D2Z_R	WITH K6D2C_R	19.457	0.133	0.133
0.203				
K6D2Z_R	WITH K6D2A_R	20.286	0.120	0.120
0.170				
K6D2Z_R	WITH K6D2P_R	23.389	0.123	0.123
0.212				
K6D2Z_R	WITH K6D2R_R	34.577	0.149	0.149
0.218				
K6D2AB_R	WITH INTERNAL	25.295	0.089	0.089
0.110				
K6D2AB_R	WITH PAF	12.077	0.055	0.055

0.068			
K6D2AB_R WITH K6D2AK_R	30.954	0.169	0.169
0.249			
K6D2AB_R WITH K6D2P_R	16.253	0.105	0.105
0.183			
K6D2AB_R WITH K6D2Z_R	14.691	0.103	0.103
0.155			
K6D2AJ_R WITH INTERNAL	27.753	0.096	0.096
0.142			
K6D2AJ_R WITH EXTERN	49.945	-0.233	-0.233
-0.343			
K6D2AJ_R WITH PAF	12.167	-0.058	-0.058
-0.085			
K6D2AJ_R WITH INCBCL	24.736	0.088	0.088
0.130			
K6D2AJ_R WITH K6D2AK_R	112.871	0.289	0.289
0.509			
K6D2AJ_R WITH K6D2P_R	14.312	0.098	0.098
0.203			
K6D2AJ_R WITH K6D2AB_R	16.918	0.112	0.112
0.203			
K6D61C WITH INTERNAL	82.328	-0.279	-0.279
-0.548			
K6D61C WITH EXTERN	56.201	0.388	0.388
0.762			
K6D61C WITH K6D2J_R	13.441	-0.212	-0.212
-0.514			
K6D61C WITH K6D2T_R	12.136	-0.221	-0.221
-0.591			
K6D61C WITH K6D2N_R	11.144	-0.201	-0.201
-0.712			
K6D61C WITH K6D2A_R	17.831	-0.254	-0.254
-0.576			
K6D61C WITH K6D2P_R	52.895	-0.422	-0.422
-1.169			
K6D61C WITH K6D2R_R	35.863	-0.368	-0.368
-0.862			
K6D61C WITH K6D2Z_R	31.772	-0.361	-0.361
-0.869			
K6D61C WITH K6D2AB_R	36.788	-0.352	-0.352
-0.853			
K6D61C WITH K6D2AJ_R	49.570	-0.395	-0.395
-1.146			
K6D61D WITH INTERNAL	45.904	-0.151	-0.151
-0.195			
K6D61D WITH EXTERN	37.950	0.238	0.238
0.306			
K6D61D WITH PAF	20.821	0.088	0.088
0.114			
K6D61D WITH EXCBCL	11.686	0.060	0.060

0.077				
K6D61D	WITH K6D2AG_R	11.628	-0.147	-0.147
-0.295				
K6D61D	WITH K6D2N_R	10.921	-0.144	-0.144
-0.333				
K6D61D	WITH K6D2P_R	20.767	-0.180	-0.180
-0.326				
K6D61D	WITH K6D2R_R	27.090	-0.215	-0.215
-0.330				
K6D61D	WITH K6D2Z_R	10.787	-0.137	-0.137
-0.216				
K6D61E	WITH INTERNAL	45.976	-0.191	-0.191
-0.245				
K6D61E	WITH EXTERN	19.430	0.214	0.214
0.274				
K6D61E	WITH EXCBCL	34.215	0.128	0.128
0.164				
K6D61E	WITH K6D2AG_R	11.670	-0.190	-0.190
-0.378				
K6D61E	WITH K6D2N_R	10.891	-0.189	-0.189
-0.435				
K6D61E	WITH K6D2P_R	11.277	-0.172	-0.172
-0.310				
K6D61E	WITH K6D2R_R	38.500	-0.331	-0.331
-0.504				
K6D61E	WITH K6D61D	269.517	0.521	0.521
0.859				
K6D61K	WITH INTERNAL	108.688	-0.315	-0.315
-0.599				
K6D61K	WITH EXTERN	72.075	0.429	0.429
0.815				
K6D61K	WITH K6D2AG_R	12.296	-0.211	-0.211
-0.623				
K6D61K	WITH K6D2J_R	11.803	-0.194	-0.194
-0.452				
K6D61K	WITH K6D2T_R	17.492	-0.255	-0.255
-0.659				
K6D61K	WITH K6D2N_R	14.344	-0.226	-0.226
-0.772				
K6D61K	WITH K6D2A_R	20.015	-0.257	-0.257
-0.563				
K6D61K	WITH K6D2P_R	53.044	-0.401	-0.401
-1.071				
K6D61K	WITH K6D2R_R	40.504	-0.387	-0.387
-0.876				
K6D61K	WITH K6D2Z_R	35.043	-0.384	-0.384
-0.894				
K6D61K	WITH K6D2AB_R	35.692	-0.340	-0.340
-0.794				
K6D61K	WITH K6D2AJ_R	49.527	-0.394	-0.394

-1.102				
K6D61K	WITH K6D61C	492.277	0.710	0.710
2.649				
K6D61L	WITH INTERNAL	38.962	-0.164	-0.164
-0.197				
K6D61L	WITH EXTERN	38.097	0.279	0.279
0.336				
K6D61L	WITH PAF	18.607	0.098	0.098
0.118				
K6D61L	WITH K6D2T_R	16.365	-0.216	-0.216
-0.353				
K6D61L	WITH K6D2R_R	16.624	-0.203	-0.203
-0.290				
K6D61L	WITH K6D2Z_R	10.141	-0.157	-0.157
-0.231				
K6D61L	WITH K6D61D	164.949	0.435	0.435
0.673				
K6D61L	WITH K6D61E	40.348	0.303	0.303
0.467				
K6D61M	WITH PAF	47.144	-0.128	-0.128
-0.144				
K6D40_R	WITH PAF	14.959	-0.112	-0.112
-0.143				
K6D40_R	WITH INCBCL	13.873	0.119	0.119
0.152				
K6D40_R	WITH EXCBCL	39.233	0.164	0.164
0.210				
K6D40_R	WITH K6D2A_R	14.918	-0.252	-0.252
-0.371				
K6D40_R	WITH K6D2P_R	13.896	-0.238	-0.238
-0.427				
K6D40_R	WITH K6D2R_R	17.001	-0.265	-0.265
-0.403				
K6D40_R	WITH K6D2Z_R	15.540	-0.283	-0.283
-0.443				
K6D40_R	WITH K6D2AB_R	10.901	-0.209	-0.209
-0.329				
K6D40_R	WITH K6D2AJ_R	13.266	-0.223	-0.223
-0.420				
K6D48_R	WITH EXCBCL	12.786	-0.075	-0.075
-0.090				
K6D48_R	WITH K6D2A_R	13.012	-0.176	-0.176
-0.243				
K6D48_R	WITH K6D2P_R	13.390	-0.172	-0.172
-0.291				
K6D48_R	WITH K6D2R_R	20.829	-0.225	-0.225
-0.321				
K6D48_R	WITH K6D2Z_R	21.714	-0.233	-0.233
-0.342				
K6D48_R	WITH K6D2AJ_R	16.585	-0.195	-0.195

-0.345				
K6D48_R	WITH K6D40_R	32.899	0.327	0.327
0.502				
K6F63_R	WITH INTERNAL	22.498	-0.115	-0.115
-0.141				
K6F63_R	WITH K6D2A_R	15.861	-0.182	-0.182
-0.257				
K6F63_R	WITH K6D2P_R	21.854	-0.205	-0.205
-0.354				
K6F63_R	WITH K6D2R_R	25.677	-0.232	-0.232
-0.338				
K6F63_R	WITH K6D2Z_R	18.356	-0.200	-0.200
-0.300				
K6F63_R	WITH K6D2AB_R	11.587	-0.149	-0.149
-0.224				
K6F63_R	WITH K6D2AJ_R	18.266	-0.194	-0.194
-0.350				
K6F63_R	WITH K6D40_R	56.847	0.385	0.385
0.602				
K6F63_R	WITH K6D48_R	150.172	0.457	0.457
0.672				
K6F68_R	WITH K6D48_R	13.081	0.315	0.315
0.496				
K6F74_R	WITH K6D2P_R	10.024	-0.293	-0.293
-0.528				
K6F74_R	WITH K6D40_R	11.022	0.288	0.288
0.470				
K6F74_R	WITH K6D48_R	18.692	0.340	0.340
0.522				
K6F74_R	WITH K6F68_R	31.980	0.455	0.455
0.765				
K6D2B_R	WITH INTERNAL	77.123	-0.168	-0.168
-0.257				
K6D2B_R	WITH PAF	75.695	-0.262	-0.262
-0.399				
K6D2B_R	WITH INCBCL	24.343	-0.104	-0.104
-0.159				
K6D2B_R	WITH K6D2AC_R	23.384	-0.159	-0.159
-0.479				
K6D2B_R	WITH K6D2N_R	20.464	-0.145	-0.145
-0.398				
K6D2B_R	WITH K6D2X_R	65.978	-0.258	-0.258
-0.598				
K6D2F_R	WITH INCBCL	30.545	-0.102	-0.102
-0.136				
K6D2F_R	WITH EXCBCL	12.717	-0.053	-0.053
-0.070				
K6D2G_R	WITH INTERNAL	10.728	0.081	0.081
0.089				
K6D2G_R	WITH PAF	10.466	0.123	0.123

