

Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
10/24/2020 3:58 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;
SC9 ON InCBCL;

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

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;

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

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:
780
  8 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS

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Structual Models – PAF Int Ext w CBCL Controls

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	3736
Number of dependent variables	101
Number of independent variables	2
Number of continuous latent variables	7

Observed dependent variables

Binary and ordered categorical (ordinal)					
K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R	K5E1A	K5E1B
K5E1C	K5E1D	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

THREATC0	DEPCOMP
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Continuous latent variables

SC15	SC9	INTERNAL	EXTERN	PAF	INCBCL
EXCBCL					

Variables with special functions

ID variable	FF_ID
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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	294
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COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.100

PROPORTION OF DATA PRESENT

Covariance Coverage

K5E1A	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R
K6B1A_R	0.901			
K6B1B_R	0.900	0.901		
K6B1C_R	0.900	0.900	0.901	
K6B1D_R	0.900	0.900	0.900	0.900
K5E1A	0.793	0.792	0.792	0.792
0.880				
K5E1B	0.797	0.797	0.797	0.796
0.875				
K5E1C	0.801	0.800	0.800	0.800
0.878				
K5E1D	0.798	0.797	0.797	0.797
0.876				
K6D2AG_R	0.899	0.898	0.898	0.898
0.802				
K6D2AI_R	0.897	0.897	0.897	0.897
0.802				
K6D2D_R	0.895	0.895	0.895	0.894
0.799				
K6D2J_R	0.886	0.885	0.885	0.885
0.791				
K6D2T_R	0.899	0.898	0.898	0.898
0.803				
K6D2AC_R	0.898	0.898	0.898	0.897
0.802				
K6D2AK_R	0.898	0.897	0.897	0.897
0.802				
K6D2C_R	0.888	0.888	0.888	0.888
0.793				
K6D2N_R	0.898	0.897	0.897	0.897
0.802				
K6D2X_R	0.898	0.897	0.897	0.897
0.802				
K6D2A_R	0.899	0.899	0.898	0.898
0.802				
K6D2P_R	0.899	0.898	0.898	0.898
0.802				
K6D2R_R	0.898	0.897	0.897	0.897
0.802				
K6D2Z_R	0.898	0.898	0.897	0.897
0.802				
K6D2AB_R	0.899	0.898	0.898	0.898
0.802				
K6D2AJ_R	0.899	0.898	0.898	0.898
0.803				
K6D61C	0.897	0.896	0.896	0.896
0.802				

K6D61D 0.802	0.897	0.896	0.896	0.896
K6D61E 0.801	0.896	0.896	0.896	0.895
K6D61K 0.801	0.896	0.896	0.896	0.896
K6D61L 0.802	0.897	0.896	0.896	0.896
K6D61M 0.800	0.895	0.895	0.895	0.895
K6D40_R 0.802	0.897	0.897	0.897	0.896
K6D48_R 0.801	0.897	0.896	0.896	0.896
K6F63_R 0.801	0.896	0.895	0.895	0.895
K6F68_R 0.801	0.896	0.895	0.895	0.895
K6F74_R 0.801	0.896	0.895	0.895	0.895
K6D2B_R 0.802	0.899	0.898	0.898	0.898
K6D2F_R 0.803	0.899	0.899	0.899	0.898
K6D2G_R 0.803	0.899	0.899	0.899	0.899
K6D2I_R 0.802	0.898	0.898	0.898	0.897
K6D2K_R 0.802	0.899	0.898	0.898	0.898
K6D2L_R 0.803	0.899	0.899	0.899	0.899
K6D2M_R 0.803	0.899	0.899	0.899	0.899
K6D20_R 0.803	0.899	0.898	0.898	0.898
K6D2S_R 0.803	0.899	0.899	0.899	0.899
K6D2V_R 0.803	0.899	0.899	0.899	0.899
K6D2W_R 0.802	0.899	0.898	0.898	0.898
K6D2Y_R 0.803	0.899	0.899	0.899	0.898
K6D2AA_R 0.803	0.899	0.899	0.899	0.899
K6D2AE_R 0.801	0.897	0.897	0.897	0.897
K6D2AF_R 0.803	0.899	0.899	0.899	0.898

K6D2AH_R 0.792	0.888	0.887	0.887	0.887
P5Q3M 0.861	0.796	0.796	0.796	0.796
P5Q3AB 0.860	0.796	0.795	0.795	0.795
P5Q3AD 0.860	0.796	0.795	0.795	0.795
P5Q3AF 0.861	0.797	0.796	0.796	0.796
P5Q3AH 0.862	0.798	0.797	0.797	0.797
P5Q3AR 0.862	0.797	0.797	0.797	0.797
P5Q3AV 0.862	0.798	0.797	0.797	0.797
P5Q3AX 0.862	0.798	0.797	0.797	0.797
P5Q3BQ 0.861	0.797	0.796	0.796	0.796
P5Q3CK 0.863	0.798	0.798	0.798	0.797
P5Q3DB 0.851	0.787	0.787	0.787	0.786
P5Q3E 0.857	0.793	0.793	0.793	0.792
P5Q3A0 0.861	0.797	0.796	0.796	0.796
P5Q3BK 0.860	0.796	0.796	0.796	0.796
P5Q3B0 0.863	0.798	0.798	0.798	0.798
P5Q3CU 0.862	0.798	0.797	0.797	0.797
P5Q3DA 0.859	0.795	0.794	0.794	0.794
P5Q3AS 0.862	0.797	0.797	0.797	0.797
P5Q3AU 0.860	0.796	0.796	0.796	0.795
P5Q3AZ 0.862	0.797	0.797	0.797	0.797
P5Q3BB1 0.860	0.796	0.795	0.795	0.795
P5Q3BB2 0.859	0.795	0.794	0.794	0.794
P5Q3BB5 0.857	0.793	0.793	0.793	0.793
P5Q3BB6 0.860	0.797	0.796	0.796	0.796

P5Q3BB7	0.788	0.787	0.787	0.787
0.851				
P5Q3X	0.796	0.795	0.795	0.795
0.860				
P5Q3AA	0.797	0.796	0.796	0.796
0.861				
P5Q3AL	0.797	0.797	0.797	0.797
0.862				
P5Q3AP	0.798	0.797	0.797	0.797
0.862				
P5Q3BI	0.797	0.797	0.797	0.796
0.861				
P5Q3BZ	0.799	0.798	0.798	0.798
0.863				
P5Q3CJ	0.797	0.797	0.797	0.797
0.862				
P5Q3C	0.791	0.790	0.790	0.790
0.855				
P5Q30	0.796	0.796	0.796	0.795
0.861				
P5Q3R	0.797	0.797	0.797	0.797
0.861				
P5Q3S	0.797	0.797	0.797	0.797
0.862				
P5Q3T	0.797	0.797	0.797	0.796
0.861				
P5Q3U	0.797	0.796	0.796	0.796
0.861				
P5Q3V	0.791	0.791	0.791	0.791
0.854				
P5Q3AJ	0.798	0.797	0.797	0.797
0.862				
P5Q3BC	0.795	0.794	0.794	0.794
0.858				
P5Q3BN	0.798	0.798	0.798	0.797
0.863				
P5Q3CF	0.798	0.797	0.797	0.797
0.862				
P5Q3CG	0.797	0.797	0.797	0.797
0.862				
P5Q3CH	0.794	0.793	0.793	0.793
0.857				
P5Q3CI	0.797	0.797	0.797	0.796
0.861				
P5Q3CN	0.798	0.798	0.798	0.797
0.863				
P5Q3C0	0.798	0.798	0.798	0.797
0.862				
P5Q3CQ	0.798	0.798	0.798	0.797
0.862				

P5Q3CW 0.863	0.798	0.798	0.798	0.798
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	Covariance Coverage			
	K5E1B	K5E1C	K5E1D	K6D2AG_R
K6D2AI_R				
K5E1B	0.885			
K5E1C	0.883	0.890		
K5E1D	0.881	0.885	0.887	
K6D2AG_R	0.807	0.811	0.808	0.914
K6D2AI_R	0.806	0.810	0.807	0.912
0.913				
K6D2D_R	0.803	0.808	0.805	0.910
0.909				
K6D2J_R	0.795	0.800	0.796	0.901
0.900				
K6D2T_R	0.807	0.811	0.808	0.914
0.912				
K6D2AC_R	0.806	0.811	0.808	0.913
0.912				
K6D2AK_R	0.806	0.811	0.808	0.913
0.912				
K6D2C_R	0.798	0.802	0.798	0.903
0.902				
K6D2N_R	0.806	0.810	0.807	0.912
0.911				
K6D2X_R	0.807	0.811	0.808	0.913
0.912				
K6D2A_R	0.807	0.811	0.808	0.914
0.912				
K6D2P_R	0.807	0.811	0.808	0.913
0.912				
K6D2R_R	0.806	0.810	0.807	0.912
0.912				
K6D2Z_R	0.806	0.811	0.808	0.913
0.912				
K6D2AB_R	0.807	0.811	0.808	0.913
0.912				
K6D2AJ_R	0.807	0.812	0.808	0.913
0.913				
K6D61C	0.806	0.810	0.807	0.911
0.911				
K6D61D	0.806	0.810	0.807	0.911
0.911				
K6D61E	0.806	0.810	0.807	0.911
0.910				
K6D61K	0.806	0.810	0.807	0.911

0.911				
K6D61L	0.806	0.810	0.807	0.912
0.911				
K6D61M	0.804	0.809	0.805	0.910
0.909				
K6D40_R	0.806	0.810	0.807	0.912
0.911				
K6D48_R	0.806	0.810	0.807	0.911
0.911				
K6F63_R	0.806	0.810	0.807	0.910
0.910				
K6F68_R	0.805	0.810	0.806	0.910
0.910				
K6F74_R	0.806	0.810	0.807	0.911
0.910				
K6D2B_R	0.807	0.811	0.808	0.914
0.912				
K6D2F_R	0.807	0.812	0.808	0.914
0.913				
K6D2G_R	0.808	0.812	0.809	0.914
0.913				
K6D2I_R	0.806	0.811	0.808	0.913
0.912				
K6D2K_R	0.807	0.811	0.808	0.914
0.912				
K6D2L_R	0.808	0.812	0.809	0.914
0.913				
K6D2M_R	0.808	0.812	0.809	0.914
0.913				
K6D20_R	0.807	0.811	0.808	0.913
0.912				
K6D2S_R	0.808	0.812	0.809	0.914
0.913				
K6D2V_R	0.808	0.812	0.809	0.914
0.913				
K6D2W_R	0.807	0.811	0.808	0.914
0.912				
K6D2Y_R	0.807	0.812	0.808	0.914
0.912				
K6D2AA_R	0.808	0.812	0.809	0.914
0.913				
K6D2AE_R	0.806	0.810	0.807	0.912
0.911				
K6D2AF_R	0.808	0.812	0.809	0.914
0.913				
K6D2AH_R	0.796	0.801	0.797	0.903
0.901				
P5Q3M	0.865	0.870	0.868	0.808
0.807				
P5Q3AB	0.864	0.870	0.866	0.807

0.806				
P5Q3AD	0.865	0.870	0.867	0.807
0.806				
P5Q3AF	0.866	0.871	0.868	0.808
0.807				
P5Q3AH	0.866	0.872	0.869	0.809
0.808				
P5Q3AR	0.866	0.872	0.869	0.809
0.808				
P5Q3AV	0.866	0.872	0.869	0.809
0.808				
P5Q3AX	0.867	0.872	0.869	0.809
0.808				
P5Q3BQ	0.866	0.871	0.868	0.808
0.807				
P5Q3CK	0.867	0.873	0.869	0.809
0.809				
P5Q3DB	0.855	0.860	0.857	0.798
0.797				
P5Q3E	0.861	0.867	0.864	0.804
0.803				
P5Q3A0	0.866	0.871	0.868	0.808
0.807				
P5Q3BK	0.865	0.870	0.867	0.808
0.807				
P5Q3B0	0.867	0.873	0.869	0.810
0.809				
P5Q3CU	0.867	0.872	0.869	0.809
0.808				
P5Q3DA	0.864	0.869	0.866	0.806
0.805				
P5Q3AS	0.866	0.872	0.868	0.809
0.808				
P5Q3AU	0.865	0.870	0.867	0.807
0.806				
P5Q3AZ	0.866	0.872	0.868	0.809
0.808				
P5Q3BB1	0.864	0.869	0.866	0.807
0.806				
P5Q3BB2	0.863	0.868	0.865	0.806
0.805				
P5Q3BB5	0.862	0.867	0.864	0.804
0.803				
P5Q3BB6	0.865	0.870	0.866	0.808
0.807				
P5Q3BB7	0.856	0.861	0.858	0.799
0.798				
P5Q3X	0.865	0.870	0.866	0.807
0.806				
P5Q3AA	0.866	0.871	0.868	0.808

0.807				
P5Q3AL	0.866	0.872	0.868	0.809
0.808				
P5Q3AP	0.866	0.872	0.869	0.809
0.808				
P5Q3BI	0.866	0.871	0.868	0.808
0.808				
P5Q3BZ	0.868	0.873	0.870	0.810
0.809				
P5Q3CJ	0.866	0.871	0.868	0.809
0.808				
P5Q3C	0.860	0.865	0.862	0.802
0.801				
P5Q30	0.865	0.870	0.868	0.807
0.806				
P5Q3R	0.866	0.871	0.868	0.809
0.808				
P5Q3S	0.866	0.872	0.869	0.809
0.808				
P5Q3T	0.866	0.871	0.868	0.808
0.808				
P5Q3U	0.866	0.871	0.868	0.808
0.807				
P5Q3V	0.859	0.864	0.861	0.802
0.802				
P5Q3AJ	0.867	0.872	0.869	0.809
0.808				
P5Q3BC	0.863	0.868	0.865	0.806
0.805				
P5Q3BN	0.867	0.873	0.869	0.809
0.809				
P5Q3CF	0.866	0.872	0.868	0.809
0.808				
P5Q3CG	0.866	0.872	0.869	0.809
0.808				
P5Q3CH	0.862	0.867	0.864	0.805
0.804				
P5Q3CI	0.866	0.871	0.868	0.808
0.808				
P5Q3CN	0.867	0.873	0.869	0.809
0.809				
P5Q3C0	0.867	0.872	0.869	0.809
0.809				
P5Q3CQ	0.867	0.872	0.869	0.809
0.809				
P5Q3CW	0.868	0.873	0.870	0.810
0.809				

Covariance Coverage

K6D2AK_R	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R
K6D2D_R	0.911			
K6D2J_R	0.897	0.901		
K6D2T_R	0.910	0.901	0.914	
K6D2AC_R	0.910	0.900	0.913	0.914
K6D2AK_R	0.910	0.900	0.913	0.912
0.914				
K6D2C_R	0.900	0.894	0.903	0.903
0.903				
K6D2N_R	0.909	0.900	0.913	0.912
0.912				
K6D2X_R	0.910	0.900	0.913	0.913
0.912				
K6D2A_R	0.910	0.901	0.914	0.913
0.913				
K6D2P_R	0.910	0.901	0.914	0.913
0.913				
K6D2R_R	0.909	0.900	0.913	0.912
0.912				
K6D2Z_R	0.909	0.900	0.913	0.912
0.912				
K6D2AB_R	0.910	0.901	0.914	0.913
0.913				
K6D2AJ_R	0.910	0.900	0.914	0.913
0.913				
K6D61C	0.908	0.899	0.912	0.911
0.911				
K6D61D	0.908	0.899	0.912	0.911
0.911				
K6D61E	0.907	0.898	0.911	0.910
0.911				
K6D61K	0.908	0.898	0.911	0.911
0.911				
K6D61L	0.908	0.899	0.912	0.911
0.912				
K6D61M	0.906	0.897	0.910	0.910
0.910				
K6D40_R	0.908	0.899	0.912	0.911
0.911				
K6D48_R	0.908	0.899	0.912	0.911
0.911				
K6F63_R	0.907	0.898	0.911	0.910
0.910				
K6F68_R	0.907	0.898	0.911	0.910
0.910				
K6F74_R	0.907	0.898	0.911	0.910
0.911				

K6D2B_R 0.913	0.910	0.901	0.914	0.914
K6D2F_R 0.913	0.910	0.901	0.914	0.914
K6D2G_R 0.914	0.911	0.901	0.914	0.914
K6D2I_R 0.912	0.910	0.900	0.913	0.913
K6D2K_R 0.913	0.910	0.901	0.914	0.913
K6D2L_R 0.914	0.911	0.901	0.914	0.914
K6D2M_R 0.914	0.911	0.901	0.914	0.914
K6D2O_R 0.913	0.910	0.900	0.914	0.913
K6D2S_R 0.914	0.911	0.901	0.914	0.914
K6D2V_R 0.914	0.911	0.901	0.914	0.914
K6D2W_R 0.913	0.910	0.901	0.914	0.913
K6D2Y_R 0.913	0.910	0.901	0.914	0.913
K6D2AA_R 0.914	0.911	0.901	0.914	0.914
K6D2AE_R 0.911	0.908	0.900	0.912	0.912
K6D2AF_R 0.913	0.910	0.901	0.914	0.914
K6D2AH_R 0.902	0.899	0.892	0.903	0.902
P5Q3M 0.807	0.804	0.796	0.808	0.807
P5Q3AB 0.806	0.804	0.795	0.807	0.807
P5Q3AD 0.806	0.803	0.795	0.807	0.806
P5Q3AF 0.807	0.804	0.796	0.808	0.808
P5Q3AH 0.808	0.805	0.797	0.809	0.809
P5Q3AR 0.808	0.805	0.797	0.809	0.808
P5Q3AV 0.808	0.805	0.797	0.809	0.809
P5Q3AX 0.809	0.806	0.797	0.809	0.809
P5Q3BQ 0.807	0.804	0.796	0.808	0.808

P5Q3CK 0.809	0.806	0.798	0.810	0.809
P5Q3DB 0.798	0.795	0.787	0.798	0.798
P5Q3E 0.804	0.801	0.793	0.804	0.804
P5Q3A0 0.808	0.805	0.796	0.808	0.808
P5Q3BK 0.807	0.804	0.796	0.808	0.807
P5Q3B0 0.809	0.806	0.798	0.810	0.809
P5Q3CU 0.808	0.805	0.797	0.809	0.809
P5Q3DA 0.806	0.803	0.794	0.806	0.806
P5Q3AS 0.808	0.805	0.797	0.809	0.808
P5Q3AU 0.807	0.804	0.796	0.808	0.807
P5Q3AZ 0.808	0.805	0.797	0.809	0.808
P5Q3BB1 0.806	0.803	0.795	0.807	0.806
P5Q3BB2 0.805	0.802	0.794	0.806	0.805
P5Q3BB5 0.804	0.801	0.793	0.804	0.804
P5Q3BB6 0.807	0.804	0.796	0.808	0.808
P5Q3BB7 0.798	0.795	0.787	0.799	0.798
P5Q3X 0.806	0.804	0.795	0.807	0.807
P5Q3AA 0.808	0.805	0.796	0.808	0.808
P5Q3AL 0.808	0.805	0.797	0.809	0.808
P5Q3AP 0.809	0.806	0.797	0.809	0.809
P5Q3BI 0.808	0.805	0.797	0.809	0.808
P5Q3BZ 0.809	0.806	0.798	0.810	0.810
P5Q3CJ 0.808	0.805	0.797	0.809	0.808
P5Q3C 0.801	0.798	0.791	0.802	0.802
P5Q30 0.807	0.804	0.796	0.808	0.807

P5Q3R	0.805	0.797	0.809	0.808
0.808				
P5Q3S	0.805	0.797	0.809	0.808
0.808				
P5Q3T	0.805	0.797	0.809	0.808
0.808				
P5Q3U	0.805	0.796	0.808	0.808
0.808				
P5Q3V	0.799	0.791	0.803	0.802
0.802				
P5Q3AJ	0.805	0.797	0.809	0.809
0.808				
P5Q3BC	0.802	0.794	0.806	0.806
0.805				
P5Q3BN	0.806	0.798	0.810	0.809
0.809				
P5Q3CF	0.805	0.797	0.809	0.809
0.808				
P5Q3CG	0.805	0.797	0.809	0.808
0.808				
P5Q3CH	0.801	0.793	0.805	0.805
0.804				
P5Q3CI	0.805	0.797	0.809	0.808
0.808				
P5Q3CN	0.806	0.798	0.810	0.809
0.809				
P5Q3C0	0.806	0.798	0.810	0.809
0.809				
P5Q3CQ	0.806	0.798	0.810	0.809
0.809				
P5Q3CW	0.806	0.798	0.810	0.809
0.809				

	Covariance Coverage			
	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
K6D2P_R				
<hr/>				
K6D2C_R	0.904			
K6D2N_R	0.902	0.913		
K6D2X_R	0.903	0.912	0.914	
K6D2A_R	0.904	0.913	0.913	0.914
K6D2P_R	0.903	0.912	0.913	0.914
0.914				
K6D2R_R	0.903	0.912	0.912	0.913
0.913				
K6D2Z_R	0.903	0.912	0.912	0.913
0.913				
K6D2AB_R	0.903	0.912	0.913	0.914

0.914				
K6D2AJ_R	0.903	0.912	0.913	0.914
0.913				
K6D61C	0.901	0.911	0.911	0.912
0.911				
K6D61D	0.901	0.911	0.911	0.912
0.911				
K6D61E	0.900	0.910	0.910	0.911
0.911				
K6D61K	0.901	0.911	0.911	0.911
0.911				
K6D61L	0.901	0.911	0.911	0.912
0.912				
K6D61M	0.900	0.909	0.909	0.910
0.910				
K6D40_R	0.901	0.911	0.911	0.912
0.912				
K6D48_R	0.901	0.911	0.911	0.912
0.911				
K6F63_R	0.900	0.910	0.910	0.911
0.910				
K6F68_R	0.900	0.910	0.910	0.911
0.910				
K6F74_R	0.900	0.910	0.910	0.911
0.911				
K6D2B_R	0.903	0.913	0.913	0.914
0.914				
K6D2F_R	0.904	0.913	0.913	0.914
0.914				
K6D2G_R	0.904	0.913	0.914	0.914
0.914				
K6D2I_R	0.903	0.912	0.912	0.913
0.913				
K6D2K_R	0.903	0.912	0.913	0.914
0.913				
K6D2L_R	0.904	0.913	0.914	0.914
0.914				
K6D2M_R	0.904	0.913	0.914	0.914
0.914				
K6D20_R	0.903	0.913	0.913	0.914
0.913				
K6D2S_R	0.904	0.913	0.914	0.914
0.914				
K6D2V_R	0.904	0.913	0.914	0.914
0.914				
K6D2W_R	0.903	0.913	0.913	0.914
0.914				
K6D2Y_R	0.903	0.913	0.913	0.914
0.914				
K6D2AA_R	0.904	0.913	0.914	0.914

0.914				
K6D2AE_R	0.902	0.911	0.911	0.912
0.912				
K6D2AF_R	0.904	0.913	0.914	0.914
0.914				
K6D2AH_R	0.894	0.902	0.902	0.903
0.902				
P5Q3M	0.798	0.807	0.808	0.808
0.808				
P5Q3AB	0.797	0.806	0.807	0.807
0.807				
P5Q3AD	0.797	0.806	0.807	0.807
0.807				
P5Q3AF	0.798	0.807	0.808	0.808
0.808				
P5Q3AH	0.799	0.808	0.809	0.809
0.809				
P5Q3AR	0.799	0.808	0.809	0.809
0.809				
P5Q3AV	0.799	0.808	0.809	0.809
0.809				
P5Q3AX	0.799	0.809	0.809	0.809
0.809				
P5Q3BQ	0.798	0.807	0.808	0.808
0.808				
P5Q3CK	0.800	0.809	0.809	0.810
0.809				
P5Q3DB	0.788	0.798	0.798	0.798
0.798				
P5Q3E	0.794	0.804	0.804	0.804
0.804				
P5Q3A0	0.798	0.808	0.808	0.808
0.808				
P5Q3BK	0.798	0.807	0.808	0.808
0.808				
P5Q3B0	0.800	0.809	0.810	0.810
0.810				
P5Q3CU	0.799	0.808	0.809	0.809
0.809				
P5Q3DA	0.796	0.806	0.806	0.806
0.806				
P5Q3AS	0.799	0.808	0.809	0.809
0.809				
P5Q3AU	0.797	0.807	0.807	0.808
0.808				
P5Q3AZ	0.799	0.808	0.809	0.809
0.809				
P5Q3BB1	0.797	0.806	0.807	0.807
0.807				
P5Q3BB2	0.796	0.805	0.806	0.806

0.806				
P5Q3BB5	0.794	0.804	0.804	0.804
0.804				
P5Q3BB6	0.798	0.807	0.808	0.808
0.808				
P5Q3BB7	0.789	0.798	0.799	0.799
0.799				
P5Q3X	0.797	0.806	0.807	0.807
0.807				
P5Q3AA	0.798	0.808	0.808	0.808
0.808				
P5Q3AL	0.799	0.808	0.809	0.809
0.809				
P5Q3AP	0.799	0.809	0.809	0.809
0.809				
P5Q3BI	0.798	0.808	0.808	0.809
0.808				
P5Q3BZ	0.800	0.809	0.810	0.810
0.810				
P5Q3CJ	0.799	0.808	0.809	0.809
0.809				
P5Q3C	0.792	0.801	0.802	0.802
0.802				
P5Q30	0.797	0.807	0.807	0.808
0.807				
P5Q3R	0.799	0.808	0.809	0.809
0.809				
P5Q3S	0.799	0.808	0.809	0.809
0.809				
P5Q3T	0.798	0.808	0.808	0.809
0.809				
P5Q3U	0.798	0.808	0.808	0.808
0.808				
P5Q3V	0.793	0.802	0.802	0.803
0.803				
P5Q3AJ	0.799	0.808	0.809	0.809
0.809				
P5Q3BC	0.796	0.805	0.806	0.806
0.806				
P5Q3BN	0.800	0.809	0.809	0.810
0.809				
P5Q3CF	0.799	0.808	0.809	0.809
0.809				
P5Q3CG	0.799	0.808	0.809	0.809
0.809				
P5Q3CH	0.795	0.804	0.805	0.805
0.805				
P5Q3CI	0.798	0.808	0.808	0.809
0.808				
P5Q3CN	0.800	0.809	0.809	0.810

0.809				
P5Q3C0	0.800	0.809	0.809	0.810
0.809				
P5Q3CQ	0.800	0.809	0.809	0.810
0.809				
P5Q3CW	0.800	0.809	0.810	0.810
0.810				

	Covariance	Coverage		
	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R
K6D61C				
K6D2R_R	0.913			
K6D2Z_R	0.912	0.914		
K6D2AB_R	0.913	0.913	0.914	
K6D2AJ_R	0.912	0.913	0.914	0.914
K6D61C	0.911	0.911	0.911	0.912
0.912				
K6D61D	0.911	0.911	0.911	0.912
0.912				
K6D61E	0.910	0.910	0.911	0.911
0.911				
K6D61K	0.910	0.911	0.911	0.912
0.912				
K6D61L	0.911	0.911	0.912	0.912
0.912				
K6D61M	0.910	0.910	0.910	0.910
0.910				
K6D40_R	0.911	0.911	0.912	0.912
0.912				
K6D48_R	0.911	0.911	0.911	0.912
0.912				
K6F63_R	0.910	0.910	0.910	0.911
0.911				
K6F68_R	0.910	0.910	0.910	0.911
0.911				
K6F74_R	0.910	0.910	0.911	0.911
0.911				
K6D2B_R	0.913	0.913	0.914	0.914
0.912				
K6D2F_R	0.913	0.913	0.914	0.914
0.912				
K6D2G_R	0.913	0.914	0.914	0.914
0.912				
K6D2I_R	0.912	0.912	0.913	0.913
0.911				
K6D2K_R	0.912	0.913	0.913	0.913
0.911				

K6D2L_R 0.912	0.913	0.914	0.914	0.914
K6D2M_R 0.912	0.913	0.914	0.914	0.914
K6D2O_R 0.911	0.912	0.913	0.913	0.913
K6D2S_R 0.912	0.913	0.914	0.914	0.914
K6D2V_R 0.912	0.913	0.914	0.914	0.914
K6D2W_R 0.912	0.913	0.913	0.914	0.914
K6D2Y_R 0.912	0.913	0.913	0.914	0.914
K6D2AA_R 0.912	0.913	0.914	0.914	0.914
K6D2AE_R 0.910	0.912	0.912	0.912	0.912
K6D2AF_R 0.912	0.913	0.913	0.914	0.914
K6D2AH_R 0.901	0.902	0.902	0.903	0.903
P5Q3M 0.806	0.807	0.807	0.808	0.808
P5Q3AB 0.806	0.806	0.806	0.807	0.807
P5Q3AD 0.806	0.806	0.806	0.807	0.807
P5Q3AF 0.807	0.807	0.807	0.808	0.808
P5Q3AH 0.808	0.808	0.808	0.809	0.809
P5Q3AR 0.808	0.808	0.808	0.809	0.809
P5Q3AV 0.808	0.808	0.808	0.809	0.809
P5Q3AX 0.808	0.808	0.809	0.809	0.809
P5Q3BQ 0.807	0.807	0.807	0.808	0.808
P5Q3CK 0.808	0.809	0.809	0.810	0.810
P5Q3DB 0.797	0.797	0.798	0.798	0.798
P5Q3E 0.803	0.803	0.804	0.804	0.804
P5Q3A0 0.807	0.807	0.808	0.808	0.808
P5Q3BK 0.806	0.807	0.807	0.808	0.808

P5Q3B0	0.809	0.809	0.810	0.810
0.809				
P5Q3CU	0.808	0.808	0.809	0.809
0.808				
P5Q3DA	0.805	0.806	0.806	0.806
0.805				
P5Q3AS	0.808	0.808	0.809	0.809
0.808				
P5Q3AU	0.806	0.807	0.808	0.808
0.806				
P5Q3AZ	0.808	0.808	0.809	0.809
0.808				
P5Q3BB1	0.806	0.806	0.807	0.807
0.806				
P5Q3BB2	0.805	0.805	0.806	0.806
0.805				
P5Q3BB5	0.803	0.804	0.804	0.804
0.803				
P5Q3BB6	0.807	0.807	0.808	0.808
0.807				
P5Q3BB7	0.798	0.798	0.799	0.799
0.798				
P5Q3X	0.806	0.806	0.807	0.807
0.806				
P5Q3AA	0.807	0.808	0.808	0.808
0.807				
P5Q3AL	0.808	0.808	0.809	0.809
0.808				
P5Q3AP	0.808	0.809	0.809	0.809
0.808				
P5Q3BI	0.808	0.808	0.809	0.809
0.807				
P5Q3BZ	0.809	0.809	0.810	0.810
0.809				
P5Q3CJ	0.808	0.808	0.809	0.809
0.808				
P5Q3C	0.801	0.801	0.802	0.802
0.801				
P5Q30	0.806	0.807	0.808	0.808
0.806				
P5Q3R	0.808	0.808	0.809	0.809
0.808				
P5Q3S	0.808	0.808	0.809	0.809
0.808				
P5Q3T	0.808	0.808	0.809	0.809
0.807				
P5Q3U	0.807	0.808	0.808	0.808
0.807				
P5Q3V	0.802	0.802	0.803	0.803
0.802				

P5Q3AJ 0.808	0.808	0.808	0.809	0.809
P5Q3BC 0.805	0.805	0.805	0.806	0.806
P5Q3BN 0.808	0.809	0.809	0.810	0.810
P5Q3CF 0.808	0.808	0.808	0.809	0.809
P5Q3CG 0.808	0.808	0.808	0.809	0.809
P5Q3CH 0.804	0.804	0.804	0.805	0.805
P5Q3CI 0.807	0.808	0.808	0.809	0.809
P5Q3CN 0.808	0.809	0.809	0.810	0.810
P5Q3CO 0.808	0.809	0.809	0.810	0.810
P5Q3CQ 0.808	0.809	0.809	0.810	0.810
P5Q3CW 0.809	0.809	0.809	0.810	0.810

	Covariance Coverage			
	K6D61D	K6D61E	K6D61K	K6D61L
K6D61M				
K6D61D	0.912			
K6D61E	0.911	0.912		
K6D61K	0.912	0.911	0.912	
K6D61L	0.912	0.911	0.912	0.912
K6D61M	0.910	0.910	0.910	0.911
0.911				
K6D40_R	0.912	0.911	0.912	0.912
0.910				
K6D48_R	0.912	0.911	0.911	0.912
0.910				
K6F63_R	0.911	0.910	0.911	0.911
0.909				
K6F68_R	0.911	0.910	0.911	0.911
0.909				
K6F74_R	0.911	0.910	0.911	0.911
0.910				
K6D2B_R	0.912	0.911	0.911	0.912
0.910				
K6D2F_R	0.912	0.911	0.912	0.912
0.910				
K6D2G_R	0.912	0.911	0.912	0.912

0.911				
K6D2I_R	0.911	0.910	0.911	0.911
0.910				
K6D2K_R	0.911	0.911	0.911	0.912
0.910				
K6D2L_R	0.912	0.911	0.912	0.912
0.911				
K6D2M_R	0.912	0.911	0.912	0.912
0.911				
K6D2O_R	0.912	0.911	0.911	0.912
0.910				
K6D2S_R	0.912	0.911	0.912	0.912
0.911				
K6D2V_R	0.912	0.911	0.912	0.912
0.911				
K6D2W_R	0.912	0.911	0.911	0.912
0.910				
K6D2Y_R	0.912	0.911	0.911	0.912
0.910				
K6D2AA_R	0.912	0.911	0.912	0.912
0.911				
K6D2AE_R	0.910	0.909	0.910	0.910
0.909				
K6D2AF_R	0.912	0.911	0.912	0.912
0.910				
K6D2AH_R	0.901	0.900	0.900	0.901
0.899				
P5Q3M	0.806	0.806	0.806	0.806
0.805				
P5Q3AB	0.806	0.805	0.805	0.806
0.804				
P5Q3AD	0.806	0.805	0.805	0.806
0.804				
P5Q3AF	0.807	0.806	0.806	0.807
0.805				
P5Q3AH	0.808	0.807	0.807	0.808
0.806				
P5Q3AR	0.808	0.807	0.807	0.808
0.806				
P5Q3AV	0.808	0.807	0.807	0.808
0.806				
P5Q3AX	0.808	0.808	0.808	0.808
0.806				
P5Q3BQ	0.807	0.806	0.806	0.807
0.805				
P5Q3CK	0.808	0.808	0.808	0.808
0.806				
P5Q3DB	0.797	0.797	0.797	0.797
0.795				
P5Q3E	0.803	0.802	0.802	0.803

0.801				
P5Q3A0	0.807	0.806	0.806	0.807
0.805				
P5Q3BK	0.806	0.806	0.806	0.806
0.805				
P5Q3B0	0.809	0.808	0.808	0.809
0.807				
P5Q3CU	0.808	0.807	0.807	0.808
0.806				
P5Q3DA	0.805	0.805	0.805	0.805
0.803				
P5Q3AS	0.808	0.807	0.807	0.808
0.806				
P5Q3AU	0.806	0.806	0.806	0.806
0.804				
P5Q3AZ	0.808	0.807	0.807	0.808
0.806				
P5Q3BB1	0.806	0.805	0.805	0.806
0.804				
P5Q3BB2	0.805	0.804	0.804	0.805
0.803				
P5Q3BB5	0.803	0.802	0.802	0.803
0.801				
P5Q3BB6	0.807	0.806	0.806	0.807
0.805				
P5Q3BB7	0.798	0.797	0.797	0.798
0.796				
P5Q3X	0.806	0.805	0.805	0.806
0.804				
P5Q3AA	0.807	0.806	0.806	0.807
0.805				
P5Q3AL	0.808	0.807	0.807	0.808
0.806				
P5Q3AP	0.808	0.808	0.808	0.808
0.806				
P5Q3BI	0.807	0.807	0.807	0.807
0.805				
P5Q3BZ	0.809	0.808	0.808	0.809
0.807				
P5Q3CJ	0.808	0.807	0.807	0.808
0.806				
P5Q3C	0.801	0.800	0.800	0.801
0.799				
P5Q30	0.806	0.806	0.806	0.806
0.804				
P5Q3R	0.808	0.807	0.807	0.808
0.806				
P5Q3S	0.808	0.807	0.807	0.808
0.806				
P5Q3T	0.807	0.807	0.807	0.807

0.805				
P5Q3U	0.807	0.806	0.806	0.807
0.805				
P5Q3V	0.802	0.801	0.801	0.802
0.800				
P5Q3AJ	0.808	0.807	0.807	0.808
0.806				
P5Q3BC	0.805	0.804	0.804	0.805
0.803				
P5Q3BN	0.808	0.808	0.808	0.808
0.806				
P5Q3CF	0.808	0.807	0.807	0.808
0.806				
P5Q3CG	0.808	0.807	0.807	0.808
0.806				
P5Q3CH	0.804	0.803	0.803	0.804
0.802				
P5Q3CI	0.807	0.807	0.807	0.807
0.805				
P5Q3CN	0.808	0.808	0.808	0.808
0.806				
P5Q3C0	0.808	0.808	0.808	0.808
0.806				
P5Q3CQ	0.808	0.808	0.808	0.808
0.806				
P5Q3CW	0.809	0.808	0.808	0.809
0.807				

	Covariance Coverage			
	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
K6D40_R	0.913			
K6D48_R	0.912	0.912		
K6F63_R	0.911	0.911	0.911	
K6F68_R	0.911	0.911	0.911	0.911
K6F74_R	0.911	0.911	0.911	0.911
0.911				
K6D2B_R	0.912	0.912	0.911	0.911
0.911				
K6D2F_R	0.912	0.912	0.911	0.911
0.911				
K6D2G_R	0.912	0.912	0.911	0.911
0.911				
K6D2I_R	0.911	0.911	0.910	0.910
0.910				
K6D2K_R	0.912	0.911	0.910	0.910
0.911				

K6D2L_R 0.911	0.912	0.912	0.911	0.911
K6D2M_R 0.911	0.912	0.912	0.911	0.911
K6D2O_R 0.911	0.912	0.911	0.910	0.910
K6D2S_R 0.911	0.912	0.912	0.911	0.911
K6D2V_R 0.911	0.912	0.912	0.911	0.911
K6D2W_R 0.911	0.912	0.912	0.911	0.911
K6D2Y_R 0.911	0.912	0.912	0.911	0.911
K6D2AA_R 0.911	0.912	0.912	0.911	0.911
K6D2AE_R 0.909	0.910	0.910	0.909	0.909
K6D2AF_R 0.911	0.912	0.912	0.911	0.911
K6D2AH_R 0.900	0.901	0.900	0.900	0.900
P5Q3M 0.806	0.807	0.806	0.806	0.805
P5Q3AB 0.805	0.806	0.806	0.805	0.805
P5Q3AD 0.805	0.806	0.806	0.805	0.805
P5Q3AF 0.806	0.807	0.807	0.806	0.806
P5Q3AH 0.807	0.808	0.808	0.807	0.807
P5Q3AR 0.807	0.808	0.808	0.807	0.806
P5Q3AV 0.807	0.808	0.808	0.807	0.807
P5Q3AX 0.807	0.808	0.808	0.807	0.807
P5Q3BQ 0.806	0.807	0.807	0.806	0.806
P5Q3CK 0.808	0.809	0.808	0.808	0.807
P5Q3DB 0.796	0.797	0.797	0.796	0.796
P5Q3E 0.802	0.803	0.803	0.802	0.802
P5Q3A0 0.806	0.807	0.807	0.806	0.806
P5Q3BK 0.806	0.807	0.806	0.806	0.805