0.135				
K6D2G_R	WITH K6D2F_R	10.288	0.129	0.129
0.187				
K6D2I_R	WITH INTERNAL	55.899	0.144	0.144
0.167				
K6D2I_R	WITH EXTERN	60.501	-0.136	-0.136
-0.158				
K6D2I_R	WITH PAF	12.386	0.104	0.104
0.120				
K6D2I_R	WITH EXCBCL	25.198	-0.072	-0.072
-0.083				
K6D2I_R	WITH K6D2J_R	12.969	0.121	0.121
0.172				
K6D2I_R	WITH K6D2C_R	14.294	0.132	0.132
0.190				
K6D2I_R	WITH K6D2P_R	10.590	-0.105	-0.105
-0.172				
K6D2I_R	WITH K6D2AJ_R	28.193	-0.171	-0.171
-0.293				
K6D2I_R	WITH K6D61M	20.208	-0.179	-0.179
-0.233				
K6D2K_R	WITH INTERNAL	30.413	0.106	0.106
0.130				
K6D2K_R	WITH PAF	27.929	0.156	0.156
0.192				
K6D2K_R	WITH INCBCL	15.456	-0.072	-0.072
-0.089				
K6D2K_R	WITH K6D2J_R	11.692	0.118	0.118
0.179				
K6D2K_R	WITH K6D2C_R	13.789	0.132	0.132
0.202				
K6D2K_R	WITH K6D61D	12.584	0.148	0.148
0.235				
K6D2K_R	WITH K6D61L	12.295	0.175	0.175
0.259				
K6D2K_R	WITH K6D2B_R	11.717	-0.133	-0.133
-0.251				
K6D2K_R	WITH K6D2I_R	38.884	0.179	0.179
0.256				
K6D2L_R	WITH K6D2X_R	11.086	-0.157	-0.157
-0.335				
K6D2M_R	WITH INTERNAL	47.702	0.134	0.134
0.168				
K6D2M_R	WITH PAF	29.102	0.162	0.162
0.202				
K6D2M_R	WITH K6D2AI_R	10.372	0.120	0.120
0.184				
K6D2M_R	WITH K6D2C_R	12.546	0.128	0.128
0.199				
K6D2M_R	WITH K6D2B_R	14.117	-0.149	-0.149

-0.285				
K6D2M_R	WITH K6D2I_R	43.261	0.190	0.190
0.275				
K6D2M_R	WITH K6D2K_R	235.328	0.356	0.356
0.548				
K6D20_R	WITH INCBCL	13.796	-0.072	-0.072
-0.088				
K6D20_R	WITH K6D2X_R	11.319	-0.134	-0.134
-0.249				
K6D2S_R	WITH INTERNAL	108.134	-0.186	-0.186
-0.383				
K6D2S_R	WITH PAF	107.140	-0.292	-0.292
-0.602				
K6D2S_R	WITH INCBCL	14.921	-0.077	-0.077
-0.158				
K6D2S_R	WITH K6D2AC_R	62.989	-0.215	-0.215
-0.873				
K6D2S_R	WITH K6D2N_R	51.391	-0.195	-0.195
-0.723				
K6D2S_R	WITH K6D2X_R	21.348	-0.144	-0.144
-0.450				
K6D2S_R	WITH K6D2K_R	24.770	-0.182	-0.182
-0.462				
K6D2S_R	WITH K6D2M_R	28.186	-0.195	-0.195
-0.503				
K6D2V_R	WITH INTERNAL	20.794	0.093	0.093
0.116				
K6D2V_R	WITH EXTERN	14.755	-0.075	-0.075
-0.093				
K6D2V_R	WITH INCBCL	18.219	-0.083	-0.083
-0.104				
K6D2V_R	WITH EXCBCL	26.584	-0.080	-0.080
-0.099				
K6D2V_R	WITH K6D2P_R	13.483	-0.128	-0.128
-0.226				
K6D2V_R	WITH K6D2AJ_R	10.297	-0.117	-0.117
-0.215				
K6D2V_R	WITH K6D2B_R	10.664	-0.136	-0.136
-0.259				
K6D2V_R	WITH K6D2I_R	48.333	0.205	0.205
0.296				
K6D2V_R	WITH K6D2K_R	20.264	0.141	0.141
0.216				
K6D2V_R	WITH K6D2M_R	19.784	0.137	0.137
0.214				
K6D2V_R	WITH K6D2S_R	19.593	-0.163	-0.163
-0.418				
K6D2Y_R	WITH K6D2L_R	11.082	0.136	0.136
0.249				
K6D2AA_R	WITH EXTERN	15.250	0.079	0.079

0.111			
K6D2AA_R WITH INCBCL	19.747	-0.087	-0.087
-0.123			
K6D2AA_R WITH K6D2K_R	10.104	-0.115	-0.115
-0.198			
K6D2AA_R WITH K6D2M_R	10.453	-0.118	-0.118
-0.207			
K6D2AE_R WITH INTERNAL	37.497	0.113	0.113
0.129			
K6D2AE_R WITH EXTERN	42.816	0.115	0.115
0.132			
K6D2AE_R WITH PAF	73.695	0.243	0.243
0.278			
K6D2AE_R WITH K6D2Z_R	20.703	0.142	0.142
0.199			
K6D2AE_R WITH K6D2AB_R	18.692	0.138	0.138
0.194			
K6D2AE_R WITH K6D2W_R	24.847	0.142	0.142
0.217			
K6D2AF_R WITH PAF	10.412	0.114	0.114
0.144			
K6D2AF_R WITH K6D2G_R	16.408	0.184	0.184
0.255			
K6D2AF_R WITH K6D2Y_R	32.159	0.204	0.204
0.335			
P5Q3M WITH EXCBCL	1467.658	0.545	0.545
0.634			
P5Q3AB WITH EXCBCL	468.814	0.301	0.301
0.337			
P5Q3AD WITH EXCBCL	753.126	0.432	0.432
0.544			
P5Q3AF WITH EXTERN	13.273	0.099	0.099
0.134			
P5Q3AF WITH PAF	14.666	-0.095	-0.095
-0.128			
P5Q3AF WITH EXCBCL	1281.463	0.563	0.563
0.758			
P5Q3AH WITH PAF	10.014	-0.098	-0.098
-0.153			
P5Q3AH WITH EXCBCL	1268.423	0.634	0.634
0.994			
P5Q3AH WITH P5Q3AF	25.163	0.248	0.248
0.523			
P5Q3AR WITH EXCBCL	833.209	0.480	0.480
0.598			
P5Q3AV WITH EXCBCL	955.655	0.493	0.493
0.714			
P5Q3AV WITH P5Q3AB	14.391	0.180	0.180
0.293			
P5Q3AX WITH EXCBCL	731.264	0.511	0.511

0.810				
P5Q3BQ	WITH PAF	27.310	-0.097	-0.097
-0.117				
P5Q3BQ	WITH EXCBCL	924.902	0.403	0.403
0.486				
P5Q3CK	WITH EXCBCL	939.331	0.699	0.699
1.087				
P5Q3DB	WITH EXCBCL	677.642	0.363	0.363
0.442				
P5Q3DB	WITH P5Q3BQ	14.119	0.143	0.143
0.210				
P5Q3E	WITH EXCBCL	471.550	0.350	0.350
0.387				
P5Q3E	WITH P5Q3DB	15.010	-0.210	-0.210
-0.282				
P5Q3A0	WITH PAF	23.354	-0.108	-0.108
-0.133				
P5Q3A0	WITH EXCBCL	628.333	0.393	0.393
0.480				
P5Q3BK	WITH EXCBCL	827.386	0.478	0.478
0.604				
P5Q3B0	WITH EXTERN	33.711	0.137	0.137
0.163				
P5Q3B0	WITH PAF	24.026	-0.105	-0.105
-0.125				
P5Q3B0	WITH EXCBCL	1119.345	0.484	0.484
0.576				
P5Q3B0	WITH P5Q3BK	16.097	0.202	0.202
0.304				
P5Q3CU	WITH EXCBCL	565.788	0.432	0.432
0.560				
P5Q3DA	WITH EXTERN	14.978	0.112	0.112
0.156				
P5Q3DA	WITH PAF	14.060	-0.100	-0.100
-0.139				
P5Q3DA	WITH EXCBCL	877.857	0.501	0.501
0.696				
P5Q3DA	WITH P5Q3A0	31.014	0.268	0.268
0.455				
P5Q3AS	WITH PAF	19.647	-0.093	-0.093
-0.110				
P5Q3AS	WITH EXCBCL	784.395	0.400	0.400
0.474				
P5Q3AU	WITH EXCBCL	329.890	0.342	0.342
0.407				
P5Q3AZ	WITH EXCBCL	770.075	0.513	0.513
0.762				
P5Q3AZ	WITH P5Q3CU	15.452	0.220	0.220
0.423				
P5Q3BB1	WITH EXCBCL	435.587	0.375	0.375

0.517				
P5Q3BB2	WITH EXCBCL	336.212	0.289	0.289
0.350				
P5Q3BB2	WITH P5Q3AH	10.188	-0.225	-0.225
-0.425				
P5Q3BB2	WITH P5Q3BB1	57.486	0.325	0.325
0.542				
P5Q3BB5	WITH EXCBCL	231.821	0.257	0.257
0.285				
P5Q3BB6	WITH PAF	12.369	-0.085	-0.085
-0.120				
P5Q3BB6	WITH EXCBCL	433.963	0.349	0.349
0.492				
P5Q3BB6	WITH P5Q3BB1	32.623	0.255	0.255
0.496				
P5Q3BB6	WITH P5Q3BB2	46.870	0.287	0.287
0.489				
P5Q3BB6	WITH P5Q3BB5	12.679	0.191	0.191
0.299				
P5Q3BB7	WITH EXCBCL	315.857	0.362	0.362
0.478				
P5Q3BB7	WITH P5Q3BB2	10.607	0.193	0.193
0.308				
P5Q3BB7	WITH P5Q3BB6	60.341	0.355	0.355
0.661				
P5Q3X	WITH INTERNAL	27.430	0.119	0.119
0.146				
P5Q3X	WITH INCBCL	483.868	0.409	0.409
0.501				
P5Q3X	WITH P5Q3M	38.841	0.313	0.313
0.446				
P5Q3X	WITH P5Q3AD	43.132	0.349	0.349
0.539				
P5Q3X	WITH P5Q3AF	38.280	0.344	0.344
0.568				
P5Q3X	WITH P5Q3AH	25.747	0.337	0.337
0.648				
P5Q3X	WITH P5Q3AR	21.035	0.273	0.273
0.417				
P5Q3X	WITH P5Q3AV	25.382	0.285	0.285
0.505				
P5Q3X	WITH P5Q3AX	10.745	0.223	0.223
0.433				
P5Q3X	WITH P5Q3BQ	10.121	0.148	0.148
0.219				
P5Q3X	WITH P5Q3CK	15.211	0.352	0.352
0.671				
P5Q3X	WITH P5Q3E	53.032	0.366	0.366
0.496				
P5Q3X	WITH P5Q3A0	28.929	0.284	0.284

0.425				
P5Q3X	WITH P5Q3BK	35.014	0.333	0.333
0.515				
P5Q3X	WITH P5Q3B0	41.414	0.320	0.320
0.467				
P5Q3X	WITH P5Q3CU	15.259	0.243	0.243
0.386				
P5Q3X	WITH P5Q3DA	21.152	0.282	0.282
0.479				
P5Q3X	WITH P5Q3AU	10.941	0.214	0.214
0.312				
P5Q3X	WITH P5Q3AZ	31.756	0.351	0.351
0.639				
P5Q3AA	WITH INCBCL	555.150	0.393	0.393
0.619				
P5Q3AA	WITH P5Q3M	67.259	0.359	0.359
0.658				
P5Q3AA	WITH P5Q3AB	38.237	0.252	0.252
0.445				
P5Q3AA	WITH P5Q3AD	18.350	0.210	0.210
0.418				
P5Q3AA	WITH P5Q3AF	43.664	0.331	0.331
0.702				
P5Q3AA	WITH P5Q3AH	52.067	0.418	0.418
1.031				
P5Q3AA	WITH P5Q3AR	40.924	0.326	0.326
0.639				
P5Q3AA	WITH P5Q3AV	24.135	0.248	0.248
0.565				
P5Q3AA	WITH P5Q3AX	13.903	0.234	0.234
0.584				
P5Q3AA	WITH P5Q3BQ	24.331	0.202	0.202
0.384				
P5Q3AA	WITH P5Q3CK	23.505	0.376	0.376
0.922				
P5Q3AA	WITH P5Q3DB	16.243	0.172	0.172
0.330				
P5Q3AA	WITH P5Q3A0	13.875	0.182	0.182
0.351				
P5Q3AA	WITH P5Q3BK	33.686	0.297	0.297
0.591				
P5Q3AA	WITH P5Q3B0	39.862	0.284	0.284
0.534				
P5Q3AA	WITH P5Q3DA	21.975	0.251	0.251
0.549				
P5Q3AA	WITH P5Q3AS	35.828	0.263	0.263
0.491				
P5Q3AA	WITH P5Q3AZ	20.690	0.272	0.272
0.635				
P5Q3AA	WITH P5Q3BB1	13.946	0.209	0.209

0.453				
P5Q3AA	WITH P5Q3BB2	10.077	0.154	0.154
0.293				
P5Q3AL	WITH INCBCL	420.113	0.416	0.416
0.528				
P5Q3AL	WITH P5Q3M	19.052	0.245	0.245
0.361				
P5Q3AL	WITH P5Q3AD	25.904	0.303	0.303
0.484				
P5Q3AL	WITH P5Q3AF	26.956	0.310	0.310
0.531				
P5Q3AL	WITH P5Q3AH	33.579	0.396	0.396
0.788				
P5Q3AL	WITH P5Q3AR	26.598	0.323	0.323
0.510				
P5Q3AL	WITH P5Q3AV	17.920	0.266	0.266
0.489				
P5Q3AL	WITH P5Q3AX	27.240	0.339	0.339
0.681				
P5Q3AL	WITH P5Q3BQ	15.051	0.207	0.207
0.317				
P5Q3AL	WITH P5Q3CK	19.903	0.389	0.389
0.767				
P5Q3AL	WITH P5Q3E	13.944	0.226	0.226
0.317				
P5Q3AL	WITH P5Q3A0	14.018	0.230	0.230
0.357				
P5Q3AL	WITH P5Q3BK	23.286	0.305	0.305
0.489				
P5Q3AL	WITH P5Q3B0	22.135	0.275	0.275
0.416				
P5Q3AL	WITH P5Q3DA	13.694	0.248	0.248
0.437				
P5Q3AL	WITH P5Q3AS	19.208	0.243	0.243
0.365				
P5Q3AL	WITH P5Q3AU	14.355	0.265	0.265
0.400				
P5Q3AL	WITH P5Q3AZ	21.745	0.313	0.313
0.590				
P5Q3AL	WITH P5Q3BB1	15.757	0.260	0.260
0.455				
P5Q3AL	WITH P5Q3BB2	17.071	0.248	0.248
0.380				
P5Q3AL	WITH P5Q3BB6	16.225	0.250	0.250
0.446				
P5Q3AL	WITH P5Q3BB7	16.232	0.281	0.281
0.471				
P5Q3AP	WITH INCBCL	775.105	0.479	0.479
0.661				
P5Q3AP	WITH P5Q3M	57.408	0.352	0.352

0.564				
P5Q3AP	WITH P5Q3AB	22.301	0.209	0.209
0.324				
P5Q3AP	WITH P5Q3AD	35.961	0.303	0.303
0.527				
P5Q3AP	WITH P5Q3AF	46.306	0.351	0.351
0.653				
P5Q3AP	WITH P5Q3AH	59.208	0.446	0.446
0.963				
P5Q3AP	WITH P5Q3AR	40.157	0.347	0.347
0.595				
P5Q3AP	WITH P5Q3AV	43.452	0.338	0.338
0.676				
P5Q3AP	WITH P5Q3AX	29.818	0.339	0.339
0.741				
P5Q3AP	WITH P5Q3BQ	38.497	0.265	0.265
0.441				
P5Q3AP	WITH P5Q3CK	18.217	0.363	0.363
0.777				
P5Q3AP	WITH P5Q3DB	33.471	0.257	0.257
0.432				
P5Q3AP	WITH P5Q3E	19.424	0.229	0.229
0.348				
P5Q3AP	WITH P5Q3A0	31.414	0.270	0.270
0.455				
P5Q3AP	WITH P5Q3BK	35.974	0.318	0.318
0.554				
P5Q3AP	WITH P5Q3B0	75.265	0.384	0.384
0.631				
P5Q3AP	WITH P5Q3CU	26.475	0.304	0.304
0.544				
P5Q3AP	WITH P5Q3DA	29.061	0.296	0.296
0.567				
P5Q3AP	WITH P5Q3AS	42.847	0.294	0.294
0.481				
P5Q3AP	WITH P5Q3AU	14.697	0.229	0.229
0.376				
P5Q3AP	WITH P5Q3AZ	27.212	0.323	0.323
0.662				
P5Q3AP	WITH P5Q3BB1	16.770	0.242	0.242
0.461				
P5Q3AP	WITH P5Q3BB2	12.592	0.177	0.177
0.296				
P5Q3AP	WITH P5Q3BB5	13.719	0.200	0.200
0.306				
P5Q3AP	WITH P5Q3BB6	19.075	0.240	0.240
0.466				
P5Q3AP	WITH P5Q3BB7	10.346	0.212	0.212
0.387				
P5Q3BI	WITH INCBCL	377.434	0.336	0.336