P5Q3B0	0.809	0.809	0.808	0.808
0.808				
P5Q3CU	0.808	0.808	0.807	0.807
0.807				
P5Q3DA	0.805	0.805	0.804	0.804
0.804				
P5Q3AS	0.808	0.808	0.807	0.806
0.807				
P5Q3AU	0.806	0.806	0.805	0.805
0.805				
P5Q3AZ	0.808	0.808	0.807	0.806
0.807				
P5Q3BB1	0.806	0.806	0.805	0.805
0.805				
P5Q3BB2	0.805	0.805	0.804	0.804
0.804				
P5Q3BB5	0.803	0.803	0.802	0.802
0.802				
P5Q3BB6	0.807	0.807	0.806	0.806
0.806				
P5Q3BB7	0.798	0.798	0.797	0.797
0.797				
P5Q3X	0.806	0.806	0.805	0.805
0.805				
P5Q3AA	0.807	0.807	0.806	0.806
0.806				
P5Q3AL	0.808	0.808	0.807	0.806
0.807				
P5Q3AP	0.808	0.808	0.807	0.807
0.807				
P5Q3BI	0.808	0.807	0.806	0.806
0.806				
P5Q3BZ	0.809	0.809	0.808	0.808
0.808				
P5Q3CJ	0.808	0.808	0.807	0.806
0.807				
P5Q3C	0.801	0.801	0.800	0.800
0.800				
P5Q30	0.806	0.806	0.805	0.805
0.805				
P5Q3R	0.808	0.808	0.807	0.806
0.807				
P5Q3S	0.808	0.808	0.807	0.806
0.807				
P5Q3T	0.808	0.807	0.806	0.806
0.806				
P5Q3U	0.807	0.807	0.806	0.806
0.806				
P5Q3V	0.802	0.802	0.801	0.801
0.801				

P5Q3AJ 0.807	0.808	0.808	0.807	0.807
P5Q3BC 0.804	0.805	0.805	0.804	0.804
P5Q3BN 0.808	0.809	0.808	0.808	0.807
P5Q3CF 0.807	0.808	0.808	0.807	0.807
P5Q3CG 0.807	0.808	0.808	0.807	0.806
P5Q3CH 0.803	0.804	0.804	0.803	0.803
P5Q3CI 0.806	0.808	0.807	0.806	0.806
P5Q3CN 0.808	0.809	0.808	0.808	0.807
P5Q3CO 0.808	0.809	0.808	0.808	0.807
P5Q3CQ 0.808	0.809	0.808	0.808	0.807
P5Q3CW 0.808	0.809	0.809	0.808	0.808

	Covariance Coverage			
K6D2K_R	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2B_R	0.914			
K6D2F_R	0.914	0.915		
K6D2G_R	0.914	0.915	0.915	
K6D2I_R	0.913	0.914	0.914	0.914
K6D2K_R	0.914	0.914	0.914	0.913
K6D2L_R	0.914	0.915	0.915	0.914
K6D2M_R	0.914	0.915	0.915	0.914
K6D2O_R	0.914	0.914	0.914	0.913
K6D2S_R	0.914	0.915	0.915	0.914
K6D2V_R	0.914	0.915	0.915	0.914
K6D2W_R	0.914	0.914	0.914	0.914
K6D2Y_R	0.914	0.914	0.914	0.913
K6D2AA_R	0.914	0.915	0.915	0.914

0.914				
K6D2AE_R	0.912	0.912	0.913	0.912
0.912				
K6D2AF_R	0.914	0.914	0.915	0.914
0.914				
K6D2AH_R	0.903	0.903	0.903	0.902
0.903				
P5Q3M	0.808	0.808	0.808	0.807
0.808				
P5Q3AB	0.807	0.808	0.808	0.807
0.807				
P5Q3AD	0.807	0.807	0.808	0.806
0.807				
P5Q3AF	0.808	0.808	0.809	0.808
0.808				
P5Q3AH	0.809	0.809	0.810	0.809
0.809				
P5Q3AR	0.809	0.809	0.809	0.808
0.809				
P5Q3AV	0.809	0.809	0.810	0.809
0.809				
P5Q3AX	0.809	0.810	0.810	0.809
0.809				
P5Q3BQ	0.808	0.808	0.809	0.808
0.808				
P5Q3CK	0.810	0.810	0.810	0.809
0.809				
P5Q3DB	0.798	0.799	0.799	0.798
0.798				
P5Q3E	0.804	0.805	0.805	0.804
0.804				
P5Q3A0	0.808	0.809	0.809	0.808
0.808				
P5Q3BK	0.808	0.808	0.808	0.807
0.808				
P5Q3B0	0.810	0.810	0.810	0.809
0.810				
P5Q3CU	0.809	0.809	0.810	0.809
0.809				
P5Q3DA	0.806	0.807	0.807	0.806
0.806				
P5Q3AS	0.809	0.809	0.809	0.808
0.809				
P5Q3AU	0.808	0.808	0.808	0.807
0.807				
P5Q3AZ	0.809	0.809	0.809	0.808
0.809				
P5Q3BB1	0.807	0.807	0.808	0.806
0.807				
P5Q3BB2	0.806	0.806	0.806	0.805

0.806				
P5Q3BB5	0.804	0.805	0.805	0.804
0.804				
P5Q3BB6	0.808	0.808	0.809	0.808
0.808				
P5Q3BB7	0.799	0.799	0.800	0.798
0.799				
P5Q3X	0.807	0.808	0.808	0.807
0.807				
P5Q3AA	0.808	0.809	0.809	0.808
0.808				
P5Q3AL	0.809	0.809	0.809	0.808
0.809				
P5Q3AP	0.809	0.810	0.810	0.809
0.809				
P5Q3BI	0.809	0.809	0.809	0.808
0.808				
P5Q3BZ	0.810	0.810	0.811	0.810
0.810				
P5Q3CJ	0.809	0.809	0.809	0.808
0.809				
P5Q3C	0.802	0.802	0.803	0.802
0.802				
P5Q30	0.808	0.808	0.808	0.807
0.807				
P5Q3R	0.809	0.809	0.809	0.808
0.809				
P5Q3S	0.809	0.809	0.809	0.808
0.809				
P5Q3T	0.809	0.809	0.809	0.808
0.808				
P5Q3U	0.808	0.809	0.809	0.808
0.808				
P5Q3V	0.803	0.803	0.803	0.802
0.802				
P5Q3AJ	0.809	0.809	0.810	0.809
0.809				
P5Q3BC	0.806	0.806	0.807	0.806
0.806				
P5Q3BN	0.810	0.810	0.810	0.809
0.809				
P5Q3CF	0.809	0.809	0.810	0.809
0.809				
P5Q3CG	0.809	0.809	0.809	0.808
0.809				
P5Q3CH	0.805	0.805	0.806	0.805
0.805				
P5Q3CI	0.809	0.809	0.809	0.808
0.808				
P5Q3CN	0.810	0.810	0.810	0.809

0.809				
P5Q3C0	0.810	0.810	0.810	0.809
0.809				
P5Q3CQ	0.810	0.810	0.810	0.809
0.809				
P5Q3CW	0.810	0.810	0.810	0.809
0.810				

	Covariance Coverage			
	K6D2L_R	K6D2M_R	K6D20_R	K6D2S_R
K6D2V_R				
K6D2L_R	0.915			
K6D2M_R	0.915	0.915		
K6D20_R	0.914	0.914	0.914	
K6D2S_R	0.915	0.915	0.914	0.915
K6D2V_R	0.915	0.915	0.914	0.915
0.915				
K6D2W_R	0.914	0.914	0.914	0.914
0.914				
K6D2Y_R	0.914	0.914	0.914	0.914
0.914				
K6D2AA_R	0.915	0.915	0.914	0.915
0.915				
K6D2AE_R	0.913	0.913	0.912	0.913
0.913				
K6D2AF_R	0.915	0.915	0.914	0.915
0.915				
K6D2AH_R	0.903	0.903	0.902	0.903
0.903				
P5Q3M	0.808	0.808	0.808	0.808
0.808				
P5Q3AB	0.808	0.808	0.807	0.808
0.808				
P5Q3AD	0.808	0.808	0.807	0.808
0.808				
P5Q3AF	0.809	0.809	0.808	0.809
0.809				
P5Q3AH	0.810	0.810	0.809	0.810
0.810				
P5Q3AR	0.809	0.809	0.809	0.809
0.809				
P5Q3AV	0.810	0.810	0.809	0.810
0.810				
P5Q3AX	0.810	0.810	0.809	0.810
0.810				
P5Q3BQ	0.809	0.809	0.808	0.809
0.809				

P5Q3CK 0.810	0.810	0.810	0.810	0.810
P5Q3DB 0.799	0.799	0.799	0.798	0.799
P5Q3E 0.805	0.805	0.805	0.804	0.805
P5Q3A0 0.809	0.809	0.809	0.808	0.809
P5Q3BK 0.808	0.808	0.808	0.808	0.808
P5Q3B0 0.810	0.810	0.810	0.810	0.810
P5Q3CU 0.810	0.810	0.810	0.809	0.810
P5Q3DA 0.807	0.807	0.807	0.806	0.807
P5Q3AS 0.809	0.809	0.809	0.809	0.809
P5Q3AU 0.808	0.808	0.808	0.808	0.808
P5Q3AZ 0.809	0.809	0.809	0.809	0.809
P5Q3BB1 0.808	0.808	0.808	0.807	0.808
P5Q3BB2 0.806	0.806	0.806	0.806	0.806
P5Q3BB5 0.805	0.805	0.805	0.804	0.805
P5Q3BB6 0.809	0.809	0.809	0.808	0.809
P5Q3BB7 0.800	0.800	0.800	0.799	0.800
P5Q3X 0.808	0.808	0.808	0.807	0.808
P5Q3AA 0.809	0.809	0.809	0.808	0.809
P5Q3AL 0.809	0.809	0.809	0.809	0.809
P5Q3AP 0.810	0.810	0.810	0.809	0.810
P5Q3BI 0.809	0.809	0.809	0.809	0.809
P5Q3BZ 0.811	0.811	0.811	0.810	0.811
P5Q3CJ 0.809	0.809	0.809	0.809	0.809
P5Q3C 0.803	0.803	0.803	0.802	0.803
P5Q30 0.808	0.808	0.808	0.808	0.808

P5Q3R	0.809	0.809	0.809	0.809
0.809				
P5Q3S	0.809	0.809	0.809	0.809
0.809				
P5Q3T	0.809	0.809	0.809	0.809
0.809				
P5Q3U	0.809	0.809	0.808	0.809
0.809				
P5Q3V	0.803	0.803	0.803	0.803
0.803				
P5Q3AJ	0.810	0.810	0.809	0.810
0.810				
P5Q3BC	0.807	0.807	0.806	0.807
0.807				
P5Q3BN	0.810	0.810	0.810	0.810
0.810				
P5Q3CF	0.810	0.810	0.809	0.810
0.810				
P5Q3CG	0.809	0.809	0.809	0.809
0.809				
P5Q3CH	0.806	0.806	0.805	0.806
0.806				
P5Q3CI	0.809	0.809	0.809	0.809
0.809				
P5Q3CN	0.810	0.810	0.810	0.810
0.810				
P5Q3C0	0.810	0.810	0.810	0.810
0.810				
P5Q3CQ	0.810	0.810	0.810	0.810
0.810				
P5Q3CW	0.810	0.810	0.810	0.810
0.810				

	Covariance Coverage			
	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
K6D2W_R	0.914			
K6D2Y_R	0.914	0.914		
K6D2AA_R	0.914	0.914	0.915	
K6D2AE_R	0.912	0.912	0.913	0.913
K6D2AF_R	0.914	0.914	0.915	0.912
0.915				
K6D2AH_R	0.903	0.903	0.903	0.901
0.903				
P5Q3M	0.808	0.808	0.808	0.806
0.808				
P5Q3AB	0.807	0.808	0.808	0.806

0.808				
P5Q3AD	0.807	0.807	0.808	0.806
0.808				
P5Q3AF	0.808	0.808	0.809	0.807
0.809				
P5Q3AH	0.809	0.809	0.810	0.808
0.810				
P5Q3AR	0.809	0.809	0.809	0.808
0.809				
P5Q3AV	0.809	0.809	0.810	0.808
0.810				
P5Q3AX	0.809	0.810	0.810	0.808
0.810				
P5Q3BQ	0.808	0.808	0.809	0.807
0.809				
P5Q3CK	0.810	0.810	0.810	0.808
0.810				
P5Q3DB	0.798	0.799	0.799	0.797
0.799				
P5Q3E	0.804	0.805	0.805	0.803
0.805				
P5Q3A0	0.808	0.809	0.809	0.807
0.809				
P5Q3BK	0.808	0.808	0.808	0.806
0.808				
P5Q3B0	0.810	0.810	0.810	0.809
0.810				
P5Q3CU	0.809	0.809	0.810	0.808
0.810				
P5Q3DA	0.806	0.807	0.807	0.805
0.807				
P5Q3AS	0.809	0.809	0.809	0.808
0.809				
P5Q3AU	0.808	0.808	0.808	0.806
0.808				
P5Q3AZ	0.809	0.809	0.809	0.808
0.809				
P5Q3BB1	0.807	0.807	0.808	0.806
0.808				
P5Q3BB2	0.806	0.806	0.806	0.805
0.806				
P5Q3BB5	0.804	0.805	0.805	0.803
0.805				
P5Q3BB6	0.808	0.808	0.809	0.807
0.809				
P5Q3BB7	0.799	0.799	0.800	0.798
0.800				
P5Q3X	0.807	0.808	0.808	0.806
0.808				
P5Q3AA	0.808	0.809	0.809	0.807

0.809				
P5Q3AL	0.809	0.809	0.809	0.808
0.809				
P5Q3AP	0.809	0.810	0.810	0.808
0.810				
P5Q3BI	0.809	0.809	0.809	0.807
0.809				
P5Q3BZ	0.810	0.810	0.811	0.809
0.811				
P5Q3CJ	0.809	0.809	0.809	0.808
0.809				
P5Q3C	0.802	0.802	0.803	0.801
0.803				
P5Q30	0.808	0.808	0.808	0.806
0.808				
P5Q3R	0.809	0.809	0.809	0.808
0.809				
P5Q3S	0.809	0.809	0.809	0.808
0.809				
P5Q3T	0.809	0.809	0.809	0.807
0.809				
P5Q3U	0.808	0.809	0.809	0.807
0.809				
P5Q3V	0.803	0.803	0.803	0.801
0.803				
P5Q3AJ	0.809	0.809	0.810	0.808
0.810				
P5Q3BC	0.806	0.806	0.807	0.805
0.807				
P5Q3BN	0.810	0.810	0.810	0.808
0.810				
P5Q3CF	0.809	0.809	0.810	0.808
0.810				
P5Q3CG	0.809	0.809	0.809	0.808
0.809				
P5Q3CH	0.805	0.805	0.806	0.804
0.806				
P5Q3CI	0.809	0.809	0.809	0.807
0.809				
P5Q3CN	0.810	0.810	0.810	0.808
0.810				
P5Q3C0	0.810	0.810	0.810	0.808
0.810				
P5Q3CQ	0.810	0.810	0.810	0.808
0.810				
P5Q3CW	0.810	0.810	0.810	0.809
0.810				

Covariance Coverage

P5Q3AF	K6D2AH_R	P5Q3M	P5Q3AB	P5Q3AD
K6D2AH_R	0.903			
P5Q3M	0.797	0.889		
P5Q3AB	0.797	0.884	0.888	
P5Q3AD	0.797	0.885	0.885	0.888
P5Q3AF	0.798	0.886	0.886	0.886
0.889				
P5Q3AH	0.799	0.887	0.887	0.887
0.888				
P5Q3AR	0.798	0.887	0.887	0.887
0.888				
P5Q3AV	0.799	0.887	0.887	0.887
0.888				
P5Q3AX	0.799	0.887	0.887	0.888
0.888				
P5Q3BQ	0.798	0.885	0.884	0.885
0.886				
P5Q3CK	0.799	0.887	0.887	0.887
0.888				
P5Q3DB	0.788	0.875	0.874	0.874
0.876				
P5Q3E	0.794	0.884	0.881	0.881
0.882				
P5Q3A0	0.798	0.886	0.887	0.887
0.888				
P5Q3BK	0.797	0.885	0.884	0.884
0.885				
P5Q3B0	0.800	0.887	0.886	0.887
0.888				
P5Q3CU	0.799	0.887	0.886	0.887
0.888				
P5Q3DA	0.796	0.884	0.883	0.883
0.885				
P5Q3AS	0.798	0.886	0.886	0.887
0.888				
P5Q3AU	0.797	0.885	0.885	0.885
0.886				
P5Q3AZ	0.798	0.887	0.886	0.887
0.888				
P5Q3BB1	0.797	0.885	0.884	0.885
0.886				
P5Q3BB2	0.796	0.883	0.883	0.883
0.884				
P5Q3BB5	0.794	0.882	0.881	0.882
0.883				
P5Q3BB6	0.798	0.885	0.884	0.885
0.886				

P5Q3BB7 0.877	0.789	0.876	0.875	0.876
P5Q3X 0.886	0.797	0.885	0.885	0.885
P5Q3AA 0.887	0.798	0.886	0.886	0.887
P5Q3AL 0.888	0.798	0.886	0.887	0.887
P5Q3AP 0.888	0.799	0.887	0.887	0.887
P5Q3BI 0.887	0.798	0.886	0.885	0.886
P5Q3BZ 0.888	0.800	0.888	0.887	0.888
P5Q3CJ 0.887	0.798	0.886	0.885	0.885
P5Q3C 0.880	0.792	0.882	0.878	0.880
P5Q30 0.886	0.797	0.887	0.884	0.884
P5Q3R 0.887	0.798	0.889	0.885	0.885
P5Q3S 0.888	0.798	0.889	0.886	0.886
P5Q3T 0.888	0.798	0.887	0.886	0.887
P5Q3U 0.888	0.798	0.886	0.886	0.887
P5Q3V 0.880	0.793	0.879	0.879	0.879
P5Q3AJ 0.889	0.799	0.887	0.887	0.888
P5Q3BC 0.885	0.796	0.884	0.883	0.884
P5Q3BN 0.888	0.799	0.888	0.887	0.887
P5Q3CF 0.887	0.799	0.887	0.885	0.886
P5Q3CG 0.887	0.798	0.887	0.886	0.886
P5Q3CH 0.882	0.795	0.882	0.881	0.881
P5Q3CI 0.886	0.798	0.886	0.885	0.885
P5Q3CN 0.888	0.800	0.887	0.887	0.887
P5Q3C0 0.888	0.800	0.888	0.886	0.887
P5Q3CQ 0.888	0.800	0.887	0.886	0.887

P5Q3CW 0.888	0.800	0.888	0.887	0.887
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P5Q3BQ	Covariance Coverage		P5Q3AV	P5Q3AX
	P5Q3AH	P5Q3AR		
P5Q3AH	0.890			
P5Q3AR	0.889	0.891		
P5Q3AV	0.889	0.890	0.891	
P5Q3AX	0.889	0.889	0.889	0.891
P5Q3BQ	0.887	0.887	0.887	0.887
0.889				
P5Q3CK	0.889	0.889	0.889	0.889
0.888				
P5Q3DB	0.876	0.876	0.877	0.877
0.875				
P5Q3E	0.883	0.883	0.883	0.883
0.882				
P5Q3A0	0.889	0.888	0.888	0.889
0.886				
P5Q3BK	0.886	0.887	0.887	0.887
0.885				
P5Q3B0	0.888	0.889	0.889	0.889
0.888				
P5Q3CU	0.888	0.889	0.889	0.889
0.887				
P5Q3DA	0.885	0.886	0.886	0.886
0.884				
P5Q3AS	0.888	0.889	0.889	0.889
0.886				
P5Q3AU	0.887	0.888	0.888	0.888
0.885				
P5Q3AZ	0.888	0.889	0.889	0.889
0.887				
P5Q3BB1	0.886	0.887	0.887	0.887
0.884				
P5Q3BB2	0.885	0.885	0.885	0.885
0.883				
P5Q3BB5	0.884	0.884	0.884	0.884
0.882				
P5Q3BB6	0.886	0.887	0.887	0.887
0.884				
P5Q3BB7	0.877	0.878	0.878	0.878
0.876				
P5Q3X	0.887	0.887	0.887	0.887
0.884				
P5Q3AA	0.888	0.888	0.888	0.889

0.886				
P5Q3AL	0.889	0.889	0.889	0.889
0.887				
P5Q3AP	0.889	0.889	0.889	0.889
0.887				
P5Q3BI	0.887	0.888	0.888	0.888
0.887				
P5Q3BZ	0.889	0.889	0.889	0.890
0.888				
P5Q3CJ	0.888	0.888	0.888	0.888
0.886				
P5Q3C	0.881	0.881	0.881	0.881
0.880				
P5Q30	0.886	0.887	0.887	0.887
0.885				
P5Q3R	0.887	0.888	0.888	0.888
0.886				
P5Q3S	0.888	0.888	0.888	0.888
0.887				
P5Q3T	0.888	0.888	0.889	0.889
0.886				
P5Q3U	0.888	0.889	0.888	0.889
0.886				
P5Q3V	0.881	0.881	0.881	0.881
0.878				
P5Q3AJ	0.889	0.889	0.889	0.890
0.887				
P5Q3BC	0.885	0.886	0.886	0.886
0.883				
P5Q3BN	0.889	0.889	0.889	0.889
0.888				
P5Q3CF	0.888	0.888	0.888	0.888
0.886				
P5Q3CG	0.888	0.889	0.889	0.889
0.887				
P5Q3CH	0.884	0.884	0.884	0.884
0.882				
P5Q3CI	0.887	0.887	0.888	0.887
0.885				
P5Q3CN	0.889	0.889	0.889	0.890
0.888				
P5Q3C0	0.888	0.889	0.889	0.889
0.887				
P5Q3CQ	0.888	0.889	0.889	0.889
0.887				
P5Q3CW	0.889	0.890	0.890	0.890
0.888				

Covariance Coverage

P5Q3BK	P5Q3CK	P5Q3DB	P5Q3E	P5Q3A0
P5Q3CK	0.891			
P5Q3DB	0.877	0.878		
P5Q3E	0.884	0.872	0.885	
P5Q3A0	0.888	0.876	0.882	0.890
P5Q3BK	0.887	0.874	0.881	0.886
0.888				
P5Q3B0	0.889	0.877	0.883	0.888
0.887				
P5Q3CU	0.890	0.877	0.883	0.888
0.887				
P5Q3DA	0.886	0.875	0.880	0.885
0.883				
P5Q3AS	0.888	0.876	0.882	0.888
0.886				
P5Q3AU	0.887	0.874	0.881	0.887
0.885				
P5Q3AZ	0.889	0.876	0.883	0.888
0.886				
P5Q3BB1	0.887	0.874	0.881	0.886
0.884				
P5Q3BB2	0.885	0.872	0.880	0.884
0.882				
P5Q3BB5	0.884	0.871	0.878	0.883
0.881				
P5Q3BB6	0.887	0.874	0.881	0.886
0.884				
P5Q3BB7	0.878	0.865	0.872	0.877
0.875				
P5Q3X	0.887	0.874	0.881	0.886
0.884				
P5Q3AA	0.888	0.876	0.882	0.888
0.885				
P5Q3AL	0.889	0.876	0.882	0.888
0.886				
P5Q3AP	0.889	0.876	0.883	0.889
0.886				
P5Q3BI	0.888	0.876	0.882	0.887
0.887				
P5Q3BZ	0.890	0.878	0.884	0.889
0.888				
P5Q3CJ	0.889	0.876	0.882	0.887
0.886				
P5Q3C	0.882	0.870	0.878	0.880
0.879				
P5Q30	0.887	0.875	0.883	0.886
0.884				

P5Q3R 0.885	0.888	0.876	0.885	0.887
P5Q3S 0.886	0.889	0.876	0.885	0.887
P5Q3T 0.885	0.888	0.876	0.883	0.888
P5Q3U 0.886	0.888	0.876	0.882	0.888
P5Q3V 0.878	0.881	0.868	0.875	0.880
P5Q3AJ 0.887	0.889	0.877	0.883	0.890
P5Q3BC 0.883	0.885	0.873	0.880	0.885
P5Q3BN 0.887	0.889	0.877	0.884	0.888
P5Q3CF 0.886	0.889	0.876	0.882	0.887
P5Q3CG 0.887	0.889	0.876	0.883	0.888
P5Q3CH 0.882	0.885	0.873	0.879	0.883
P5Q3CI 0.885	0.888	0.876	0.882	0.886
P5Q3CN 0.887	0.890	0.877	0.884	0.889
P5Q3CO 0.887	0.890	0.877	0.884	0.888
P5Q3CQ 0.887	0.890	0.877	0.883	0.888
P5Q3CW 0.888	0.891	0.877	0.884	0.889

P5Q3AU	Covariance Coverage		P5Q3DA	P5Q3AS
	P5Q3B0	P5Q3CU		
P5Q3B0	0.891			
P5Q3CU	0.889	0.891		
P5Q3DA	0.886	0.886	0.888	
P5Q3AS	0.888	0.888	0.885	0.890
P5Q3AU	0.887	0.887	0.884	0.887
0.889				
P5Q3AZ	0.888	0.888	0.885	0.889
0.887				
P5Q3BB1	0.886	0.886	0.883	0.886
0.885				
P5Q3BB2	0.885	0.885	0.882	0.885

0.883				
P5Q3BB5	0.884	0.884	0.881	0.884
0.882				
P5Q3BB6	0.886	0.886	0.883	0.886
0.885				
P5Q3BB7	0.877	0.878	0.874	0.878
0.876				
P5Q3X	0.886	0.886	0.883	0.886
0.884				
P5Q3AA	0.888	0.888	0.884	0.888
0.886				
P5Q3AL	0.888	0.888	0.885	0.888
0.887				
P5Q3AP	0.889	0.888	0.885	0.888
0.887				
P5Q3BI	0.888	0.888	0.885	0.887
0.886				
P5Q3BZ	0.890	0.890	0.887	0.889
0.887				
P5Q3CJ	0.888	0.888	0.885	0.887
0.886				
P5Q3C	0.882	0.881	0.878	0.880
0.879				
P5Q30	0.887	0.887	0.884	0.886
0.884				
P5Q3R	0.888	0.888	0.885	0.887
0.886				
P5Q3S	0.888	0.888	0.885	0.888
0.886				
P5Q3T	0.888	0.888	0.885	0.888
0.886				
P5Q3U	0.888	0.888	0.885	0.888
0.886				
P5Q3V	0.881	0.880	0.878	0.880
0.879				
P5Q3AJ	0.889	0.889	0.886	0.889
0.888				
P5Q3BC	0.885	0.885	0.882	0.885
0.884				
P5Q3BN	0.889	0.889	0.887	0.889
0.887				
P5Q3CF	0.888	0.888	0.885	0.887
0.886				
P5Q3CG	0.889	0.889	0.886	0.888
0.887				
P5Q3CH	0.884	0.884	0.881	0.883
0.882				
P5Q3CI	0.887	0.888	0.885	0.887
0.885				
P5Q3CN	0.889	0.890	0.886	0.888

0.887				
P5Q3C0	0.889	0.890	0.886	0.888
0.888				
P5Q3CQ	0.889	0.889	0.886	0.888
0.887				
P5Q3CW	0.890	0.890	0.887	0.889
0.888				

	Covariance	Coverage		
P5Q3BB6	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
P5Q3AZ	0.891			
P5Q3BB1	0.887	0.888		
P5Q3BB2	0.885	0.885	0.887	
P5Q3BB5	0.884	0.883	0.882	0.886
P5Q3BB6	0.887	0.886	0.885	0.884
0.888				
P5Q3BB7	0.878	0.877	0.876	0.875
0.878				
P5Q3X	0.886	0.884	0.883	0.882
0.884				
P5Q3AA	0.888	0.886	0.884	0.883
0.886				
P5Q3AL	0.888	0.886	0.885	0.884
0.886				
P5Q3AP	0.889	0.887	0.885	0.884
0.887				
P5Q3BI	0.888	0.885	0.884	0.883
0.885				
P5Q3BZ	0.889	0.887	0.885	0.884
0.887				
P5Q3CJ	0.887	0.885	0.884	0.882
0.885				
P5Q3C	0.881	0.879	0.877	0.876
0.879				
P5Q30	0.886	0.884	0.883	0.881
0.884				
P5Q3R	0.888	0.885	0.884	0.883
0.885				
P5Q3S	0.888	0.886	0.884	0.883
0.886				
P5Q3T	0.888	0.886	0.885	0.883
0.886				
P5Q3U	0.888	0.886	0.884	0.883
0.886				
P5Q3V	0.881	0.879	0.877	0.876
0.878				

P5Q3AJ 0.887	0.889	0.887	0.885	0.884
P5Q3BC 0.884	0.886	0.884	0.882	0.882
P5Q3BN 0.887	0.889	0.887	0.886	0.885
P5Q3CF 0.885	0.888	0.885	0.884	0.883
P5Q3CG 0.886	0.888	0.886	0.885	0.884
P5Q3CH 0.881	0.883	0.881	0.880	0.878
P5Q3CI 0.885	0.887	0.885	0.883	0.882
P5Q3CN 0.887	0.889	0.887	0.885	0.884
P5Q3CO 0.887	0.889	0.887	0.885	0.884
P5Q3CQ 0.887	0.888	0.887	0.885	0.884
P5Q3CW 0.887	0.889	0.887	0.886	0.885

	Covariance P5Q3BB7	Coverage P5Q3X	P5Q3AA	P5Q3AL
P5Q3AP				
P5Q3BB7	0.880			
P5Q3X	0.876	0.888		
P5Q3AA	0.877	0.886	0.889	
P5Q3AL	0.877	0.887	0.888	0.890
P5Q3AP	0.878	0.887	0.888	0.889
0.890				
P5Q3BI	0.877	0.885	0.887	0.887
0.888				
P5Q3BZ	0.878	0.887	0.889	0.889
0.889				
P5Q3CJ	0.876	0.885	0.887	0.887
0.887				
P5Q3C	0.870	0.879	0.880	0.881
0.881				
P5Q3O	0.875	0.884	0.885	0.886
0.886				
P5Q3R	0.877	0.885	0.887	0.887
0.887				
P5Q3S	0.877	0.886	0.887	0.888
0.888				
P5Q3T	0.877	0.886	0.888	0.888

0.888				
P5Q3U	0.877	0.886	0.888	0.888
0.888				
P5Q3V	0.870	0.879	0.880	0.881
0.881				
P5Q3AJ	0.878	0.887	0.889	0.889
0.889				
P5Q3BC	0.875	0.883	0.885	0.885
0.885				
P5Q3BN	0.878	0.887	0.888	0.889
0.889				
P5Q3CF	0.877	0.885	0.887	0.887
0.888				
P5Q3CG	0.877	0.886	0.887	0.888
0.888				
P5Q3CH	0.872	0.881	0.882	0.883
0.883				
P5Q3CI	0.876	0.885	0.886	0.887
0.887				
P5Q3CN	0.878	0.887	0.888	0.889
0.889				
P5Q3C0	0.878	0.886	0.888	0.888
0.889				
P5Q3CQ	0.878	0.886	0.888	0.888
0.889				
P5Q3CW	0.878	0.887	0.888	0.889
0.889				

	Covariance Coverage			
	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
P5Q30				
P5Q3BI	0.890			
P5Q3BZ	0.889	0.892		
P5Q3CJ	0.887	0.889	0.889	
P5Q3C	0.880	0.882	0.880	0.883
P5Q30	0.886	0.888	0.886	0.881
0.889				
P5Q3R	0.887	0.889	0.887	0.883
0.888				
P5Q3S	0.888	0.889	0.887	0.883
0.888				
P5Q3T	0.887	0.889	0.887	0.880
0.886				
P5Q3U	0.887	0.889	0.887	0.880
0.885				
P5Q3V	0.880	0.881	0.879	0.873
0.878				

P5Q3AJ 0.887	0.888	0.890	0.888	0.881
P5Q3BC 0.883	0.884	0.886	0.884	0.878
P5Q3BN 0.888	0.889	0.890	0.888	0.882
P5Q3CF 0.886	0.887	0.889	0.888	0.881
P5Q3CG 0.887	0.888	0.889	0.888	0.881
P5Q3CH 0.882	0.883	0.885	0.884	0.876
P5Q3CI 0.885	0.887	0.888	0.887	0.880
P5Q3CN 0.887	0.888	0.890	0.889	0.882
P5Q3CO 0.887	0.888	0.890	0.888	0.882
P5Q3CQ 0.887	0.888	0.890	0.888	0.881
P5Q3CW 0.888	0.889	0.891	0.889	0.882

	Covariance Coverage			
P5Q3V	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3R	0.890			
P5Q3S	0.890	0.890		
P5Q3T	0.887	0.888	0.890	
P5Q3U	0.887	0.887	0.888	0.890
P5Q3V	0.880	0.880	0.881	0.880
0.882				
P5Q3AJ	0.888	0.888	0.889	0.889
0.881				
P5Q3BC	0.884	0.885	0.885	0.885
0.877				
P5Q3BN	0.889	0.889	0.889	0.888
0.881				
P5Q3CF	0.887	0.888	0.887	0.887
0.880				
P5Q3CG	0.888	0.888	0.888	0.888
0.880				
P5Q3CH	0.883	0.884	0.883	0.883
0.875				
P5Q3CI	0.887	0.887	0.887	0.886
0.879				
P5Q3CN	0.888	0.889	0.888	0.888

0.881				
P5Q3C0	0.888	0.889	0.888	0.888
0.881				
P5Q3CQ	0.888	0.888	0.888	0.888
0.881				
P5Q3CW	0.889	0.889	0.889	0.889
0.881				

	Covariance P5Q3AJ	Coverage P5Q3BC		
P5Q3CG			P5Q3BN	P5Q3CF
P5Q3AJ	0.891			
P5Q3BC	0.886	0.887		
P5Q3BN	0.889	0.886	0.891	
P5Q3CF	0.888	0.884	0.889	0.890
P5Q3CG	0.889	0.885	0.889	0.889
0.891				
P5Q3CH	0.884	0.880	0.884	0.884
0.884				
P5Q3CI	0.887	0.884	0.888	0.887
0.888				
P5Q3CN	0.889	0.885	0.889	0.889
0.889				
P5Q3C0	0.889	0.886	0.890	0.889
0.890				
P5Q3CQ	0.889	0.885	0.889	0.889
0.889				
P5Q3CW	0.890	0.886	0.890	0.889
0.890				

	Covariance P5Q3CH	Coverage P5Q3CI		
P5Q3CQ			P5Q3CN	P5Q3C0
P5Q3CH	0.886			
P5Q3CI	0.883	0.889		
P5Q3CN	0.885	0.888	0.891	
P5Q3C0	0.885	0.888	0.890	0.891
P5Q3CQ	0.884	0.888	0.890	0.890
0.891				
P5Q3CW	0.885	0.889	0.891	0.891
0.890				

Covariance Coverage

	P5Q3CW
P5Q3CW	<u>0.892</u>

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

K6B1A_R		
Category 1	0.046	156.000
Category 2	0.079	267.000
Category 3	0.399	1345.000
Category 4	0.475	1599.000
K6B1B_R		
Category 1	0.037	125.000
Category 2	0.070	237.000
Category 3	0.329	1107.000
Category 4	0.563	1896.000
K6B1C_R		
Category 1	0.056	189.000
Category 2	0.059	200.000
Category 3	0.311	1047.000
Category 4	0.573	1929.000
K6B1D_R		
Category 1	0.024	82.000
Category 2	0.039	131.000
Category 3	0.234	787.000
Category 4	0.703	2364.000
K5E1A		
Category 1	0.096	315.000
Category 2	0.088	288.000
Category 3	0.080	264.000
Category 4	0.147	484.000
Category 5	0.589	1936.000
K5E1B		
Category 1	0.129	427.000
Category 2	0.104	344.000
Category 3	0.100	332.000
Category 4	0.178	589.000
Category 5	0.488	1613.000
K5E1C		
Category 1	0.092	307.000
Category 2	0.072	239.000
Category 3	0.085	282.000
Category 4	0.156	519.000
Category 5	0.595	1978.000
K5E1D		
Category 1	0.062	207.000
Category 2	0.044	145.000
Category 3	0.049	162.000
Category 4	0.107	353.000

Category 5	0.738	2445.000
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			
	K6B1A_R\$	K6B1A_R\$	K6B1A_R\$	K6B1B_R\$
K6B1B_R\$				
_____	_____	_____	_____	_____
-1.251	-1.702	-1.162	0.062	-1.799

	MEANS/INTERCEPTS/THRESHOLDS			
	K6B1B_R\$	K6B1C_R\$	K6B1C_R\$	K6B1C_R\$
K6B1D_R\$				
_____	_____	_____	_____	_____
-1.990	-0.163	-1.607	-1.212	-0.188

	MEANS/INTERCEPTS/THRESHOLDS			
	K6B1D_R\$	K6B1D_R\$	K5E1A\$1	K5E1A\$2
K5E1A\$3				
_____	_____	_____	_____	_____
-0.634	-1.542	-0.538	-1.309	-0.905

	MEANS/INTERCEPTS/THRESHOLDS			
	K5E1A\$4	K5E1B\$1	K5E1B\$2	K5E1B\$3
K5E1B\$4				
_____	_____	_____	_____	_____
0.029	-0.227	-1.132	-0.730	-0.431

	MEANS/INTERCEPTS/THRESHOLDS			
K5E1D\$1	K5E1C\$1	K5E1C\$2	K5E1C\$3	K5E1C\$4
_____	_____	_____	_____	_____
-1.543	-1.329	-0.979	-0.679	-0.241
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AG_R	K5E1D\$2	K5E1D\$3	K5E1D\$4	K6D2AG_R
_____	_____	_____	_____	_____
0.670	-1.254	-1.021	-0.642	0.140
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2D_R\$	K6D2AG_R	K6D2AI_R	K6D2AI_R	K6D2AI_R
_____	_____	_____	_____	_____
0.239	1.647	0.190	0.727	1.458
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2J_R\$	K6D2D_R\$	K6D2D_R\$	K6D2J_R\$	K6D2J_R\$
_____	_____	_____	_____	_____
1.384	0.774	1.596	-0.484	0.214
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AC_R	K6D2T_R\$	K6D2T_R\$	K6D2T_R\$	K6D2AC_R
_____	_____	_____	_____	_____
0.939	0.374	0.807	1.585	0.502
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2C_R\$	K6D2AC_R	K6D2AK_R	K6D2AK_R	K6D2AK_R
_____	_____	_____	_____	_____