0.362				
P5Q3BI	WITH P5Q3AB	10.938	0.142	0.142
0.172				
P5Q3BI	WITH P5Q3AD	17.247	0.210	0.210
0.286				
P5Q3BI	WITH P5Q3AF	15.354	0.212	0.212
0.307				
P5Q3BI	WITH P5Q3AH	15.318	0.257	0.257
0.433				
P5Q3BI	WITH P5Q3AR	11.990	0.197	0.197
0.264				
P5Q3BI	WITH P5Q3AX	14.470	0.244	0.244
0.417				
P5Q3BI	WITH P5Q3BQ	62.501	0.304	0.304
0.395				
P5Q3BI	WITH P5Q3DB	20.232	0.189	0.189
0.248				
P5Q3BI	WITH P5Q3A0	21.352	0.231	0.231
0.305				
P5Q3BI	WITH P5Q3BK	23.842	0.259	0.259
0.352				
P5Q3BI	WITH P5Q3B0	40.158	0.287	0.287
0.368				
P5Q3BI	WITH P5Q3CU	11.051	0.198	0.198
0.277				
P5Q3BI	WITH P5Q3DA	10.589	0.192	0.192
0.288				
P5Q3BI	WITH P5Q3AS	19.740	0.204	0.204
0.260				
P5Q3BI	WITH P5Q3AZ	15.688	0.243	0.243
0.388				
P5Q3BI	WITH P5Q3BB2	13.203	0.173	0.173
0.226				
P5Q3BI	WITH P5Q3BB5	10.597	0.168	0.168
0.201				
P5Q3BI	WITH P5Q3BB6	17.649	0.219	0.219
0.333				
P5Q3BI	WITH P5Q3BB7	13.633	0.233	0.233
0.333				
P5Q3BZ	WITH INTERNAL	27.819	0.185	0.185
0.262				
P5Q3BZ	WITH INCBCL	512.130	0.561	0.561
0.792				
P5Q3BZ	WITH P5Q3M	21.771	0.340	0.340
0.558				
P5Q3BZ	WITH P5Q3AB	13.719	0.248	0.248
0.393				
P5Q3BZ	WITH P5Q3AD	20.935	0.342	0.342
0.608				
P5Q3BZ	WITH P5Q3AF	27.247	0.398	0.398

0.757				
P5Q3BZ	WITH P5Q3AH	37.906	0.492	0.492
1.088				
P5Q3BZ	WITH P5Q3AR	23.060	0.365	0.365
0.641				
P5Q3BZ	WITH P5Q3AV	19.302	0.334	0.334
0.681				
P5Q3BZ	WITH P5Q3AX	19.924	0.369	0.369
0.824				
P5Q3BZ	WITH P5Q3BQ	13.232	0.245	0.245
0.418				
P5Q3BZ	WITH P5Q3CK	35.360	0.555	0.555
1.217				
P5Q3BZ	WITH P5Q3DB	12.672	0.250	0.250
0.430				
P5Q3BZ	WITH P5Q3A0	21.236	0.334	0.334
0.577				
P5Q3BZ	WITH P5Q3BK	30.919	0.427	0.427
0.761				
P5Q3BZ	WITH P5Q3B0	60.778	0.485	0.485
0.815				
P5Q3BZ	WITH P5Q3CU	15.862	0.346	0.346
0.633				
P5Q3BZ	WITH P5Q3DA	33.033	0.436	0.436
0.854				
P5Q3BZ	WITH P5Q3AS	28.347	0.326	0.326
0.546				
P5Q3BZ	WITH P5Q3AU	12.144	0.303	0.303
0.508				
P5Q3BZ	WITH P5Q3AZ	18.886	0.373	0.373
0.782				
P5Q3BZ	WITH P5Q3BB2	10.178	0.240	0.240
0.410				
P5Q3BZ	WITH P5Q3BB7	14.453	0.331	0.331
0.617				
P5Q3CJ	WITH INTERNAL	10.316	0.103	0.103
0.146				
P5Q3CJ	WITH INCBCL	706.233	0.577	0.577
0.819				
P5Q3CJ	WITH P5Q3M	25.504	0.330	0.330
0.544				
P5Q3CJ	WITH P5Q3AB	15.873	0.247	0.247
0.393				
P5Q3CJ	WITH P5Q3AD	27.831	0.348	0.348
0.621				
P5Q3CJ	WITH P5Q3AF	34.388	0.389	0.389
0.744				
P5Q3CJ	WITH P5Q3AH	47.162	0.474	0.474
1.053				
P5Q3CJ	WITH P5Q3AR	36.645	0.384	0.384

0.677				
P5Q3CJ	WITH P5Q3AV	26.467	0.346	0.346
0.710				
P5Q3CJ	WITH P5Q3AX	29.152	0.405	0.405
0.909				
P5Q3CJ	WITH P5Q3BQ	21.039	0.272	0.272
0.466				
P5Q3CJ	WITH P5Q3CK	75.697	0.646	0.646
1.422				
P5Q3CJ	WITH P5Q3DB	20.605	0.270	0.270
0.466				
P5Q3CJ	WITH P5Q3E	19.732	0.310	0.310
0.485				
P5Q3CJ	WITH P5Q3A0	30.530	0.352	0.352
0.609				
P5Q3CJ	WITH P5Q3BK	42.388	0.431	0.431
0.771				
P5Q3CJ	WITH P5Q3B0	40.348	0.388	0.388
0.656				
P5Q3CJ	WITH P5Q3CU	18.974	0.324	0.324
0.595				
P5Q3CJ	WITH P5Q3DA	43.597	0.445	0.445
0.875				
P5Q3CJ	WITH P5Q3AS	30.857	0.321	0.321
0.539				
P5Q3CJ	WITH P5Q3AU	18.446	0.322	0.322
0.543				
P5Q3CJ	WITH P5Q3AZ	32.126	0.414	0.414
0.870				
P5Q3CJ	WITH P5Q3BB1	24.460	0.358	0.358
0.701				
P5Q3CJ	WITH P5Q3BB2	11.658	0.228	0.228
0.391				
P5Q3CJ	WITH P5Q3BB6	16.511	0.289	0.289
0.577				
P5Q3CJ	WITH P5Q3BB7	22.144	0.360	0.360
0.674				
P5Q3C	WITH INTERNAL	14.349	0.074	0.074
0.093				
P5Q3C	WITH PAF	26.131	-0.091	-0.091
-0.113				
P5Q3C	WITH INCBCL	650.809	0.418	0.418
0.520				
P5Q3C	WITH P5Q3M	71.013	0.356	0.356
0.516				
P5Q3C	WITH P5Q3AB	10.842	0.140	0.140
0.196				
P5Q3C	WITH P5Q3AD	17.469	0.203	0.203
0.318				
P5Q3C	WITH P5Q3AF	80.763	0.424	0.424

0.711				
P5Q3C	WITH P5Q3AH	56.457	0.419	0.419
0.816				
P5Q3C	WITH P5Q3AR	19.249	0.230	0.230
0.357				
P5Q3C	WITH P5Q3AV	46.992	0.336	0.336
0.606				
P5Q3C	WITH P5Q3AX	20.509	0.282	0.282
0.556				
P5Q3C	WITH P5Q3BQ	68.270	0.314	0.314
0.471				
P5Q3C	WITH P5Q3CK	22.456	0.361	0.361
0.698				
P5Q3C	WITH P5Q3DB	86.123	0.353	0.353
0.535				
P5Q3C	WITH P5Q3A0	11.006	0.160	0.160
0.244				
P5Q3C	WITH P5Q3B0	19.189	0.201	0.201
0.298				
P5Q3C	WITH P5Q3CU	14.980	0.225	0.225
0.363				
P5Q3C	WITH P5Q3DA	10.580	0.183	0.183
0.316				
P5Q3C	WITH P5Q3AS	38.148	0.268	0.268
0.395				
P5Q3C	WITH P5Q3AU	14.582	0.211	0.211
0.313				
P5Q3C	WITH P5Q3AZ	13.114	0.228	0.228
0.421				
P5Q3C	WITH P5Q3BB1	21.483	0.253	0.253
0.435				
P5Q3C	WITH P5Q3BB2	13.853	0.175	0.175
0.263				
P5Q3C	WITH P5Q3BB6	22.021	0.232	0.232
0.406				
P5Q30	WITH INCBCL	703.918	0.517	0.517
0.796				
P5Q30	WITH P5Q3M	96.020	0.469	0.469
0.840				
P5Q30	WITH P5Q3AD	34.321	0.338	0.338
0.655				
P5Q30	WITH P5Q3AF	53.400	0.415	0.415
0.861				
P5Q30	WITH P5Q3AH	40.915	0.415	0.415
1.000				
P5Q30	WITH P5Q3AR	25.811	0.320	0.320
0.612				
P5Q30	WITH P5Q3AV	23.462	0.300	0.300
0.668				
P5Q30	WITH P5Q3AX	22.481	0.330	0.330

0.806				
P5Q30	WITH P5Q3BQ	17.950	0.213	0.213
0.396				
P5Q30	WITH P5Q3CK	39.979	0.530	0.530
1.268				
P5Q30	WITH P5Q3DB	15.781	0.216	0.216
0.406				
P5Q30	WITH P5Q3E	33.269	0.328	0.328
0.558				
P5Q30	WITH P5Q3A0	37.065	0.342	0.342
0.643				
P5Q30	WITH P5Q3BK	34.294	0.359	0.359
0.697				
P5Q30	WITH P5Q3B0	57.534	0.389	0.389
0.713				
P5Q30	WITH P5Q3CU	26.901	0.329	0.329
0.658				
P5Q30	WITH P5Q3DA	46.143	0.412	0.412
0.882				
P5Q30	WITH P5Q3AS	24.627	0.256	0.256
0.468				
P5Q30	WITH P5Q3AU	15.283	0.275	0.275
0.504				
P5Q30	WITH P5Q3AZ	31.809	0.371	0.371
0.847				
P5Q30	WITH P5Q3BB1	13.263	0.245	0.245
0.520				
P5Q30	WITH P5Q3BB2	10.929	0.198	0.198
0.368				
P5Q30	WITH P5Q3BB6	14.923	0.243	0.243
0.528				
P5Q30	WITH P5Q3BB7	16.549	0.282	0.282
0.574				
P5Q3R	WITH INTERNAL	23.882	0.098	0.098
0.122				
P5Q3R	WITH INCBCL	991.291	0.510	0.510
0.635				
P5Q3R	WITH P5Q3M	142.199	0.476	0.476
0.690				
P5Q3R	WITH P5Q3AB	40.076	0.255	0.255
0.357				
P5Q3R	WITH P5Q3AD	43.715	0.308	0.308
0.484				
P5Q3R	WITH P5Q3AF	89.919	0.452	0.452
0.759				
P5Q3R	WITH P5Q3AH	67.825	0.457	0.457
0.893				
P5Q3R	WITH P5Q3AR	25.318	0.260	0.260
0.404				
P5Q3R	WITH P5Q3AV	67.855	0.393	0.393

0.709				
P5Q3R	WITH P5Q3AX	31.750	0.340	0.340
0.672				
P5Q3R	WITH P5Q3BQ	77.314	0.328	0.328
0.494				
P5Q3R	WITH P5Q3CK	41.170	0.490	0.490
0.949				
P5Q3R	WITH P5Q3DB	63.196	0.312	0.312
0.473				
P5Q3R	WITH P5Q3E	21.571	0.220	0.220
0.303				
P5Q3R	WITH P5Q3A0	21.237	0.222	0.222
0.338				
P5Q3R	WITH P5Q3BK	33.710	0.298	0.298
0.469				
P5Q3R	WITH P5Q3B0	40.631	0.283	0.283
0.420				
P5Q3R	WITH P5Q3CU	27.989	0.300	0.300
0.485				
P5Q3R	WITH P5Q3DA	35.425	0.320	0.320
0.553				
P5Q3R	WITH P5Q3AS	49.328	0.304	0.304
0.449				
P5Q3R	WITH P5Q3AU	16.271	0.235	0.235
0.348				
P5Q3R	WITH P5Q3AZ	33.893	0.350	0.350
0.646				
P5Q3R	WITH P5Q3BB1	22.584	0.258	0.258
0.443				
P5Q3R	WITH P5Q3BB6	21.007	0.238	0.238
0.417				
P5Q3S	WITH INCBCL	710.645	0.508	0.508
0.814				
P5Q3S	WITH P5Q3M	102.683	0.473	0.473
0.881				
P5Q3S	WITH P5Q3AB	14.787	0.190	0.190
0.342				
P5Q3S	WITH P5Q3AD	32.033	0.320	0.320
0.647				
P5Q3S	WITH P5Q3AF	50.503	0.400	0.400
0.865				
P5Q3S	WITH P5Q3AH	50.295	0.451	0.451
1.132				
P5Q3S	WITH P5Q3AR	33.270	0.339	0.339
0.676				
P5Q3S	WITH P5Q3AV	35.408	0.344	0.344
0.798				
P5Q3S	WITH P5Q3AX	23.898	0.342	0.342
0.868				
P5Q3S	WITH P5Q3BQ	15.586	0.195	0.195

0.378				
P5Q3S	WITH P5Q3CK	46.749	0.550	0.550
1.370				
P5Q3S	WITH P5Q3DB	15.348	0.203	0.203
0.395				
P5Q3S	WITH P5Q3E	49.528	0.366	0.366
0.648				
P5Q3S	WITH P5Q3A0	31.961	0.313	0.313
0.612				
P5Q3S	WITH P5Q3BK	44.458	0.383	0.383
0.776				
P5Q3S	WITH P5Q3B0	42.073	0.333	0.333
0.635				
P5Q3S	WITH P5Q3CU	12.721	0.240	0.240
0.498				
P5Q3S	WITH P5Q3DA	39.259	0.378	0.378
0.840				
P5Q3S	WITH P5Q3AS	31.279	0.287	0.287
0.545				
P5Q3S	WITH P5Q3AZ	39.411	0.397	0.397
0.945				
P5Q3S	WITH P5Q3BB1	12.771	0.238	0.238
0.527				
P5Q3S	WITH P5Q3BB6	10.071	0.197	0.197
0.446				
P5Q3S	WITH P5Q3BB7	10.506	0.234	0.234
0.496				
P5Q3T	WITH INCBCL	722.715	0.505	0.505
0.836				
P5Q3T	WITH P5Q3M	91.279	0.455	0.455
0.877				
P5Q3T	WITH P5Q3AB	13.372	0.180	0.180
0.334				
P5Q3T	WITH P5Q3AD	32.991	0.325	0.325
0.679				
P5Q3T	WITH P5Q3AF	50.591	0.397	0.397
0.886				
P5Q3T	WITH P5Q3AH	50.755	0.443	0.443
1.149				
P5Q3T	WITH P5Q3AR	35.904	0.353	0.353
0.728				
P5Q3T	WITH P5Q3AV	44.414	0.365	0.365
0.874				
P5Q3T	WITH P5Q3AX	24.488	0.331	0.331
0.869				
P5Q3T	WITH P5Q3BQ	22.457	0.230	0.230
0.459				
P5Q3T	WITH P5Q3CK	42.730	0.527	0.527
1.357				
P5Q3T	WITH P5Q3DB	17.738	0.216	0.216

0.436				
P5Q3T	WITH P5Q3E	31.151	0.306	0.306
0.560				
P5Q3T	WITH P5Q3A0	32.810	0.311	0.311
0.629				
P5Q3T	WITH P5Q3BK	31.011	0.327	0.327
0.683				
P5Q3T	WITH P5Q3B0	36.006	0.306	0.306
0.604				
P5Q3T	WITH P5Q3CU	19.890	0.292	0.292
0.627				
P5Q3T	WITH P5Q3DA	30.493	0.336	0.336
0.773				
P5Q3T	WITH P5Q3AS	29.796	0.270	0.270
0.531				
P5Q3T	WITH P5Q3AZ	39.877	0.398	0.398
0.978				
P5Q3T	WITH P5Q3BB1	20.794	0.288	0.288
0.657				
P5Q3T	WITH P5Q3BB5	14.814	0.228	0.228
0.420				
P5Q3T	WITH P5Q3BB6	12.942	0.218	0.218
0.509				
P5Q3T	WITH P5Q3BB7	17.592	0.300	0.300
0.657				
P5Q3T	WITH P5Q3S	120.202	0.299	0.299
0.793				
P5Q3U	WITH INCBCL	655.094	0.421	0.421
0.639				
P5Q3U	WITH P5Q3M	78.207	0.382	0.382
0.674				
P5Q3U	WITH P5Q3AB	28.633	0.223	0.223
0.380				
P5Q3U	WITH P5Q3AD	31.708	0.264	0.264
0.506				
P5Q3U	WITH P5Q3AF	67.155	0.391	0.391
0.800				
P5Q3U	WITH P5Q3AH	71.913	0.465	0.465
1.105				
P5Q3U	WITH P5Q3AR	24.922	0.257	0.257
0.485				
P5Q3U	WITH P5Q3AV	43.608	0.318	0.318
0.699				
P5Q3U	WITH P5Q3AX	19.185	0.271	0.271
0.651				
P5Q3U	WITH P5Q3BQ	43.251	0.257	0.257
0.471				
P5Q3U	WITH P5Q3CK	23.115	0.387	0.387
0.914				
P5Q3U	WITH P5Q3DB	35.739	0.246	0.246

0.455				
P5Q3U	WITH P5Q3A0	12.088	0.169	0.169
0.313				
P5Q3U	WITH P5Q3BK	18.698	0.229	0.229
0.440				
P5Q3U	WITH P5Q3B0	35.243	0.275	0.275
0.498				
P5Q3U	WITH P5Q3CU	19.595	0.257	0.257
0.506				
P5Q3U	WITH P5Q3DA	23.024	0.253	0.253
0.533				
P5Q3U	WITH P5Q3AS	30.016	0.243	0.243
0.437				
P5Q3U	WITH P5Q3AU	12.030	0.199	0.199
0.360				
P5Q3U	WITH P5Q3AZ	18.667	0.250	0.250
0.563				
P5Q3U	WITH P5Q3BB1	20.808	0.254	0.254
0.531				
P5Q3U	WITH P5Q3BB6	17.348	0.218	0.218
0.466				
P5Q3U	WITH P5Q3AA	40.019	0.170	0.170
0.406				
P5Q3U	WITH P5Q3C	10.505	0.105	0.105
0.198				
P5Q3V	WITH INCBCL	412.398	0.359	0.359
0.540				
P5Q3V	WITH P5Q3M	34.267	0.287	0.287
0.503				
P5Q3V	WITH P5Q3AB	14.772	0.173	0.173
0.291				
P5Q3V	WITH P5Q3AD	27.590	0.266	0.266
0.504				
P5Q3V	WITH P5Q3AF	35.049	0.302	0.302
0.612				
P5Q3V	WITH P5Q3AH	42.961	0.384	0.384
0.906				
P5Q3V	WITH P5Q3AR	42.762	0.350	0.350
0.655				
P5Q3V	WITH P5Q3AV	16.127	0.217	0.217
0.472				
P5Q3V	WITH P5Q3AX	18.307	0.265	0.265
0.632				
P5Q3V	WITH P5Q3BQ	12.788	0.158	0.158
0.287				
P5Q3V	WITH P5Q3CK	36.250	0.471	0.471
1.102				
P5Q3V	WITH P5Q3A0	10.333	0.168	0.168
0.308				
P5Q3V	WITH P5Q3BK	19.913	0.248	0.248