-0.270	1.793	-0.011	0.520	1.385
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2N_R\$	K6D2C_R\$	K6D2C_R\$	K6D2N_R\$	K6D2N_R\$
1.741	0.208	1.210	0.220	0.794
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2A_R\$	K6D2X_R\$	K6D2X_R\$	K6D2X_R\$	K6D2A_R\$
-0.343	1.015	1.426	2.151	-0.929
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2R_R\$	K6D2A_R\$	K6D2P_R\$	K6D2P_R\$	K6D2P_R\$
-0.930	0.929	-0.648	-0.049	1.055
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2Z_R\$	K6D2R_R\$	K6D2R_R\$	K6D2Z_R\$	K6D2Z_R\$
1.021	-0.206	1.070	-0.874	-0.258
	MEANS/INTERCEPTS/THRESHOLDS			
K6D2AJ_R	K6D2AB_R	K6D2AB_R	K6D2AB_R	K6D2AJ_R
0.281	-0.814	-0.174	0.848	-0.232

MEANS/INTERCEPTS/THRESHOLDS

K6D61D\$1	K6D2AJ_R	K6D61C\$1	K6D61C\$2	K6D61C\$3
_____	_____	_____	_____	_____
0.695	1.182	1.424	2.199	2.504
MEANS/INTERCEPTS/THRESHOLDS				
K6D61E\$3	K6D61D\$2	K6D61D\$3	K6D61E\$1	K6D61E\$2
_____	_____	_____	_____	_____
2.493	1.582	2.005	1.323	2.124
MEANS/INTERCEPTS/THRESHOLDS				
K6D61L\$2	K6D61K\$1	K6D61K\$2	K6D61K\$3	K6D61L\$1
_____	_____	_____	_____	_____
2.014	1.365	2.178	2.433	1.176
MEANS/INTERCEPTS/THRESHOLDS				
K6D40_R\$	K6D61L\$3	K6D61M\$1	K6D61M\$2	K6D61M\$3
_____	_____	_____	_____	_____
1.622	2.354	0.626	1.521	1.899
MEANS/INTERCEPTS/THRESHOLDS				
K6D2B_R\$	K6D48_R\$	K6F63_R\$	K6F68_R\$	K6F74_R\$
_____	_____	_____	_____	_____
-2.068	0.964	0.801	2.193	2.098
MEANS/INTERCEPTS/THRESHOLDS				
K6D2F_R\$	K6D2B_R\$	K6D2B_R\$	K6D2F_R\$	K6D2F_R\$
_____	_____	_____	_____	_____
	-1.663	-0.675	-1.885	-1.397

-0.144

K6D2I_R\$	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2G_R\$	K6D2G_R\$	K6D2G_R\$	K6D2I_R\$
_____	_____	_____	_____	_____
-1.233	-2.194	-1.938	-0.932	-1.909

K6D2L_R\$	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2I_R\$	K6D2K_R\$	K6D2K_R\$	K6D2K_R\$
_____	_____	_____	_____	_____
-2.536	0.133	-2.040	-1.354	0.045

K6D2M_R\$	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2L_R\$	K6D2L_R\$	K6D2M_R\$	K6D2M_R\$
_____	_____	_____	_____	_____
-0.003	-2.166	-1.227	-2.271	-1.593

K6D2S_R\$	MEANS/INTERCEPTS/THRESHOLDS			
	K6D20_R\$	K6D20_R\$	K6D20_R\$	K6D2S_R\$
_____	_____	_____	_____	_____
-1.623	-1.504	-1.187	-0.269	-2.181

K6D2W_R\$	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2S_R\$	K6D2V_R\$	K6D2V_R\$	K6D2V_R\$
_____	_____	_____	_____	_____
-2.132	-0.411	-2.380	-1.893	-0.303

MEANS/INTERCEPTS/THRESHOLDS			
K6D2W_R\$	K6D2W_R\$	K6D2Y_R\$	K6D2Y_R\$

K6D2Y_R\$				
-0.678	-1.441	-0.174	-2.144	-1.658
	MEANS/INTERCEPTS/THRESHOLDS K6D2AA_R	K6D2AA_R	K6D2AA_R	K6D2AE_R
-1.166	-2.178	-1.646	-0.432	-1.876
	MEANS/INTERCEPTS/THRESHOLDS K6D2AE_R	K6D2AF_R	K6D2AF_R	K6D2AF_R
-1.875	0.309	-2.261	-1.928	-0.818
	MEANS/INTERCEPTS/THRESHOLDS K6D2AH_R	K6D2AH_R	P5Q3M\$1	P5Q3M\$2
0.495	-1.483	-0.267	0.977	2.040
	MEANS/INTERCEPTS/THRESHOLDS P5Q3AB\$2	P5Q3AD\$1	P5Q3AD\$2	P5Q3AF\$1
2.385	1.919	1.092	2.181	1.239
	MEANS/INTERCEPTS/THRESHOLDS P5Q3AH\$1	P5Q3AH\$2	P5Q3AR\$1	P5Q3AR\$2
1.195	1.634	2.542	1.318	2.342

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AV\$2	P5Q3AX\$1	P5Q3AX\$2	P5Q3BQ\$1
P5Q3BQ\$2				
	2.284	1.631	2.702	0.279
1.898				
	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CK\$1	P5Q3CK\$2	P5Q3DB\$1	P5Q3DB\$2
P5Q3E\$1				
	2.083	2.668	0.464	1.870
1.059				
	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3E\$2	P5Q3A0\$1	P5Q3A0\$2	P5Q3BK\$1
P5Q3BK\$2				
	1.993	1.033	2.146	1.234
2.416				
	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3B0\$1	P5Q3B0\$2	P5Q3CU\$1	P5Q3CU\$2
P5Q3DA\$1				
	0.894	2.251	1.414	2.334
1.371				
	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3DA\$2	P5Q3AS\$1	P5Q3AS\$2	P5Q3AU\$1
P5Q3AU\$2				
	2.555	0.771	2.447	1.441
2.371				
	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AZ\$1	P5Q3AZ\$2	P5Q3BB1\$	P5Q3BB1\$
P5Q3BB2\$				

0.909	1.535	2.450	1.340	2.417
P5Q3BB6\$	MEANS/INTERCEPTS/THRESHOLDS P5Q3BB2\$	P5Q3BB5\$	P5Q3BB5\$	P5Q3BB6\$
2.449	2.186	1.106	2.004	1.163
P5Q3AA\$1	MEANS/INTERCEPTS/THRESHOLDS P5Q3BB7\$	P5Q3BB7\$	P5Q3X\$1	P5Q3X\$2
0.163	1.642	2.527	0.796	1.971
P5Q3AP\$2	MEANS/INTERCEPTS/THRESHOLDS P5Q3AA\$2	P5Q3AL\$1	P5Q3AL\$2	P5Q3AP\$1
2.219	1.998	1.266	2.495	0.563
P5Q3CJ\$1	MEANS/INTERCEPTS/THRESHOLDS P5Q3BI\$1	P5Q3BI\$2	P5Q3BZ\$1	P5Q3BZ\$2
1.582	0.257	1.613	1.783	2.480
P5Q30\$2	MEANS/INTERCEPTS/THRESHOLDS P5Q3CJ\$2	P5Q3C\$1	P5Q3C\$2	P5Q30\$1
2.200	2.629	0.022	1.356	1.153

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3R\$1	P5Q3R\$2	P5Q3S\$1	P5Q3S\$2
P5Q3T\$1				
1.057	0.267	1.423	1.068	2.021

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3T\$2	P5Q3U\$1	P5Q3U\$2	P5Q3V\$1
P5Q3V\$2				
2.065	2.234	0.084	1.950	0.590

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3AJ\$1	P5Q3AJ\$2	P5Q3BC\$1	P5Q3BC\$2
P5Q3BN\$1				
0.954	1.446	2.383	1.673	2.518

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3BN\$2	P5Q3CF\$1	P5Q3CF\$2	P5Q3CG\$1
P5Q3CG\$2				
2.110	2.058	0.494	1.955	0.638

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CH\$1	P5Q3CH\$2	P5Q3CI\$1	P5Q3CI\$2
P5Q3CN\$1				
0.988	1.127	2.345	1.334	2.520

	MEANS/INTERCEPTS/THRESHOLDS			
	P5Q3CN\$2	P5Q3C0\$1	P5Q3C0\$2	P5Q3CQ\$1
P5Q3CQ\$2				

2.605	2.266	0.580	1.765	1.754
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MEANS/INTERCEPTS/THRESHOLDS	
P5Q3CW\$1	P5Q3CW\$2
0.825	1.937

	SLOPES	
	THREATCO	DEPCOMP
K6B1A_R	-0.152	-0.163
K6B1B_R	-0.123	-0.144
K6B1C_R	-0.178	-0.128
K6B1D_R	-0.143	-0.134
K5E1A	-0.102	-0.015
K5E1B	-0.014	-0.079
K5E1C	-0.047	-0.057
K5E1D	-0.105	-0.101
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
K6D2O_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	0.103	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
P5Q30	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
P5Q3C0	0.415	0.188
P5Q3CQ	0.414	0.106
P5Q3CW	0.457	0.126

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R
K5E1A				
K6B1A_R				
K6B1B_R	0.545			
K6B1C_R	0.512	0.573		
K6B1D_R	0.410	0.442	0.473	
K5E1A	0.067	0.096	0.069	0.058
K5E1B	0.108	0.140	0.082	0.057
0.489				
K5E1C	0.134	0.124	0.140	0.083
0.505				
K5E1D	0.134	0.054	0.117	0.118
0.469				
K6D2AG_R	-0.173	-0.238	-0.184	-0.178
-0.061				
K6D2AI_R	-0.099	-0.161	-0.124	-0.157
-0.026				
K6D2D_R	-0.109	-0.184	-0.164	-0.193
-0.048				
K6D2J_R	-0.115	-0.144	-0.149	-0.166
-0.072				
K6D2T_R	-0.154	-0.183	-0.194	-0.173
-0.045				
K6D2AC_R	-0.291	-0.299	-0.320	-0.271
-0.074				
K6D2AK_R	-0.084	-0.144	-0.155	-0.158
-0.070				
K6D2C_R	-0.135	-0.161	-0.167	-0.165
-0.058				
K6D2N_R	-0.208	-0.277	-0.277	-0.242

-0.079				
K6D2X_R	-0.220	-0.264	-0.264	-0.246
-0.113				
K6D2A_R	-0.044	-0.098	-0.086	-0.095
-0.025				
K6D2P_R	-0.087	-0.122	-0.201	-0.086
-0.030				
K6D2R_R	-0.078	-0.099	-0.130	-0.115
-0.047				
K6D2Z_R	-0.051	-0.069	-0.095	-0.086
-0.042				
K6D2AB_R	-0.041	-0.081	-0.168	-0.084
-0.024				
K6D2AJ_R	-0.104	-0.162	-0.209	-0.146
-0.051				
K6D61C	-0.181	-0.217	-0.175	-0.207
-0.037				
K6D61D	-0.159	-0.165	-0.193	-0.193
-0.060				
K6D61E	-0.148	-0.155	-0.193	-0.167
-0.078				
K6D61K	-0.160	-0.209	-0.194	-0.173
-0.061				
K6D61L	-0.069	-0.121	-0.116	-0.172
-0.037				
K6D61M	-0.061	-0.165	-0.158	-0.120
-0.035				
K6D40_R	-0.170	-0.230	-0.246	-0.079
-0.101				
K6D48_R	-0.091	-0.158	-0.183	-0.105
-0.028				
K6F63_R	-0.172	-0.203	-0.264	-0.152
-0.077				
K6F68_R	-0.157	-0.137	-0.204	-0.063
-0.023				
K6F74_R	-0.120	-0.128	-0.164	-0.178
-0.069				
K6D2B_R	0.302	0.356	0.352	0.317
0.062				
K6D2F_R	0.311	0.323	0.315	0.209
0.099				
K6D2G_R	0.365	0.261	0.243	0.231
0.053				
K6D2I_R	0.119	0.224	0.248	0.128
0.027				
K6D2K_R	0.149	0.224	0.171	0.095
0.068				
K6D2L_R	0.321	0.330	0.352	0.349
0.101				
K6D2M_R	0.139	0.231	0.226	0.112

0.050				
K6D20_R	0.175	0.210	0.169	0.188
0.057				
K6D2S_R	0.327	0.377	0.384	0.307
0.119				
K6D2V_R	0.167	0.244	0.209	0.157
0.073				
K6D2W_R	0.140	0.240	0.223	0.178
0.061				
K6D2Y_R	0.253	0.284	0.274	0.282
0.083				
K6D2AA_R	0.369	0.376	0.316	0.277
0.079				
K6D2AE_R	0.139	0.155	0.152	0.125
0.041				
K6D2AF_R	0.287	0.279	0.254	0.257
0.049				
K6D2AH_R	0.151	0.192	0.173	0.138
0.085				
P5Q3M	-0.088	-0.062	-0.096	-0.096
-0.103				
P5Q3AB	-0.013	-0.024	-0.022	-0.048
-0.024				
P5Q3AD	0.055	-0.028	0.027	-0.028
-0.030				
P5Q3AF	0.024	-0.076	-0.096	-0.093
-0.049				
P5Q3AH	-0.016	-0.002	-0.106	-0.008
-0.071				
P5Q3AR	-0.001	-0.044	-0.016	-0.011
-0.038				
P5Q3AV	0.034	-0.001	-0.005	0.000
-0.017				
P5Q3AX	-0.002	-0.016	-0.038	-0.035
-0.028				
P5Q3BQ	-0.017	-0.050	-0.004	-0.051
-0.045				
P5Q3CK	0.010	-0.047	-0.003	0.013
-0.003				
P5Q3DB	-0.009	0.029	-0.002	0.055
-0.043				
P5Q3E	-0.039	-0.052	-0.023	-0.062
-0.036				
P5Q3A0	-0.028	-0.027	-0.001	-0.079
-0.080				
P5Q3BK	-0.013	-0.041	-0.023	-0.054
-0.038				
P5Q3B0	-0.010	-0.045	-0.054	-0.033
-0.086				
P5Q3CU	-0.024	-0.039	-0.027	-0.033

-0.034				
P5Q3DA	-0.028	-0.077	-0.038	-0.032
-0.039				
P5Q3AS	-0.041	-0.059	-0.090	-0.015
-0.025				
P5Q3AU	0.062	-0.036	0.023	-0.057
-0.039				
P5Q3AZ	0.011	-0.005	-0.037	-0.001
-0.051				
P5Q3BB1	-0.025	-0.013	-0.043	-0.080
-0.043				
P5Q3BB2	0.011	-0.006	-0.058	-0.085
-0.031				
P5Q3BB5	-0.025	-0.070	-0.067	-0.014
-0.044				
P5Q3BB6	0.009	-0.075	-0.028	-0.068
-0.053				
P5Q3BB7	0.057	-0.055	-0.008	-0.055
0.017				
P5Q3X	-0.006	-0.017	-0.018	-0.074
-0.074				
P5Q3AA	0.006	-0.023	-0.071	-0.055
-0.094				
P5Q3AL	0.018	-0.031	-0.036	-0.049
-0.062				
P5Q3AP	-0.028	-0.021	-0.068	-0.085
-0.100				
P5Q3BI	-0.010	-0.040	-0.020	-0.041
-0.060				
P5Q3BZ	-0.016	-0.082	-0.111	-0.079
-0.032				
P5Q3CJ	0.050	0.008	0.018	-0.075
-0.009				
P5Q3C	-0.034	-0.038	-0.053	-0.005
-0.064				
P5Q30	-0.017	-0.050	-0.075	-0.050
-0.069				
P5Q3R	-0.064	-0.056	-0.056	-0.033
-0.048				
P5Q3S	-0.035	-0.057	-0.065	-0.087
-0.061				
P5Q3T	-0.040	-0.033	-0.043	-0.077
-0.083				
P5Q3U	0.010	-0.024	-0.044	-0.030
-0.086				
P5Q3V	-0.042	-0.043	-0.074	-0.070
-0.139				
P5Q3AJ	-0.011	-0.079	-0.078	-0.088
-0.055				
P5Q3BC	0.020	-0.043	-0.072	-0.024

-0.013				
P5Q3BN	-0.063	-0.063	-0.065	-0.035
-0.043				
P5Q3CF	-0.046	-0.085	-0.060	-0.068
-0.082				
P5Q3CG	-0.054	-0.066	-0.079	-0.058
-0.035				
P5Q3CH	0.010	-0.010	-0.065	-0.078
-0.066				
P5Q3CI	-0.033	-0.031	-0.046	-0.063
-0.048				
P5Q3CN	-0.003	-0.030	-0.046	-0.049
-0.075				
P5Q3C0	-0.021	-0.056	-0.075	-0.053
-0.036				
P5Q3CQ	-0.021	-0.100	-0.033	-0.041
-0.018				
P5Q3CW	-0.009	-0.001	-0.077	-0.055
0.001				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K5E1B	K5E1C	K5E1D	K6D2AG_R
K6D2AI_R				
K5E1C	0.456			
K5E1D	0.404	0.563		
K6D2AG_R	-0.029	-0.049	-0.065	
K6D2AI_R	-0.021	0.003	-0.037	0.528
K6D2D_R	-0.021	-0.018	-0.081	0.530
0.414				
K6D2J_R	-0.028	-0.038	-0.035	0.473
0.372				
K6D2T_R	-0.025	-0.011	-0.088	0.646
0.477				
K6D2AC_R	-0.031	-0.092	-0.088	0.628
0.450				
K6D2AK_R	-0.052	-0.065	-0.110	0.419
0.329				
K6D2C_R	-0.017	-0.008	-0.059	0.431
0.365				
K6D2N_R	-0.020	-0.046	-0.061	0.621
0.446				
K6D2X_R	-0.060	-0.085	-0.120	0.502
0.411				
K6D2A_R	0.005	-0.009	-0.038	0.188
0.166				
K6D2P_R	-0.011	-0.054	-0.060	0.248
0.215				

K6D2R_R 0.266	-0.020	-0.019	-0.036	0.296
K6D2Z_R 0.206	-0.022	-0.008	-0.083	0.211
K6D2AB_R 0.190	-0.006	-0.040	-0.045	0.239
K6D2AJ_R 0.263	-0.027	-0.082	-0.095	0.273
K6D61C 0.069	-0.044	-0.049	-0.050	0.137
K6D61D 0.099	-0.009	-0.053	-0.066	0.086
K6D61E 0.114	-0.019	-0.090	-0.058	0.041
K6D61K 0.051	-0.034	-0.078	-0.059	0.103
K6D61L 0.054	0.000	-0.026	-0.084	0.053
K6D61M 0.082	-0.040	-0.046	-0.014	0.180
K6D40_R 0.033	0.001	-0.053	-0.051	0.152
K6D48_R 0.098	0.020	-0.041	-0.009	0.207
K6F63_R 0.054	-0.030	-0.104	-0.048	0.129
K6F68_R -0.009	-0.045	0.004	0.013	0.229
K6F74_R 0.052	-0.029	-0.022	0.065	0.192
K6D2B_R -0.247	0.057	0.063	0.105	-0.388
K6D2F_R -0.196	0.063	0.094	0.046	-0.283
K6D2G_R -0.141	0.081	0.064	0.040	-0.094
K6D2I_R -0.082	0.021	0.096	0.032	-0.154
K6D2K_R -0.141	0.068	0.062	0.041	-0.255
K6D2L_R -0.249	0.059	0.124	0.111	-0.347
K6D2M_R -0.092	0.045	0.094	0.059	-0.222
K6D2O_R -0.191	0.061	0.036	0.060	-0.273
K6D2S_R -0.308	0.088	0.096	0.050	-0.443
K6D2V_R -0.143	0.083	0.076	0.045	-0.235

K6D2W_R	0.060	0.094	0.030	-0.304
-0.185				
K6D2Y_R	0.080	0.116	0.068	-0.268
-0.233				
K6D2AA_R	0.059	0.088	0.078	-0.323
-0.231				
K6D2AE_R	0.061	0.030	-0.003	-0.166
-0.127				
K6D2AF_R	0.069	0.105	0.070	-0.205
-0.214				
K6D2AH_R	0.073	0.075	0.015	-0.210
-0.166				
P5Q3M	-0.070	-0.075	-0.066	0.066
0.077				
P5Q3AB	-0.019	-0.010	-0.030	0.026
0.029				
P5Q3AD	0.011	0.008	-0.078	0.035
0.067				
P5Q3AF	-0.017	-0.043	-0.045	0.067
0.061				
P5Q3AH	-0.046	-0.111	-0.069	0.085
0.050				
P5Q3AR	-0.036	-0.013	-0.039	0.063
0.006				
P5Q3AV	-0.012	-0.048	-0.058	0.066
0.033				
P5Q3AX	0.008	-0.044	-0.017	0.037
-0.018				
P5Q3BQ	-0.002	-0.074	-0.060	0.062
0.056				
P5Q3CK	-0.059	0.006	-0.067	0.062
-0.001				
P5Q3DB	-0.005	-0.057	-0.030	0.058
-0.018				
P5Q3E	-0.022	0.011	-0.101	0.046
0.057				
P5Q3A0	-0.136	-0.126	-0.134	0.114
0.071				
P5Q3BK	-0.092	-0.070	-0.080	0.064
0.031				
P5Q3B0	-0.068	-0.106	-0.149	0.079
0.056				
P5Q3CU	-0.090	-0.087	-0.113	0.109
0.108				
P5Q3DA	-0.094	-0.056	-0.093	0.148
0.095				
P5Q3AS	-0.022	-0.063	-0.082	0.097
0.032				
P5Q3AU	-0.014	-0.026	-0.061	0.086
-0.038				

P5Q3AZ 0.054	-0.042	-0.101	-0.138	0.124
P5Q3BB1 0.025	-0.034	-0.046	-0.147	0.090
P5Q3BB2 0.050	-0.031	-0.062	-0.087	0.055
P5Q3BB5 0.013	-0.010	0.013	-0.094	-0.019
P5Q3BB6 0.040	0.023	-0.008	-0.045	0.063
P5Q3BB7 -0.029	0.054	0.013	0.027	0.089
P5Q3X 0.046	-0.042	-0.054	-0.109	0.058
P5Q3AA 0.006	-0.058	-0.170	-0.091	-0.011
P5Q3AL 0.007	-0.020	-0.089	-0.086	-0.064
P5Q3AP 0.045	-0.063	-0.143	-0.125	0.012
P5Q3BI 0.016	-0.012	-0.074	-0.066	0.004
P5Q3BZ 0.084	0.020	0.003	-0.138	0.116
P5Q3CJ 0.066	-0.044	-0.046	-0.086	0.078
P5Q3C -0.003	-0.017	-0.116	-0.067	0.047
P5Q3O 0.012	-0.079	-0.112	-0.074	0.002
P5Q3R -0.011	-0.037	-0.074	-0.076	0.031
P5Q3S -0.001	-0.062	-0.086	-0.113	-0.004
P5Q3T 0.050	-0.072	-0.066	-0.092	-0.006
P5Q3U -0.011	-0.066	-0.116	-0.056	-0.017
P5Q3V -0.033	-0.085	-0.174	-0.139	-0.053
P5Q3AJ -0.018	-0.076	-0.115	-0.131	-0.082
P5Q3BC 0.061	-0.020	-0.048	-0.025	0.064
P5Q3BN 0.028	-0.006	-0.040	-0.074	0.061
P5Q3CF 0.011	-0.056	-0.109	-0.091	0.031
P5Q3CG 0.001	-0.040	-0.067	-0.125	0.048

P5Q3CH -0.005	-0.038	-0.098	-0.081	0.053
P5Q3CI 0.048	-0.059	0.001	-0.118	0.017
P5Q3CN 0.020	-0.073	-0.083	-0.077	0.037
P5Q3C0 0.004	-0.038	-0.075	-0.092	0.031
P5Q3CQ 0.036	-0.022	-0.018	-0.030	0.022
P5Q3CW 0.011	0.015	-0.049	-0.096	0.076

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2AK_R	K6D2D_R	K6D2J_R	K6D2T_R	K6D2AC_R
K6D2J_R	0.436			
K6D2T_R	0.565	0.391		
K6D2AC_R	0.475	0.451	0.520	
K6D2AK_R	0.360	0.333	0.380	0.376
K6D2C_R	0.491	0.429	0.380	0.457
K6D2N_R	0.493	0.504	0.495	0.750
K6D2X_R	0.397	0.343	0.450	0.645
K6D2A_R	0.266	0.219	0.210	0.159
K6D2P_R	0.265	0.267	0.294	0.274
K6D2R_R	0.297	0.257	0.333	0.253
K6D2Z_R	0.224	0.238	0.254	0.192
K6D2AB_R	0.226	0.219	0.272	0.257
K6D2AJ_R	0.241	0.246	0.283	0.275
K6D61C	0.099	0.029	0.061	0.213
K6D61D	0.089	0.131	0.075	0.200
K6D61E	0.072	0.138	0.053	0.166
K6D61K	0.074	0.044	0.024	0.158
K6D61L	0.060	0.105	-0.034	0.173

0.171				
K6D61M	0.089	0.170	0.103	0.228
0.204				
K6D40_R	0.084	0.123	0.115	0.298
0.124				
K6D48_R	0.116	0.165	0.099	0.246
0.143				
K6F63_R	0.066	0.098	0.054	0.250
0.144				
K6F68_R	0.220	0.113	0.135	0.300
0.167				
K6F74_R	0.189	0.131	0.119	0.334
0.153				
K6D2B_R	-0.311	-0.287	-0.320	-0.539
-0.208				
K6D2F_R	-0.215	-0.210	-0.226	-0.418
-0.125				
K6D2G_R	-0.099	-0.071	-0.088	-0.203
-0.074				
K6D2I_R	-0.094	-0.060	-0.121	-0.215
-0.179				
K6D2K_R	-0.118	-0.091	-0.222	-0.268
-0.164				
K6D2L_R	-0.281	-0.223	-0.242	-0.446
-0.188				
K6D2M_R	-0.150	-0.122	-0.202	-0.241
-0.151				
K6D20_R	-0.229	-0.212	-0.224	-0.320
-0.138				
K6D2S_R	-0.322	-0.345	-0.297	-0.641
-0.222				
K6D2V_R	-0.137	-0.098	-0.211	-0.262
-0.173				
K6D2W_R	-0.186	-0.203	-0.236	-0.350
-0.166				
K6D2Y_R	-0.239	-0.227	-0.228	-0.388
-0.171				
K6D2AA_R	-0.224	-0.240	-0.259	-0.460
-0.121				
K6D2AE_R	-0.094	-0.094	-0.098	-0.207
-0.069				
K6D2AF_R	-0.181	-0.189	-0.173	-0.298
-0.134				
K6D2AH_R	-0.132	-0.141	-0.143	-0.243
-0.110				
P5Q3M	0.087	0.057	0.101	0.041
0.093				
P5Q3AB	0.073	0.002	0.095	0.067
0.004				
P5Q3AD	0.071	0.064	0.061	0.023

0.081				
P5Q3AF	0.074	0.034	0.075	0.112
0.060				
P5Q3AH	0.081	0.065	0.098	0.131
0.162				
P5Q3AR	0.085	0.006	0.053	-0.016
0.105				
P5Q3AV	0.095	0.010	0.126	0.035
0.054				
P5Q3AX	0.106	0.006	0.014	0.001
0.097				
P5Q3BQ	0.072	-0.002	0.051	0.102
0.020				
P5Q3CK	0.065	0.002	0.067	0.103
0.147				
P5Q3DB	0.037	0.031	0.060	0.056
0.049				
P5Q3E	0.064	0.052	0.052	0.092
0.052				
P5Q3A0	0.119	0.054	0.093	0.113
0.145				
P5Q3BK	0.058	0.050	0.000	0.061
0.117				
P5Q3B0	0.060	0.050	0.034	0.088
0.125				
P5Q3CU	0.141	0.027	0.056	0.116
0.067				
P5Q3DA	0.149	0.071	0.125	0.176
0.092				
P5Q3AS	0.089	0.026	0.106	0.135
0.096				
P5Q3AU	0.054	0.067	0.078	0.087
0.056				
P5Q3AZ	0.128	0.010	0.038	0.069
0.114				
P5Q3BB1	0.104	0.032	0.100	0.123
0.010				
P5Q3BB2	0.049	-0.003	0.023	0.050
0.034				
P5Q3BB5	0.060	0.052	0.051	0.044
0.016				
P5Q3BB6	0.089	0.021	0.075	0.061
-0.016				
P5Q3BB7	0.059	-0.052	0.016	0.012
-0.018				
P5Q3X	0.101	0.035	0.062	0.097
0.095				
P5Q3AA	0.029	0.064	0.023	0.041
0.110				
P5Q3AL	-0.018	-0.012	-0.077	-0.031

0.096				
P5Q3AP	0.017	0.025	0.015	0.048
0.091				
P5Q3BI	0.017	0.013	0.002	0.059
0.040				
P5Q3BZ	0.115	0.074	0.159	0.141
0.171				
P5Q3CJ	0.011	0.015	0.002	0.140
0.130				
P5Q3C	0.033	0.073	0.055	0.088
0.088				
P5Q3O	0.051	0.015	0.061	0.044
0.113				
P5Q3R	0.088	0.021	0.083	0.105
0.085				
P5Q3S	0.041	-0.007	0.038	0.075
0.144				
P5Q3T	0.020	0.024	0.026	0.030
0.107				
P5Q3U	-0.004	0.022	0.016	0.029
0.080				
P5Q3V	0.004	-0.002	-0.008	0.001
0.125				
P5Q3AJ	-0.018	-0.020	-0.033	-0.002
0.109				
P5Q3BC	0.105	0.025	0.024	0.105
0.122				
P5Q3BN	0.059	0.050	0.041	0.109
0.033				
P5Q3CF	0.077	0.073	0.050	0.086
0.063				
P5Q3CG	0.078	0.029	0.038	0.079
0.065				
P5Q3CH	0.094	0.006	0.050	0.080
0.094				
P5Q3CI	0.081	0.009	0.052	0.063
0.058				
P5Q3CN	0.040	0.030	0.049	0.031
0.079				
P5Q3CO	0.051	0.041	-0.007	0.076
0.096				
P5Q3CQ	0.078	0.016	0.054	0.076
0.126				
P5Q3CW	0.067	0.029	0.045	0.046
0.087				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2C_R	K6D2N_R	K6D2X_R	K6D2A_R
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K6D2P_R

K6D2N_R	0.464			
K6D2X_R	0.424	0.593		
K6D2A_R	0.288	0.164	0.164	
K6D2P_R	0.277	0.251	0.250	0.420
K6D2R_R	0.323	0.236	0.229	0.350
0.450				
K6D2Z_R	0.291	0.192	0.208	0.390
0.499				
K6D2AB_R	0.226	0.203	0.207	0.329
0.491				
K6D2AJ_R	0.251	0.266	0.218	0.411
0.583				
K6D61C	0.107	0.143	0.190	0.190
0.222				
K6D61D	0.112	0.110	0.129	0.213
0.287				
K6D61E	0.046	0.062	0.081	0.183
0.285				
K6D61K	0.106	0.115	0.142	0.182
0.236				
K6D61L	0.133	0.067	0.079	0.168
0.267				
K6D61M	0.109	0.182	0.138	0.115
0.296				
K6D40_R	0.047	0.209	0.185	0.070
0.221				
K6D48_R	0.111	0.211	0.185	0.109
0.234				
K6F63_R	0.091	0.158	0.148	0.117
0.224				
K6F68_R	0.144	0.271	0.240	0.092
0.248				
K6F74_R	0.177	0.295	0.206	0.085
0.168				
K6D2B_R	-0.279	-0.513	-0.580	-0.085
-0.168				
K6D2F_R	-0.232	-0.376	-0.317	-0.082
-0.146				
K6D2G_R	-0.101	-0.186	-0.192	-0.037
-0.090				
K6D2I_R	-0.053	-0.197	-0.159	-0.061
-0.197				
K6D2K_R	-0.083	-0.266	-0.219	-0.071
-0.166				
K6D2L_R	-0.231	-0.441	-0.469	-0.050
-0.127				
K6D2M_R	-0.092	-0.266	-0.208	-0.086
-0.174				

K6D20_R -0.044	-0.243	-0.328	-0.391	-0.072
K6D2S_R -0.155	-0.349	-0.610	-0.527	-0.070
K6D2V_R -0.236	-0.150	-0.267	-0.290	-0.084
K6D2W_R -0.135	-0.201	-0.365	-0.352	-0.083
K6D2Y_R -0.150	-0.260	-0.368	-0.370	-0.085
K6D2AA_R -0.093	-0.245	-0.435	-0.401	-0.057
K6D2AE_R -0.028	-0.101	-0.226	-0.191	0.026
K6D2AF_R -0.075	-0.198	-0.290	-0.358	-0.054
K6D2AH_R -0.084	-0.169	-0.223	-0.254	-0.042
P5Q3M 0.033	0.047	0.056	0.028	0.058
P5Q3AB 0.005	0.002	0.028	0.045	0.023
P5Q3AD -0.006	0.024	0.067	-0.002	0.036
P5Q3AF 0.068	0.009	0.110	0.048	0.089
P5Q3AH 0.041	-0.007	0.147	0.066	0.037
P5Q3AR 0.065	0.051	0.011	0.029	0.056
P5Q3AV 0.041	0.035	0.010	0.024	-0.021
P5Q3AX 0.020	-0.027	0.026	0.048	0.069
P5Q3BQ 0.028	0.018	0.099	-0.002	0.021
P5Q3CK 0.073	0.060	0.080	0.117	0.113
P5Q3DB -0.031	-0.025	0.090	0.011	-0.039
P5Q3E 0.041	0.077	0.108	0.154	0.104
P5Q3A0 0.042	0.067	0.150	0.089	0.017
P5Q3BK 0.053	0.043	0.083	0.127	0.050
P5Q3B0 0.112	0.073	0.111	0.121	0.090
P5Q3CU 0.103	0.077	0.039	0.053	0.060

P5Q3DA 0.070	0.101	0.178	0.151	0.105
P5Q3AS 0.020	0.019	0.087	0.077	0.005
P5Q3AU 0.079	-0.006	0.093	0.056	0.021
P5Q3AZ 0.062	0.128	0.101	0.106	0.108
P5Q3BB1 0.031	0.064	0.112	0.125	-0.041
P5Q3BB2 0.031	0.028	0.036	0.042	0.020
P5Q3BB5 0.005	0.036	0.064	0.030	-0.032
P5Q3BB6 0.017	0.050	0.062	0.052	-0.029
P5Q3BB7 -0.057	0.000	0.034	0.054	-0.058
P5Q3X 0.094	0.123	0.069	0.145	0.122
P5Q3AA 0.131	0.033	0.026	0.020	0.097
P5Q3AL 0.114	-0.024	-0.045	0.018	0.056
P5Q3AP 0.110	0.053	0.038	0.035	0.054
P5Q3BI 0.051	-0.006	0.034	0.013	0.028
P5Q3BZ 0.128	0.149	0.123	0.140	0.056
P5Q3CJ 0.029	0.067	0.066	0.104	0.003
P5Q3C 0.068	-0.014	0.089	0.027	0.035
P5Q30 0.130	0.046	0.032	0.090	0.105
P5Q3R 0.049	0.052	0.098	0.114	0.066
P5Q3S 0.114	0.038	0.101	0.084	0.153
P5Q3T 0.110	0.045	0.063	0.055	0.107
P5Q3U 0.070	-0.009	0.034	0.003	0.032
P5Q3V 0.088	0.002	0.015	0.021	0.073
P5Q3AJ 0.083	-0.025	-0.052	0.041	0.070
P5Q3BC 0.100	0.095	0.060	0.066	0.138

P5Q3BN 0.080	0.046	0.105	0.049	0.068
P5Q3CF 0.088	0.065	0.076	0.063	0.075
P5Q3CG 0.061	0.080	0.090	0.050	0.071
P5Q3CH 0.023	0.028	0.126	0.052	-0.009
P5Q3CI 0.069	0.043	0.067	0.136	0.029
P5Q3CN 0.099	0.106	0.051	0.028	0.063
P5Q3CO 0.077	0.048	0.050	0.026	0.055
P5Q3CQ 0.079	0.048	0.044	0.091	0.112
P5Q3CW 0.083	0.031	0.060	0.026	0.043

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2R_R	K6D2Z_R	K6D2AB_R	K6D2AJ_R
K6D61C				
K6D2Z_R	0.436			
K6D2AB_R	0.339	0.422		
K6D2AJ_R	0.435	0.448	0.514	
K6D61C	0.121	0.158	0.175	0.278
K6D61D	0.145	0.240	0.270	0.362
0.450				
K6D61E	0.028	0.217	0.235	0.330
0.375				
K6D61K	0.097	0.128	0.181	0.271
0.909				
K6D61L	0.111	0.174	0.221	0.327
0.423				
K6D61M	0.138	0.150	0.262	0.332
0.354				
K6D40_R	0.088	0.091	0.168	0.257
0.537				
K6D48_R	0.089	0.102	0.191	0.232
0.474				
K6F63_R	0.097	0.149	0.201	0.252
0.552				
K6F68_R	0.069	0.117	0.170	0.258
0.471				
K6F74_R	0.138	0.112	0.210	0.259
0.425				
K6D2B_R	-0.146	-0.096	-0.098	-0.165

-0.186				
K6D2F_R	-0.103	-0.048	-0.067	-0.158
-0.147				
K6D2G_R	-0.050	-0.012	-0.053	-0.099
-0.051				
K6D2I_R	-0.069	-0.068	-0.135	-0.266
-0.225				
K6D2K_R	-0.122	-0.051	-0.069	-0.162
-0.192				
K6D2L_R	-0.075	-0.001	-0.046	-0.143
-0.132				
K6D2M_R	-0.096	-0.074	-0.085	-0.188
-0.197				
K6D2O_R	-0.054	-0.019	-0.053	-0.090
-0.148				
K6D2S_R	-0.142	-0.065	-0.108	-0.175
-0.181				
K6D2V_R	-0.133	-0.105	-0.103	-0.230
-0.171				
K6D2W_R	-0.089	-0.030	-0.086	-0.154
-0.157				
K6D2Y_R	-0.049	-0.014	-0.082	-0.159
-0.062				
K6D2AA_R	-0.079	0.011	-0.024	-0.082
-0.090				
K6D2AE_R	0.016	0.068	0.063	-0.052
-0.094				
K6D2AF_R	-0.029	-0.012	-0.017	-0.114
-0.095				
K6D2AH_R	-0.050	-0.037	-0.040	-0.097
-0.094				
P5Q3M	0.062	0.096	0.037	0.043
-0.007				
P5Q3AB	0.006	-0.007	0.009	0.018
-0.057				
P5Q3AD	-0.022	0.056	-0.018	0.017
0.036				
P5Q3AF	0.026	0.066	0.060	0.094
0.052				
P5Q3AH	0.032	0.072	0.047	0.077
0.061				
P5Q3AR	0.022	0.058	0.042	0.046
-0.037				
P5Q3AV	-0.002	-0.010	0.016	0.028
-0.050				
P5Q3AX	-0.011	0.048	-0.030	0.037
0.020				
P5Q3BQ	0.031	-0.028	-0.007	0.012
-0.074				
P5Q3CK	-0.017	0.133	0.068	0.187