0.470				
P5Q3V	WITH P5Q3B0	29.918	0.264	0.264
0.473				
P5Q3V	WITH P5Q3DA	18.113	0.250	0.250
0.522				
P5Q3V	WITH P5Q3AS	19.387	0.203	0.203
0.362				
P5Q3V	WITH P5Q3AZ	23.415	0.292	0.292
0.652				
P5Q3V	WITH P5Q3AA	65.777	0.213	0.213
0.504				
P5Q3V	WITH P5Q3U	74.956	0.228	0.228
0.520				
P5Q3AJ	WITH INCBCL	524.058	0.486	0.486
0.730				
P5Q3AJ	WITH P5Q3M	34.337	0.350	0.350
0.612				
P5Q3AJ	WITH P5Q3AB	10.234	0.179	0.179
0.302				
P5Q3AJ	WITH P5Q3AD	35.998	0.372	0.372
0.705				
P5Q3AJ	WITH P5Q3AF	43.173	0.412	0.412
0.834				
P5Q3AJ	WITH P5Q3AH	53.827	0.488	0.488
1.148				
P5Q3AJ	WITH P5Q3AR	44.472	0.430	0.430
0.803				
P5Q3AJ	WITH P5Q3AV	20.404	0.300	0.300
0.652				
P5Q3AJ	WITH P5Q3AX	30.968	0.388	0.388
0.923				
P5Q3AJ	WITH P5Q3BQ	13.035	0.204	0.204
0.369				
P5Q3AJ	WITH P5Q3CK	39.168	0.525	0.525
1.226				
P5Q3AJ	WITH P5Q3DB	11.001	0.202	0.202
0.369				
P5Q3AJ	WITH P5Q3E	17.206	0.279	0.279
0.464				
P5Q3AJ	WITH P5Q3A0	27.911	0.331	0.331
0.608				
P5Q3AJ	WITH P5Q3BK	20.128	0.307	0.307
0.582				
P5Q3AJ	WITH P5Q3B0	15.706	0.244	0.244
0.437				
P5Q3AJ	WITH P5Q3DA	23.467	0.335	0.335
0.700				
P5Q3AJ	WITH P5Q3AS	31.645	0.309	0.309
0.550				
P5Q3AJ	WITH P5Q3AU	11.115	0.245	0.245

0.438				
P5Q3AJ	WITH P5Q3AZ	22.653	0.356	0.356
0.794				
P5Q3AJ	WITH P5Q3BB5	13.046	0.240	0.240
0.402				
P5Q3AJ	WITH P5Q3BB7	14.240	0.282	0.282
0.559				
P5Q3AJ	WITH P5Q3AL	11.022	0.169	0.169
0.322				
P5Q3BC	WITH INCBCL	821.628	0.635	0.635
1.063				
P5Q3BC	WITH P5Q3M	35.611	0.385	0.385
0.750				
P5Q3BC	WITH P5Q3AB	14.857	0.236	0.236
0.444				
P5Q3BC	WITH P5Q3AD	40.500	0.424	0.424
0.893				
P5Q3BC	WITH P5Q3AF	32.389	0.401	0.401
0.905				
P5Q3BC	WITH P5Q3AH	59.693	0.547	0.547
1.435				
P5Q3BC	WITH P5Q3AR	43.048	0.430	0.430
0.896				
P5Q3BC	WITH P5Q3AV	37.728	0.415	0.415
1.006				
P5Q3BC	WITH P5Q3AX	47.515	0.492	0.492
1.304				
P5Q3BC	WITH P5Q3BQ	23.710	0.306	0.306
0.618				
P5Q3BC	WITH P5Q3CK	56.470	0.618	0.618
1.606				
P5Q3BC	WITH P5Q3DB	25.750	0.337	0.337
0.685				
P5Q3BC	WITH P5Q3E	13.166	0.271	0.271
0.502				
P5Q3BC	WITH P5Q3A0	31.568	0.372	0.372
0.761				
P5Q3BC	WITH P5Q3BK	35.727	0.424	0.424
0.895				
P5Q3BC	WITH P5Q3B0	47.926	0.428	0.428
0.853				
P5Q3BC	WITH P5Q3CU	25.021	0.391	0.391
0.850				
P5Q3BC	WITH P5Q3DA	61.821	0.509	0.509
1.183				
P5Q3BC	WITH P5Q3AS	33.056	0.341	0.341
0.677				
P5Q3BC	WITH P5Q3AU	25.917	0.382	0.382
0.759				
P5Q3BC	WITH P5Q3AZ	42.735	0.475	0.475

1.180				
P5Q3BC	WITH P5Q3BB1	15.374	0.289	0.289
0.667				
P5Q3BC	WITH P5Q3BB2	15.191	0.262	0.262
0.530				
P5Q3BC	WITH P5Q3BB5	15.617	0.282	0.282
0.524				
P5Q3BC	WITH P5Q3BB6	16.604	0.285	0.285
0.671				
P5Q3BC	WITH P5Q3BB7	37.596	0.450	0.450
0.996				
P5Q3BN	WITH INTERNAL	13.350	0.089	0.089
0.122				
P5Q3BN	WITH INCBCL	966.461	0.561	0.561
0.769				
P5Q3BN	WITH P5Q3M	132.102	0.505	0.505
0.805				
P5Q3BN	WITH P5Q3AB	19.619	0.215	0.215
0.330				
P5Q3BN	WITH P5Q3AD	46.200	0.359	0.359
0.620				
P5Q3BN	WITH P5Q3AF	111.543	0.512	0.512
0.946				
P5Q3BN	WITH P5Q3AH	54.494	0.455	0.455
0.976				
P5Q3BN	WITH P5Q3AR	29.615	0.320	0.320
0.546				
P5Q3BN	WITH P5Q3AV	50.770	0.387	0.387
0.768				
P5Q3BN	WITH P5Q3AX	34.100	0.382	0.382
0.829				
P5Q3BN	WITH P5Q3BQ	56.506	0.341	0.341
0.564				
P5Q3BN	WITH P5Q3CK	55.270	0.551	0.551
1.173				
P5Q3BN	WITH P5Q3DB	33.891	0.282	0.282
0.470				
P5Q3BN	WITH P5Q3E	39.194	0.339	0.339
0.514				
P5Q3BN	WITH P5Q3A0	23.934	0.270	0.270
0.453				
P5Q3BN	WITH P5Q3BK	40.047	0.356	0.356
0.615				
P5Q3BN	WITH P5Q3B0	43.930	0.335	0.335
0.547				
P5Q3BN	WITH P5Q3CU	28.055	0.319	0.319
0.567				
P5Q3BN	WITH P5Q3DA	37.720	0.350	0.350
0.665				
P5Q3BN	WITH P5Q3AS	31.119	0.278	0.278

0.452				
P5Q3BN	WITH P5Q3AU	12.093	0.227	0.227
0.369				
P5Q3BN	WITH P5Q3AZ	44.803	0.414	0.414
0.842				
P5Q3BN	WITH P5Q3BB1	23.861	0.298	0.298
0.563				
P5Q3BN	WITH P5Q3BB2	17.075	0.223	0.223
0.370				
P5Q3BN	WITH P5Q3BB6	26.718	0.294	0.294
0.568				
P5Q3BN	WITH P5Q3V	19.475	-0.216	-0.216
-0.446				
P5Q3CF	WITH INTERNAL	16.804	0.088	0.088
0.124				
P5Q3CF	WITH INCBCL	1156.761	0.559	0.559
0.790				
P5Q3CF	WITH P5Q3M	64.521	0.364	0.364
0.598				
P5Q3CF	WITH P5Q3AB	36.927	0.264	0.264
0.418				
P5Q3CF	WITH P5Q3AD	25.956	0.255	0.255
0.454				
P5Q3CF	WITH P5Q3AF	67.895	0.401	0.401
0.763				
P5Q3CF	WITH P5Q3AH	81.605	0.474	0.474
1.048				
P5Q3CF	WITH P5Q3AR	42.768	0.344	0.344
0.605				
P5Q3CF	WITH P5Q3AV	64.234	0.392	0.392
0.801				
P5Q3CF	WITH P5Q3AX	38.792	0.381	0.381
0.853				
P5Q3CF	WITH P5Q3BQ	101.602	0.390	0.390
0.664				
P5Q3CF	WITH P5Q3CK	50.144	0.521	0.521
1.144				
P5Q3CF	WITH P5Q3DB	65.622	0.335	0.335
0.575				
P5Q3CF	WITH P5Q3E	12.276	0.184	0.184
0.287				
P5Q3CF	WITH P5Q3A0	39.349	0.304	0.304
0.525				
P5Q3CF	WITH P5Q3BK	63.540	0.400	0.400
0.714				
P5Q3CF	WITH P5Q3B0	73.578	0.378	0.378
0.636				
P5Q3CF	WITH P5Q3CU	38.111	0.347	0.347
0.635				
P5Q3CF	WITH P5Q3DA	55.597	0.394	0.394