-0.056				
P5Q3DB	-0.004	-0.007	-0.045	-0.020
0.003				
P5Q3E	0.088	0.089	0.072	0.052
-0.100				
P5Q3A0	0.077	0.053	0.018	0.072
-0.041				
P5Q3BK	0.045	0.069	0.055	0.064
-0.018				
P5Q3B0	0.077	0.060	0.056	0.116
0.077				
P5Q3CU	0.059	0.094	0.044	0.064
0.064				
P5Q3DA	0.085	0.094	0.049	0.134
0.078				
P5Q3AS	0.017	0.041	0.021	0.055
-0.023				
P5Q3AU	-0.035	0.062	0.045	0.035
0.009				
P5Q3AZ	0.061	0.106	0.100	0.071
-0.107				
P5Q3BB1	0.017	0.062	0.014	-0.003
0.009				
P5Q3BB2	0.024	0.053	0.056	0.050
-0.066				
P5Q3BB5	-0.052	-0.015	-0.014	-0.020
0.020				
P5Q3BB6	0.001	0.019	0.003	0.022
-0.161				
P5Q3BB7	-0.030	-0.045	-0.057	0.003
-0.049				
P5Q3X	0.083	0.062	0.114	0.148
0.132				
P5Q3AA	0.055	0.063	0.118	0.177
0.153				
P5Q3AL	0.036	0.121	0.070	0.145
0.162				
P5Q3AP	0.075	0.101	0.101	0.161
0.172				
P5Q3BI	0.023	0.046	0.077	0.078
0.011				
P5Q3BZ	0.020	0.154	0.162	0.193
0.151				
P5Q3CJ	0.003	0.087	0.086	0.109
0.174				
P5Q3C	0.026	0.029	0.059	0.105
0.067				
P5Q30	0.064	0.123	0.136	0.152
0.109				
P5Q3R	0.028	0.049	0.071	0.093

0.016				
P5Q3S	0.087	0.165	0.085	0.171
0.154				
P5Q3T	0.058	0.102	0.118	0.149
0.162				
P5Q3U	0.023	0.047	0.055	0.108
0.131				
P5Q3V	-0.005	0.085	0.081	0.165
0.099				
P5Q3AJ	0.025	0.083	0.128	0.118
0.179				
P5Q3BC	0.051	0.123	0.146	0.165
0.180				
P5Q3BN	0.061	0.100	0.100	0.068
0.077				
P5Q3CF	0.065	0.093	0.053	0.118
0.093				
P5Q3CG	0.052	0.063	0.054	0.100
0.018				
P5Q3CH	-0.001	0.033	0.022	0.056
0.105				
P5Q3CI	0.019	0.084	0.048	0.064
0.033				
P5Q3CN	0.058	0.117	0.102	0.100
0.061				
P5Q3C0	0.029	0.053	0.081	0.113
0.154				
P5Q3CQ	0.009	0.085	0.146	0.126
0.193				
P5Q3CW	0.039	0.064	0.079	0.078
0.086				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D61D	K6D61E	K6D61K	K6D61L
K6D61M				
K6D61E	0.771			
K6D61K	0.462	0.419		
K6D61L	0.699	0.616	0.440	
K6D61M	0.369	0.353	0.397	0.366
K6D40_R	0.372	0.333	0.508	0.284
0.241				
K6D48_R	0.352	0.323	0.486	0.342
0.289				
K6F63_R	0.413	0.373	0.569	0.437
0.275				
K6F68_R	0.246	0.200	0.520	0.378
0.259				

K6F74_R 0.210	0.209	0.188	0.449	0.305
K6D2B_R -0.163	-0.065	-0.052	-0.165	-0.040
K6D2F_R -0.129	-0.088	-0.135	-0.170	-0.072
K6D2G_R -0.017	-0.092	-0.039	-0.090	-0.059
K6D2I_R -0.238	-0.074	-0.056	-0.259	-0.083
K6D2K_R -0.166	0.051	0.064	-0.143	0.089
K6D2L_R -0.086	-0.117	-0.105	-0.148	-0.127
K6D2M_R -0.199	0.034	-0.014	-0.184	-0.005
K6D2O_R -0.094	-0.042	-0.025	-0.129	-0.010
K6D2S_R -0.209	-0.153	-0.142	-0.204	-0.075
K6D2V_R -0.185	-0.039	-0.076	-0.181	-0.051
K6D2W_R -0.175	-0.026	-0.055	-0.177	0.012
K6D2Y_R -0.193	-0.099	-0.096	-0.127	-0.082
K6D2AA_R -0.084	-0.051	-0.066	-0.085	-0.063
K6D2AE_R -0.106	0.038	0.026	-0.121	0.063
K6D2AF_R -0.084	-0.098	-0.075	-0.097	-0.039
K6D2AH_R -0.103	-0.085	-0.039	-0.096	-0.039
P5Q3M 0.000	0.029	0.075	0.027	-0.035
P5Q3AB 0.011	-0.018	0.019	-0.092	-0.002
P5Q3AD 0.007	-0.058	0.015	-0.028	-0.050
P5Q3AF 0.027	-0.029	0.056	0.026	0.015
P5Q3AH 0.048	-0.063	0.094	0.043	-0.046
P5Q3AR 0.016	0.031	0.128	0.009	-0.015
P5Q3AV -0.006	-0.038	0.054	-0.092	-0.049
P5Q3AX 0.043	-0.068	0.052	0.005	-0.025

P5Q3BQ 0.053	-0.044	0.040	-0.028	0.006
P5Q3CK 0.041	0.060	0.172	-0.001	-0.138
P5Q3DB -0.008	-0.098	-0.019	-0.025	-0.151
P5Q3E -0.060	0.074	0.059	-0.107	-0.007
P5Q3A0 0.007	-0.053	0.024	-0.089	-0.053
P5Q3BK -0.017	-0.006	-0.017	-0.034	-0.019
P5Q3B0 0.039	0.076	0.099	0.084	0.058
P5Q3CU -0.014	0.008	0.014	0.002	-0.089
P5Q3DA 0.031	0.019	0.044	0.073	-0.032
P5Q3AS 0.002	-0.005	0.036	-0.019	-0.032
P5Q3AU 0.044	-0.104	-0.089	0.017	-0.048
P5Q3AZ 0.037	-0.015	0.054	-0.110	0.019
P5Q3BB1 -0.003	-0.020	-0.009	-0.023	-0.089
P5Q3BB2 -0.005	-0.009	0.030	-0.073	-0.010
P5Q3BB5 -0.012	0.011	0.057	0.020	0.000
P5Q3BB6 0.002	-0.028	0.046	-0.112	-0.061
P5Q3BB7 0.009	-0.030	0.073	-0.016	-0.044
P5Q3X 0.014	0.138	0.178	0.095	0.153
P5Q3AA 0.061	0.201	0.253	0.175	0.189
P5Q3AL 0.026	0.180	0.204	0.141	0.204
P5Q3AP 0.011	0.161	0.193	0.181	0.140
P5Q3BI 0.041	0.085	0.138	0.034	0.084
P5Q3BZ 0.011	0.123	0.204	0.146	0.083
P5Q3CJ 0.048	0.116	0.115	0.126	0.082
P5Q3C 0.041	0.007	0.031	0.037	-0.012

P5Q30 0.041	0.128	0.197	0.112	0.107
P5Q3R 0.032	0.105	0.147	0.024	0.077
P5Q3S -0.001	0.174	0.218	0.110	0.125
P5Q3T 0.000	0.140	0.196	0.129	0.092
P5Q3U 0.014	0.062	0.103	0.136	0.033
P5Q3V 0.011	0.201	0.229	0.118	0.163
P5Q3AJ 0.084	0.295	0.290	0.109	0.263
P5Q3BC 0.075	0.159	0.222	0.138	0.150
P5Q3BN 0.059	0.088	0.095	0.105	0.030
P5Q3CF 0.048	0.054	0.132	0.091	0.020
P5Q3CG 0.042	0.072	0.136	-0.003	0.039
P5Q3CH 0.030	-0.041	0.051	0.088	-0.048
P5Q3CI 0.067	0.100	0.120	0.077	0.072
P5Q3CN 0.083	0.080	0.163	0.077	0.160
P5Q3C0 0.089	0.131	0.156	0.168	0.101
P5Q3CQ 0.086	0.207	0.214	0.208	0.154
P5Q3CW 0.064	0.109	0.091	0.044	0.089

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D40_R	K6D48_R	K6F63_R	K6F68_R
K6F74_R				
K6D48_R	0.641			
K6F63_R	0.699	0.707		
K6F68_R	0.663	0.651	0.621	
K6F74_R	0.651	0.659	0.577	0.792
K6D2B_R -0.233	-0.184	-0.191	-0.126	-0.247
K6D2F_R -0.233	-0.168	-0.151	-0.148	-0.236
K6D2G_R	-0.043	-0.018	-0.099	-0.020

-0.112				
K6D2I_R	-0.254	-0.190	-0.163	-0.347
-0.274				
K6D2K_R	-0.183	-0.079	-0.082	-0.169
-0.089				
K6D2L_R	-0.219	-0.183	-0.167	-0.259
-0.207				
K6D2M_R	-0.255	-0.133	-0.182	-0.288
-0.195				
K6D2O_R	-0.133	-0.126	-0.106	-0.054
-0.087				
K6D2S_R	-0.238	-0.204	-0.239	-0.290
-0.265				
K6D2V_R	-0.125	-0.097	-0.095	-0.137
-0.130				
K6D2W_R	-0.139	-0.109	-0.053	-0.137
-0.168				
K6D2Y_R	-0.087	-0.107	-0.110	-0.156
-0.069				
K6D2AA_R	-0.159	-0.095	-0.133	-0.125
-0.121				
K6D2AE_R	-0.119	-0.105	-0.090	-0.119
-0.125				
K6D2AF_R	-0.078	-0.044	-0.077	-0.154
-0.039				
K6D2AH_R	-0.180	-0.088	-0.092	-0.104
-0.061				
P5Q3M	0.056	-0.070	0.015	-0.090
-0.024				
P5Q3AB	-0.053	-0.065	-0.066	-0.113
-0.002				
P5Q3AD	0.066	0.001	-0.033	-0.078
-0.016				
P5Q3AF	0.225	0.080	0.065	0.161
0.056				
P5Q3AH	0.141	-0.044	-0.036	0.162
0.159				
P5Q3AR	0.040	-0.024	-0.029	-0.108
0.031				
P5Q3AV	0.002	0.008	-0.052	-0.033
0.005				
P5Q3AX	0.027	-0.006	-0.063	-0.055
0.009				
P5Q3BQ	0.081	-0.027	-0.028	0.018
0.105				
P5Q3CK	0.129	-0.063	0.039	-0.042
0.017				
P5Q3DB	0.118	0.009	-0.038	0.061
0.095				
P5Q3E	0.100	0.022	0.037	-0.035

-0.054				
P5Q3A0	0.052	-0.040	0.004	-0.009
0.071				
P5Q3BK	0.037	-0.018	-0.015	0.163
0.068				
P5Q3B0	0.168	0.042	0.064	0.127
0.170				
P5Q3CU	0.057	0.007	-0.021	-0.056
0.082				
P5Q3DA	0.092	0.024	0.035	-0.052
0.177				
P5Q3AS	0.148	0.029	-0.001	0.123
0.085				
P5Q3AU	0.080	-0.073	-0.012	0.024
0.043				
P5Q3AZ	0.078	0.073	0.076	0.012
-0.046				
P5Q3BB1	0.038	-0.067	-0.057	0.031
0.108				
P5Q3BB2	0.063	-0.022	0.016	0.040
0.103				
P5Q3BB5	0.094	-0.028	0.023	0.088
0.069				
P5Q3BB6	0.089	-0.070	-0.023	0.043
-0.025				
P5Q3BB7	0.063	-0.058	-0.140	-0.119
-0.049				
P5Q3X	0.139	0.059	0.062	-0.021
0.126				
P5Q3AA	0.223	0.049	0.132	0.117
0.063				
P5Q3AL	0.203	0.015	0.122	0.097
-0.093				
P5Q3AP	0.236	-0.026	0.076	0.091
0.244				
P5Q3BI	0.134	0.009	0.093	0.103
0.074				
P5Q3BZ	0.213	0.002	0.081	-0.182
0.035				
P5Q3CJ	0.311	0.180	0.140	0.335
0.231				
P5Q3C	0.230	0.069	0.050	0.113
0.204				
P5Q30	0.158	0.018	0.059	0.022
0.097				
P5Q3R	0.124	0.008	0.042	0.007
0.067				
P5Q3S	0.200	0.055	0.145	0.062
0.127				
P5Q3T	0.162	0.016	0.075	0.012

0.061				
P5Q3U	0.197	0.008	0.075	0.143
0.139				
P5Q3V	0.136	-0.015	0.138	0.054
0.008				
P5Q3AJ	0.242	0.035	0.122	-0.160
-0.011				
P5Q3BC	0.251	0.121	0.122	0.057
0.172				
P5Q3BN	0.241	0.078	0.112	0.110
0.115				
P5Q3CF	0.179	0.001	0.063	0.092
0.161				
P5Q3CG	0.195	-0.002	0.050	-0.010
0.072				
P5Q3CH	0.210	0.077	0.070	0.105
0.248				
P5Q3CI	0.065	0.051	0.025	-0.014
0.021				
P5Q3CN	0.146	0.014	0.078	0.139
0.081				
P5Q3C0	0.264	0.084	0.111	0.081
0.209				
P5Q3CQ	0.274	0.009	0.092	-0.033
0.080				
P5Q3CW	0.114	0.030	0.048	-0.028
-0.048				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2K_R	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2F_R	0.501			
K6D2G_R	0.294	0.387		
K6D2I_R	0.274	0.267	0.161	
K6D2K_R	0.320	0.309	0.184	0.453
K6D2L_R	0.529	0.409	0.386	0.322
0.305				
K6D2M_R	0.317	0.349	0.177	0.469
0.629				
K6D20_R	0.427	0.377	0.221	0.243
0.256				
K6D2S_R	0.688	0.612	0.328	0.344
0.352				
K6D2V_R	0.328	0.369	0.196	0.482
0.473				
K6D2W_R	0.419	0.413	0.210	0.347
0.439				

K6D2Y_R 0.268	0.402	0.365	0.322	0.279
K6D2AA_R 0.306	0.529	0.520	0.391	0.269
K6D2AE_R 0.324	0.323	0.340	0.191	0.259
K6D2AF_R 0.252	0.380	0.393	0.422	0.232
K6D2AH_R 0.256	0.317	0.354	0.208	0.243
P5Q3M -0.021	-0.064	-0.074	0.020	-0.011
P5Q3AB -0.063	-0.044	0.030	0.018	0.010
P5Q3AD -0.062	0.016	-0.057	-0.035	-0.013
P5Q3AF -0.105	-0.064	-0.089	-0.061	-0.075
P5Q3AH -0.114	-0.040	-0.048	-0.022	-0.087
P5Q3AR -0.019	0.037	-0.014	-0.042	-0.039
P5Q3AV -0.055	-0.004	-0.034	-0.050	-0.055
P5Q3AX -0.001	0.013	-0.038	-0.024	-0.018
P5Q3BQ -0.099	-0.041	-0.070	0.028	-0.102
P5Q3CK -0.043	-0.103	-0.120	0.018	0.004
P5Q3DB -0.060	-0.034	-0.068	0.031	-0.051
P5Q3E 0.024	-0.011	-0.060	-0.053	0.072
P5Q3A0 -0.054	-0.016	-0.090	-0.084	-0.017
P5Q3BK 0.027	-0.022	-0.054	-0.090	0.021
P5Q3B0 -0.060	-0.065	-0.098	-0.036	-0.084
P5Q3CU -0.073	-0.076	-0.053	0.040	-0.027
P5Q3DA -0.072	-0.105	-0.110	-0.040	-0.050
P5Q3AS -0.083	-0.101	-0.084	0.016	-0.018
P5Q3AU -0.071	-0.020	-0.049	-0.042	-0.036
P5Q3AZ -0.051	-0.078	-0.062	-0.081	0.030

P5Q3BB1	-0.089	-0.087	-0.062	-0.040
-0.084				
P5Q3BB2	-0.003	-0.033	0.003	-0.007
-0.011				
P5Q3BB5	-0.059	-0.100	-0.055	-0.008
-0.024				
P5Q3BB6	-0.126	-0.081	-0.033	-0.052
-0.059				
P5Q3BB7	-0.027	-0.076	-0.061	-0.012
-0.060				
P5Q3X	-0.079	-0.043	-0.029	-0.015
0.003				
P5Q3AA	0.002	-0.006	0.022	-0.063
-0.018				
P5Q3AL	0.092	0.047	0.021	-0.054
0.030				
P5Q3AP	-0.014	-0.013	0.008	-0.049
-0.032				
P5Q3BI	0.024	-0.023	-0.009	0.019
-0.003				
P5Q3BZ	-0.055	0.003	-0.039	-0.004
0.022				
P5Q3CJ	-0.025	0.003	-0.017	-0.031
-0.054				
P5Q3C	-0.062	-0.089	0.009	-0.081
-0.082				
P5Q30	-0.051	-0.066	-0.047	-0.064
-0.068				
P5Q3R	-0.037	-0.052	-0.007	-0.021
-0.041				
P5Q3S	-0.049	-0.014	-0.057	-0.027
-0.051				
P5Q3T	-0.041	-0.004	-0.067	-0.038
-0.074				
P5Q3U	-0.018	-0.032	0.030	-0.068
-0.080				
P5Q3V	0.024	-0.029	-0.055	-0.042
0.016				
P5Q3AJ	0.060	0.058	-0.100	-0.005
0.034				
P5Q3BC	0.004	-0.036	-0.001	-0.041
-0.016				
P5Q3BN	-0.063	-0.043	0.004	0.004
-0.016				
P5Q3CF	-0.039	-0.101	-0.027	-0.043
-0.048				
P5Q3CG	-0.061	-0.085	-0.042	-0.009
-0.039				
P5Q3CH	-0.083	-0.108	0.017	-0.112
-0.073				

P5Q3CI 0.012	-0.024	-0.046	-0.019	0.015
P5Q3CN -0.026	-0.036	-0.046	-0.027	-0.013
P5Q3C0 -0.054	-0.025	-0.072	-0.046	-0.074
P5Q3CQ -0.006	-0.009	-0.002	-0.005	-0.005
P5Q3CW -0.018	0.030	0.025	0.026	0.023

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

K6D2V_R	K6D2L_R	K6D2M_R	K6D2O_R	K6D2S_R
K6D2M_R	0.328			
K6D2O_R	0.347	0.285		
K6D2S_R	0.575	0.355	0.473	
K6D2V_R	0.336	0.478	0.342	0.384
K6D2W_R	0.397	0.425	0.453	0.504
0.472				
K6D2Y_R	0.571	0.313	0.360	0.508
0.308				
K6D2AA_R	0.519	0.314	0.405	0.643
0.346				
K6D2AE_R	0.298	0.325	0.348	0.406
0.335				
K6D2AF_R	0.544	0.261	0.372	0.455
0.319				
K6D2AH_R	0.323	0.264	0.355	0.382
0.347				
P5Q3M	-0.033	-0.031	-0.063	-0.011
-0.085				
P5Q3AB	-0.028	-0.024	-0.022	0.000
-0.023				
P5Q3AD	-0.027	-0.033	0.000	-0.026
-0.030				
P5Q3AF	-0.093	-0.112	-0.042	-0.012
-0.082				
P5Q3AH	-0.046	-0.070	-0.020	-0.017
-0.164				
P5Q3AR	0.011	-0.061	-0.043	0.044
-0.056				
P5Q3AV	0.024	-0.090	-0.089	0.025
-0.069				
P5Q3AX	-0.071	-0.008	-0.034	0.044
-0.031				
P5Q3BQ	-0.043	-0.107	-0.022	-0.052

-0.108				
P5Q3CK	-0.086	0.029	-0.028	0.010
-0.028				
P5Q3DB	-0.001	-0.064	-0.057	-0.028
-0.032				
P5Q3E	-0.047	0.001	-0.047	-0.059
-0.061				
P5Q3A0	-0.058	-0.045	-0.112	-0.069
-0.107				
P5Q3BK	-0.036	0.012	-0.012	-0.005
-0.037				
P5Q3B0	-0.095	-0.063	-0.030	-0.098
-0.058				
P5Q3CU	-0.096	-0.024	-0.053	0.034
-0.105				
P5Q3DA	-0.024	-0.055	-0.075	-0.087
-0.083				
P5Q3AS	0.008	-0.046	-0.066	-0.084
-0.085				
P5Q3AU	-0.068	-0.012	-0.036	-0.011
-0.036				
P5Q3AZ	-0.086	0.005	-0.050	0.042
-0.022				
P5Q3BB1	-0.051	-0.073	-0.067	-0.065
-0.037				
P5Q3BB2	-0.034	-0.006	0.014	-0.037
0.017				
P5Q3BB5	-0.061	-0.060	-0.026	-0.033
0.001				
P5Q3BB6	-0.021	-0.044	-0.026	-0.047
-0.084				
P5Q3BB7	-0.018	0.051	0.012	0.008
-0.023				
P5Q3X	-0.041	0.009	-0.023	-0.046
-0.051				
P5Q3AA	-0.013	-0.018	-0.011	0.015
-0.021				
P5Q3AL	0.023	-0.011	0.031	0.011
0.048				
P5Q3AP	-0.008	-0.050	-0.030	-0.012
-0.056				
P5Q3BI	0.037	-0.009	0.005	-0.008
0.004				
P5Q3BZ	-0.020	0.078	0.025	0.046
0.038				
P5Q3CJ	-0.060	-0.003	-0.022	-0.016
-0.038				
P5Q3C	0.018	-0.095	-0.036	-0.055
-0.106				
P5Q30	-0.035	-0.068	0.006	-0.041

-0.060				
P5Q3R	-0.011	-0.062	-0.011	-0.028
-0.059				
P5Q3S	0.016	0.010	-0.018	0.007
-0.055				
P5Q3T	-0.011	0.010	0.000	0.039
-0.089				
P5Q3U	0.003	-0.075	-0.012	-0.016
-0.071				
P5Q3V	0.012	-0.030	0.020	0.013
-0.034				
P5Q3AJ	-0.067	0.024	-0.005	0.022
0.024				
P5Q3BC	-0.050	0.007	-0.008	-0.004
0.024				
P5Q3BN	-0.027	-0.021	-0.079	-0.034
0.006				
P5Q3CF	0.008	-0.028	-0.024	-0.028
-0.069				
P5Q3CG	-0.051	-0.034	-0.040	-0.077
-0.064				
P5Q3CH	-0.069	-0.053	-0.090	-0.088
-0.134				
P5Q3CI	-0.113	0.046	-0.053	0.010
-0.046				
P5Q3CN	-0.024	-0.012	-0.022	-0.030
-0.075				
P5Q3C0	0.032	-0.037	-0.057	-0.023
-0.084				
P5Q3CQ	-0.050	0.058	-0.014	0.006
-0.017				
P5Q3CW	0.066	0.004	-0.032	0.037
-0.051				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R
K6D2AF_R				
K6D2Y_R	0.457			
K6D2AA_R	0.449	0.465		
K6D2AE_R	0.446	0.334	0.360	
K6D2AF_R	0.428	0.569	0.479	0.356
K6D2AH_R	0.352	0.301	0.324	0.301
0.381				
P5Q3M	-0.003	-0.005	-0.007	-0.021
-0.032				
P5Q3AB	-0.020	-0.030	-0.018	0.028
-0.009				

P5Q3AD	0.024	-0.036	-0.076	0.011
-0.052				
P5Q3AF	-0.007	-0.055	-0.029	-0.008
-0.065				
P5Q3AH	-0.104	0.019	-0.017	-0.091
-0.065				
P5Q3AR	-0.016	-0.010	0.004	0.029
-0.064				
P5Q3AV	-0.036	-0.023	-0.022	-0.039
-0.086				
P5Q3AX	0.010	-0.010	-0.030	0.025
0.020				
P5Q3BQ	-0.067	-0.062	-0.066	-0.042
-0.012				
P5Q3CK	0.006	0.038	0.035	-0.066
0.013				
P5Q3DB	-0.045	0.016	-0.033	-0.063
-0.019				
P5Q3E	0.037	-0.001	-0.075	0.009
-0.011				
P5Q3A0	-0.070	-0.016	-0.129	-0.073
-0.103				
P5Q3BK	0.011	-0.054	-0.039	-0.041
-0.062				
P5Q3B0	-0.058	-0.040	-0.087	-0.067
-0.059				
P5Q3CU	0.020	0.028	-0.030	0.009
-0.006				
P5Q3DA	-0.021	-0.052	-0.064	-0.013
-0.068				
P5Q3AS	-0.118	-0.055	-0.067	-0.036
0.017				
P5Q3AU	-0.112	0.003	-0.035	-0.003
-0.057				
P5Q3AZ	0.095	-0.007	-0.031	0.022
-0.033				
P5Q3BB1	0.011	-0.017	-0.063	0.017
-0.063				
P5Q3BB2	0.018	-0.044	-0.051	0.026
-0.001				
P5Q3BB5	-0.007	-0.124	-0.118	0.027
-0.042				
P5Q3BB6	0.023	-0.061	-0.084	-0.007
-0.060				
P5Q3BB7	0.055	-0.047	-0.054	0.016
0.024				
P5Q3X	-0.017	0.002	0.013	0.001
-0.055				
P5Q3AA	-0.007	0.017	0.059	0.016
-0.030				

P5Q3AL	0.030	0.002	0.034	0.050
-0.021				
P5Q3AP	-0.007	-0.020	0.025	-0.024
-0.065				
P5Q3BI	0.014	0.006	-0.004	0.008
-0.044				
P5Q3BZ	0.036	-0.037	0.011	0.099
-0.084				
P5Q3CJ	0.006	0.003	0.028	-0.039
-0.079				
P5Q3C	-0.101	-0.005	-0.022	-0.063
-0.012				
P5Q30	-0.040	-0.007	-0.021	-0.044
-0.045				
P5Q3R	-0.027	-0.012	-0.026	-0.015
0.011				
P5Q3S	-0.004	0.016	-0.003	0.010
0.023				
P5Q3T	-0.002	0.037	0.009	-0.001
-0.053				
P5Q3U	-0.053	0.034	0.033	-0.020
-0.007				
P5Q3V	-0.020	0.013	0.021	0.038
-0.073				
P5Q3AJ	-0.009	-0.033	0.000	0.039
-0.076				
P5Q3BC	-0.054	-0.004	-0.047	-0.008
-0.045				
P5Q3BN	0.008	-0.011	-0.055	-0.022
-0.022				
P5Q3CF	-0.016	0.007	-0.017	-0.006
-0.037				
P5Q3CG	-0.016	-0.037	-0.037	-0.001
-0.035				
P5Q3CH	-0.034	-0.027	-0.079	-0.029
-0.050				
P5Q3CI	0.014	0.046	-0.014	-0.011
-0.041				
P5Q3CN	0.038	0.041	0.028	0.019
-0.011				
P5Q3C0	-0.040	0.008	0.016	-0.046
-0.016				
P5Q3CQ	0.015	0.061	-0.061	0.007
-0.060				
P5Q3CW	0.001	0.053	0.040	0.037
0.023				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
K6D2AH_R P5Q3M P5Q3AB P5Q3AD

P5Q3AF

P5Q3M	-0.048			
P5Q3AB	0.020	0.215		
P5Q3AD	-0.074	0.298	0.379	
P5Q3AF	-0.078	0.462	0.291	0.453
P5Q3AH	-0.062	0.400	0.348	0.516
0.716				
P5Q3AR	-0.008	0.263	0.265	0.378
0.379				
P5Q3AV	-0.043	0.396	0.489	0.491
0.469				
P5Q3AX	0.017	0.396	0.382	0.588
0.544				
P5Q3BQ	-0.036	0.271	0.339	0.346
0.340				
P5Q3CK	-0.086	0.467	0.284	0.504
0.653				
P5Q3DB	-0.006	0.289	0.236	0.320
0.388				
P5Q3E	-0.077	0.315	0.189	0.383
0.340				
P5Q3A0	-0.044	0.314	0.230	0.347
0.344				
P5Q3BK	-0.057	0.331	0.281	0.349
0.294				
P5Q3B0	-0.025	0.254	0.202	0.303
0.263				
P5Q3CU	0.051	0.322	0.240	0.347
0.384				
P5Q3DA	-0.040	0.353	0.289	0.385
0.385				
P5Q3AS	-0.005	0.260	0.304	0.352
0.406				
P5Q3AU	0.039	0.256	0.237	0.285
0.305				
P5Q3AZ	-0.011	0.381	0.313	0.461
0.479				
P5Q3BB1	-0.029	0.301	0.227	0.331
0.397				
P5Q3BB2	0.000	0.215	0.208	0.201
0.261				
P5Q3BB5	-0.004	0.182	0.140	0.227
0.283				
P5Q3BB6	-0.069	0.304	0.209	0.311
0.362				
P5Q3BB7	-0.027	0.252	0.209	0.316
0.324				
P5Q3X	-0.020	0.313	0.148	0.349

0.344				
P5Q3AA	-0.023	0.359	0.252	0.210
0.331				
P5Q3AL	0.018	0.245	0.138	0.303
0.310				
P5Q3AP	-0.048	0.352	0.209	0.303
0.351				
P5Q3BI	0.021	0.108	0.142	0.210
0.212				
P5Q3BZ	0.056	0.340	0.248	0.342
0.398				
P5Q3CJ	-0.062	0.330	0.247	0.348
0.389				
P5Q3C	-0.044	0.356	0.140	0.203
0.424				
P5Q30	-0.058	0.469	0.164	0.338
0.415				
P5Q3R	-0.015	0.476	0.255	0.308
0.452				
P5Q3S	-0.019	0.473	0.190	0.320
0.400				
P5Q3T	-0.046	0.455	0.180	0.325
0.397				
P5Q3U	-0.020	0.382	0.223	0.264
0.391				
P5Q3V	0.015	0.287	0.173	0.266
0.302				
P5Q3AJ	-0.004	0.350	0.179	0.372
0.412				
P5Q3BC	-0.069	0.385	0.236	0.424
0.401				
P5Q3BN	-0.059	0.505	0.215	0.359
0.512				
P5Q3CF	-0.060	0.364	0.264	0.255
0.401				
P5Q3CG	-0.042	0.441	0.265	0.330
0.436				
P5Q3CH	-0.065	0.461	0.298	0.367
0.476				
P5Q3CI	0.015	0.332	0.331	0.439
0.378				
P5Q3CN	-0.020	0.320	0.165	0.285
0.298				
P5Q3C0	-0.050	0.405	0.207	0.220
0.448				
P5Q3CQ	-0.038	0.375	0.287	0.429
0.487				
P5Q3CW	-0.033	0.314	0.212	0.277
0.327				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
P5Q3BQ	P5Q3AH	P5Q3AR	P5Q3AV	P5Q3AX
P5Q3AR	0.470			
P5Q3AV	0.576	0.532		
P5Q3AX	0.675	0.485	0.643	
P5Q3BQ	0.406	0.320	0.470	0.436
P5Q3CK	0.646	0.473	0.473	0.606
0.391				
P5Q3DB	0.512	0.361	0.529	0.524
0.443				
P5Q3E	0.328	0.258	0.332	0.268
0.132				
P5Q3A0	0.432	0.381	0.346	0.408
0.295				
P5Q3BK	0.381	0.441	0.405	0.411
0.335				
P5Q3B0	0.337	0.362	0.334	0.402
0.416				
P5Q3CU	0.462	0.355	0.381	0.469
0.387				
P5Q3DA	0.484	0.407	0.376	0.471
0.410				
P5Q3AS	0.472	0.366	0.467	0.434
0.312				
P5Q3AU	0.423	0.394	0.440	0.464
0.211				
P5Q3AZ	0.456	0.410	0.474	0.527
0.410				
P5Q3BB1	0.452	0.303	0.354	0.443
0.300				
P5Q3BB2	0.224	0.248	0.276	0.333
0.223				
P5Q3BB5	0.219	0.237	0.232	0.276
0.233				
P5Q3BB6	0.434	0.288	0.401	0.483
0.298				
P5Q3BB7	0.349	0.352	0.394	0.487
0.280				
P5Q3X	0.337	0.273	0.285	0.223
0.148				
P5Q3AA	0.418	0.326	0.248	0.234
0.202				
P5Q3AL	0.396	0.323	0.266	0.339
0.207				
P5Q3AP	0.446	0.347	0.338	0.339
0.265				

P5Q3BI 0.304	0.257	0.197	0.134	0.244
P5Q3BZ 0.245	0.492	0.365	0.334	0.369
P5Q3CJ 0.272	0.474	0.384	0.346	0.405
P5Q3C 0.314	0.419	0.230	0.336	0.282
P5Q30 0.213	0.415	0.320	0.300	0.330
P5Q3R 0.328	0.457	0.260	0.393	0.340
P5Q3S 0.195	0.451	0.339	0.344	0.342
P5Q3T 0.230	0.443	0.353	0.365	0.331
P5Q3U 0.257	0.465	0.257	0.318	0.271
P5Q3V 0.158	0.384	0.350	0.217	0.265
P5Q3AJ 0.204	0.488	0.430	0.300	0.388
P5Q3BC 0.306	0.547	0.430	0.415	0.492
P5Q3BN 0.341	0.455	0.320	0.387	0.382
P5Q3CF 0.390	0.474	0.344	0.392	0.381
P5Q3CG 0.383	0.433	0.425	0.469	0.444
P5Q3CH 0.412	0.571	0.380	0.523	0.536
P5Q3CI 0.404	0.433	0.408	0.479	0.506
P5Q3CN 0.282	0.361	0.324	0.283	0.368
P5Q3C0 0.347	0.475	0.320	0.379	0.333
P5Q3CQ 0.300	0.563	0.393	0.384	0.504
P5Q3CW 0.288	0.402	0.368	0.357	0.383

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3BK	P5Q3CK	P5Q3DB	P5Q3E	P5Q3A0
	<hr/>	<hr/>	<hr/>	<hr/>
P5Q3DB	0.418			

P5Q3E	0.422	0.047		
P5Q3A0	0.371	0.283	0.318	
P5Q3BK	0.499	0.238	0.359	0.499
P5Q3B0	0.449	0.323	0.238	0.352
0.513				
P5Q3CU	0.513	0.309	0.318	0.392
0.420				
P5Q3DA	0.505	0.447	0.363	0.628
0.560				
P5Q3AS	0.502	0.373	0.152	0.220
0.267				
P5Q3AU	0.450	0.243	0.207	0.327
0.311				
P5Q3AZ	0.534	0.374	0.379	0.443
0.536				
P5Q3BB1	0.398	0.381	0.163	0.244
0.288				
P5Q3BB2	0.332	0.247	0.141	0.212
0.252				
P5Q3BB5	0.190	0.166	0.165	0.226
0.259				
P5Q3BB6	0.455	0.372	0.234	0.261
0.261				
P5Q3BB7	0.471	0.253	0.215	0.266
0.291				
P5Q3X	0.352	0.115	0.366	0.284
0.333				
P5Q3AA	0.376	0.172	0.128	0.182
0.297				
P5Q3AL	0.389	0.138	0.226	0.230
0.305				
P5Q3AP	0.363	0.257	0.229	0.270
0.318				
P5Q3BI	0.248	0.189	0.127	0.231
0.259				
P5Q3BZ	0.555	0.250	0.217	0.334
0.427				
P5Q3CJ	0.646	0.270	0.310	0.352
0.431				
P5Q3C	0.361	0.353	0.114	0.160
0.150				
P5Q30	0.530	0.216	0.328	0.342
0.359				
P5Q3R	0.490	0.312	0.220	0.222
0.298				
P5Q3S	0.550	0.203	0.366	0.313
0.383				
P5Q3T	0.527	0.216	0.306	0.311
0.327				
P5Q3U	0.387	0.246	0.134	0.169

0.229				
P5Q3V	0.471	0.118	0.146	0.168
0.248				
P5Q3AJ	0.525	0.202	0.279	0.331
0.307				
P5Q3BC	0.618	0.337	0.271	0.372
0.424				
P5Q3BN	0.551	0.282	0.339	0.270
0.356				
P5Q3CF	0.521	0.335	0.184	0.304
0.400				
P5Q3CG	0.559	0.344	0.327	0.401
0.446				
P5Q3CH	0.520	0.393	0.296	0.330
0.447				
P5Q3CI	0.471	0.312	0.342	0.392
0.443				
P5Q3CN	0.400	0.283	0.232	0.283
0.289				
P5Q3C0	0.520	0.277	0.187	0.250
0.313				
P5Q3CQ	0.651	0.333	0.332	0.311
0.433				
P5Q3CW	0.442	0.266	0.217	0.262
0.258				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3AU	P5Q3B0	P5Q3CU	P5Q3DA	P5Q3AS
P5Q3CU	0.365			
P5Q3DA	0.455	0.518		
P5Q3AS	0.269	0.261	0.285	
P5Q3AU	0.274	0.353	0.318	0.311
P5Q3AZ	0.423	0.657	0.503	0.353
0.343				
P5Q3BB1	0.282	0.426	0.374	0.296
0.412				
P5Q3BB2	0.294	0.298	0.332	0.288
0.313				
P5Q3BB5	0.183	0.273	0.252	0.205
0.250				
P5Q3BB6	0.240	0.342	0.357	0.317
0.464				
P5Q3BB7	0.258	0.373	0.345	0.288
0.363				
P5Q3X	0.320	0.243	0.282	0.157
0.214				

P5Q3AA 0.155	0.284	0.183	0.251	0.263
P5Q3AL 0.265	0.275	0.180	0.248	0.243
P5Q3AP 0.229	0.384	0.304	0.296	0.294
P5Q3BI 0.122	0.287	0.198	0.192	0.204
P5Q3BZ 0.303	0.485	0.346	0.436	0.326
P5Q3CJ 0.322	0.388	0.324	0.445	0.321
P5Q3C 0.211	0.201	0.225	0.183	0.268
P5Q3O 0.275	0.389	0.329	0.412	0.256
P5Q3R 0.235	0.283	0.300	0.320	0.304
P5Q3S 0.191	0.333	0.240	0.378	0.287
P5Q3T 0.184	0.306	0.292	0.336	0.270
P5Q3U 0.199	0.275	0.257	0.253	0.243
P5Q3V 0.106	0.264	0.160	0.250	0.203
P5Q3AJ 0.245	0.244	0.232	0.335	0.309
P5Q3BC 0.382	0.428	0.391	0.509	0.341
P5Q3BN 0.227	0.335	0.319	0.350	0.278
P5Q3CF 0.270	0.378	0.347	0.394	0.336
P5Q3CG 0.278	0.469	0.385	0.490	0.347
P5Q3CH 0.322	0.375	0.452	0.450	0.367
P5Q3CI 0.354	0.429	0.484	0.457	0.317
P5Q3CN 0.245	0.305	0.270	0.385	0.259
P5Q3CO 0.256	0.304	0.295	0.355	0.269
P5Q3CQ 0.308	0.405	0.427	0.434	0.324
P5Q3CW 0.269	0.267	0.371	0.308	0.281