0.773				
P5Q3CF	WITH P5Q3AS	59.027	0.336	0.336
0.563				
P5Q3CF	WITH P5Q3AU	22.795	0.270	0.270
0.453				
P5Q3CF	WITH P5Q3AZ	33.447	0.350	0.350
0.735				
P5Q3CF	WITH P5Q3BB1	34.379	0.324	0.324
0.632				
P5Q3CF	WITH P5Q3BB2	27.832	0.259	0.259
0.442				
P5Q3CF	WITH P5Q3BB5	14.153	0.198	0.198
0.311				
P5Q3CF	WITH P5Q3BB6	36.739	0.306	0.306
0.610				
P5Q3CF	WITH P5Q3BB7	18.268	0.277	0.277
0.517				
P5Q3CF	WITH P5Q3V	12.897	-0.153	-0.153
-0.325				
P5Q3CG	WITH INTERNAL	14.443	0.083	0.083
0.115				
P5Q3CG	WITH PAF	11.394	-0.068	-0.068
-0.094				
P5Q3CG	WITH INCBCL	1491.511	0.636	0.636
0.876				
P5Q3CG	WITH P5Q3M	104.043	0.441	0.441
0.707				
P5Q3CG	WITH P5Q3AB	36.197	0.265	0.265
0.409				
P5Q3CG	WITH P5Q3AD	42.550	0.330	0.330
0.573				
P5Q3CG	WITH P5Q3AF	78.871	0.436	0.436
0.809				
P5Q3CG	WITH P5Q3AH	57.173	0.433	0.433
0.933				
P5Q3CG	WITH P5Q3AR	71.701	0.425	0.425
0.728				
P5Q3CG	WITH P5Q3AV	100.615	0.469	0.469
0.935				
P5Q3CG	WITH P5Q3AX	51.539	0.444	0.444
0.969				
P5Q3CG	WITH P5Q3BQ	95.436	0.383	0.383
0.635				
P5Q3CG	WITH P5Q3CK	57.349	0.559	0.559
1.196				
P5Q3CG	WITH P5Q3DB	66.272	0.344	0.344
0.576				
P5Q3CG	WITH P5Q3E	43.832	0.327	0.327
0.498				
P5Q3CG	WITH P5Q3A0	71.120	0.401	0.401

0.675				
P5Q3CG	WITH P5Q3BK	78.810	0.446	0.446
0.775				
P5Q3CG	WITH P5Q3B0	127.474	0.469	0.469
0.769				
P5Q3CG	WITH P5Q3CU	46.634	0.385	0.385
0.688				
P5Q3CG	WITH P5Q3DA	95.477	0.490	0.490
0.935				
P5Q3CG	WITH P5Q3AS	56.327	0.347	0.347
0.566				
P5Q3CG	WITH P5Q3AU	19.349	0.278	0.278
0.454				
P5Q3CG	WITH P5Q3AZ	64.532	0.458	0.458
0.936				
P5Q3CG	WITH P5Q3BB1	32.582	0.324	0.324
0.616				
P5Q3CG	WITH P5Q3BB2	41.655	0.314	0.314
0.522				
P5Q3CG	WITH P5Q3BB5	22.917	0.253	0.253
0.387				
P5Q3CG	WITH P5Q3BB6	42.086	0.338	0.338
0.655				
P5Q3CG	WITH P5Q3BB7	14.159	0.265	0.265
0.482				
P5Q3CG	WITH P5Q3AA	16.438	-0.167	-0.167
-0.363				
P5Q3CG	WITH P5Q3U	13.170	-0.150	-0.150
-0.313				
P5Q3CG	WITH P5Q3V	18.251	-0.197	-0.197
-0.408				
P5Q3CG	WITH P5Q3CF	29.166	0.176	0.176
0.343				
P5Q3CH	WITH INTERNAL	11.453	0.089	0.089
0.112				
P5Q3CH	WITH PAF	22.759	-0.113	-0.113
-0.142				
P5Q3CH	WITH INCBCL	1317.373	0.662	0.662
0.834				
P5Q3CH	WITH P5Q3M	85.985	0.461	0.461
0.675				
P5Q3CH	WITH P5Q3AB	37.186	0.298	0.298
0.421				
P5Q3CH	WITH P5Q3AD	42.022	0.367	0.367
0.583				
P5Q3CH	WITH P5Q3AF	78.965	0.476	0.476
0.808				
P5Q3CH	WITH P5Q3AH	100.556	0.571	0.571
1.127				
P5Q3CH	WITH P5Q3AR	39.889	0.380	0.380

0.596				
P5Q3CH	WITH P5Q3AV	105.523	0.523	0.523
0.953				
P5Q3CH	WITH P5Q3AX	82.636	0.536	0.536
1.070				
P5Q3CH	WITH P5Q3BQ	79.127	0.412	0.412
0.626				
P5Q3CH	WITH P5Q3CK	44.999	0.520	0.520
1.019				
P5Q3CH	WITH P5Q3DB	66.037	0.393	0.393
0.602				
P5Q3CH	WITH P5Q3E	25.193	0.296	0.296
0.412				
P5Q3CH	WITH P5Q3A0	34.422	0.330	0.330
0.507				
P5Q3CH	WITH P5Q3BK	63.927	0.447	0.447
0.710				
P5Q3CH	WITH P5Q3B0	49.847	0.375	0.375
0.563				
P5Q3CH	WITH P5Q3CU	57.844	0.452	0.452
0.738				
P5Q3CH	WITH P5Q3DA	59.238	0.450	0.450
0.787				
P5Q3CH	WITH P5Q3AS	49.054	0.367	0.367
0.548				
P5Q3CH	WITH P5Q3AU	24.336	0.322	0.322
0.483				
P5Q3CH	WITH P5Q3AZ	58.346	0.469	0.469
0.876				
P5Q3CH	WITH P5Q3BB1	44.938	0.406	0.406
0.705				
P5Q3CH	WITH P5Q3BB2	33.198	0.320	0.320
0.487				
P5Q3CH	WITH P5Q3BB5	13.053	0.218	0.218
0.306				
P5Q3CH	WITH P5Q3BB6	35.749	0.342	0.342
0.607				
P5Q3CH	WITH P5Q3BB7	17.170	0.301	0.301
0.501				
P5Q3CH	WITH P5Q3V	11.751	-0.188	-0.188
-0.357				
P5Q3CH	WITH P5Q3CF	12.508	0.150	0.150
0.267				
P5Q3CH	WITH P5Q3CG	28.420	0.220	0.220
0.382				
P5Q3CI	WITH INCBCL	1007.830	0.636	0.636
0.765				
P5Q3CI	WITH P5Q3M	30.627	0.332	0.332
0.465				
P5Q3CI	WITH P5Q3AB	36.743	0.331	0.331

0.447				
P5Q3CI	WITH P5Q3AD	57.540	0.439	0.439
0.666				
P5Q3CI	WITH P5Q3AF	36.143	0.378	0.378
0.614				
P5Q3CI	WITH P5Q3AH	36.667	0.433	0.433
0.816				
P5Q3CI	WITH P5Q3AR	42.025	0.408	0.408
0.611				
P5Q3CI	WITH P5Q3AV	71.204	0.479	0.479
0.835				
P5Q3CI	WITH P5Q3AX	59.566	0.506	0.506
0.965				
P5Q3CI	WITH P5Q3BQ	61.298	0.404	0.404
0.587				
P5Q3CI	WITH P5Q3CK	30.739	0.471	0.471
0.880				
P5Q3CI	WITH P5Q3DB	31.526	0.312	0.312
0.456				
P5Q3CI	WITH P5Q3E	30.379	0.342	0.342
0.455				
P5Q3CI	WITH P5Q3A0	44.911	0.392	0.392
0.577				
P5Q3CI	WITH P5Q3BK	54.784	0.443	0.443
0.673				
P5Q3CI	WITH P5Q3B0	62.743	0.429	0.429
0.616				
P5Q3CI	WITH P5Q3CU	63.585	0.484	0.484
0.755				
P5Q3CI	WITH P5Q3DA	55.309	0.457	0.457
0.764				
P5Q3CI	WITH P5Q3AS	30.759	0.317	0.317
0.452				
P5Q3CI	WITH P5Q3AU	25.914	0.354	0.354
0.506				
P5Q3CI	WITH P5Q3AZ	46.574	0.452	0.452
0.808				
P5Q3CI	WITH P5Q3BB1	25.664	0.347	0.347
0.575				
P5Q3CI	WITH P5Q3BB2	18.869	0.268	0.268
0.390				
P5Q3CI	WITH P5Q3BB5	15.544	0.253	0.253
0.339				
P5Q3CI	WITH P5Q3BB6	24.171	0.314	0.314
0.532				
P5Q3CI	WITH P5Q3BB7	26.874	0.382	0.382
0.609				
P5Q3CI	WITH P5Q3AA	11.315	-0.187	-0.187
-0.354				
P5Q3CI	WITH P5Q3V	10.541	-0.194	-0.194