P5Q3BB6	CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)			
	P5Q3AZ	P5Q3BB1	P5Q3BB2	P5Q3BB5
P5Q3BB1	0.529			
P5Q3BB2	0.437	0.657		
P5Q3BB5	0.366	0.411	0.395	
P5Q3BB6	0.449	0.687	0.633	0.479
P5Q3BB7	0.446	0.582	0.543	0.423
0.738 P5Q3X	0.351	0.182	0.118	0.135
0.138 P5Q3AA	0.272	0.209	0.154	0.107
0.164 P5Q3AL	0.313	0.260	0.248	0.158
0.250 P5Q3AP	0.323	0.242	0.177	0.200
0.240 P5Q3BI	0.243	0.158	0.173	0.168
0.219 P5Q3BZ	0.374	0.240	0.240	0.240
0.200 P5Q3CJ	0.414	0.358	0.228	0.185
0.289 P5Q3C	0.228	0.253	0.175	0.121
0.232 P5Q3O	0.371	0.245	0.198	0.171
0.243 P5Q3R	0.350	0.258	0.149	0.158
0.238 P5Q3S	0.397	0.238	0.161	0.168
0.197 P5Q3T	0.398	0.288	0.176	0.228
0.218 P5Q3U	0.250	0.254	0.144	0.120
0.218 P5Q3V	0.292	0.169	0.126	0.138
0.137 P5Q3AJ	0.356	0.209	0.183	0.240
0.194 P5Q3BC	0.475	0.289	0.262	0.282
0.285 P5Q3BN	0.414	0.298	0.223	0.184
0.294 P5Q3CF	0.350	0.324	0.259	0.198
0.306 P5Q3CG	0.458	0.324	0.314	0.253
0.338 P5Q3CH	0.469	0.406	0.320	0.218

0.342				
P5Q3CI	0.452	0.347	0.268	0.253
0.314				
P5Q3CN	0.299	0.257	0.224	0.197
0.246				
P5Q3C0	0.283	0.280	0.201	0.163
0.287				
P5Q3CQ	0.447	0.286	0.247	0.200
0.342				
P5Q3CW	0.435	0.264	0.215	0.215
0.287				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3AP	P5Q3BB7	P5Q3X	P5Q3AA	P5Q3AL
P5Q3X	0.202			
P5Q3AA	0.197	0.443		
P5Q3AL	0.281	0.363	0.568	
P5Q3AP	0.212	0.431	0.603	0.488
P5Q3BI	0.233	0.203	0.274	0.290
0.243				
P5Q3BZ	0.331	0.412	0.519	0.463
0.624				
P5Q3CJ	0.360	0.405	0.479	0.494
0.500				
P5Q3C	0.141	0.285	0.436	0.305
0.386				
P5Q30	0.282	0.514	0.527	0.478
0.512				
P5Q3R	0.162	0.335	0.400	0.285
0.358				
P5Q3S	0.234	0.462	0.553	0.495
0.545				
P5Q3T	0.300	0.475	0.555	0.443
0.574				
P5Q3U	0.176	0.390	0.710	0.417
0.530				
P5Q3V	0.194	0.401	0.733	0.570
0.533				
P5Q3AJ	0.282	0.421	0.584	0.613
0.484				
P5Q3BC	0.450	0.459	0.511	0.474
0.495				
P5Q3BN	0.222	0.397	0.419	0.267
0.424				
P5Q3CF	0.277	0.355	0.468	0.340
0.447				

P5Q3CG 0.391	0.265	0.418	0.380	0.314
P5Q3CH 0.392	0.301	0.364	0.334	0.283
P5Q3CI 0.411	0.382	0.384	0.257	0.308
P5Q3CN 0.466	0.274	0.363	0.440	0.408
P5Q3C0 0.439	0.219	0.413	0.517	0.364
P5Q3CQ 0.515	0.354	0.501	0.600	0.501
P5Q3CW 0.392	0.250	0.361	0.415	0.340

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q30	P5Q3BI	P5Q3BZ	P5Q3CJ	P5Q3C
P5Q3BZ	0.229			
P5Q3CJ	0.232	0.605		
P5Q3C	0.228	0.294	0.400	
P5Q30	0.241	0.570	0.518	0.490
P5Q3R 0.473	0.271	0.381	0.296	0.422
P5Q3S 0.636	0.233	0.559	0.518	0.352
P5Q3T 0.623	0.206	0.603	0.543	0.390
P5Q3U 0.542	0.226	0.459	0.446	0.539
P5Q3V 0.536	0.276	0.500	0.437	0.375
P5Q3AJ 0.637	0.263	0.513	0.565	0.399
P5Q3BC 0.682	0.269	0.580	0.674	0.400
P5Q3BN 0.463	0.239	0.423	0.508	0.502
P5Q3CF 0.514	0.292	0.433	0.482	0.504
P5Q3CG 0.507	0.290	0.470	0.517	0.387
P5Q3CH 0.341	0.198	0.431	0.458	0.390
P5Q3CI 0.360	0.272	0.499	0.486	0.207
P5Q3CN	0.347	0.416	0.457	0.407

0.570				
P5Q3C0	0.265	0.430	0.558	0.526
0.533				
P5Q3CQ	0.314	0.621	0.639	0.467
0.697				
P5Q3CW	0.290	0.447	0.466	0.375
0.415				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3V	P5Q3R	P5Q3S	P5Q3T	P5Q3U
P5Q3S	0.548			
P5Q3T	0.453	0.821		
P5Q3U	0.433	0.513	0.556	
P5Q3V	0.368	0.517	0.537	0.732
P5Q3AJ	0.448	0.514	0.565	0.425
0.658				
P5Q3BC	0.435	0.578	0.639	0.494
0.520				
P5Q3BN	0.428	0.472	0.505	0.470
0.311				
P5Q3CF	0.453	0.443	0.441	0.521
0.389				
P5Q3CG	0.450	0.484	0.466	0.381
0.332				
P5Q3CH	0.413	0.408	0.399	0.442
0.278				
P5Q3CI	0.356	0.358	0.365	0.268
0.233				
P5Q3CN	0.433	0.404	0.459	0.389
0.382				
P5Q3C0	0.470	0.505	0.542	0.564
0.463				
P5Q3CQ	0.440	0.542	0.646	0.554
0.544				
P5Q3CW	0.443	0.431	0.454	0.385
0.341				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

P5Q3CG	P5Q3AJ	P5Q3BC	P5Q3BN	P5Q3CF
P5Q3BC	0.709			
P5Q3BN	0.432	0.543		
P5Q3CF	0.394	0.516	0.525	

P5Q3CG	0.438	0.589	0.537	0.635
P5Q3CH	0.323	0.416	0.488	0.565
0.615				
P5Q3CI	0.349	0.456	0.417	0.423
0.534				
P5Q3CN	0.522	0.541	0.466	0.457
0.454				
P5Q3C0	0.565	0.626	0.641	0.653
0.590				
P5Q3CQ	0.684	0.794	0.611	0.579
0.565				
P5Q3CW	0.409	0.474	0.553	0.466
0.498				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)				
	P5Q3CH	P5Q3CI	P5Q3CN	P5Q3C0
P5Q3CQ				
P5Q3CI	0.549			
P5Q3CN	0.379	0.446		
P5Q3C0	0.516	0.412	0.527	
P5Q3CQ	0.504	0.517	0.608	0.702
P5Q3CW	0.375	0.443	0.479	0.529
0.523				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
P5Q3CW

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Percentiles		Mean/ Variance Median	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max
Sample Size					
20%/60%	40%/80%				
THREATCOMP		0.006	1.934	-1.128	0.03%
-0.424	-0.212	-0.098			
	3736.000	0.295	10.692	7.103	0.03%
0.024	0.364				
DEPCOMP		0.008	1.308	-1.473	0.03%
-0.426	-0.192	-0.076			
	3736.000	0.287	3.900	4.020	0.03%

0.058 0.383

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 368

Chi-Square Test of Model Fit

Value	34799.950*
Degrees of Freedom	5131
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	0.039	
90 Percent C.I.	0.039	0.040
Probability RMSEA <= .05	1.000	

CFI/TLI

CFI	0.710
TLI	0.704

Chi-Square Test of Model Fit for the Baseline Model

Value	107698.803
Degrees of Freedom	5252
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.119
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Optimum Function Value for Weighted Least-Squares Estimator

Value	0.11339063D+02
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MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.532	0.016	32.826	0.000
K6B1B_R	0.628	0.017	36.956	0.000
K6B1C_R	0.623	0.016	38.469	0.000
K6B1D_R	0.513	0.018	27.994	0.000
SC9 BY				
K5E1A	0.204	0.023	8.729	0.000
K5E1B	0.153	0.023	6.787	0.000
K5E1C	0.211	0.023	9.183	0.000
K5E1D	0.218	0.025	8.644	0.000
INTERNAL BY				
K6D2AG_R	0.146	0.103	1.417	0.156
K6D2AI_R	0.109	0.077	1.418	0.156
K6D2D_R	0.123	0.087	1.418	0.156
K6D2J_R	0.111	0.078	1.419	0.156
K6D2T_R	0.130	0.091	1.418	0.156
K6D2AC_R	0.166	0.118	1.416	0.157
K6D2AK_R	0.106	0.075	1.414	0.157
K6D2C_R	0.114	0.080	1.416	0.157
K6D2N_R	0.160	0.113	1.417	0.156
K6D2X_R	0.145	0.103	1.416	0.157
EXTERN BY				
K6D2A_R	0.429	0.015	27.996	0.000
K6D2P_R	0.611	0.013	46.444	0.000
K6D2R_R	0.469	0.015	30.941	0.000
K6D2Z_R	0.498	0.015	32.889	0.000
K6D2AB_R	0.503	0.014	36.307	0.000
K6D2AJ_R	0.641	0.014	47.249	0.000
K6D61C	0.750	0.015	50.363	0.000
K6D61D	0.551	0.015	35.739	0.000
K6D61E	0.549	0.021	26.383	0.000
K6D61K	0.739	0.014	54.166	0.000
K6D61L	0.481	0.020	24.190	0.000
K6D61M	0.402	0.018	21.889	0.000
K6D40_R	0.553	0.024	23.074	0.000
K6D48_R	0.482	0.020	24.232	0.000
K6F63_R	0.512	0.018	27.664	0.000
K6F68_R	0.565	0.036	15.786	0.000
K6F74_R	0.547	0.032	17.141	0.000

PAF	BY				
K6D2B_R		0.604	0.016	38.454	0.000
K6D2F_R		0.530	0.015	35.671	0.000
K6D2G_R		0.344	0.020	17.168	0.000
K6D2I_R		0.401	0.014	27.758	0.000
K6D2K_R		0.458	0.014	31.747	0.000
K6D2L_R		0.566	0.020	28.989	0.000
K6D2M_R		0.471	0.015	32.367	0.000
K6D2O_R		0.455	0.014	32.038	0.000
K6D2S_R		0.694	0.015	45.269	0.000
K6D2V_R		0.474	0.015	31.248	0.000
K6D2W_R		0.521	0.014	37.181	0.000
K6D2Y_R		0.513	0.017	30.799	0.000
K6D2AA_R		0.565	0.015	37.249	0.000
K6D2AE_R		0.376	0.014	26.009	0.000
K6D2AF_R		0.488	0.018	27.414	0.000
K6D2AH_R		0.384	0.016	24.067	0.000

INCBCL	BY				
P5Q3M		0.514	0.024	21.655	0.000
P5Q3AB		0.449	0.021	21.627	0.000
P5Q3AD		0.605	0.022	27.246	0.000
P5Q3AF		0.674	0.021	32.624	0.000
P5Q3AH		0.772	0.023	33.381	0.000
P5Q3AR		0.593	0.025	24.084	0.000
P5Q3AV		0.719	0.019	36.975	0.000
P5Q3AX		0.771	0.024	31.599	0.000
P5Q3BQ		0.562	0.018	30.890	0.000
P5Q3CK		0.765	0.035	21.563	0.000
P5Q3DB		0.565	0.019	29.115	0.000
P5Q3E		0.428	0.027	15.792	0.000
P5Q3A0		0.580	0.022	26.031	0.000
P5Q3BK		0.610	0.024	25.064	0.000
P5Q3B0		0.553	0.021	25.756	0.000
P5Q3CU		0.637	0.026	24.198	0.000
P5Q3DA		0.699	0.023	29.988	0.000
P5Q3AS		0.540	0.020	26.702	0.000
P5Q3AU		0.540	0.030	17.877	0.000
P5Q3AZ		0.738	0.023	32.313	0.000
P5Q3BB1		0.688	0.023	30.529	0.000
P5Q3BB2		0.559	0.021	26.490	0.000
P5Q3BB5		0.438	0.027	16.419	0.000
P5Q3BB6		0.703	0.018	38.561	0.000
P5Q3BB7		0.648	0.031	21.128	0.000

EXCBCL	BY				
P5Q3X		0.581	0.019	30.278	0.000
P5Q3AA		0.771	0.011	71.829	0.000
P5Q3AL		0.611	0.023	26.995	0.000
P5Q3AP		0.689	0.015	46.555	0.000

P5Q3BI	0.371	0.021	17.767	0.000
P5Q3BZ	0.708	0.029	24.582	0.000
P5Q3CJ	0.709	0.022	31.907	0.000
P5Q3C	0.598	0.016	37.814	0.000
P5Q3O	0.761	0.016	47.899	0.000
P5Q3R	0.599	0.016	37.498	0.000
P5Q3S	0.781	0.014	57.573	0.000
P5Q3T	0.796	0.013	62.505	0.000
P5Q3U	0.751	0.011	68.619	0.000
P5Q3V	0.745	0.013	57.701	0.000
P5Q3AJ	0.743	0.019	39.550	0.000
P5Q3BC	0.802	0.020	40.179	0.000
P5Q3BN	0.685	0.017	40.223	0.000
P5Q3CF	0.708	0.014	50.810	0.000
P5Q3CG	0.689	0.015	46.469	0.000
P5Q3CH	0.611	0.021	29.066	0.000
P5Q3CI	0.558	0.027	20.535	0.000
P5Q3CN	0.653	0.019	34.267	0.000
P5Q3CO	0.768	0.012	63.175	0.000
P5Q3CQ	0.851	0.020	42.753	0.000
P5Q3CW	0.622	0.018	34.013	0.000
SC9 ON				
INCBCL	-0.170	0.035	-4.838	0.000
EXCBCL	-0.107	0.024	-4.476	0.000
EXTERN ON				
SC9	-0.500	0.029	-17.255	0.000
EXCBCL	0.195	0.023	8.473	0.000
INTERNAL ON				
SC9	-5.031	3.690	-1.363	0.173
INCBCL	-0.078	0.170	-0.462	0.644
PAF ON				
SC9	0.747	0.039	18.958	0.000
SC15 ON				
EXTERN	-0.168	0.026	-6.568	0.000
INTERNALIZ	-0.010	0.010	-1.025	0.305
PAF	0.474	0.031	15.486	0.000
INCBCL ON				
DEPCOMP	0.414	0.046	8.993	0.000
THREATCOMP	0.227	0.046	4.914	0.000
EXCBCL ON				
DEPCOMP	0.239	0.041	5.785	0.000
THREATCOMP	0.562	0.042	13.287	0.000

EXTERN	ON				
THREATCOMP		0.258	0.045	5.780	0.000
DEPCOMP		0.011	0.046	0.234	0.815
INTERNAL	ON				
THREATCOMP		0.116	0.229	0.507	0.612
DEPCOMP		0.366	0.332	1.101	0.271
PAF	ON				
THREATCOMP		0.037	0.049	0.763	0.446
DEPCOMP		-0.219	0.050	-4.371	0.000

Thresholds

K6B1A_R\$1	-1.702	0.038	-45.166	0.000
K6B1A_R\$2	-1.162	0.028	-41.544	0.000
K6B1A_R\$3	0.062	0.022	2.835	0.005
K6B1B_R\$1	-1.799	0.040	-44.694	0.000
K6B1B_R\$2	-1.251	0.029	-43.150	0.000
K6B1B_R\$3	-0.163	0.022	-7.474	0.000
K6B1C_R\$1	-1.607	0.035	-45.321	0.000
K6B1C_R\$2	-1.212	0.029	-42.328	0.000
K6B1C_R\$3	-0.188	0.022	-8.622	0.000
K6B1D_R\$1	-1.990	0.047	-42.647	0.000
K6B1D_R\$2	-1.542	0.034	-45.231	0.000
K6B1D_R\$3	-0.538	0.023	-23.532	0.000
K5E1A\$1	-1.309	0.030	-43.174	0.000
K5E1A\$2	-0.905	0.026	-35.484	0.000
K5E1A\$3	-0.634	0.024	-26.888	0.000
K5E1A\$4	-0.227	0.022	-10.255	0.000
K5E1B\$1	-1.132	0.028	-40.778	0.000
K5E1B\$2	-0.730	0.024	-30.343	0.000
K5E1B\$3	-0.431	0.023	-19.112	0.000
K5E1B\$4	0.029	0.022	1.325	0.185
K5E1C\$1	-1.329	0.030	-43.692	0.000
K5E1C\$2	-0.979	0.026	-37.679	0.000
K5E1C\$3	-0.679	0.024	-28.643	0.000
K5E1C\$4	-0.241	0.022	-10.974	0.000
K5E1D\$1	-1.543	0.034	-44.984	0.000
K5E1D\$2	-1.254	0.029	-42.759	0.000
K5E1D\$3	-1.021	0.027	-38.310	0.000
K5E1D\$4	-0.642	0.024	-27.248	0.000
K6D2AG_R\$1	0.140	0.022	6.508	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	30.751	0.000
K6D2AI_R\$3	1.458	0.032	45.481	0.000
K6D2D_R\$1	0.239	0.022	10.978	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	-21.455	0.000
K6D2J_R\$2	0.214	0.022	9.815	0.000
K6D2J_R\$3	1.384	0.031	44.413	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	44.412	0.000
K6D2AK_R\$1	-0.011	0.021	-0.529	0.597
K6D2AK_R\$2	0.520	0.023	23.040	0.000
K6D2AK_R\$3	1.385	0.031	44.750	0.000
K6D2C_R\$1	-0.270	0.022	-12.326	0.000
K6D2C_R\$2	0.208	0.022	9.511	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	44.886	0.000
K6D2X_R\$1	1.015	0.026	38.898	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	-2.276	0.023
K6D2P_R\$3	1.055	0.026	39.860	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	34.501	0.000
K6D61D\$1	0.695	0.024	29.182	0.000
K6D61D\$2	1.582	0.034	45.871	0.000
K6D61D\$3	2.005	0.046	43.351	0.000
K6D61E\$1	1.323	0.030	43.493	0.000
K6D61E\$2	2.124	0.053	40.270	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	39.486	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	42.462	0.000
K6D61L\$3	2.354	0.065	36.138	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	39.626	0.000
K6D2B_R\$1	-2.068	0.050	-41.417	0.000
K6D2B_R\$2	-1.663	0.036	-45.628	0.000
K6D2B_R\$3	-0.675	0.023	-28.877	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	-32.368	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	-12.320	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	-13.857	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	-40.393	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	-37.847	0.000
K6D2AF_R\$2	-1.928	0.044	-43.355	0.000
K6D2AF_R\$3	-0.818	0.024	-33.643	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	-12.182	0.000
P5Q3M\$1	0.977	0.027	36.873	0.000
P5Q3M\$2	2.040	0.049	41.523	0.000
P5Q3AB\$1	0.495	0.023	21.584	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	41.266	0.000
P5Q3AF\$2	2.385	0.064	37.456	0.000
P5Q3AH\$1	1.634	0.037	44.097	0.000
P5Q3AH\$2	2.542	0.078	32.603	0.000
P5Q3AR\$1	1.318	0.031	42.955	0.000
P5Q3AR\$2	2.342	0.064	36.414	0.000
P5Q3AV\$1	1.195	0.029	41.620	0.000
P5Q3AV\$2	2.284	0.061	37.398	0.000
P5Q3AX\$1	1.631	0.038	43.434	0.000
P5Q3AX\$2	2.702	0.092	29.301	0.000
P5Q3BQ\$1	0.279	0.022	12.537	0.000
P5Q3BQ\$2	1.898	0.044	43.582	0.000
P5Q3CK\$1	2.083	0.055	37.992	0.000
P5Q3CK\$2	2.668	0.093	28.782	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	38.360	0.000
P5Q3E\$2	1.993	0.046	43.407	0.000
P5Q3A0\$1	1.033	0.027	38.230	0.000
P5Q3A0\$2	2.146	0.053	40.411	0.000
P5Q3BK\$1	1.234	0.030	41.550	0.000
P5Q3BK\$2	2.416	0.069	34.833	0.000
P5Q3B0\$1	0.894	0.026	34.624	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	36.685	0.000
P5Q3DA\$1	1.371	0.032	42.817	0.000
P5Q3DA\$2	2.555	0.079	32.371	0.000
P5Q3AS\$1	0.771	0.024	31.477	0.000
P5Q3AS\$2	2.447	0.072	33.861	0.000
P5Q3AU\$1	1.441	0.033	43.643	0.000
P5Q3AU\$2	2.371	0.067	35.400	0.000
P5Q3AZ\$1	1.535	0.035	43.368	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	33.829	0.000
P5Q3BB2\$1	0.909	0.026	35.391	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	41.827	0.000
P5Q3BB6\$1	1.163	0.028	40.865	0.000
P5Q3BB6\$2	2.449	0.072	34.082	0.000
P5Q3BB7\$1	1.642	0.038	43.714	0.000
P5Q3BB7\$2	2.527	0.080	31.512	0.000
P5Q3X\$1	0.796	0.025	31.667	0.000
P5Q3X\$2	1.971	0.045	44.095	0.000
P5Q3AA\$1	0.163	0.022	7.294	0.000
P5Q3AA\$2	1.998	0.046	43.355	0.000
P5Q3AL\$1	1.266	0.031	40.877	0.000
P5Q3AL\$2	2.495	0.070	35.551	0.000
P5Q3AP\$1	0.563	0.024	23.588	0.000
P5Q3AP\$2	2.219	0.053	41.750	0.000
P5Q3BI\$1	0.257	0.022	11.608	0.000
P5Q3BI\$2	1.613	0.035	45.589	0.000
P5Q3BZ\$1	1.783	0.043	41.116	0.000
P5Q3BZ\$2	2.480	0.072	34.625	0.000
P5Q3CJ\$1	1.582	0.037	42.357	0.000
P5Q3CJ\$2	2.629	0.083	31.761	0.000
P5Q3C\$1	0.022	0.022	0.983	0.326
P5Q3C\$2	1.356	0.031	43.796	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	11.978	0.000
P5Q3R\$2	1.423	0.032	44.804	0.000
P5Q3S\$1	1.068	0.028	38.243	0.000
P5Q3S\$2	2.021	0.047	42.981	0.000
P5Q3T\$1	1.057	0.028	37.794	0.000
P5Q3T\$2	2.234	0.055	40.507	0.000
P5Q3U\$1	0.084	0.022	3.804	0.000
P5Q3U\$2	1.950	0.044	44.232	0.000
P5Q3V\$1	0.590	0.024	24.747	0.000
P5Q3V\$2	2.065	0.049	42.449	0.000
P5Q3AJ\$1	1.446	0.035	41.865	0.000
P5Q3AJ\$2	2.383	0.065	36.885	0.000
P5Q3BC\$1	1.673	0.040	42.340	0.000
P5Q3BC\$2	2.518	0.074	33.880	0.000
P5Q3BN\$1	0.954	0.027	35.979	0.000
P5Q3BN\$2	2.058	0.048	42.660	0.000
P5Q3CF\$1	0.494	0.023	21.345	0.000
P5Q3CF\$2	1.955	0.044	43.952	0.000
P5Q3CG\$1	0.638	0.024	26.498	0.000
P5Q3CG\$2	2.110	0.049	42.637	0.000
P5Q3CH\$1	1.127	0.028	39.908	0.000
P5Q3CH\$2	2.345	0.065	35.913	0.000

P5Q3CI\$1	1.334	0.031	42.355	0.000
P5Q3CI\$2	2.520	0.074	34.276	0.000
P5Q3CN\$1	0.988	0.027	36.668	0.000
P5Q3CN\$2	2.266	0.057	39.592	0.000
P5Q3C0\$1	0.580	0.024	24.496	0.000
P5Q3C0\$2	1.765	0.039	45.039	0.000
P5Q3CQ\$1	1.754	0.042	42.035	0.000
P5Q3CQ\$2	2.605	0.081	32.088	0.000
P5Q3CW\$1	0.825	0.025	32.486	0.000
P5Q3CW\$2	1.937	0.045	42.774	0.000

Residual Variances

SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
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
SC15 BY				
K6B1A_R	0.655	0.018	36.754	0.000
K6B1B_R	0.773	0.017	45.144	0.000
K6B1C_R	0.766	0.017	46.309	0.000
K6B1D_R	0.632	0.021	29.575	0.000
SC9 BY				
K5E1A	0.208	0.024	8.691	0.000
K5E1B	0.157	0.023	6.776	0.000
K5E1C	0.216	0.024	9.141	0.000
K5E1D	0.223	0.026	8.608	0.000
INTERNAL BY				
K6D2AG_R	0.764	0.011	71.103	0.000
K6D2AI_R	0.574	0.016	35.830	0.000
K6D2D_R	0.643	0.015	43.978	0.000
K6D2J_R	0.582	0.015	39.738	0.000
K6D2T_R	0.679	0.014	48.042	0.000
K6D2AC_R	0.869	0.010	88.994	0.000
K6D2AK_R	0.556	0.016	33.809	0.000
K6D2C_R	0.597	0.015	38.878	0.000

K6D2N_R	0.835	0.009	88.051	0.000
K6D2X_R	0.760	0.016	46.776	0.000
EXTERN BY				
K6D2A_R	0.502	0.017	29.559	0.000
K6D2P_R	0.710	0.013	55.514	0.000
K6D2R_R	0.548	0.016	33.593	0.000
K6D2Z_R	0.581	0.016	36.538	0.000
K6D2AB_R	0.587	0.015	39.707	0.000
K6D2AJ_R	0.745	0.013	59.476	0.000
K6D61C	0.866	0.013	68.017	0.000
K6D61D	0.642	0.016	39.777	0.000
K6D61E	0.640	0.023	28.078	0.000
K6D61K	0.855	0.012	69.284	0.000
K6D61L	0.561	0.022	25.560	0.000
K6D61M	0.470	0.021	22.261	0.000
K6D40_R	0.644	0.027	23.651	0.000
K6D48_R	0.563	0.022	25.339	0.000
K6F63_R	0.597	0.020	29.581	0.000
K6F68_R	0.658	0.041	16.208	0.000
K6F74_R	0.637	0.036	17.860	0.000
PAF BY				
K6D2B_R	0.762	0.014	54.495	0.000
K6D2F_R	0.669	0.014	48.704	0.000
K6D2G_R	0.436	0.024	18.426	0.000
K6D2I_R	0.507	0.017	30.743	0.000
K6D2K_R	0.579	0.015	37.958	0.000
K6D2L_R	0.715	0.020	36.568	0.000
K6D2M_R	0.595	0.015	39.649	0.000
K6D2O_R	0.575	0.015	37.643	0.000
K6D2S_R	0.874	0.010	91.709	0.000
K6D2V_R	0.599	0.016	37.249	0.000
K6D2W_R	0.659	0.014	47.614	0.000
K6D2Y_R	0.648	0.017	38.273	0.000
K6D2AA_R	0.713	0.013	53.613	0.000
K6D2AE_R	0.476	0.016	29.243	0.000
K6D2AF_R	0.617	0.019	32.635	0.000
K6D2AH_R	0.486	0.018	26.571	0.000
INCBCL BY				
P5Q3M	0.530	0.024	22.319	0.000
P5Q3AB	0.464	0.021	22.193	0.000
P5Q3AD	0.621	0.022	28.416	0.000
P5Q3AF	0.690	0.020	34.013	0.000
P5Q3AH	0.784	0.022	35.313	0.000
P5Q3AR	0.609	0.024	25.018	0.000
P5Q3AV	0.733	0.019	38.896	0.000
P5Q3AX	0.784	0.023	33.386	0.000
P5Q3BQ	0.578	0.018	31.860	0.000

P5Q3CK	0.778	0.034	22.737	0.000
P5Q3DB	0.581	0.019	30.072	0.000
P5Q3E	0.443	0.027	16.124	0.000
P5Q3A0	0.596	0.022	26.961	0.000
P5Q3BK	0.626	0.024	25.994	0.000
P5Q3B0	0.569	0.021	26.582	0.000
P5Q3CU	0.653	0.026	25.151	0.000
P5Q3DA	0.713	0.023	31.318	0.000
P5Q3AS	0.556	0.020	27.537	0.000
P5Q3AU	0.556	0.030	18.430	0.000
P5Q3AZ	0.752	0.022	34.121	0.000
P5Q3BB1	0.703	0.022	31.953	0.000
P5Q3BB2	0.575	0.021	27.326	0.000
P5Q3BB5	0.453	0.027	16.802	0.000
P5Q3BB6	0.717	0.018	40.508	0.000
P5Q3BB7	0.663	0.030	22.071	0.000
EXCBCL BY				
P5Q3X	0.606	0.019	31.940	0.000
P5Q3AA	0.791	0.010	77.839	0.000
P5Q3AL	0.636	0.022	28.518	0.000
P5Q3AP	0.713	0.014	50.031	0.000
P5Q3BI	0.393	0.022	18.255	0.000
P5Q3BZ	0.731	0.028	26.510	0.000
P5Q3CJ	0.732	0.021	34.252	0.000
P5Q3C	0.623	0.016	39.876	0.000
P5Q30	0.782	0.015	52.228	0.000
P5Q3R	0.624	0.016	39.657	0.000
P5Q3S	0.801	0.013	62.711	0.000
P5Q3T	0.815	0.012	68.461	0.000
P5Q3U	0.772	0.010	74.586	0.000
P5Q3V	0.767	0.012	62.861	0.000
P5Q3AJ	0.765	0.018	42.850	0.000
P5Q3BC	0.821	0.019	43.989	0.000
P5Q3BN	0.709	0.016	43.006	0.000
P5Q3CF	0.731	0.013	54.572	0.000
P5Q3CG	0.713	0.014	49.659	0.000
P5Q3CH	0.637	0.021	30.812	0.000
P5Q3CI	0.583	0.027	21.548	0.000
P5Q3CN	0.677	0.019	36.526	0.000
P5Q3C0	0.788	0.012	68.490	0.000
P5Q3CQ	0.866	0.018	47.215	0.000
P5Q3CW	0.647	0.018	36.210	0.000
SC9 ON				
INCBCCL	-0.173	0.035	-5.019	0.000
EXCBCL	-0.111	0.024	-4.597	0.000
EXTERN ON				
SC9	-0.435	0.020	-22.258	0.000

EXCBCL	0.177	0.020	8.765	0.000
INTERNAL ON				
SC9	-0.980	0.027	-36.107	0.000
INCBCL	-0.016	0.031	-0.497	0.619
PAF ON				
SC9	0.603	0.020	29.943	0.000
SC15 ON				
EXTERN	-0.161	0.024	-6.698	0.000
INTERNALIZ	-0.043	0.029	-1.480	0.139
PAF	0.487	0.025	19.155	0.000
INCBCL ON				
DEPCOMP	0.213	0.023	9.281	0.000
THREATCOMP	0.118	0.024	4.960	0.000
EXCBCL ON				
DEPCOMP	0.120	0.020	5.844	0.000
THREATCOMP	0.286	0.020	14.121	0.000
EXTERN ON				
THREATCOMP	0.119	0.020	5.819	0.000
DEPCOMP	0.005	0.021	0.234	0.815
INTERNAL ON				
THREATCOMP	0.012	0.022	0.539	0.590
DEPCOMP	0.037	0.021	1.747	0.081
PAF ON				
THREATCOMP	0.016	0.021	0.763	0.445
DEPCOMP	-0.092	0.021	-4.388	0.000
Thresholds				
K6B1A_R\$1	-1.698	0.038	-45.159	0.000
K6B1A_R\$2	-1.159	0.028	-41.549	0.000
K6B1A_R\$3	0.061	0.022	2.835	0.005
K6B1B_R\$1	-1.795	0.040	-44.660	0.000
K6B1B_R\$2	-1.248	0.029	-43.154	0.000
K6B1B_R\$3	-0.162	0.022	-7.475	0.000
K6B1C_R\$1	-1.602	0.035	-45.340	0.000
K6B1C_R\$2	-1.208	0.029	-42.335	0.000
K6B1C_R\$3	-0.188	0.022	-8.624	0.000
K6B1D_R\$1	-1.986	0.047	-42.596	0.000
K6B1D_R\$2	-1.540	0.034	-45.197	0.000
K6B1D_R\$3	-0.537	0.023	-23.537	0.000
K5E1A\$1	-1.309	0.030	-43.169	0.000
K5E1A\$2	-0.905	0.026	-35.481	0.000
K5E1A\$3	-0.634	0.024	-26.887	0.000

K5E1A\$4	-0.226	0.022	-10.256	0.000
K5E1B\$1	-1.132	0.028	-40.776	0.000
K5E1B\$2	-0.730	0.024	-30.342	0.000
K5E1B\$3	-0.431	0.023	-19.112	0.000
K5E1B\$4	0.029	0.022	1.325	0.185
K5E1C\$1	-1.328	0.030	-43.688	0.000
K5E1C\$2	-0.979	0.026	-37.676	0.000
K5E1C\$3	-0.679	0.024	-28.641	0.000
K5E1C\$4	-0.241	0.022	-10.974	0.000
K5E1D\$1	-1.543	0.034	-44.979	0.000
K5E1D\$2	-1.254	0.029	-42.755	0.000
K5E1D\$3	-1.021	0.027	-38.306	0.000
K5E1D\$4	-0.642	0.024	-27.247	0.000
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	1.639	0.036	45.448	0.000
K6D2AI_R\$1	0.189	0.022	8.776	0.000
K6D2AI_R\$2	0.726	0.024	30.767	0.000
K6D2AI_R\$3	1.454	0.032	45.420	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	45.376	0.000
K6D2J_R\$1	-0.483	0.023	-21.438	0.000
K6D2J_R\$2	0.214	0.022	9.819	0.000
K6D2J_R\$3	1.380	0.031	44.397	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	45.542	0.000
K6D2AC_R\$1	0.500	0.022	22.325	0.000
K6D2AC_R\$2	0.934	0.025	37.160	0.000
K6D2AC_R\$3	1.783	0.040	44.532	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	44.707	0.000
K6D2C_R\$1	-0.269	0.022	-12.318	0.000
K6D2C_R\$2	0.207	0.022	9.514	0.000
K6D2C_R\$3	1.206	0.028	42.545	0.000
K6D2N_R\$1	0.218	0.022	10.125	0.000
K6D2N_R\$2	0.790	0.024	32.911	0.000
K6D2N_R\$3	1.732	0.039	44.946	0.000
K6D2X_R\$1	1.011	0.026	39.022	0.000
K6D2X_R\$2	1.419	0.032	44.949	0.000
K6D2X_R\$3	2.142	0.054	39.815	0.000
K6D2A_R\$1	-0.923	0.025	-36.794	0.000
K6D2A_R\$2	-0.341	0.022	-15.637	0.000
K6D2A_R\$3	0.923	0.025	36.756	0.000
K6D2P_R\$1	-0.640	0.023	-27.901	0.000
K6D2P_R\$2	-0.049	0.021	-2.275	0.023
K6D2P_R\$3	1.042	0.026	39.750	0.000
K6D2R_R\$1	-0.923	0.025	-36.841	0.000

K6D2R_R\$2	-0.204	0.022	-9.473	0.000
K6D2R_R\$3	1.063	0.027	39.990	0.000
K6D2Z_R\$1	-0.867	0.025	-35.236	0.000
K6D2Z_R\$2	-0.256	0.022	-11.802	0.000
K6D2Z_R\$3	1.013	0.026	39.173	0.000
K6D2AB_R\$1	-0.807	0.024	-33.494	0.000
K6D2AB_R\$2	-0.173	0.021	-8.040	0.000
K6D2AB_R\$3	0.841	0.024	34.419	0.000
K6D2AJ_R\$1	-0.229	0.021	-10.668	0.000
K6D2AJ_R\$2	0.278	0.022	12.837	0.000
K6D2AJ_R\$3	1.166	0.028	42.205	0.000
K6D61C\$1	1.399	0.032	44.338	0.000
K6D61C\$2	2.160	0.055	39.538	0.000
K6D61C\$3	2.459	0.072	34.208	0.000
K6D61D\$1	0.688	0.024	29.212	0.000
K6D61D\$2	1.567	0.034	45.802	0.000
K6D61D\$3	1.985	0.046	43.176	0.000
K6D61E\$1	1.310	0.030	43.422	0.000
K6D61E\$2	2.103	0.052	40.137	0.000
K6D61E\$3	2.469	0.074	33.181	0.000
K6D61K\$1	1.342	0.031	43.989	0.000
K6D61K\$2	2.141	0.054	39.307	0.000
K6D61K\$3	2.391	0.069	34.726	0.000
K6D61L\$1	1.167	0.028	41.541	0.000
K6D61L\$2	1.999	0.047	42.259	0.000
K6D61L\$3	2.336	0.065	36.023	0.000
K6D61M\$1	0.623	0.023	27.012	0.000
K6D61M\$2	1.513	0.033	45.490	0.000
K6D61M\$3	1.889	0.043	43.816	0.000
K6D40_R\$1	1.607	0.036	44.735	0.000
K6D48_R\$1	0.957	0.025	37.627	0.000
K6F63_R\$1	0.794	0.024	32.744	0.000
K6F68_R\$1	2.170	0.057	38.321	0.000
K6F74_R\$1	2.078	0.053	39.325	0.000
K6D2B_R\$1	-2.058	0.050	-41.283	0.000
K6D2B_R\$2	-1.654	0.036	-45.535	0.000
K6D2B_R\$3	-0.672	0.023	-28.893	0.000
K6D2F_R\$1	-1.878	0.043	-43.804	0.000
K6D2F_R\$2	-1.392	0.031	-44.871	0.000
K6D2F_R\$3	-0.143	0.021	-6.682	0.000
K6D2G_R\$1	-2.190	0.055	-39.664	0.000
K6D2G_R\$2	-1.935	0.044	-43.617	0.000
K6D2G_R\$3	-0.930	0.025	-36.773	0.000
K6D2I_R\$1	-1.904	0.044	-43.461	0.000
K6D2I_R\$2	-1.230	0.029	-43.035	0.000
K6D2I_R\$3	0.133	0.021	6.180	0.000
K6D2K_R\$1	-2.034	0.049	-41.776	0.000
K6D2K_R\$2	-1.350	0.030	-44.515	0.000
K6D2K_R\$3	0.045	0.021	2.079	0.038
K6D2L_R\$1	-2.525	0.078	-32.231	0.000

K6D2L_R\$2	-2.157	0.054	-39.885	0.000
K6D2L_R\$3	-1.222	0.029	-42.841	0.000
K6D2M_R\$1	-2.264	0.061	-37.350	0.000
K6D2M_R\$2	-1.588	0.035	-45.471	0.000
K6D2M_R\$3	-0.003	0.021	-0.122	0.903
K6D2O_R\$1	-1.500	0.033	-45.396	0.000
K6D2O_R\$2	-1.184	0.028	-42.588	0.000
K6D2O_R\$3	-0.268	0.022	-12.323	0.000
K6D2S_R\$1	-2.167	0.056	-38.981	0.000
K6D2S_R\$2	-1.613	0.035	-45.599	0.000
K6D2S_R\$3	-0.408	0.022	-18.524	0.000
K6D2V_R\$1	-2.373	0.067	-35.376	0.000
K6D2V_R\$2	-1.887	0.043	-43.819	0.000
K6D2V_R\$3	-0.302	0.022	-13.857	0.000
K6D2W_R\$1	-2.124	0.053	-40.035	0.000
K6D2W_R\$2	-1.436	0.032	-45.278	0.000
K6D2W_R\$3	-0.173	0.021	-8.059	0.000
K6D2Y_R\$1	-2.136	0.053	-40.344	0.000
K6D2Y_R\$2	-1.652	0.036	-45.516	0.000
K6D2Y_R\$3	-0.676	0.023	-28.947	0.000
K6D2AA_R\$1	-2.169	0.055	-39.734	0.000
K6D2AA_R\$2	-1.638	0.036	-45.851	0.000
K6D2AA_R\$3	-0.430	0.022	-19.416	0.000
K6D2AE_R\$1	-1.872	0.043	-43.819	0.000
K6D2AE_R\$2	-1.164	0.028	-42.054	0.000
K6D2AE_R\$3	0.308	0.022	14.138	0.000
K6D2AF_R\$1	-2.254	0.060	-37.762	0.000
K6D2AF_R\$2	-1.921	0.044	-43.281	0.000
K6D2AF_R\$3	-0.815	0.024	-33.671	0.000
K6D2AH_R\$1	-1.872	0.043	-43.444	0.000
K6D2AH_R\$2	-1.480	0.033	-45.021	0.000
K6D2AH_R\$3	-0.266	0.022	-12.185	0.000
P5Q3M\$1	0.966	0.026	36.947	0.000
P5Q3M\$2	2.016	0.049	41.479	0.000
P5Q3AB\$1	0.491	0.023	21.598	0.000
P5Q3AB\$2	1.902	0.044	42.957	0.000
P5Q3AD\$1	1.075	0.027	39.536	0.000
P5Q3AD\$2	2.147	0.054	39.755	0.000
P5Q3AF\$1	1.215	0.029	41.396	0.000
P5Q3AF\$2	2.339	0.062	37.586	0.000
P5Q3AH\$1	1.593	0.036	44.220	0.000
P5Q3AH\$2	2.478	0.076	32.721	0.000
P5Q3AR\$1	1.298	0.030	42.945	0.000
P5Q3AR\$2	2.307	0.063	36.414	0.000
P5Q3AV\$1	1.169	0.028	41.634	0.000
P5Q3AV\$2	2.234	0.060	37.374	0.000
P5Q3AX\$1	1.591	0.036	43.651	0.000
P5Q3AX\$2	2.635	0.089	29.565	0.000
P5Q3BQ\$1	0.275	0.022	12.550	0.000
P5Q3BQ\$2	1.873	0.043	43.431	0.000

P5Q3CK\$1	2.032	0.053	38.000	0.000
P5Q3CK\$2	2.602	0.091	28.617	0.000
P5Q3DB\$1	0.458	0.023	20.339	0.000
P5Q3DB\$2	1.845	0.043	42.882	0.000
P5Q3E\$1	1.051	0.027	38.359	0.000
P5Q3E\$2	1.977	0.046	43.171	0.000
P5Q3A0\$1	1.018	0.027	38.291	0.000
P5Q3A0\$2	2.115	0.052	40.311	0.000
P5Q3BK\$1	1.215	0.029	41.517	0.000
P5Q3BK\$2	2.378	0.069	34.647	0.000
P5Q3B0\$1	0.883	0.025	34.632	0.000
P5Q3B0\$2	2.221	0.055	40.084	0.000
P5Q3CU\$1	1.389	0.032	43.426	0.000
P5Q3CU\$2	2.294	0.063	36.541	0.000
P5Q3DA\$1	1.343	0.031	42.872	0.000
P5Q3DA\$2	2.502	0.077	32.422	0.000
P5Q3AS\$1	0.761	0.024	31.512	0.000
P5Q3AS\$2	2.416	0.071	33.865	0.000
P5Q3AU\$1	1.423	0.033	43.598	0.000
P5Q3AU\$2	2.342	0.066	35.412	0.000
P5Q3AZ\$1	1.500	0.034	43.472	0.000
P5Q3AZ\$2	2.393	0.067	35.491	0.000
P5Q3BB1\$1	1.314	0.030	43.315	0.000
P5Q3BB1\$2	2.368	0.070	33.603	0.000
P5Q3BB2\$1	0.897	0.025	35.359	0.000
P5Q3BB2\$2	2.157	0.056	38.678	0.000
P5Q3BB5\$1	1.097	0.028	39.775	0.000
P5Q3BB5\$2	1.987	0.048	41.591	0.000
P5Q3BB6\$1	1.139	0.028	40.841	0.000
P5Q3BB6\$2	2.398	0.071	33.914	0.000
P5Q3BB7\$1	1.612	0.037	43.608	0.000
P5Q3BB7\$2	2.482	0.079	31.482	0.000
P5Q3X\$1	0.777	0.025	31.671	0.000
P5Q3X\$2	1.925	0.044	43.546	0.000
P5Q3AA\$1	0.156	0.021	7.303	0.000
P5Q3AA\$2	1.919	0.044	43.175	0.000
P5Q3AL\$1	1.233	0.030	40.820	0.000
P5Q3AL\$2	2.431	0.069	35.157	0.000
P5Q3AP\$1	0.544	0.023	23.656	0.000
P5Q3AP\$2	2.147	0.052	41.506	0.000
P5Q3BI\$1	0.255	0.022	11.610	0.000
P5Q3BI\$2	1.598	0.035	45.265	0.000
P5Q3BZ\$1	1.723	0.042	40.961	0.000
P5Q3BZ\$2	2.396	0.071	33.970	0.000
P5Q3CJ\$1	1.528	0.036	42.186	0.000
P5Q3CJ\$2	2.540	0.081	31.502	0.000
P5Q3C\$1	0.021	0.022	0.983	0.326
P5Q3C\$2	1.323	0.031	43.365	0.000
P5Q30\$1	1.108	0.028	39.983	0.000
P5Q30\$2	2.114	0.054	39.407	0.000

P5Q3R\$1	0.260	0.022	11.996	0.000
P5Q3R\$2	1.388	0.031	44.432	0.000
P5Q3S\$1	1.025	0.027	38.410	0.000
P5Q3S\$2	1.939	0.046	42.503	0.000
P5Q3T\$1	1.012	0.026	38.215	0.000
P5Q3T\$2	2.140	0.053	40.175	0.000
P5Q3U\$1	0.081	0.021	3.808	0.000
P5Q3U\$2	1.876	0.043	44.035	0.000
P5Q3V\$1	0.568	0.023	24.831	0.000
P5Q3V\$2	1.988	0.047	42.055	0.000
P5Q3AJ\$1	1.392	0.033	42.008	0.000
P5Q3AJ\$2	2.295	0.063	36.305	0.000
P5Q3BC\$1	1.601	0.038	42.486	0.000
P5Q3BC\$2	2.410	0.072	33.383	0.000
P5Q3BN\$1	0.923	0.026	36.154	0.000
P5Q3BN\$2	1.992	0.047	42.234	0.000
P5Q3CF\$1	0.478	0.022	21.432	0.000
P5Q3CF\$2	1.889	0.043	43.580	0.000
P5Q3CG\$1	0.617	0.023	26.536	0.000
P5Q3CG\$2	2.043	0.048	42.183	0.000
P5Q3CH\$1	1.098	0.028	39.770	0.000
P5Q3CH\$2	2.285	0.064	35.599	0.000
P5Q3CI\$1	1.305	0.031	42.110	0.000
P5Q3CI\$2	2.466	0.073	33.876	0.000
P5Q3CN\$1	0.959	0.026	36.719	0.000
P5Q3CN\$2	2.200	0.056	39.105	0.000
P5Q3C0\$1	0.557	0.023	24.624	0.000
P5Q3C0\$2	1.696	0.038	44.815	0.000
P5Q3CQ\$1	1.670	0.040	42.247	0.000
P5Q3CQ\$2	2.481	0.078	31.638	0.000
P5Q3CW\$1	0.803	0.025	32.546	0.000
P5Q3CW\$2	1.886	0.044	42.461	0.000

Residual Variances

SC15	0.658	0.020	32.989	0.000
SC9	0.954	0.016	58.425	0.000
INTERNALIZ	0.036	0.051	0.708	0.479
EXTERN	0.722	0.019	38.277	0.000
PAF	0.622	0.024	25.899	0.000
INCBCL	0.920	0.011	81.513	0.000
EXCBCL	0.875	0.013	69.596	0.000

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.655	0.018	36.754	0.000

K6B1B_R	0.773	0.017	45.144	0.000
K6B1C_R	0.766	0.017	46.309	0.000
K6B1D_R	0.632	0.021	29.575	0.000
SC9 BY				
K5E1A	0.208	0.024	8.691	0.000
K5E1B	0.157	0.023	6.776	0.000
K5E1C	0.216	0.024	9.141	0.000
K5E1D	0.223	0.026	8.608	0.000
INTERNAL BY				
K6D2AG_R	0.764	0.011	71.103	0.000
K6D2AI_R	0.574	0.016	35.830	0.000
K6D2D_R	0.643	0.015	43.978	0.000
K6D2J_R	0.582	0.015	39.738	0.000
K6D2T_R	0.679	0.014	48.042	0.000
K6D2AC_R	0.869	0.010	88.994	0.000
K6D2AK_R	0.556	0.016	33.809	0.000
K6D2C_R	0.597	0.015	38.878	0.000
K6D2N_R	0.835	0.009	88.051	0.000
K6D2X_R	0.760	0.016	46.776	0.000
EXTERN BY				
K6D2A_R	0.502	0.017	29.559	0.000
K6D2P_R	0.710	0.013	55.514	0.000
K6D2R_R	0.548	0.016	33.593	0.000
K6D2Z_R	0.581	0.016	36.538	0.000
K6D2AB_R	0.587	0.015	39.707	0.000
K6D2AJ_R	0.745	0.013	59.476	0.000
K6D61C	0.866	0.013	68.017	0.000
K6D61D	0.642	0.016	39.777	0.000
K6D61E	0.640	0.023	28.078	0.000
K6D61K	0.855	0.012	69.284	0.000
K6D61L	0.561	0.022	25.560	0.000
K6D61M	0.470	0.021	22.261	0.000
K6D40_R	0.644	0.027	23.651	0.000
K6D48_R	0.563	0.022	25.339	0.000
K6F63_R	0.597	0.020	29.581	0.000
K6F68_R	0.658	0.041	16.208	0.000
K6F74_R	0.637	0.036	17.860	0.000
PAF BY				
K6D2B_R	0.762	0.014	54.495	0.000
K6D2F_R	0.669	0.014	48.704	0.000
K6D2G_R	0.436	0.024	18.426	0.000
K6D2I_R	0.507	0.017	30.743	0.000
K6D2K_R	0.579	0.015	37.958	0.000
K6D2L_R	0.715	0.020	36.568	0.000
K6D2M_R	0.595	0.015	39.649	0.000
K6D2O_R	0.575	0.015	37.643	0.000

K6D2S_R	0.874	0.010	91.709	0.000
K6D2V_R	0.599	0.016	37.249	0.000
K6D2W_R	0.659	0.014	47.614	0.000
K6D2Y_R	0.648	0.017	38.273	0.000
K6D2AA_R	0.713	0.013	53.613	0.000
K6D2AE_R	0.476	0.016	29.243	0.000
K6D2AF_R	0.617	0.019	32.635	0.000
K6D2AH_R	0.486	0.018	26.571	0.000

INCBCL BY

P5Q3M	0.530	0.024	22.319	0.000
P5Q3AB	0.464	0.021	22.193	0.000
P5Q3AD	0.621	0.022	28.416	0.000
P5Q3AF	0.690	0.020	34.013	0.000
P5Q3AH	0.784	0.022	35.313	0.000
P5Q3AR	0.609	0.024	25.018	0.000
P5Q3AV	0.733	0.019	38.896	0.000
P5Q3AX	0.784	0.023	33.386	0.000
P5Q3BQ	0.578	0.018	31.860	0.000
P5Q3CK	0.778	0.034	22.737	0.000
P5Q3DB	0.581	0.019	30.072	0.000
P5Q3E	0.443	0.027	16.124	0.000
P5Q3AO	0.596	0.022	26.961	0.000
P5Q3BK	0.626	0.024	25.994	0.000
P5Q3BO	0.569	0.021	26.582	0.000
P5Q3CU	0.653	0.026	25.151	0.000
P5Q3DA	0.713	0.023	31.318	0.000
P5Q3AS	0.556	0.020	27.537	0.000
P5Q3AU	0.556	0.030	18.430	0.000
P5Q3AZ	0.752	0.022	34.121	0.000
P5Q3BB1	0.703	0.022	31.953	0.000
P5Q3BB2	0.575	0.021	27.326	0.000
P5Q3BB5	0.453	0.027	16.802	0.000
P5Q3BB6	0.717	0.018	40.508	0.000
P5Q3BB7	0.663	0.030	22.071	0.000

EXCBCL BY

P5Q3X	0.606	0.019	31.940	0.000
P5Q3AA	0.791	0.010	77.839	0.000
P5Q3AL	0.636	0.022	28.518	0.000
P5Q3AP	0.713	0.014	50.031	0.000
P5Q3BI	0.393	0.022	18.255	0.000
P5Q3BZ	0.731	0.028	26.510	0.000
P5Q3CJ	0.732	0.021	34.252	0.000
P5Q3C	0.623	0.016	39.876	0.000
P5Q3O	0.782	0.015	52.228	0.000
P5Q3R	0.624	0.016	39.657	0.000
P5Q3S	0.801	0.013	62.711	0.000
P5Q3T	0.815	0.012	68.461	0.000
P5Q3U	0.772	0.010	74.586	0.000

P5Q3V	0.767	0.012	62.861	0.000
P5Q3AJ	0.765	0.018	42.850	0.000
P5Q3BC	0.821	0.019	43.989	0.000
P5Q3BN	0.709	0.016	43.006	0.000
P5Q3CF	0.731	0.013	54.572	0.000
P5Q3CG	0.713	0.014	49.659	0.000
P5Q3CH	0.637	0.021	30.812	0.000
P5Q3CI	0.583	0.027	21.548	0.000
P5Q3CN	0.677	0.019	36.526	0.000
P5Q3C0	0.788	0.012	68.490	0.000
P5Q3CQ	0.866	0.018	47.215	0.000
P5Q3CW	0.647	0.018	36.210	0.000
SC9 ON				
INCBCL	-0.173	0.035	-5.019	0.000
EXCBCL	-0.111	0.024	-4.597	0.000
EXTERN ON				
SC9	-0.435	0.020	-22.258	0.000
EXCBCL	0.177	0.020	8.765	0.000
INTERNAL ON				
SC9	-0.980	0.027	-36.107	0.000
INCBCL	-0.016	0.031	-0.497	0.619
PAF ON				
SC9	0.603	0.020	29.943	0.000
SC15 ON				
EXTERN	-0.161	0.024	-6.698	0.000
INTERNALIZ	-0.043	0.029	-1.480	0.139
PAF	0.487	0.025	19.155	0.000
INCBCL ON				
DEPCOMP	0.397	0.043	9.328	0.000
THREATCOMP	0.217	0.044	4.968	0.000
EXCBCL ON				
DEPCOMP	0.223	0.038	5.855	0.000
THREATCOMP	0.526	0.037	14.270	0.000
EXTERN ON				
THREATCOMP	0.220	0.038	5.831	0.000
DEPCOMP	0.009	0.039	0.234	0.815
INTERNAL ON				
THREATCOMP	0.022	0.041	0.539	0.590
DEPCOMP	0.070	0.040	1.747	0.081
PAF ON				

THREATCOMP	0.029	0.039	0.763	0.445
DEPCOMP	-0.172	0.039	-4.394	0.000

Thresholds

K6B1A_R\$1	-1.698	0.038	-45.159	0.000
K6B1A_R\$2	-1.159	0.028	-41.549	0.000
K6B1A_R\$3	0.061	0.022	2.835	0.005
K6B1B_R\$1	-1.795	0.040	-44.660	0.000
K6B1B_R\$2	-1.248	0.029	-43.154	0.000
K6B1B_R\$3	-0.162	0.022	-7.475	0.000
K6B1C_R\$1	-1.602	0.035	-45.340	0.000
K6B1C_R\$2	-1.208	0.029	-42.335	0.000
K6B1C_R\$3	-0.188	0.022	-8.624	0.000
K6B1D_R\$1	-1.986	0.047	-42.596	0.000
K6B1D_R\$2	-1.540	0.034	-45.197	0.000
K6B1D_R\$3	-0.537	0.023	-23.537	0.000
K5E1A\$1	-1.309	0.030	-43.169	0.000
K5E1A\$2	-0.905	0.026	-35.481	0.000
K5E1A\$3	-0.634	0.024	-26.887	0.000
K5E1A\$4	-0.226	0.022	-10.256	0.000
K5E1B\$1	-1.132	0.028	-40.776	0.000
K5E1B\$2	-0.730	0.024	-30.342	0.000
K5E1B\$3	-0.431	0.023	-19.112	0.000
K5E1B\$4	0.029	0.022	1.325	0.185
K5E1C\$1	-1.328	0.030	-43.688	0.000
K5E1C\$2	-0.979	0.026	-37.676	0.000
K5E1C\$3	-0.679	0.024	-28.641	0.000
K5E1C\$4	-0.241	0.022	-10.974	0.000
K5E1D\$1	-1.543	0.034	-44.979	0.000
K5E1D\$2	-1.254	0.029	-42.755	0.000
K5E1D\$3	-1.021	0.027	-38.306	0.000
K5E1D\$4	-0.642	0.024	-27.247	0.000
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	1.639	0.036	45.448	0.000
K6D2AI_R\$1	0.189	0.022	8.776	0.000
K6D2AI_R\$2	0.726	0.024	30.767	0.000
K6D2AI_R\$3	1.454	0.032	45.420	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	45.376	0.000
K6D2J_R\$1	-0.483	0.023	-21.438	0.000
K6D2J_R\$2	0.214	0.022	9.819	0.000
K6D2J_R\$3	1.380	0.031	44.397	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	45.542	0.000
K6D2AC_R\$1	0.500	0.022	22.325	0.000
K6D2AC_R\$2	0.934	0.025	37.160	0.000
K6D2AC_R\$3	1.783	0.040	44.532	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	44.707	0.000
K6D2C_R\$1	-0.269	0.022	-12.318	0.000
K6D2C_R\$2	0.207	0.022	9.514	0.000
K6D2C_R\$3	1.206	0.028	42.545	0.000
K6D2N_R\$1	0.218	0.022	10.125	0.000
K6D2N_R\$2	0.790	0.024	32.911	0.000
K6D2N_R\$3	1.732	0.039	44.946	0.000
K6D2X_R\$1	1.011	0.026	39.022	0.000
K6D2X_R\$2	1.419	0.032	44.949	0.000
K6D2X_R\$3	2.142	0.054	39.815	0.000
K6D2A_R\$1	-0.923	0.025	-36.794	0.000
K6D2A_R\$2	-0.341	0.022	-15.637	0.000
K6D2A_R\$3	0.923	0.025	36.756	0.000
K6D2P_R\$1	-0.640	0.023	-27.901	0.000
K6D2P_R\$2	-0.049	0.021	-2.275	0.023
K6D2P_R\$3	1.042	0.026	39.750	0.000
K6D2R_R\$1	-0.923	0.025	-36.841	0.000
K6D2R_R\$2	-0.204	0.022	-9.473	0.000
K6D2R_R\$3	1.063	0.027	39.990	0.000
K6D2Z_R\$1	-0.867	0.025	-35.236	0.000
K6D2Z_R\$2	-0.256	0.022	-11.802	0.000
K6D2Z_R\$3	1.013	0.026	39.173	0.000
K6D2AB_R\$1	-0.807	0.024	-33.494	0.000
K6D2AB_R\$2	-0.173	0.021	-8.040	0.000
K6D2AB_R\$3	0.841	0.024	34.419	0.000
K6D2AJ_R\$1	-0.229	0.021	-10.668	0.000
K6D2AJ_R\$2	0.278	0.022	12.837	0.000
K6D2AJ_R\$3	1.166	0.028	42.205	0.000
K6D61C\$1	1.399	0.032	44.338	0.000
K6D61C\$2	2.160	0.055	39.538	0.000
K6D61C\$3	2.459	0.072	34.208	0.000
K6D61D\$1	0.688	0.024	29.212	0.000
K6D61D\$2	1.567	0.034	45.802	0.000
K6D61D\$3	1.985	0.046	43.176	0.000
K6D61E\$1	1.310	0.030	43.422	0.000
K6D61E\$2	2.103	0.052	40.137	0.000
K6D61E\$3	2.469	0.074	33.181	0.000
K6D61K\$1	1.342	0.031	43.989	0.000
K6D61K\$2	2.141	0.054	39.307	0.000
K6D61K\$3	2.391	0.069	34.726	0.000
K6D61L\$1	1.167	0.028	41.541	0.000
K6D61L\$2	1.999	0.047	42.259	0.000
K6D61L\$3	2.336	0.065	36.023	0.000
K6D61M\$1	0.623	0.023	27.012	0.000
K6D61M\$2	1.513	0.033	45.490	0.000
K6D61M\$3	1.889	0.043	43.816	0.000
K6D40_R\$1	1.607	0.036	44.735	0.000
K6D48_R\$1	0.957	0.025	37.627	0.000

K6F63_R\$1	0.794	0.024	32.744	0.000
K6F68_R\$1	2.170	0.057	38.321	0.000
K6F74_R\$1	2.078	0.053	39.325	0.000
K6D2B_R\$1	-2.058	0.050	-41.283	0.000
K6D2B_R\$2	-1.654	0.036	-45.535	0.000
K6D2B_R\$3	-0.672	0.023	-28.893	0.000
K6D2F_R\$1	-1.878	0.043	-43.804	0.000
K6D2F_R\$2	-1.392	0.031	-44.871	0.000
K6D2F_R\$3	-0.143	0.021	-6.682	0.000
K6D2G_R\$1	-2.190	0.055	-39.664	0.000
K6D2G_R\$2	-1.935	0.044	-43.617	0.000
K6D2G_R\$3	-0.930	0.025	-36.773	0.000
K6D2I_R\$1	-1.904	0.044	-43.461	0.000
K6D2I_R\$2	-1.230	0.029	-43.035	0.000
K6D2I_R\$3	0.133	0.021	6.180	0.000
K6D2K_R\$1	-2.034	0.049	-41.776	0.000
K6D2K_R\$2	-1.350	0.030	-44.515	0.000
K6D2K_R\$3	0.045	0.021	2.079	0.038
K6D2L_R\$1	-2.525	0.078	-32.231	0.000
K6D2L_R\$2	-2.157	0.054	-39.885	0.000
K6D2L_R\$3	-1.222	0.029	-42.841	0.000
K6D2M_R\$1	-2.264	0.061	-37.350	0.000
K6D2M_R\$2	-1.588	0.035	-45.471	0.000
K6D2M_R\$3	-0.003	0.021	-0.122	0.903
K6D2O_R\$1	-1.500	0.033	-45.396	0.000
K6D2O_R\$2	-1.184	0.028	-42.588	0.000
K6D2O_R\$3	-0.268	0.022	-12.323	0.000
K6D2S_R\$1	-2.167	0.056	-38.981	0.000
K6D2S_R\$2	-1.613	0.035	-45.599	0.000
K6D2S_R\$3	-0.408	0.022	-18.524	0.000
K6D2V_R\$1	-2.373	0.067	-35.376	0.000
K6D2V_R\$2	-1.887	0.043	-43.819	0.000
K6D2V_R\$3	-0.302	0.022	-13.857	0.000
K6D2W_R\$1	-2.124	0.053	-40.035	0.000
K6D2W_R\$2	-1.436	0.032	-45.278	0.000
K6D2W_R\$3	-0.173	0.021	-8.059	0.000
K6D2Y_R\$1	-2.136	0.053	-40.344	0.000
K6D2Y_R\$2	-1.652	0.036	-45.516	0.000
K6D2Y_R\$3	-0.676	0.023	-28.947	0.000
K6D2AA_R\$1	-2.169	0.055	-39.734	0.000
K6D2AA_R\$2	-1.638	0.036	-45.851	0.000
K6D2AA_R\$3	-0.430	0.022	-19.416	0.000
K6D2AE_R\$1	-1.872	0.043	-43.819	0.000
K6D2AE_R\$2	-1.164	0.028	-42.054	0.000
K6D2AE_R\$3	0.308	0.022	14.138	0.000
K6D2AF_R\$1	-2.254	0.060	-37.762	0.000
K6D2AF_R\$2	-1.921	0.044	-43.281	0.000
K6D2AF_R\$3	-0.815	0.024	-33.671	0.000
K6D2AH_R\$1	-1.872	0.043	-43.444	0.000
K6D2AH_R\$2	-1.480	0.033	-45.021	0.000

K6D2AH_R\$3	-0.266	0.022	-12.185	0.000
P5Q3M\$1	0.966	0.026	36.947	0.000
P5Q3M\$2	2.016	0.049	41.479	0.000
P5Q3AB\$1	0.491	0.023	21.598	0.000
P5Q3AB\$2	1.902	0.044	42.957	0.000
P5Q3AD\$1	1.075	0.027	39.536	0.000
P5Q3AD\$2	2.147	0.054	39.755	0.000
P5Q3AF\$1	1.215	0.029	41.396	0.000
P5Q3AF\$2	2.339	0.062	37.586	0.000
P5Q3AH\$1	1.593	0.036	44.220	0.000
P5Q3AH\$2	2.478	0.076	32.721	0.000
P5Q3AR\$1	1.298	0.030	42.945	0.000
P5Q3AR\$2	2.307	0.063	36.414	0.000
P5Q3AV\$1	1.169	0.028	41.634	0.000
P5Q3AV\$2	2.234	0.060	37.374	0.000
P5Q3AX\$1	1.591	0.036	43.651	0.000
P5Q3AX\$2	2.635	0.089	29.565	0.000
P5Q3BQ\$1	0.275	0.022	12.550	0.000
P5Q3BQ\$2	1.873	0.043	43.431	0.000
P5Q3CK\$1	2.032	0.053	38.000	0.000
P5Q3CK\$2	2.602	0.091	28.617	0.000
P5Q3DB\$1	0.458	0.023	20.339	0.000
P5Q3DB\$2	1.845	0.043	42.882	0.000
P5Q3E\$1	1.051	0.027	38.359	0.000
P5Q3E\$2	1.977	0.046	43.171	0.000
P5Q3A0\$1	1.018	0.027	38.291	0.000
P5Q3A0\$2	2.115	0.052	40.311	0.000
P5Q3BK\$1	1.215	0.029	41.517	0.000
P5Q3BK\$2	2.378	0.069	34.647	0.000
P5Q3B0\$1	0.883	0.025	34.632	0.000
P5Q3B0\$2	2.221	0.055	40.084	0.000
P5Q3CU\$1	1.389	0.032	43.426	0.000
P5Q3CU\$2	2.294	0.063	36.541	0.000
P5Q3DA\$1	1.343	0.031	42.872	0.000
P5Q3DA\$2	2.502	0.077	32.422	0.000
P5Q3AS\$1	0.761	0.024	31.512	0.000
P5Q3AS\$2	2.416	0.071	33.865	0.000
P5Q3AU\$1	1.423	0.033	43.598	0.000
P5Q3AU\$2	2.342	0.066	35.412	0.000
P5Q3AZ\$1	1.500	0.034	43.472	0.000
P5Q3AZ\$2	2.393	0.067	35.491	0.000
P5Q3BB1\$1	1.314	0.030	43.315	0.000
P5Q3BB1\$2	2.368	0.070	33.603	0.000
P5Q3BB2\$1	0.897	0.025	35.359	0.000
P5Q3BB2\$2	2.157	0.056	38.678	0.000
P5Q3BB5\$1	1.097	0.028	39.775	0.000
P5Q3BB5\$2	1.987	0.048	41.591	0.000
P5Q3BB6\$1	1.139	0.028	40.841	0.000
P5Q3BB6\$2	2.398	0.071	33.914	0.000
P5Q3BB7\$1	1.612	0.037	43.608	0.000

P5Q3BB7\$2	2.482	0.079	31.482	0.000
P5Q3X\$1	0.777	0.025	31.671	0.000
P5Q3X\$2	1.925	0.044	43.546	0.000
P5Q3AA\$1	0.156	0.021	7.303	0.000
P5Q3AA\$2	1.919	0.044	43.175	0.000
P5Q3AL\$1	1.233	0.030	40.820	0.000
P5Q3AL\$2	2.431	0.069	35.157	0.000
P5Q3AP\$1	0.544	0.023	23.656	0.000
P5Q3AP\$2	2.147	0.052	41.506	0.000
P5Q3BI\$1	0.255	0.022	11.610	0.000
P5Q3BI\$2	1.598	0.035	45.265	0.000
P5Q3BZ\$1	1.723	0.042	40.961	0.000
P5Q3BZ\$2	2.396	0.071	33.970	0.000
P5Q3CJ\$1	1.528	0.036	42.186	0.000
P5Q3CJ\$2	2.540	0.081	31.502	0.000
P5Q3C\$1	0.021	0.022	0.983	0.326
P5Q3C\$2	1.323	0.031	43.365	0.000
P5Q30\$1	1.108	0.028	39.983	0.000
P5Q30\$2	2.114	0.054	39.407	0.000
P5Q3R\$1	0.260	0.022	11.996	0.000
P5Q3R\$2	1.388	0.031	44.432	0.000
P5Q3S\$1	1.025	0.027	38.410	0.000
P5Q3S\$2	1.939	0.046	42.503	0.000
P5Q3T\$1	1.012	0.026	38.215	0.000
P5Q3T\$2	2.140	0.053	40.175	0.000
P5Q3U\$1	0.081	0.021	3.808	0.000
P5Q3U\$2	1.876	0.043	44.035	0.000
P5Q3V\$1	0.568	0.023	24.831	0.000
P5Q3V\$2	1.988	0.047	42.055	0.000
P5Q3AJ\$1	1.392	0.033	42.008	0.000
P5Q3AJ\$2	2.295	0.063	36.305	0.000
P5Q3BC\$1	1.601	0.038	42.486	0.000
P5Q3BC\$2	2.410	0.072	33.383	0.000
P5Q3BN\$1	0.923	0.026	36.154	0.000
P5Q3BN\$2	1.992	0.047	42.234	0.000
P5Q3CF\$1	0.478	0.022	21.432	0.000
P5Q3CF\$2	1.889	0.043	43.580	0.000
P5Q3CG\$1	0.617	0.023	26.536	0.000
P5Q3CG\$2	2.043	0.048	42.183	0.000
P5Q3CH\$1	1.098	0.028	39.770	0.000
P5Q3CH\$2	2.285	0.064	35.599	0.000
P5Q3CI\$1	1.305	0.031	42.110	0.000
P5Q3CI\$2	2.466	0.073	33.876	0.000
P5Q3CN\$1	0.959	0.026	36.719	0.000
P5Q3CN\$2	2.200	0.056	39.105	0.000
P5Q3C0\$1	0.557	0.023	24.624	0.000
P5Q3C0\$2	1.696	0.038	44.815	0.000
P5Q3CQ\$1	1.670	0.040	42.247	0.000
P5Q3CQ\$2	2.481	0.078	31.638	0.000
P5Q3CW\$1	0.803	0.025	32.546	0.000

P5Q3CW\$2	1.886	0.044	42.461	0.000
Residual Variances				
SC15	0.658	0.020	32.989	0.000
SC9	0.954	0.016	58.425	0.000
INTERNALIZ	0.036	0.051	0.708	0.479
EXTERN	0.722	0.019	38.277	0.000
PAF	0.622	0.024	25.899	0.000
INCBCL	0.920	0.011	81.513	0.000
EXCBCL	0.875	0.013	69.596	0.000

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.656	0.018	36.608	0.000
K6B1B_R	0.775	0.017	44.893	0.000
K6B1C_R	0.768	0.017	46.033	0.000
K6B1D_R	0.633	0.021	29.466	0.000
SC9 BY				
K5E1A	0.208	0.024	8.687	0.000
K5E1B	0.157	0.023	6.775	0.000
K5E1C	0.216	0.024	9.137	0.000
K5E1D	0.223	0.026	8.604	0.000
INTERNAL BY				
K6D2AG_R	0.767	0.011	70.140	0.000
K6D2AI_R	0.575	0.016	35.634	0.000
K6D2D_R	0.645	0.015	43.655	0.000
K6D2J_R	0.584	0.015	39.488	0.000
K6D2T_R	0.681	0.014	47.602	0.000
K6D2AC_R	0.874	0.010	86.490	0.000
K6D2AK_R	0.557	0.017	33.629	0.000
K6D2C_R	0.598	0.015	38.641	0.000
K6D2N_R	0.839	0.010	86.293	0.000
K6D2X_R	0.763	0.017	46.225	0.000
EXTERN BY				
K6D2A_R	0.505	0.017	29.145	0.000
K6D2P_R	0.719	0.013	53.624	0.000
K6D2R_R	0.552	0.017	32.989	0.000
K6D2Z_R	0.585	0.016	35.768	0.000
K6D2AB_R	0.592	0.015	38.891	0.000
K6D2AJ_R	0.755	0.013	57.226	0.000
K6D61C	0.882	0.014	63.905	0.000
K6D61D	0.649	0.017	38.855	0.000

K6D61E	0.646	0.024	27.465	0.000
K6D61K	0.870	0.013	64.892	0.000
K6D61L	0.566	0.022	25.145	0.000
K6D61M	0.473	0.021	22.011	0.000
K6D40_R	0.650	0.028	23.122	0.000
K6D48_R	0.567	0.023	24.933	0.000
K6F63_R	0.602	0.021	28.996	0.000
K6F68_R	0.665	0.042	15.867	0.000
K6F74_R	0.643	0.037	17.503	0.000

PAF BY

K6D2B_R	0.766	0.014	53.656	0.000
K6D2F_R	0.672	0.014	48.194	0.000
K6D2G_R	0.437	0.024	18.365	0.000
K6D2I_R	0.508	0.017	30.586	0.000
K6D2K_R	0.581	0.015	37.683	0.000
K6D2L_R	0.718	0.020	36.215	0.000
K6D2M_R	0.597	0.015	39.362	0.000
K6D2O_R	0.576	0.015	37.413	0.000
K6D2S_R	0.880	0.010	89.134	0.000
K6D2V_R	0.601	0.016	36.960	0.000
K6D2W_R	0.661	0.014	47.128	0.000
K6D2Y_R	0.650	0.017	37.949	0.000
K6D2AA_R	0.716	0.014	52.956	0.000
K6D2AE_R	0.477	0.016	29.140	0.000
K6D2AF_R	0.619	0.019	32.379	0.000
K6D2AH_R	0.487	0.018	26.446	0.000

INCBCL BY

P5Q3M	0.536	0.025	21.823	0.000
P5Q3AB	0.468	0.021	21.816	0.000
P5Q3AD	0.631	0.023	27.564	0.000
P5Q3AF	0.703	0.022	32.493	0.000
P5Q3AH	0.805	0.024	33.427	0.000
P5Q3AR	0.619	0.025	24.282	0.000
P5Q3AV	0.750	0.020	36.981	0.000
P5Q3AX	0.804	0.025	31.593	0.000
P5Q3BQ	0.586	0.019	30.884	0.000
P5Q3CK	0.798	0.037	21.618	0.000
P5Q3DB	0.589	0.020	29.175	0.000
P5Q3E	0.447	0.028	15.874	0.000
P5Q3A0	0.604	0.023	26.162	0.000
P5Q3BK	0.636	0.025	25.133	0.000
P5Q3B0	0.577	0.022	25.850	0.000
P5Q3CU	0.664	0.027	24.245	0.000
P5Q3DA	0.728	0.024	29.840	0.000
P5Q3AS	0.563	0.021	26.809	0.000
P5Q3AU	0.563	0.031	17.982	0.000
P5Q3AZ	0.769	0.024	32.536	0.000
P5Q3BB1	0.718	0.023	30.570	0.000

P5Q3BB2	0.583	0.022	26.540	0.000
P5Q3BB5	0.456	0.028	16.535	0.000
P5Q3BB6	0.733	0.019	38.564	0.000
P5Q3BB7	0.675	0.032	21.336	0.000
EXCBCL BY				
P5Q3X	0.620	0.020	30.336	0.000
P5Q3AA	0.824	0.012	66.617	0.000
P5Q3AL	0.653	0.024	26.944	0.000
P5Q3AP	0.736	0.016	45.921	0.000
P5Q3BI	0.397	0.022	17.905	0.000
P5Q3BZ	0.757	0.031	24.718	0.000
P5Q3CJ	0.758	0.024	31.607	0.000
P5Q3C	0.639	0.017	37.526	0.000
P5Q3O	0.813	0.017	47.114	0.000
P5Q3R	0.640	0.017	37.376	0.000
P5Q3S	0.835	0.015	55.069	0.000
P5Q3T	0.851	0.014	59.528	0.000
P5Q3U	0.802	0.012	65.181	0.000
P5Q3V	0.797	0.014	56.240	0.000
P5Q3AJ	0.794	0.020	39.073	0.000
P5Q3BC	0.857	0.022	39.464	0.000
P5Q3BN	0.732	0.018	39.627	0.000
P5Q3CF	0.757	0.015	49.431	0.000
P5Q3CG	0.736	0.016	45.378	0.000
P5Q3CH	0.653	0.022	29.131	0.000
P5Q3CI	0.596	0.029	20.611	0.000
P5Q3CN	0.698	0.020	34.124	0.000
P5Q3CO	0.821	0.014	59.686	0.000
P5Q3CQ	0.909	0.022	41.552	0.000
P5Q3CW	0.665	0.019	34.117	0.000
SC9 ON				
INCBCL	-0.173	0.035	-5.019	0.000
EXCBCL	-0.111	0.024	-4.597	0.000
EXTERN ON				
SC9	-0.435	0.020	-22.258	0.000
EXCBCL	0.177	0.020	8.765	0.000
INTERNAL ON				
SC9	-0.980	0.027	-36.107	0.000
INCBCL	-0.016	0.031	-0.497	0.619
PAF ON				
SC9	0.603	0.020	29.943	0.000
SC15 ON				
EXTERN	-0.161	0.024	-6.698	0.000
INTERNALIZ	-0.043	0.029	-1.480	0.139