-0.352				
P5Q3CI	WITH P5Q3CG	11.599	0.164	0.164
0.273				
P5Q3CI	WITH P5Q3CH	17.731	0.224	0.224
0.340				
P5Q3CN	WITH INCBCL	598.936	0.465	0.465
0.614				
P5Q3CN	WITH P5Q3M	36.084	0.320	0.320
0.491				
P5Q3CN	WITH P5Q3AB	11.357	0.165	0.165
0.245				
P5Q3CN	WITH P5Q3AD	26.354	0.285	0.285
0.474				
P5Q3CN	WITH P5Q3AF	26.625	0.298	0.298
0.531				
P5Q3CN	WITH P5Q3AH	29.129	0.361	0.361
0.746				
P5Q3CN	WITH P5Q3AR	28.256	0.324	0.324
0.533				
P5Q3CN	WITH P5Q3AV	22.784	0.283	0.283
0.541				
P5Q3CN	WITH P5Q3AX	33.416	0.368	0.368
0.770				
P5Q3CN	WITH P5Q3BQ	35.326	0.282	0.282
0.450				
P5Q3CN	WITH P5Q3CK	24.436	0.400	0.400
0.820				
P5Q3CN	WITH P5Q3DB	33.184	0.283	0.283
0.455				
P5Q3CN	WITH P5Q3E	15.769	0.232	0.232
0.339				
P5Q3CN	WITH P5Q3A0	25.789	0.283	0.283
0.457				
P5Q3CN	WITH P5Q3BK	23.190	0.289	0.289
0.482				
P5Q3CN	WITH P5Q3B0	34.994	0.305	0.305
0.479				
P5Q3CN	WITH P5Q3CU	17.646	0.270	0.270
0.462				
P5Q3CN	WITH P5Q3DA	44.113	0.385	0.385
0.705				
P5Q3CN	WITH P5Q3AS	25.597	0.259	0.259
0.405				
P5Q3CN	WITH P5Q3AU	14.121	0.245	0.245
0.385				
P5Q3CN	WITH P5Q3AZ	19.487	0.299	0.299
0.587				
P5Q3CN	WITH P5Q3BB1	15.795	0.257	0.257
0.468				
P5Q3CN	WITH P5Q3BB2	16.536	0.224	0.224

0.357				
P5Q3CN	WITH P5Q3BB5	11.651	0.197	0.197
0.289				
P5Q3CN	WITH P5Q3BB6	17.494	0.246	0.246
0.457				
P5Q3CN	WITH P5Q3BB7	13.858	0.274	0.274
0.478				
P5Q3C0	WITH INCBCL	885.493	0.504	0.504
0.787				
P5Q3C0	WITH P5Q3M	85.012	0.405	0.405
0.735				
P5Q3C0	WITH P5Q3AB	22.356	0.207	0.207
0.363				
P5Q3C0	WITH P5Q3AD	18.024	0.220	0.220
0.432				
P5Q3C0	WITH P5Q3AF	87.606	0.448	0.448
0.943				
P5Q3C0	WITH P5Q3AH	67.240	0.475	0.475
1.161				
P5Q3C0	WITH P5Q3AR	34.937	0.320	0.320
0.621				
P5Q3C0	WITH P5Q3AV	58.632	0.379	0.379
0.857				
P5Q3C0	WITH P5Q3AX	27.880	0.333	0.333
0.823				
P5Q3C0	WITH P5Q3BQ	76.334	0.347	0.347
0.655				
P5Q3C0	WITH P5Q3CK	58.185	0.520	0.520
1.262				
P5Q3C0	WITH P5Q3DB	40.680	0.277	0.277
0.526				
P5Q3C0	WITH P5Q3E	12.793	0.187	0.187
0.323				
P5Q3C0	WITH P5Q3A0	24.281	0.250	0.250
0.477				
P5Q3C0	WITH P5Q3BK	31.959	0.313	0.313
0.616				
P5Q3C0	WITH P5Q3B0	42.825	0.304	0.304
0.565				
P5Q3C0	WITH P5Q3CU	26.195	0.295	0.295
0.597				
P5Q3C0	WITH P5Q3DA	44.253	0.355	0.355
0.769				
P5Q3C0	WITH P5Q3AS	33.777	0.269	0.269
0.497				
P5Q3C0	WITH P5Q3AU	18.087	0.256	0.256
0.474				
P5Q3C0	WITH P5Q3AZ	19.933	0.283	0.283
0.656				
P5Q3C0	WITH P5Q3BB1	23.876	0.280	0.280

0.602				
P5Q3C0	WITH P5Q3BB2	15.984	0.201	0.201
0.379				
P5Q3C0	WITH P5Q3BB6	30.579	0.287	0.287
0.632				
P5Q3C0	WITH P5Q3BN	14.530	0.136	0.136
0.291				
P5Q3C0	WITH P5Q3CF	17.067	0.132	0.132
0.292				
P5Q3CQ	WITH INCBCL	713.489	0.625	0.625
1.191				
P5Q3CQ	WITH P5Q3M	28.154	0.375	0.375
0.832				
P5Q3CQ	WITH P5Q3AB	19.630	0.287	0.287
0.613				
P5Q3CQ	WITH P5Q3AD	39.260	0.429	0.429
1.030				
P5Q3CQ	WITH P5Q3AF	51.466	0.487	0.487
1.251				
P5Q3CQ	WITH P5Q3AH	59.370	0.563	0.563
1.681				
P5Q3CQ	WITH P5Q3AR	27.512	0.393	0.393
0.931				
P5Q3CQ	WITH P5Q3AV	27.100	0.384	0.384
1.059				
P5Q3CQ	WITH P5Q3AX	44.913	0.504	0.504
1.521				
P5Q3CQ	WITH P5Q3BQ	22.916	0.300	0.300
0.689				
P5Q3CQ	WITH P5Q3CK	64.955	0.651	0.651
1.930				
P5Q3CQ	WITH P5Q3DB	24.915	0.333	0.333
0.773				
P5Q3CQ	WITH P5Q3E	17.208	0.332	0.332
0.699				
P5Q3CQ	WITH P5Q3A0	17.469	0.311	0.311
0.724				
P5Q3CQ	WITH P5Q3BK	35.076	0.433	0.433
1.042				
P5Q3CQ	WITH P5Q3B0	40.805	0.405	0.405
0.919				
P5Q3CQ	WITH P5Q3CU	30.573	0.427	0.427
1.056				
P5Q3CQ	WITH P5Q3DA	36.380	0.434	0.434
1.148				
P5Q3CQ	WITH P5Q3AS	25.290	0.324	0.324
0.731				
P5Q3CQ	WITH P5Q3AU	12.631	0.308	0.308
0.697				
P5Q3CQ	WITH P5Q3AZ	33.374	0.446	0.446

1.263				
P5Q3CQ	WITH P5Q3BB1	13.823	0.286	0.286
0.753				
P5Q3CQ	WITH P5Q3BB2	12.086	0.247	0.247
0.570				
P5Q3CQ	WITH P5Q3BB6	20.591	0.342	0.342
0.920				
P5Q3CQ	WITH P5Q3BB7	17.428	0.354	0.354
0.891				
P5Q3CW	WITH INCBCL	724.035	0.491	0.491
0.627				
P5Q3CW	WITH P5Q3M	39.304	0.314	0.314
0.467				
P5Q3CW	WITH P5Q3AB	20.635	0.212	0.212
0.304				
P5Q3CW	WITH P5Q3AD	26.113	0.277	0.277
0.447				
P5Q3CW	WITH P5Q3AF	34.366	0.327	0.327
0.564				
P5Q3CW	WITH P5Q3AH	41.035	0.402	0.402
0.806				
P5Q3CW	WITH P5Q3AR	44.604	0.368	0.368
0.586				
P5Q3CW	WITH P5Q3AV	43.201	0.357	0.357
0.661				
P5Q3CW	WITH P5Q3AX	33.927	0.383	0.383
0.776				
P5Q3CW	WITH P5Q3BQ	41.505	0.288	0.288
0.445				
P5Q3CW	WITH P5Q3CK	26.957	0.442	0.442
0.878				
P5Q3CW	WITH P5Q3DB	31.613	0.266	0.266
0.413				
P5Q3CW	WITH P5Q3E	15.116	0.217	0.217
0.307				
P5Q3CW	WITH P5Q3A0	23.632	0.262	0.262
0.410				
P5Q3CW	WITH P5Q3BK	18.852	0.258	0.258
0.416				
P5Q3CW	WITH P5Q3B0	28.330	0.267	0.267
0.407				
P5Q3CW	WITH P5Q3CU	41.317	0.371	0.371
0.616				
P5Q3CW	WITH P5Q3DA	28.149	0.308	0.308
0.546				
P5Q3CW	WITH P5Q3AS	33.102	0.281	0.281
0.426				
P5Q3CW	WITH P5Q3AU	17.049	0.269	0.269
0.409				
P5Q3CW	WITH P5Q3AZ	51.497	0.435	0.435

0.825				
P5Q3CW	WITH P5Q3BB1	17.639	0.264	0.264
0.466				
P5Q3CW	WITH P5Q3BB2	16.366	0.215	0.215
0.333				
P5Q3CW	WITH P5Q3BB5	13.926	0.215	0.215
0.305				
P5Q3CW	WITH P5Q3BB6	26.674	0.287	0.287
0.517				
P5Q3CW	WITH P5Q3BB7	12.457	0.250	0.250
0.423				
P5Q3CW	WITH P5Q3BN	11.352	0.141	0.141
0.246				

Beginning Time: 19:15:50
 Ending Time: 00:02:31
 Elapsed Time: 04:46:41

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