PAF	0.487	0.025	19.155	0.000
INCBCL ON				
DEPCOMP	0.397	0.043	9.328	0.000
THREATCOMP	0.217	0.044	4.968	0.000
EXCBCL ON				
DEPCOMP	0.223	0.038	5.855	0.000
THREATCOMP	0.526	0.037	14.270	0.000
EXTERN ON				
THREATCOMP	0.220	0.038	5.831	0.000
DEPCOMP	0.009	0.039	0.234	0.815
INTERNAL ON				
THREATCOMP	0.022	0.041	0.539	0.590
DEPCOMP	0.070	0.040	1.747	0.081
PAF ON				
THREATCOMP	0.029	0.039	0.763	0.445
DEPCOMP	-0.172	0.039	-4.394	0.000
Thresholds				
K6B1A_R\$1	-1.702	0.038	-45.166	0.000
K6B1A_R\$2	-1.162	0.028	-41.544	0.000
K6B1A_R\$3	0.062	0.022	2.835	0.005
K6B1B_R\$1	-1.799	0.040	-44.694	0.000
K6B1B_R\$2	-1.251	0.029	-43.150	0.000
K6B1B_R\$3	-0.163	0.022	-7.474	0.000
K6B1C_R\$1	-1.607	0.035	-45.321	0.000
K6B1C_R\$2	-1.212	0.029	-42.328	0.000
K6B1C_R\$3	-0.188	0.022	-8.622	0.000
K6B1D_R\$1	-1.990	0.047	-42.647	0.000
K6B1D_R\$2	-1.542	0.034	-45.231	0.000
K6B1D_R\$3	-0.538	0.023	-23.532	0.000
K5E1A\$1	-1.309	0.030	-43.174	0.000
K5E1A\$2	-0.905	0.026	-35.484	0.000
K5E1A\$3	-0.634	0.024	-26.888	0.000
K5E1A\$4	-0.227	0.022	-10.255	0.000
K5E1B\$1	-1.132	0.028	-40.778	0.000
K5E1B\$2	-0.730	0.024	-30.343	0.000
K5E1B\$3	-0.431	0.023	-19.112	0.000
K5E1B\$4	0.029	0.022	1.325	0.185
K5E1C\$1	-1.329	0.030	-43.692	0.000
K5E1C\$2	-0.979	0.026	-37.679	0.000
K5E1C\$3	-0.679	0.024	-28.643	0.000
K5E1C\$4	-0.241	0.022	-10.974	0.000
K5E1D\$1	-1.543	0.034	-44.984	0.000
K5E1D\$2	-1.254	0.029	-42.759	0.000
K5E1D\$3	-1.021	0.027	-38.310	0.000

K5E1D\$4	-0.642	0.024	-27.248	0.000
K6D2AG_R\$1	0.140	0.022	6.508	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	30.751	0.000
K6D2AI_R\$3	1.458	0.032	45.481	0.000
K6D2D_R\$1	0.239	0.022	10.978	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	-21.455	0.000
K6D2J_R\$2	0.214	0.022	9.815	0.000
K6D2J_R\$3	1.384	0.031	44.413	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	44.412	0.000
K6D2AK_R\$1	-0.011	0.021	-0.529	0.597
K6D2AK_R\$2	0.520	0.023	23.040	0.000
K6D2AK_R\$3	1.385	0.031	44.750	0.000
K6D2C_R\$1	-0.270	0.022	-12.326	0.000
K6D2C_R\$2	0.208	0.022	9.511	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	44.886	0.000
K6D2X_R\$1	1.015	0.026	38.898	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	-2.276	0.023
K6D2P_R\$3	1.055	0.026	39.860	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	34.501	0.000
K6D61D\$1	0.695	0.024	29.182	0.000
K6D61D\$2	1.582	0.034	45.871	0.000
K6D61D\$3	2.005	0.046	43.351	0.000
K6D61E\$1	1.323	0.030	43.493	0.000
K6D61E\$2	2.124	0.053	40.270	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	39.486	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	42.462	0.000
K6D61L\$3	2.354	0.065	36.138	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	39.626	0.000
K6D2B_R\$1	-2.068	0.050	-41.417	0.000
K6D2B_R\$2	-1.663	0.036	-45.628	0.000
K6D2B_R\$3	-0.675	0.023	-28.877	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	-32.368	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	-12.320	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	-13.857	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	-40.393	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	-37.847	0.000
K6D2AF_R\$2	-1.928	0.044	-43.355	0.000
K6D2AF_R\$3	-0.818	0.024	-33.643	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	-12.182	0.000
P5Q3M\$1	0.977	0.027	36.873	0.000
P5Q3M\$2	2.040	0.049	41.523	0.000
P5Q3AB\$1	0.495	0.023	21.584	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	41.266	0.000
P5Q3AF\$2	2.385	0.064	37.456	0.000
P5Q3AH\$1	1.634	0.037	44.097	0.000
P5Q3AH\$2	2.542	0.078	32.603	0.000
P5Q3AR\$1	1.318	0.031	42.955	0.000
P5Q3AR\$2	2.342	0.064	36.414	0.000
P5Q3AV\$1	1.195	0.029	41.620	0.000
P5Q3AV\$2	2.284	0.061	37.398	0.000
P5Q3AX\$1	1.631	0.038	43.434	0.000
P5Q3AX\$2	2.702	0.092	29.301	0.000
P5Q3BQ\$1	0.279	0.022	12.537	0.000
P5Q3BQ\$2	1.898	0.044	43.582	0.000
P5Q3CK\$1	2.083	0.055	37.992	0.000
P5Q3CK\$2	2.668	0.093	28.782	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	38.360	0.000
P5Q3E\$2	1.993	0.046	43.407	0.000
P5Q3A0\$1	1.033	0.027	38.230	0.000
P5Q3A0\$2	2.146	0.053	40.411	0.000
P5Q3BK\$1	1.234	0.030	41.550	0.000
P5Q3BK\$2	2.416	0.069	34.833	0.000
P5Q3B0\$1	0.894	0.026	34.624	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	36.685	0.000
P5Q3DA\$1	1.371	0.032	42.817	0.000
P5Q3DA\$2	2.555	0.079	32.371	0.000
P5Q3AS\$1	0.771	0.024	31.477	0.000
P5Q3AS\$2	2.447	0.072	33.861	0.000
P5Q3AU\$1	1.441	0.033	43.643	0.000
P5Q3AU\$2	2.371	0.067	35.400	0.000
P5Q3AZ\$1	1.535	0.035	43.368	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	33.829	0.000
P5Q3BB2\$1	0.909	0.026	35.391	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	41.827	0.000
P5Q3BB6\$1	1.163	0.028	40.865	0.000
P5Q3BB6\$2	2.449	0.072	34.082	0.000
P5Q3BB7\$1	1.642	0.038	43.714	0.000
P5Q3BB7\$2	2.527	0.080	31.512	0.000
P5Q3X\$1	0.796	0.025	31.667	0.000
P5Q3X\$2	1.971	0.045	44.095	0.000
P5Q3AA\$1	0.163	0.022	7.294	0.000
P5Q3AA\$2	1.998	0.046	43.355	0.000
P5Q3AL\$1	1.266	0.031	40.877	0.000
P5Q3AL\$2	2.495	0.070	35.551	0.000
P5Q3AP\$1	0.563	0.024	23.588	0.000
P5Q3AP\$2	2.219	0.053	41.750	0.000
P5Q3BI\$1	0.257	0.022	11.608	0.000
P5Q3BI\$2	1.613	0.035	45.589	0.000
P5Q3BZ\$1	1.783	0.043	41.116	0.000
P5Q3BZ\$2	2.480	0.072	34.625	0.000
P5Q3CJ\$1	1.582	0.037	42.357	0.000
P5Q3CJ\$2	2.629	0.083	31.761	0.000
P5Q3C\$1	0.022	0.022	0.983	0.326
P5Q3C\$2	1.356	0.031	43.796	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	11.978	0.000
P5Q3R\$2	1.423	0.032	44.804	0.000
P5Q3S\$1	1.068	0.028	38.243	0.000
P5Q3S\$2	2.021	0.047	42.981	0.000
P5Q3T\$1	1.057	0.028	37.794	0.000
P5Q3T\$2	2.234	0.055	40.507	0.000
P5Q3U\$1	0.084	0.022	3.804	0.000
P5Q3U\$2	1.950	0.044	44.232	0.000
P5Q3V\$1	0.590	0.024	24.747	0.000
P5Q3V\$2	2.065	0.049	42.449	0.000
P5Q3AJ\$1	1.446	0.035	41.865	0.000
P5Q3AJ\$2	2.383	0.065	36.885	0.000

P5Q3BC\$1	1.673	0.040	42.340	0.000
P5Q3BC\$2	2.518	0.074	33.880	0.000
P5Q3BN\$1	0.954	0.027	35.979	0.000
P5Q3BN\$2	2.058	0.048	42.660	0.000
P5Q3CF\$1	0.494	0.023	21.345	0.000
P5Q3CF\$2	1.955	0.044	43.952	0.000
P5Q3CG\$1	0.638	0.024	26.498	0.000
P5Q3CG\$2	2.110	0.049	42.637	0.000
P5Q3CH\$1	1.127	0.028	39.908	0.000
P5Q3CH\$2	2.345	0.065	35.913	0.000
P5Q3CI\$1	1.334	0.031	42.355	0.000
P5Q3CI\$2	2.520	0.074	34.276	0.000
P5Q3CN\$1	0.988	0.027	36.668	0.000
P5Q3CN\$2	2.266	0.057	39.592	0.000
P5Q3C0\$1	0.580	0.024	24.496	0.000
P5Q3C0\$2	1.765	0.039	45.039	0.000
P5Q3CQ\$1	1.754	0.042	42.035	0.000
P5Q3CQ\$2	2.605	0.081	32.088	0.000
P5Q3CW\$1	0.825	0.025	32.486	0.000
P5Q3CW\$2	1.937	0.045	42.774	0.000

Residual Variances

SC15	0.658	0.020	32.989	0.000
SC9	0.954	0.016	58.425	0.000
INTERNALIZ	0.036	0.051	0.708	0.479
EXTERN	0.722	0.019	38.277	0.000
PAF	0.622	0.024	25.899	0.000
INCBCL	0.920	0.011	81.513	0.000
EXCBCL	0.875	0.013	69.596	0.000

R-SQUARE

Observed Residual Variable Variance	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
K6B1A_R 0.573	0.429	0.023	18.377	0.000
K6B1B_R 0.405	0.597	0.026	22.572	0.000
K6B1C_R 0.416	0.586	0.025	23.155	0.000
K6B1D_R 0.603	0.399	0.027	14.788	0.000
K5E1A 0.957	0.043	0.010	4.345	0.000
K5E1B 0.976	0.025	0.007	3.388	0.001

K5E1C	0.047	0.010	4.570	0.000
0.954				
K5E1D	0.050	0.012	4.304	0.000
0.951				
K6D2AG_R	0.584	0.016	35.551	0.000
0.420				
K6D2AI_R	0.329	0.018	17.915	0.000
0.674				
K6D2D_R	0.413	0.019	21.989	0.000
0.590				
K6D2J_R	0.339	0.017	19.869	0.000
0.665				
K6D2T_R	0.461	0.019	24.021	0.000
0.543				
K6D2AC_R	0.756	0.017	44.497	0.000
0.247				
K6D2AK_R	0.309	0.018	16.904	0.000
0.695				
K6D2C_R	0.356	0.018	19.439	0.000
0.647				
K6D2N_R	0.697	0.016	44.026	0.000
0.307				
K6D2X_R	0.577	0.025	23.388	0.000
0.427				
K6D2A_R	0.252	0.017	14.780	0.000
0.757				
K6D2P_R	0.504	0.018	27.757	0.000
0.508				
K6D2R_R	0.300	0.018	16.796	0.000
0.710				
K6D2Z_R	0.337	0.018	18.269	0.000
0.673				
K6D2AB_R	0.345	0.017	19.853	0.000
0.666				
K6D2AJ_R	0.555	0.019	29.738	0.000
0.457				
K6D61C	0.750	0.022	34.009	0.000
0.259				
K6D61D	0.413	0.021	19.889	0.000
0.599				
K6D61E	0.409	0.029	14.039	0.000
0.602				
K6D61K	0.731	0.021	34.642	0.000
0.279				
K6D61L	0.315	0.025	12.780	0.000
0.695				
K6D61M	0.221	0.020	11.131	0.000
0.787				
K6D40_R	0.415	0.035	11.825	0.000
0.597				

K6D48_R	0.317	0.025	12.670	0.000
0.693				
K6F63_R	0.356	0.024	14.790	0.000
0.655				
K6F68_R	0.433	0.053	8.104	0.000
0.578				
K6F74_R	0.406	0.045	8.930	0.000
0.606				
K6D2B_R	0.581	0.021	27.247	0.000
0.423				
K6D2F_R	0.448	0.018	24.352	0.000
0.556				
K6D2G_R	0.190	0.021	9.213	0.000
0.813				
K6D2I_R	0.257	0.017	15.371	0.000
0.746				
K6D2K_R	0.335	0.018	18.979	0.000
0.669				
K6D2L_R	0.511	0.028	18.284	0.000
0.493				
K6D2M_R	0.355	0.018	19.825	0.000
0.649				
K6D2O_R	0.330	0.018	18.822	0.000
0.673				
K6D2S_R	0.765	0.017	45.854	0.000
0.238				
K6D2V_R	0.359	0.019	18.625	0.000
0.645				
K6D2W_R	0.434	0.018	23.807	0.000
0.571				
K6D2Y_R	0.420	0.022	19.137	0.000
0.584				
K6D2AA_R	0.508	0.019	26.807	0.000
0.496				
K6D2AE_R	0.226	0.015	14.622	0.000
0.777				
K6D2AF_R	0.381	0.023	16.317	0.000
0.623				
K6D2AH_R	0.236	0.018	13.285	0.000
0.767				
P5Q3M	0.281	0.025	11.159	0.000
0.736				
P5Q3AB	0.215	0.019	11.096	0.000
0.798				
P5Q3AD	0.385	0.027	14.208	0.000
0.634				
P5Q3AF	0.476	0.028	17.006	0.000
0.545				
P5Q3AH	0.615	0.035	17.657	0.000
0.405				

P5Q3AR	0.371	0.030	12.509	0.000
0.648				
P5Q3AV	0.538	0.028	19.448	0.000
0.483				
P5Q3AX	0.614	0.037	16.693	0.000
0.406				
P5Q3BQ	0.334	0.021	15.930	0.000
0.684				
P5Q3CK	0.606	0.053	11.369	0.000
0.415				
P5Q3DB	0.337	0.022	15.036	0.000
0.681				
P5Q3E	0.196	0.024	8.062	0.000
0.817				
P5Q3A0	0.355	0.026	13.480	0.000
0.664				
P5Q3BK	0.392	0.030	12.997	0.000
0.628				
P5Q3B0	0.324	0.024	13.291	0.000
0.694				
P5Q3CU	0.426	0.034	12.575	0.000
0.594				
P5Q3DA	0.509	0.032	15.659	0.000
0.512				
P5Q3AS	0.310	0.022	13.768	0.000
0.708				
P5Q3AU	0.309	0.034	9.215	0.000
0.709				
P5Q3AZ	0.565	0.033	17.060	0.000
0.456				
P5Q3BB1	0.494	0.031	15.977	0.000
0.526				
P5Q3BB2	0.331	0.024	13.663	0.000
0.687				
P5Q3BB5	0.205	0.024	8.401	0.000
0.808				
P5Q3BB6	0.515	0.025	20.254	0.000
0.506				
P5Q3BB7	0.440	0.040	11.036	0.000
0.581				
P5Q3X	0.367	0.023	15.970	0.000
0.663				
P5Q3AA	0.626	0.016	38.920	0.000
0.405				
P5Q3AL	0.404	0.028	14.259	0.000
0.627				
P5Q3AP	0.508	0.020	25.015	0.000
0.525				
P5Q3BI	0.155	0.017	9.127	0.000
0.862				

P5Q3BZ	0.534	0.040	13.255	0.000
0.499				
P5Q3CJ	0.536	0.031	17.126	0.000
0.497				
P5Q3C	0.388	0.019	19.938	0.000
0.643				
P5Q3O	0.611	0.023	26.114	0.000
0.421				
P5Q3R	0.389	0.020	19.828	0.000
0.642				
P5Q3S	0.642	0.020	31.356	0.000
0.389				
P5Q3T	0.665	0.019	34.231	0.000
0.366				
P5Q3U	0.596	0.016	37.293	0.000
0.437				
P5Q3V	0.588	0.019	31.430	0.000
0.444				
P5Q3AJ	0.585	0.027	21.425	0.000
0.448				
P5Q3BC	0.673	0.031	21.995	0.000
0.357				
P5Q3BN	0.502	0.023	21.503	0.000
0.531				
P5Q3CF	0.534	0.020	27.286	0.000
0.499				
P5Q3CG	0.508	0.020	24.830	0.000
0.526				
P5Q3CH	0.405	0.026	15.406	0.000
0.626				
P5Q3CI	0.340	0.032	10.774	0.000
0.689				
P5Q3CN	0.459	0.025	18.263	0.000
0.574				
P5Q3CO	0.622	0.018	34.245	0.000
0.410				
P5Q3CQ	0.749	0.032	23.607	0.000
0.277				
P5Q3CW	0.419	0.023	18.105	0.000
0.613				

Latent Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15	0.342	0.020	17.156	0.000
SC9	0.046	0.016	2.808	0.005
INTERNAL	0.964	0.051	18.846	0.000
EXTERN	0.278	0.019	14.704	0.000
PAF	0.378	0.024	15.728	0.000
INCBCL	0.080	0.011	7.113	0.000

EXCBCL	0.125	0.013	9.897	0.000
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QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix
0.292E-05
(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
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ON/BY Statements

K6B1A_R ON EXTERN /				
EXTERN BY K6B1A_R	15.161	0.074	0.087	
0.087				
K5E1A ON INTERNAL /				
INTERNAL BY K5E1A	47.094	0.703	3.696	
3.695				
K5E1A ON EXCBCL /				
EXCBCL BY K5E1A	25.161	-0.071	-0.076	
-0.076				
K5E1B ON INTERNAL /				
INTERNAL BY K5E1B	43.500	0.649	3.408	
3.408				
K5E1B ON EXCBCL /				
EXCBCL BY K5E1B	11.599	-0.046	-0.049	
-0.049				
K5E1C ON INTERNAL /				
INTERNAL BY K5E1C	83.279	0.929	4.882	
4.881				
K5E1C ON EXCBCL /				
EXCBCL BY K5E1C	62.718	-0.110	-0.118	
-0.118				
K5E1D ON INTERNAL /				
INTERNAL BY K5E1D	49.510	0.789	4.146	
4.146				
K5E1D ON INCBCL /				
INCBCL BY K5E1D	21.359	-0.092	-0.096	
-0.096				
K5E1D ON EXCBCL /				
EXCBCL BY K5E1D	51.835	-0.111	-0.119	
-0.119				
K6D2AG_R ON SC9 /				

SC9	BY K6D2AG_R	12.470	1.713	1.753
1.746				
K6D2AG_R ON EXTERN /				
EXTERN BY K6D2AG_R	10.364	-0.062	-0.073	
-0.073				
K6D2AG_R ON EXCBCL /				
EXCBCL BY K6D2AG_R	16.858	-0.062	-0.066	
-0.066				
K6D2AI_R ON SC15 /				
SC15 BY K6D2AI_R	11.287	0.081	0.100	
0.100				
K6D2AI_R ON SC9 /				
SC9 BY K6D2AI_R	18.260	2.085	2.134	
2.129				
K6D2AI_R ON PAF /				
PAF BY K6D2AI_R	13.118	0.075	0.095	
0.095				
K6D2D_R ON SC15 /				
SC15 BY K6D2D_R	14.479	0.094	0.116	
0.115				
K6D2D_R ON PAF /				
PAF BY K6D2D_R	31.210	0.120	0.152	
0.151				
K6D2J_R ON PAF /				
PAF BY K6D2J_R	20.194	0.089	0.113	
0.113				
K6D2T_R ON SC15 /				
SC15 BY K6D2T_R	11.905	0.086	0.106	
0.106				
K6D2T_R ON SC9 /				
SC9 BY K6D2T_R	13.076	1.822	1.866	
1.859				
K6D2T_R ON PAF /				
PAF BY K6D2T_R	22.695	0.104	0.131	
0.131				
K6D2AC_R ON SC15 /				
SC15 BY K6D2AC_R	46.808	-0.171	-0.210	
-0.209				
K6D2AC_R ON SC9 /				
SC9 BY K6D2AC_R	18.942	-2.228	-2.281	
-2.268				
K6D2AC_R ON PAF /				
PAF BY K6D2AC_R	77.173	-0.181	-0.230	
-0.228				
K6D2AK_R ON SC9 /				
SC9 BY K6D2AK_R	16.849	-1.972	-2.019	
-2.014				
K6D2AK_R ON EXTERN /				
EXTERN BY K6D2AK_R	235.439	0.274	0.323	
0.322				

K6D2AK_R	ON	PAF	/			
PAF	BY	K6D2AK_R		44.475	0.141	0.178
0.178						
K6D2AK_R	ON	EXCBCL	/			
EXCBCL	BY	K6D2AK_R		62.985	0.113	0.120
0.120						
K6D2C_R	ON	EXTERN	/			
EXTERN	BY	K6D2C_R		25.446	0.092	0.108
0.107						
K6D2C_R	ON	PAF	/			
PAF	BY	K6D2C_R		12.747	0.072	0.091
0.091						
K6D2N_R	ON	SC15	/			
SC15	BY	K6D2N_R		18.755	-0.104	-0.128
-0.127						
K6D2N_R	ON	EXTERN	/			
EXTERN	BY	K6D2N_R		21.503	-0.092	-0.109
-0.108						
K6D2N_R	ON	PAF	/			
PAF	BY	K6D2N_R		65.930	-0.161	-0.204
-0.203						
K6D2X_R	ON	SC15	/			
SC15	BY	K6D2X_R		45.531	-0.188	-0.232
-0.231						
K6D2X_R	ON	SC9	/			
SC9	BY	K6D2X_R		32.699	-3.241	-3.318
-3.304						
K6D2X_R	ON	PAF	/			
PAF	BY	K6D2X_R		104.880	-0.228	-0.289
-0.288						
K6D2A_R	ON	SC9	/			
SC9	BY	K6D2A_R		11.068	-0.061	-0.063
-0.062						
K6D2A_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2A_R		11.912	0.012	0.065
0.064						
K6D2P_R	ON	SC9	/			
SC9	BY	K6D2P_R		28.412	-0.099	-0.101
-0.100						
K6D2P_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2P_R		28.818	0.019	0.101
0.100						
K6D2R_R	ON	SC9	/			
SC9	BY	K6D2R_R		101.329	-0.182	-0.186
-0.185						
K6D2R_R	ON	INTERNAL	/			
INTERNAL	BY	K6D2R_R		105.599	0.036	0.188
0.187						
K6D2R_R	ON	PAF	/			
PAF	BY	K6D2R_R		17.270	-0.051	-0.065

-0.064					
K6D2R_R	ON EXCBCL	/			
EXCBCL	BY K6D2R_R		19.557	-0.065	-0.069
-0.069					
K6D2Z_R	ON SC15	/			
SC15	BY K6D2Z_R		25.675	0.090	0.111
0.110					
K6D2Z_R	ON PAF	/			
PAF	BY K6D2Z_R		24.169	0.061	0.077
0.077					
K6D2AJ_R	ON SC15	/			
SC15	BY K6D2AJ_R		12.671	-0.065	-0.081
-0.080					
K6D2AJ_R	ON SC9	/			
SC9	BY K6D2AJ_R		50.772	-0.136	-0.139
-0.137					
K6D2AJ_R	ON INTERNAL	/			
INTERNAL	BY K6D2AJ_R		50.942	0.026	0.138
0.136					
K6D2AJ_R	ON PAF	/			
PAF	BY K6D2AJ_R		25.469	-0.065	-0.082
-0.081					
K6D61C	ON SC9	/			
SC9	BY K6D61C		61.322	0.239	0.245
0.240					
K6D61C	ON INTERNAL	/			
INTERNAL	BY K6D61C		62.190	-0.047	-0.245
-0.240					
K6D61C	ON PAF	/			
PAF	BY K6D61C		16.073	0.079	0.101
0.099					
K6D61C	ON INCBCL	/			
INCBCL	BY K6D61C		16.337	-0.117	-0.121
-0.119					
K6D61D	ON SC15	/			
SC15	BY K6D61D		18.774	0.091	0.113
0.112					
K6D61D	ON SC9	/			
SC9	BY K6D61D		75.596	0.197	0.202
0.200					
K6D61D	ON INTERNAL	/			
INTERNAL	BY K6D61D		74.025	-0.038	-0.198
-0.196					
K6D61D	ON PAF	/			
PAF	BY K6D61D		53.669	0.109	0.138
0.137					
K6D61D	ON INCBCL	/			
INCBCL	BY K6D61D		22.975	-0.097	-0.102
-0.101					
K6D61E	ON SC15	/			

SC15	BY K6D61E		13.159	0.097	0.119
0.118					
K6D61E	ON SC9	/			
SC9	BY K6D61E		52.308	0.207	0.212
0.210					
K6D61E	ON INTERNAL	/			
INTERNAL	BY K6D61E		53.240	-0.040	-0.212
-0.210					
K6D61E	ON PAF	/			
PAF	BY K6D61E		33.334	0.109	0.139
0.137					
K6D61E	ON EXCBCL	/			
EXCBCL	BY K6D61E		27.154	0.112	0.119
0.118					
K6D61K	ON SC9	/			
SC9	BY K6D61K		73.007	0.255	0.261
0.256					
K6D61K	ON INTERNAL	/			
INTERNAL	BY K6D61K		74.239	-0.050	-0.262
-0.257					
K6D61K	ON PAF	/			
PAF	BY K6D61K		15.164	0.075	0.095
0.093					
K6D61K	ON INCBCL	/			
INCBCL	BY K6D61K		21.698	-0.127	-0.132
-0.130					
K6D61L	ON SC15	/			
SC15	BY K6D61L		30.112	0.137	0.169
0.168					
K6D61L	ON SC9	/			
SC9	BY K6D61L		70.836	0.224	0.229
0.227					
K6D61L	ON INTERNAL	/			
INTERNAL	BY K6D61L		69.538	-0.043	-0.225
-0.224					
K6D61L	ON PAF	/			
PAF	BY K6D61L		53.363	0.128	0.162
0.161					
K6D61L	ON INCBCL	/			
INCBCL	BY K6D61L		23.929	-0.121	-0.126
-0.125					
K6D61M	ON SC15	/			
SC15	BY K6D61M		28.403	-0.110	-0.136
-0.135					
K6D61M	ON SC9	/			
SC9	BY K6D61M		20.021	-0.099	-0.102
-0.101					
K6D61M	ON INTERNAL	/			
INTERNAL	BY K6D61M		19.124	0.019	0.099
0.098					

K6D61M	ON PAF	/			
PAF	BY K6D61M		42.284	-0.094	-0.120
-0.119					
K6D40_R	ON EXCBCL	/			
EXCBCL	BY K6D40_R		38.628	0.160	0.171
0.170					
K6D48_R	ON EXCBCL	/			
EXCBCL	BY K6D48_R		14.413	-0.078	-0.084
-0.083					
K6D2B_R	ON SC15	/			
SC15	BY K6D2B_R		10.345	0.106	0.131
0.130					
K6D2B_R	ON SC9	/			
SC9	BY K6D2B_R		73.957	0.233	0.239
0.237					
K6D2B_R	ON INTERNAL	/			
INTERNAL	BY K6D2B_R		75.668	-0.045	-0.235
-0.234					
K6D2G_R	ON SC15	/			
SC15	BY K6D2G_R		19.030	0.159	0.196
0.196					
K6D2G_R	ON SC9	/			
SC9	BY K6D2G_R		12.958	-0.122	-0.125
-0.125					
K6D2G_R	ON INTERNAL	/			
INTERNAL	BY K6D2G_R		13.093	0.023	0.123
0.123					
K6D2I_R	ON INTERNAL	/			
INTERNAL	BY K6D2I_R		11.389	0.017	0.089
0.089					
K6D2I_R	ON EXTERN	/			
EXTERN	BY K6D2I_R		29.324	-0.082	-0.096
-0.096					
K6D2K_R	ON SC15	/			
SC15	BY K6D2K_R		18.964	-0.134	-0.165
-0.165					
K6D2K_R	ON SC9	/			
SC9	BY K6D2K_R		22.878	-0.126	-0.129
-0.129					
K6D2K_R	ON INTERNAL	/			
INTERNAL	BY K6D2K_R		23.974	0.025	0.129
0.129					
K6D2M_R	ON SC9	/			
SC9	BY K6D2M_R		25.395	-0.135	-0.138
-0.138					
K6D2M_R	ON INTERNAL	/			
INTERNAL	BY K6D2M_R		26.945	0.027	0.139
0.139					
K6D2S_R	ON SC9	/			
SC9	BY K6D2S_R		104.115	0.259	0.265

0.264				
K6D2S_R	ON	INTERNAL	/	
INTERNAL	BY	K6D2S_R		107.634 -0.050 -0.263
-0.261				
K6D2S_R	ON	EXTERN	/	
EXTERN	BY	K6D2S_R		10.216 -0.055 -0.064
-0.064				
K6D2W_R	ON	SC15	/	
SC15	BY	K6D2W_R		17.305 -0.129 -0.159
-0.159				
K6D2AA_R	ON	EXTERN	/	
EXTERN	BY	K6D2AA_R		18.918 0.075 0.088
0.087				
K6D2AA_R	ON	EXCBCL	/	
EXCBCL	BY	K6D2AA_R		12.597 0.055 0.058
0.058				
K6D2AE_R	ON	SC15	/	
SC15	BY	K6D2AE_R		35.649 -0.176 -0.218
-0.217				
K6D2AE_R	ON	SC9	/	
SC9	BY	K6D2AE_R		82.122 -0.230 -0.235
-0.235				
K6D2AE_R	ON	INTERNAL	/	
INTERNAL	BY	K6D2AE_R		80.115 0.043 0.227
0.227				
K6D2AE_R	ON	EXTERN	/	
EXTERN	BY	K6D2AE_R		86.038 0.140 0.165
0.165				
K6D2AE_R	ON	EXCBCL	/	
EXCBCL	BY	K6D2AE_R		11.776 0.047 0.050
0.050				
K6D2AF_R	ON	SC9	/	
SC9	BY	K6D2AF_R		10.287 -0.102 -0.104
-0.104				
K6D2AF_R	ON	INTERNAL	/	
INTERNAL	BY	K6D2AF_R		10.177 0.019 0.101
0.101				
K6D2AF_R	ON	EXTERN	/	
EXTERN	BY	K6D2AF_R		12.428 0.068 0.080
0.080				
P5Q3M	ON	SC15	/	
SC15	BY	P5Q3M		46.109 -0.130 -0.160
-0.158				
P5Q3M	ON	SC9	/	
SC9	BY	P5Q3M		51.669 -0.132 -0.136
-0.134				
P5Q3M	ON	INTERNAL	/	
INTERNAL	BY	P5Q3M		49.908 0.025 0.133
0.132				
P5Q3M	ON	EXTERN	/	

EXTERN 0.268	BY P5Q3M		182.330	0.231	0.271
P5Q3M	ON PAF	/			
PAF -0.085	BY P5Q3M		21.169	-0.068	-0.086
P5Q3M	ON EXCBCL	/			
EXCBCL 0.568	BY P5Q3M		1537.757	0.538	0.575
P5Q3AB	ON EXTERN	/			
EXTERN 0.062	BY P5Q3AB		12.731	0.054	0.063
P5Q3AB	ON EXCBCL	/			
EXCBCL 0.309	BY P5Q3AB		476.938	0.292	0.312
P5Q3AD	ON EXTERN	/			
EXTERN 0.127	BY P5Q3AD		36.241	0.110	0.129
P5Q3AD	ON EXCBCL	/			
EXCBCL 0.440	BY P5Q3AD		759.990	0.418	0.447
P5Q3AF	ON SC15	/			
SC15 -0.161	BY P5Q3AF		38.709	-0.134	-0.165
P5Q3AF	ON SC9	/			
SC9 -0.140	BY P5Q3AF		45.324	-0.140	-0.143
P5Q3AF	ON INTERNAL	/			
INTERNAL 0.137	BY P5Q3AF		43.530	0.027	0.140
P5Q3AF	ON EXTERN	/			
EXTERN 0.293	BY P5Q3AF		177.563	0.254	0.299
P5Q3AF	ON PAF	/			
PAF -0.097	BY P5Q3AF		22.547	-0.078	-0.099
P5Q3AF	ON EXCBCL	/			
EXCBCL 0.580	BY P5Q3AF		1331.584	0.553	0.591
P5Q3AH	ON SC15	/			
SC15 -0.170	BY P5Q3AH		28.992	-0.141	-0.174
P5Q3AH	ON SC9	/			
SC9 -0.164	BY P5Q3AH		43.356	-0.164	-0.168
P5Q3AH	ON INTERNAL	/			
INTERNAL 0.161	BY P5Q3AH		41.615	0.031	0.165
P5Q3AH	ON EXTERN	/			
EXTERN 0.329	BY P5Q3AH		156.495	0.287	0.337

P5Q3AH PAF -0.107	ON PAF BY P5Q3AH	/	18.555	-0.087	-0.110
P5Q3AH EXCBCL 0.649	ON EXCBCL BY P5Q3AH	/	1311.418	0.623	0.665
P5Q3AR EXTERN 0.196	ON EXTERN BY P5Q3AR	/	72.014	0.169	0.199
P5Q3AR EXCBCL 0.493	ON EXCBCL BY P5Q3AR	/	851.063	0.468	0.500
P5Q3AV EXTERN 0.150	ON EXTERN BY P5Q3AV	/	45.950	0.130	0.153
P5Q3AV EXCBCL 0.498	ON EXCBCL BY P5Q3AV	/	961.260	0.477	0.510
P5Q3AX EXTERN 0.177	ON EXTERN BY P5Q3AX	/	41.503	0.154	0.181
P5Q3AX EXCBCL 0.517	ON EXCBCL BY P5Q3AX	/	739.116	0.496	0.530
P5Q3BQ SC15 -0.081	ON SC15 BY P5Q3BQ	/	16.999	-0.067	-0.082
P5Q3BQ SC9 -0.070	ON SC9 BY P5Q3BQ	/	19.759	-0.070	-0.071
P5Q3BQ INTERNAL 0.068	ON INTERNAL BY P5Q3BQ	/	18.743	0.013	0.069
P5Q3BQ EXTERN 0.134	ON EXTERN BY P5Q3BQ	/	62.798	0.115	0.136
P5Q3BQ PAF -0.059	ON PAF BY P5Q3BQ	/	14.455	-0.047	-0.060
P5Q3BQ EXCBCL 0.417	ON EXCBCL BY P5Q3BQ	/	960.707	0.395	0.422
P5Q3CK SC15 -0.155	ON SC15 BY P5Q3CK	/	13.308	-0.129	-0.159
P5Q3CK SC9 -0.161	ON SC9 BY P5Q3CK	/	22.949	-0.162	-0.165
P5Q3CK INTERNAL	ON INTERNAL BY P5Q3CK	/	21.839	0.031	0.161

0.157						
P5Q3CK	ON	EXTERN	/			
EXTERN	BY	P5Q3CK		129.135	0.350	0.412
0.402						
P5Q3CK	ON	EXCBCL	/			
EXCBCL	BY	P5Q3CK		971.299	0.687	0.734
0.716						
P5Q3DB	ON	EXCBCL	/			
EXCBCL	BY	P5Q3DB		676.658	0.350	0.374
0.369						
P5Q3E	ON	SC15	/			
SC15	BY	P5Q3E		15.868	-0.079	-0.098
-0.097						
P5Q3E	ON	SC9	/			
SC9	BY	P5Q3E		23.785	-0.094	-0.096
-0.095						
P5Q3E	ON	INTERNAL	/			
INTERNAL	BY	P5Q3E		23.620	0.018	0.095
0.095						
P5Q3E	ON	EXTERN	/			
EXTERN	BY	P5Q3E		65.628	0.145	0.171
0.169						
P5Q3E	ON	EXCBCL	/			
EXCBCL	BY	P5Q3E		487.614	0.342	0.366
0.363						
P5Q3A0	ON	SC15	/			
SC15	BY	P5Q3A0		29.492	-0.106	-0.131
-0.129						
P5Q3A0	ON	SC9	/			
SC9	BY	P5Q3A0		48.740	-0.131	-0.134
-0.132						
P5Q3A0	ON	INTERNAL	/			
INTERNAL	BY	P5Q3A0		47.786	0.025	0.132
0.130						
P5Q3A0	ON	EXTERN	/			
EXTERN	BY	P5Q3A0		76.514	0.154	0.181
0.178						
P5Q3A0	ON	PAF	/			
PAF	BY	P5Q3A0		29.051	-0.080	-0.101
-0.100						
P5Q3A0	ON	EXCBCL	/			
EXCBCL	BY	P5Q3A0		662.312	0.388	0.415
0.409						
P5Q3BK	ON	SC9	/			
SC9	BY	P5Q3BK		14.003	-0.076	-0.078
-0.077						
P5Q3BK	ON	INTERNAL	/			
INTERNAL	BY	P5Q3BK		13.480	0.015	0.077
0.076						
P5Q3BK	ON	EXTERN	/			

EXTERN 0.185	BY P5Q3BK		71.174	0.159	0.188
P5Q3BK EXCBCL 0.490	ON EXCBCL BY P5Q3BK	/	846.525	0.466	0.498
P5Q3B0 SC15 -0.176	ON SC15 BY P5Q3B0	/	59.320	-0.144	-0.178
P5Q3B0 SC9 -0.163	ON SC9 BY P5Q3B0	/	81.821	-0.162	-0.165
P5Q3B0 INTERNAL 0.160	ON INTERNAL BY P5Q3B0	/	79.321	0.031	0.163
P5Q3B0 EXTERN 0.290	ON EXTERN BY P5Q3B0	/	225.909	0.249	0.293
P5Q3B0 PAF -0.119	ON PAF BY P5Q3B0	/	44.697	-0.095	-0.120
P5Q3B0 EXCBCL 0.506	ON EXCBCL BY P5Q3B0	/	1184.471	0.480	0.513
P5Q3CU SC9 -0.090	ON SC9 BY P5Q3CU	/	15.490	-0.090	-0.092
P5Q3CU INTERNAL 0.089	ON INTERNAL BY P5Q3CU	/	15.059	0.017	0.091
P5Q3CU EXTERN 0.196	ON EXTERN BY P5Q3CU	/	63.540	0.170	0.200
P5Q3CU EXCBCL 0.442	ON EXCBCL BY P5Q3CU	/	579.534	0.421	0.450
P5Q3DA SC15 -0.184	ON SC15 BY P5Q3DA	/	43.003	-0.153	-0.188
P5Q3DA SC9 -0.184	ON SC9 BY P5Q3DA	/	69.225	-0.184	-0.188
P5Q3DA INTERNAL 0.182	ON INTERNAL BY P5Q3DA	/	67.649	0.035	0.186
P5Q3DA EXTERN 0.297	ON EXTERN BY P5Q3DA	/	160.146	0.258	0.303
P5Q3DA PAF -0.123	ON PAF BY P5Q3DA	/	31.365	-0.099	-0.125

P5Q3DA	ON EXCBCL	/			
EXCBCL	BY P5Q3DA		921.692	0.495	0.530
0.519					
P5Q3AS	ON SC15	/			
SC15	BY P5Q3AS		32.183	-0.103	-0.127
-0.125					
P5Q3AS	ON SC9	/			
SC9	BY P5Q3AS		39.503	-0.109	-0.112
-0.110					
P5Q3AS	ON INTERNAL	/			
INTERNAL	BY P5Q3AS		38.333	0.021	0.110
0.109					
P5Q3AS	ON EXTERN	/			
EXTERN	BY P5Q3AS		89.625	0.153	0.180
0.178					
P5Q3AS	ON PAF	/			
PAF	BY P5Q3AS		23.936	-0.068	-0.086
-0.085					
P5Q3AS	ON EXCBCL	/			
EXCBCL	BY P5Q3AS		821.044	0.394	0.421
0.416					
P5Q3AU	ON EXTERN	/			
EXTERN	BY P5Q3AU		21.138	0.099	0.116
0.115					
P5Q3AU	ON EXCBCL	/			
EXCBCL	BY P5Q3AU		329.165	0.329	0.352
0.347					
P5Q3AZ	ON SC9	/			
SC9	BY P5Q3AZ		15.486	-0.094	-0.096
-0.094					
P5Q3AZ	ON INTERNAL	/			
INTERNAL	BY P5Q3AZ		14.951	0.018	0.094
0.092					
P5Q3AZ	ON EXTERN	/			
EXTERN	BY P5Q3AZ		83.636	0.203	0.239
0.234					
P5Q3AZ	ON EXCBCL	/			
EXCBCL	BY P5Q3AZ		785.416	0.499	0.534
0.521					
P5Q3BB1	ON EXTERN	/			
EXTERN	BY P5Q3BB1		26.026	0.105	0.123
0.121					
P5Q3BB1	ON EXCBCL	/			
EXCBCL	BY P5Q3BB1		442.708	0.364	0.389
0.381					
P5Q3BB2	ON EXTERN	/			
EXTERN	BY P5Q3BB2		15.124	0.066	0.077
0.076					
P5Q3BB2	ON EXCBCL	/			
EXCBCL	BY P5Q3BB2		333.611	0.277	0.296

0.292						
P5Q3BB5	ON	EXTERN	/			
EXTERN	BY	P5Q3BB5		11.223	0.059	0.069
0.069						
P5Q3BB5	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB5		241.097	0.252	0.269
0.267						
P5Q3BB6	ON	EXTERN	/			
EXTERN	BY	P5Q3BB6		13.101	0.069	0.081
0.079						
P5Q3BB6	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB6		435.726	0.337	0.360
0.353						
P5Q3BB7	ON	EXCBCL	/			
EXCBCL	BY	P5Q3BB7		315.945	0.348	0.372
0.366						
P5Q3X	ON	SC15	/			
SC15	BY	P5Q3X		13.392	-0.065	-0.080
-0.078						
P5Q3X	ON	SC9	/			
SC9	BY	P5Q3X		43.643	-0.111	-0.113
-0.111						
P5Q3X	ON	INTERNAL	/			
INTERNAL	BY	P5Q3X		39.318	0.021	0.108
0.105						
P5Q3X	ON	EXTERN	/			
EXTERN	BY	P5Q3X		23.080	0.083	0.097
0.095						
P5Q3X	ON	PAF	/			
PAF	BY	P5Q3X		16.170	-0.054	-0.068
-0.067						
P5Q3X	ON	INCBCL	/			
INCBCL	BY	P5Q3X		502.065	0.399	0.416
0.407						
P5Q3AA	ON	INCBCL	/			
INCBCL	BY	P5Q3AA		551.054	0.376	0.392
0.377						
P5Q3AL	ON	INCBCL	/			
INCBCL	BY	P5Q3AL		422.577	0.401	0.419
0.408						
P5Q3AP	ON	SC15	/			
SC15	BY	P5Q3AP		10.342	-0.055	-0.068
-0.066						
P5Q3AP	ON	SC9	/			
SC9	BY	P5Q3AP		28.407	-0.086	-0.088
-0.085						
P5Q3AP	ON	INTERNAL	/			
INTERNAL	BY	P5Q3AP		23.124	0.015	0.080
0.077						
P5Q3AP	ON	EXTERN	/			

EXTERN 0.077	BY P5Q3AP		16.702	0.068	0.080
P5Q3AP INCBCL 0.472	ON INCBCL BY P5Q3AP	/	801.313	0.468	0.488
P5Q3BI INCBCL 0.334	ON INCBCL BY P5Q3BI	/	380.345	0.323	0.337
P5Q3BZ SC9 -0.155	ON SC9 BY P5Q3BZ	/	37.414	-0.157	-0.161
P5Q3BZ INTERNAL 0.146	ON INTERNAL BY P5Q3BZ	/	32.865	0.029	0.151
P5Q3BZ EXTERN 0.119	ON EXTERN BY P5Q3BZ	/	15.523	0.105	0.123
P5Q3BZ INCBCL 0.549	ON INCBCL BY P5Q3BZ	/	520.824	0.545	0.568
P5Q3CJ SC9 -0.132	ON SC9 BY P5Q3CJ	/	32.321	-0.133	-0.137
P5Q3CJ INTERNAL 0.120	ON INTERNAL BY P5Q3CJ	/	26.711	0.024	0.125
P5Q3CJ INCBCL 0.568	ON INCBCL BY P5Q3CJ	/	726.080	0.564	0.588
P5Q3C SC15 -0.071	ON SC15 BY P5Q3C	/	14.842	-0.059	-0.073
P5Q3C SC9 -0.084	ON SC9 BY P5Q3C	/	33.559	-0.084	-0.086
P5Q3C INTERNAL 0.078	ON INTERNAL BY P5Q3C	/	28.539	0.015	0.080
P5Q3C PAF -0.072	ON PAF BY P5Q3C	/	25.726	-0.059	-0.074
P5Q3C INCBCL 0.412	ON INCBCL BY P5Q3C	/	662.975	0.405	0.422
P5Q30 SC15 -0.081	ON SC15 BY P5Q30	/	11.425	-0.069	-0.085
P5Q30 SC9 -0.102	ON SC9 BY P5Q30	/	29.101	-0.103	-0.106

P5Q30 INTERNAL 0.092	ON INTERNAL / BY P5Q30	23.641	0.018	0.096
P5Q30 PAF -0.071	ON PAF / BY P5Q30	14.587	-0.059	-0.074
P5Q30 INCBCL 0.504	ON INCBCL / BY P5Q30	720.833	0.503	0.525
P5Q3R SC15 -0.076	ON SC15 / BY P5Q3R	15.894	-0.063	-0.078
P5Q3R SC9 -0.100	ON SC9 / BY P5Q3R	45.005	-0.100	-0.102
P5Q3R INTERNAL 0.092	ON INTERNAL / BY P5Q3R	38.174	0.018	0.095
P5Q3R PAF -0.065	ON PAF / BY P5Q3R	19.230	-0.052	-0.066
P5Q3R INCBCL 0.501	ON INCBCL / BY P5Q3R	1002.967	0.492	0.513
P5Q3S SC9 -0.088	ON SC9 / BY P5Q3S	23.583	-0.089	-0.091
P5Q3S INTERNAL 0.079	ON INTERNAL / BY P5Q3S	18.968	0.016	0.082
P5Q3S EXTERN 0.079	ON EXTERN / BY P5Q3S	13.611	0.070	0.082
P5Q3S INCBCL 0.492	ON INCBCL / BY P5Q3S	721.481	0.492	0.513
P5Q3T SC9 -0.071	ON SC9 / BY P5Q3T	15.345	-0.073	-0.074
P5Q3T INTERNAL 0.062	ON INTERNAL / BY P5Q3T	11.564	0.012	0.065
P5Q3T INCBCL 0.488	ON INCBCL / BY P5Q3T	731.111	0.488	0.509
P5Q3U INCBCL 0.402	ON INCBCL / BY P5Q3U	644.760	0.401	0.418
P5Q3V INCBCL	ON INCBCL / BY P5Q3V	406.219	0.342	0.357

0.343						
P5Q3AJ	ON	INCBCL	/			
INCBCL	BY	P5Q3AJ		533.633	0.472	0.492
0.474						
P5Q3BC	ON	SC15	/			
SC15	BY	P5Q3BC		11.273	-0.091	-0.113
-0.108						
P5Q3BC	ON	SC9	/			
SC9	BY	P5Q3BC		43.915	-0.168	-0.171
-0.164						
P5Q3BC	ON	INTERNAL	/			
INTERNAL	BY	P5Q3BC		36.082	0.030	0.156
0.149						
P5Q3BC	ON	EXTERN	/			
EXTERN	BY	P5Q3BC		18.481	0.108	0.128
0.122						
P5Q3BC	ON	PAF	/			
PAF	BY	P5Q3BC		13.952	-0.077	-0.098
-0.094						
P5Q3BC	ON	INCBCL	/			
INCBCL	BY	P5Q3BC		844.201	0.621	0.647
0.620						
P5Q3BN	ON	SC15	/			
SC15	BY	P5Q3BN		13.791	-0.070	-0.086
-0.083						
P5Q3BN	ON	SC9	/			
SC9	BY	P5Q3BN		39.542	-0.112	-0.115
-0.111						
P5Q3BN	ON	INTERNAL	/			
INTERNAL	BY	P5Q3BN		32.766	0.020	0.105
0.102						
P5Q3BN	ON	PAF	/			
PAF	BY	P5Q3BN		15.698	-0.056	-0.071
-0.069						
P5Q3BN	ON	INCBCL	/			
INCBCL	BY	P5Q3BN		989.283	0.545	0.569
0.551						
P5Q3CF	ON	SC15	/			
SC15	BY	P5Q3CF		18.523	-0.072	-0.089
-0.086						
P5Q3CF	ON	SC9	/			
SC9	BY	P5Q3CF		48.345	-0.111	-0.113
-0.109						
P5Q3CF	ON	INTERNAL	/			
INTERNAL	BY	P5Q3CF		39.992	0.020	0.103
0.100						
P5Q3CF	ON	PAF	/			
PAF	BY	P5Q3CF		21.455	-0.059	-0.075
-0.072						
P5Q3CF	ON	INCBCL	/			

INCBCL 0.547	BY P5Q3CF		1179.681	0.543	0.566
P5Q3CG SC15 -0.100	ON SC15 / BY P5Q3CG		23.257	-0.084	-0.103
P5Q3CG SC9 -0.124	ON SC9 / BY P5Q3CG		58.899	-0.125	-0.128
P5Q3CG INTERNAL 0.113	ON INTERNAL / BY P5Q3CG		48.409	0.022	0.117
P5Q3CG PAF -0.088	ON PAF / BY P5Q3CG		30.259	-0.072	-0.091
P5Q3CG INCBCL 0.626	ON INCBCL / BY P5Q3CG		1533.313	0.620	0.647
P5Q3CH SC15 -0.128	ON SC15 / BY P5Q3CH		27.663	-0.106	-0.131
P5Q3CH SC9 -0.164	ON SC9 / BY P5Q3CH		73.634	-0.164	-0.168
P5Q3CH INTERNAL 0.151	ON INTERNAL / BY P5Q3CH		61.994	0.029	0.155
P5Q3CH PAF -0.130	ON PAF / BY P5Q3CH		47.702	-0.105	-0.133
P5Q3CH INCBCL 0.660	ON INCBCL / BY P5Q3CH		1369.048	0.650	0.678
P5Q3CI SC15 -0.086	ON SC15 / BY P5Q3CI		10.107	-0.072	-0.088
P5Q3CI SC9 -0.133	ON SC9 / BY P5Q3CI		39.332	-0.132	-0.135
P5Q3CI INTERNAL 0.120	ON INTERNAL / BY P5Q3CI		32.223	0.023	0.123
P5Q3CI PAF -0.074	ON PAF / BY P5Q3CI		12.430	-0.060	-0.076
P5Q3CI INCBCL 0.634	ON INCBCL / BY P5Q3CI		1038.453	0.621	0.648
P5Q3CN SC9 -0.074	ON SC9 / BY P5Q3CN		17.301	-0.075	-0.077

P5Q3CN INTERNAL 0.067	ON INTERNAL / BY P5Q3CN	13.864	0.013	0.069
P5Q3CN INCBCL 0.456	ON INCBCL / BY P5Q3CN	606.969	0.450	0.469
P5Q3C0 SC9 -0.080	ON SC9 / BY P5Q3C0	25.353	-0.081	-0.083
P5Q3C0 INTERNAL 0.071	ON INTERNAL / BY P5Q3C0	20.000	0.014	0.074
P5Q3C0 PAF -0.053	ON PAF / BY P5Q3C0	11.436	-0.043	-0.055
P5Q3C0 INCBCL 0.489	ON INCBCL / BY P5Q3C0	899.729	0.488	0.509
P5Q3CQ SC9 -0.118	ON SC9 / BY P5Q3CQ	22.142	-0.121	-0.124
P5Q3CQ INTERNAL 0.105	ON INTERNAL / BY P5Q3CQ	17.167	0.021	0.110
P5Q3CQ INCBCL 0.602	ON INCBCL / BY P5Q3CQ	722.883	0.606	0.632
P5Q3CW INCBCL 0.476	ON INCBCL / BY P5Q3CW	718.184	0.469	0.489
SC9 EXTERN -0.267	ON EXTERN / BY SC9	11.003	-0.232	-0.267
INTERNAL SC15 -0.498	ON SC15 / BY INTERNAL	34.210	-2.122	-0.498
INTERNAL EXTERN 0.423	ON EXTERN / BY INTERNAL	97.510	1.890	0.423
INTERNAL PAF -0.815	ON PAF / BY INTERNAL	111.340	-3.377	-0.815
EXTERN SC15 0.304	ON SC15 / BY EXTERN	48.948	0.290	0.304
EXTERN INTERNAL 3.160	ON INTERNAL / BY EXTERN	54.940	0.707	3.160
EXTERN PAF	ON PAF / BY EXTERN	51.201	0.196	0.211

0.211					
EXTERN	ON	INCBCL	/		
INCBCL	BY	EXTERN		10.192	-0.038
-0.034					-0.034
PAF	ON	SC15	/		
SC15	BY	PAF		75.298	-1.363
-1.325					-1.325
PAF	ON	INTERNAL	/		
INTERNAL	BY	PAF		20.765	-0.656
-2.719					-2.719
PAF	ON	EXTERN	/		
EXTERN	BY	PAF		91.124	0.290
0.269					0.269
INCBCL	ON	SC15	/		
SC15	BY	INCBCL		1177.978	-0.540
-0.638					-0.638
INCBCL	ON	SC9	/		
SC9	BY	INCBCL		18471.262	-6.608
-6.488					-6.488
INCBCL	ON	INTERNAL	/		
INTERNAL	BY	INCBCL		18471.262	1.314
6.620					6.620
INCBCL	ON	EXTERN	/		
EXTERN	BY	INCBCL		3935.203	0.629
0.710					0.710
INCBCL	ON	PAF	/		
PAF	BY	INCBCL		1252.795	-0.595
-0.724					-0.724
INCBCL	ON	EXCBCL	/		
EXCBCL	BY	INCBCL		18845.959	0.717
0.735					0.735
EXCBCL	ON	SC15	/		
SC15	BY	EXCBCL		514.765	-0.237
-0.273					-0.273
EXCBCL	ON	SC9	/		
SC9	BY	EXCBCL		18579.555	-4.163
-3.988					-3.988
EXCBCL	ON	INTERNAL	/		
INTERNAL	BY	EXCBCL		18315.439	0.899
4.422					4.422
EXCBCL	ON	EXTERN	/		
EXTERN	BY	EXCBCL		18579.539	8.326
9.166					9.166
EXCBCL	ON	PAF	/		
PAF	BY	EXCBCL		852.054	-0.278
-0.330					-0.330
EXCBCL	ON	INCBCL	/		
INCBCL	BY	EXCBCL		18845.957	0.717
0.700					0.700

ON Statements

SC15 0.082	ON K6D2Z_R	10.055	0.101	0.082
SC15 -0.109	ON K6F63_R	10.754	-0.133	-0.108
SC15 0.170	ON K6D2G_R	28.892	0.209	0.170
SC15 -0.096	ON K6D2K_R	12.679	-0.118	-0.096
SC15 -0.096	ON K6D2W_R	12.522	-0.118	-0.096
SC15 0.098	ON K6D2AA_R	13.274	0.121	0.098
SC9 -0.410	ON K5E1A	24.129	-0.420	-0.410
SC9 -0.291	ON K5E1B	13.177	-0.298	-0.291
SC9 -0.602	ON K5E1C	52.807	-0.617	-0.602
SC9 -0.756	ON K5E1D	69.019	-0.774	-0.756
SC9 0.527	ON K6D2AK_R	34.936	0.538	0.525
SC9 -0.064	ON K6D2A_R	12.428	-0.065	-0.063
SC9 -0.106	ON K6D2P_R	34.597	-0.108	-0.105
SC9 -0.190	ON K6D2R_R	115.182	-0.193	-0.188
SC9 -0.129	ON K6D2AJ_R	48.359	-0.130	-0.127
SC9 0.161	ON K6D61C	31.129	0.162	0.158
SC9 0.165	ON K6D61D	56.006	0.167	0.163
SC9 0.193	ON K6D61E	49.193	0.196	0.192
SC9 0.173	ON K6D61K	37.445	0.174	0.170
SC9 0.182	ON K6D61L	49.768	0.185	0.181
SC9 -0.113	ON K6D61M	27.308	-0.116	-0.113
SC9 0.235	ON K6D2B_R	78.592	0.239	0.234
SC9 -0.110	ON K6D2G_R	10.507	-0.112	-0.110
SC9 -0.087	ON K6D2I_R	10.947	-0.089	-0.087

SC9	ON K6D2K_R	23.342	-0.130	-0.127
-0.127				
SC9	ON K6D2M_R	22.321	-0.128	-0.125
-0.126				
SC9	ON K6D2S_R	121.197	0.276	0.269
0.271				
SC9	ON K6D2AE_R	61.111	-0.203	-0.199
-0.199				
SC9	ON P5Q3AX	11.624	0.091	0.089
0.091				
SC9	ON P5Q3A0	13.462	-0.070	-0.069
-0.070				
SC9	ON P5Q3B0	19.869	-0.082	-0.080
-0.081				
SC9	ON P5Q3DA	16.351	-0.092	-0.090
-0.092				
SC9	ON P5Q3BB7	13.529	0.099	0.097
0.098				
SC9	ON P5Q3AL	11.079	0.069	0.067
0.069				
INTERNAL	ON K5E1A	77.550	1.301	0.248
0.248				
INTERNAL	ON K5E1B	80.950	1.266	0.241
0.241				
INTERNAL	ON K5E1C	142.922	1.755	0.334
0.334				
INTERNAL	ON K5E1D	66.262	1.306	0.249
0.249				
INTERNAL	ON K6D2AG_R	20.426	0.573	0.109
0.110				
INTERNAL	ON K6D2AI_R	24.127	0.630	0.120
0.120				
INTERNAL	ON K6D2D_R	24.758	0.653	0.124
0.125				
INTERNAL	ON K6D2J_R	10.150	0.390	0.074
0.074				
INTERNAL	ON K6D2T_R	29.890	0.729	0.139
0.139				
INTERNAL	ON K6D2AC_R	37.294	-0.805	-0.153
-0.154				
INTERNAL	ON K6D2AK_R	20.962	-0.592	-0.113
-0.113				
INTERNAL	ON K6D2N_R	11.101	-0.421	-0.080
-0.081				
INTERNAL	ON K6D2X_R	56.344	-1.084	-0.206
-0.207				
INTERNAL	ON K6D2A_R	60.604	0.668	0.127
0.128				
INTERNAL	ON K6D2P_R	64.860	0.668	0.127
0.129				

INTERNAL ON K6D2R_R 0.228	206.537	1.188	0.226
INTERNAL ON K6D2Z_R 0.128	62.033	0.666	0.127
INTERNAL ON K6D2AB_R 0.130	65.114	0.678	0.129
INTERNAL ON K6D2AJ_R 0.143	77.482	0.741	0.141
INTERNAL ON K6D61K -0.087	12.477	-0.448	-0.085
INTERNAL ON K6F68_R 0.217	31.368	1.130	0.215
INTERNAL ON K6F74_R 0.202	29.020	1.049	0.200
INTERNAL ON K6D2B_R -0.194	119.761	-1.013	-0.193
INTERNAL ON K6D2I_R 0.107	35.558	0.563	0.107
INTERNAL ON K6D2K_R 0.062	12.125	0.326	0.062
INTERNAL ON K6D2L_R -0.114	25.186	-0.598	-0.114
INTERNAL ON K6D2M_R 0.088	23.426	0.460	0.088
INTERNAL ON K6D2O_R -0.069	15.457	-0.363	-0.069
INTERNAL ON K6D2S_R -0.213	169.186	-1.113	-0.212
INTERNAL ON K6D2Y_R -0.066	11.062	-0.347	-0.066
INTERNAL ON K6D2AA_R -0.070	15.153	-0.366	-0.070
INTERNAL ON K6D2AE_R 0.075	19.045	0.395	0.075
INTERNAL ON P5Q3AL -0.053	11.027	-0.269	-0.051
EXTERN ON K6B1A_R 0.088	23.794	0.104	0.088
EXTERN ON K6B1B_R 0.070	13.753	0.082	0.069
EXTERN ON K6D2J_R 0.059	13.237	0.069	0.059
EXTERN ON K6D2AK_R 0.233	204.781	0.274	0.233
EXTERN ON K6D2C_R 0.088	28.253	0.103	0.088
EXTERN ON K6D2N_R -0.082	20.338	-0.096	-0.082
EXTERN ON K6D2P_R -0.115	14.725	-0.133	-0.113

EXTERN -0.214	ON K6D2R_R	54.787	-0.250	-0.212
EXTERN -0.231	ON K6D2AJ_R	56.220	-0.268	-0.228
EXTERN 0.370	ON K6D61C	59.397	0.428	0.364
EXTERN 0.227	ON K6D61D	40.306	0.264	0.225
EXTERN 0.182	ON K6D61E	16.477	0.212	0.180
EXTERN 0.409	ON K6D61K	75.968	0.473	0.402
EXTERN 0.276	ON K6D61L	43.663	0.322	0.274
EXTERN -0.179	ON K6D40_R	11.039	-0.209	-0.177
EXTERN -0.077	ON K6D2I_R	25.218	-0.090	-0.077
EXTERN 0.080	ON K6D2L_R	16.049	0.094	0.080
EXTERN 0.084	ON K6D20_R	26.962	0.099	0.084
EXTERN 0.049	ON K6D2S_R	10.260	0.058	0.049
EXTERN 0.064	ON K6D2W_R	16.943	0.076	0.064
EXTERN 0.061	ON K6D2Y_R	12.065	0.071	0.061
EXTERN 0.111	ON K6D2AA_R	45.579	0.130	0.110
EXTERN 0.135	ON K6D2AE_R	76.259	0.159	0.135
EXTERN 0.106	ON K6D2AF_R	32.326	0.124	0.105
EXTERN 0.054	ON K6D2AH_R	10.138	0.063	0.054
EXTERN -0.052	ON P5Q3AB	13.793	-0.061	-0.051
EXTERN -0.045	ON P5Q3AD	12.196	-0.053	-0.045
EXTERN -0.044	ON P5Q3AV	14.053	-0.051	-0.043
EXTERN -0.039	ON P5Q3AX	10.790	-0.045	-0.038
EXTERN -0.039	ON P5Q3BQ	10.429	-0.046	-0.039
EXTERN -0.059	ON P5Q3DB	22.884	-0.068	-0.058
EXTERN -0.043	ON P5Q3BB1	11.869	-0.049	-0.042

EXTERN -0.045	ON P5Q3BB6	14.568	-0.052	-0.044
EXTERN -0.055	ON P5Q3BB7	16.206	-0.064	-0.054
PAF 0.059	ON K6D2AI_R	12.269	0.074	0.058
PAF 0.093	ON K6D2D_R	29.213	0.118	0.093
PAF 0.070	ON K6D2J_R	18.895	0.088	0.069
PAF 0.081	ON K6D2T_R	21.457	0.102	0.081
PAF -0.147	ON K6D2AC_R	78.255	-0.186	-0.146
PAF 0.115	ON K6D2AK_R	46.193	0.146	0.115
PAF 0.057	ON K6D2C_R	12.231	0.072	0.057
PAF -0.132	ON K6D2N_R	68.203	-0.166	-0.131
PAF -0.186	ON K6D2X_R	106.801	-0.234	-0.185
PAF 0.075	ON K6D2A_R	27.425	0.094	0.074
PAF 0.055	ON K6D2R_R	15.599	0.070	0.055
PAF 0.143	ON K6D2Z_R	102.943	0.180	0.142
PAF 0.099	ON K6D2AB_R	50.694	0.124	0.098
PAF 0.109	ON K6D61C	33.667	0.136	0.108
PAF 0.127	ON K6D61D	60.292	0.159	0.125
PAF 0.145	ON K6D61E	52.191	0.182	0.144
PAF 0.096	ON K6D61K	26.774	0.119	0.094
PAF 0.154	ON K6D61L	63.655	0.194	0.153
PAF -0.060	ON K6D61M	13.101	-0.076	-0.060
PAF 0.137	ON K6F68_R	21.650	0.172	0.136
PAF 0.139	ON K6F74_R	22.993	0.175	0.138
PAF -0.246	ON K6D2B_R	73.525	-0.311	-0.245
PAF 0.128	ON K6D2G_R	12.747	0.162	0.128

PAF 0.134	ON K6D2K_R	23.146	0.170	0.134
PAF 0.144	ON K6D2M_R	25.913	0.182	0.144
PAF -0.274	ON K6D2S_R	102.802	-0.345	-0.272
PAF 0.242	ON K6D2AE_R	81.842	0.307	0.242
PAF 0.111	ON K6D2AF_R	10.976	0.141	0.111
PAF 0.039	ON P5Q3AL	13.198	0.048	0.038
PAF 0.036	ON P5Q3CW	12.299	0.044	0.035
INCBCL -0.175	ON K6B1A_R	189.922	-0.182	-0.175
INCBCL -0.206	ON K6B1B_R	297.323	-0.214	-0.205
INCBCL -0.208	ON K6B1C_R	296.054	-0.216	-0.207
INCBCL -0.244	ON K6B1D_R	300.726	-0.254	-0.243
INCBCL -0.221	ON K5E1A	157.148	-0.231	-0.221
INCBCL -0.158	ON K5E1B	86.406	-0.164	-0.158
INCBCL -0.236	ON K5E1C	180.583	-0.246	-0.236
INCBCL -0.319	ON K5E1D	276.669	-0.332	-0.319
INCBCL 0.717	ON K6D2AG_R	1536.224	0.745	0.714
INCBCL 0.518	ON K6D2AI_R	797.455	0.539	0.517
INCBCL 0.644	ON K6D2D_R	1229.021	0.669	0.642
INCBCL 0.470	ON K6D2J_R	704.555	0.488	0.468
INCBCL 0.685	ON K6D2T_R	1315.808	0.712	0.683
INCBCL 0.916	ON K6D2AC_R	2221.307	0.949	0.910
INCBCL 0.512	ON K6D2AK_R	838.517	0.533	0.511
INCBCL 0.494	ON K6D2C_R	774.420	0.514	0.493
INCBCL 0.843	ON K6D2N_R	1988.557	0.874	0.838
INCBCL 0.956	ON K6D2X_R	2014.698	0.992	0.952

INCBCL 0.433	ON K6D2A_R	1241.600	0.449	0.431
INCBCL 0.423	ON K6D2P_R	1697.484	0.436	0.418
INCBCL 0.434	ON K6D2R_R	1356.672	0.450	0.431
INCBCL 0.447	ON K6D2Z_R	1485.004	0.463	0.444
INCBCL 0.423	ON K6D2AB_R	1378.230	0.437	0.419
INCBCL 0.440	ON K6D2AJ_R	1874.893	0.453	0.434
INCBCL 0.576	ON K6D61C	2683.950	0.590	0.566
INCBCL 0.482	ON K6D61D	1597.472	0.498	0.478
INCBCL 0.654	ON K6D61E	2312.856	0.675	0.647
INCBCL 0.558	ON K6D61K	2549.440	0.572	0.549
INCBCL 0.613	ON K6D61L	1782.411	0.635	0.609
INCBCL 0.537	ON K6D61M	1401.249	0.558	0.535
INCBCL 0.765	ON K6D40_R	2800.709	0.790	0.758
INCBCL 0.620	ON K6D48_R	1875.032	0.642	0.615
INCBCL 0.571	ON K6F63_R	1818.600	0.590	0.566
INCBCL 0.915	ON K6F68_R	3345.072	0.944	0.906
INCBCL 0.898	ON K6F74_R	3201.851	0.927	0.889
INCBCL -0.319	ON K6D2B_R	435.875	-0.331	-0.318
INCBCL -0.272	ON K6D2F_R	347.978	-0.283	-0.271
INCBCL -0.269	ON K6D2G_R	197.854	-0.280	-0.269
INCBCL -0.215	ON K6D2I_R	185.519	-0.223	-0.214
INCBCL -0.244	ON K6D2K_R	261.117	-0.254	-0.243
INCBCL -0.400	ON K6D2L_R	496.501	-0.415	-0.398
INCBCL -0.241	ON K6D2M_R	250.523	-0.251	-0.240
INCBCL -0.255	ON K6D20_R	261.978	-0.265	-0.254

INCBCL -0.280	ON K6D2S_R	407.882	-0.290	-0.278
INCBCL -0.279	ON K6D2V_R	315.524	-0.290	-0.278
INCBCL -0.231	ON K6D2W_R	238.605	-0.240	-0.230
INCBCL -0.290	ON K6D2Y_R	316.315	-0.301	-0.289
INCBCL -0.283	ON K6D2AA_R	358.505	-0.294	-0.282
INCBCL -0.171	ON K6D2AE_R	120.701	-0.178	-0.171
INCBCL -0.308	ON K6D2AF_R	323.171	-0.320	-0.307
INCBCL -0.225	ON K6D2AH_R	184.930	-0.234	-0.224
INCBCL 0.926	ON P5Q3X	15562.028	0.943	0.904
INCBCL 0.721	ON P5Q3AA	15690.238	0.722	0.692
INCBCL 0.927	ON P5Q3AL	16098.758	0.942	0.903
INCBCL 0.806	ON P5Q3AP	16101.343	0.813	0.780
INCBCL 1.101	ON P5Q3BI	12438.684	1.137	1.091
INCBCL 0.890	ON P5Q3BZ	17534.711	0.897	0.860
INCBCL 0.863	ON P5Q3CJ	17306.248	0.869	0.833
INCBCL 0.858	ON P5Q3C	15138.757	0.873	0.837
INCBCL 0.785	ON P5Q30	16867.971	0.787	0.755
INCBCL 0.870	ON P5Q3R	15721.095	0.885	0.849
INCBCL 0.762	ON P5Q3S	16775.484	0.763	0.731
INCBCL 0.747	ON P5Q3T	16735.576	0.746	0.716
INCBCL 0.734	ON P5Q3U	15717.954	0.737	0.707
INCBCL 0.752	ON P5Q3V	15692.065	0.755	0.724
INCBCL 0.817	ON P5Q3AJ	16949.969	0.820	0.787
INCBCL 0.789	ON P5Q3BC	17667.418	0.787	0.755
INCBCL 0.835	ON P5Q3BN	16695.201	0.843	0.809

INCBCL 0.787	ON P5Q3CF	16465.977	0.792	0.760
INCBCL 0.815	ON P5Q3CG	16923.988	0.823	0.789
INCBCL 0.928	ON P5Q3CH	17133.057	0.943	0.905
INCBCL 1.019	ON P5Q3CI	16976.832	1.040	0.998
INCBCL 0.868	ON P5Q3CN	16259.453	0.879	0.843
INCBCL 0.742	ON P5Q3C0	16359.104	0.743	0.712
INCBCL 0.759	ON P5Q3CQ	17750.998	0.754	0.723
INCBCL 0.888	ON P5Q3CW	16102.845	0.901	0.864
EXCBCL -0.098	ON K6B1A_R	109.553	-0.105	-0.098
EXCBCL -0.111	ON K6B1B_R	165.039	-0.119	-0.111
EXCBCL -0.124	ON K6B1C_R	201.423	-0.132	-0.124
EXCBCL -0.142	ON K6B1D_R	193.148	-0.151	-0.142
EXCBCL -0.235	ON K5E1A	314.707	-0.251	-0.235
EXCBCL -0.162	ON K5E1B	161.132	-0.173	-0.162
EXCBCL -0.274	ON K5E1C	440.813	-0.293	-0.274
EXCBCL -0.318	ON K5E1D	485.122	-0.339	-0.318
EXCBCL 0.517	ON K6D2AG_R	1488.111	0.550	0.515
EXCBCL 0.398	ON K6D2AI_R	866.883	0.424	0.397
EXCBCL 0.498	ON K6D2D_R	1330.032	0.531	0.497
EXCBCL 0.395	ON K6D2J_R	928.953	0.421	0.394
EXCBCL 0.519	ON K6D2T_R	1396.145	0.552	0.517
EXCBCL 0.710	ON K6D2AC_R	2549.194	0.754	0.706
EXCBCL 0.490	ON K6D2AK_R	1415.430	0.522	0.489
EXCBCL 0.430	ON K6D2C_R	1083.238	0.458	0.428
EXCBCL 0.638	ON K6D2N_R	2168.103	0.678	0.635

EXCBCL 0.797	ON K6D2X_R	2496.791	0.848	0.793
EXCBCL 0.185	ON K6D2A_R	181.901	0.196	0.184
EXCBCL 0.259	ON K6D2P_R	333.477	0.273	0.256
EXCBCL 0.152	ON K6D2R_R	120.050	0.161	0.150
EXCBCL 0.223	ON K6D2Z_R	254.730	0.236	0.221
EXCBCL 0.230	ON K6D2AB_R	278.269	0.244	0.228
EXCBCL 0.340	ON K6D2AJ_R	550.170	0.359	0.335
EXCBCL 0.801	ON K6D61C	1368.091	0.840	0.786
EXCBCL 0.381	ON K6D61D	558.035	0.403	0.377
EXCBCL 0.620	ON K6D61E	961.462	0.656	0.614
EXCBCL 0.744	ON K6D61K	1241.269	0.781	0.731
EXCBCL 0.445	ON K6D61L	538.949	0.473	0.442
EXCBCL 0.216	ON K6D61M	172.984	0.230	0.215
EXCBCL 0.885	ON K6D40_R	1383.167	0.937	0.876
EXCBCL 0.356	ON K6D48_R	338.345	0.377	0.353
EXCBCL 0.389	ON K6F63_R	469.136	0.412	0.385
EXCBCL 1.821	ON K6F68_R	2386.518	1.926	1.802
EXCBCL 1.390	ON K6F74_R	1829.281	1.471	1.376
EXCBCL -0.188	ON K6D2B_R	367.586	-0.200	-0.187
EXCBCL -0.170	ON K6D2F_R	303.615	-0.182	-0.170
EXCBCL -0.193	ON K6D2G_R	212.945	-0.206	-0.193
EXCBCL -0.171	ON K6D2I_R	254.491	-0.182	-0.170
EXCBCL -0.162	ON K6D2K_R	246.150	-0.173	-0.161
EXCBCL -0.234	ON K6D2L_R	416.413	-0.249	-0.233
EXCBCL -0.160	ON K6D2M_R	243.147	-0.171	-0.160

EXCBCL -0.163	ON K6D20_R	232.496	-0.173	-0.162
EXCBCL -0.163	ON K6D2S_R	352.618	-0.174	-0.162
EXCBCL -0.192	ON K6D2V_R	330.803	-0.205	-0.192
EXCBCL -0.154	ON K6D2W_R	243.929	-0.164	-0.153
EXCBCL -0.170	ON K6D2Y_R	250.909	-0.181	-0.169
EXCBCL -0.152	ON K6D2AA_R	241.912	-0.161	-0.151
EXCBCL -0.111	ON K6D2AE_R	108.408	-0.119	-0.111
EXCBCL -0.201	ON K6D2AF_R	318.722	-0.214	-0.201
EXCBCL -0.165	ON K6D2AH_R	211.575	-0.176	-0.164
EXCBCL 0.875	ON P5Q3M	15120.581	0.925	0.865
EXCBCL 0.838	ON P5Q3AB	11926.868	0.888	0.831
EXCBCL 0.810	ON P5Q3AD	15088.382	0.852	0.797
EXCBCL 0.773	ON P5Q3AF	16300.590	0.810	0.758
EXCBCL 0.738	ON P5Q3AH	17209.863	0.769	0.719
EXCBCL 0.852	ON P5Q3AR	15608.476	0.897	0.839
EXCBCL 0.731	ON P5Q3AV	15980.686	0.764	0.715
EXCBCL 0.739	ON P5Q3AX	16744.432	0.770	0.721
EXCBCL 0.761	ON P5Q3BQ	13778.111	0.802	0.750
EXCBCL 0.798	ON P5Q3CK	17907.521	0.832	0.779
EXCBCL 0.773	ON P5Q3DB	13683.370	0.815	0.763
EXCBCL 0.971	ON P5Q3E	13056.602	1.030	0.964
EXCBCL 0.823	ON P5Q3A0	14681.525	0.867	0.811
EXCBCL 0.835	ON P5Q3BK	15676.312	0.879	0.822
EXCBCL 0.831	ON P5Q3B0	14892.247	0.876	0.820
EXCBCL 0.834	ON P5Q3CU	15868.460	0.876	0.820

EXCBCL 0.767	ON P5Q3DA	16227.425	0.803	0.751
EXCBCL 0.814	ON P5Q3AS	13983.527	0.859	0.804
EXCBCL 0.935	ON P5Q3AU	14993.530	0.987	0.924
EXCBCL 0.761	ON P5Q3AZ	16642.721	0.794	0.743
EXCBCL 0.777	ON P5Q3BB1	15701.646	0.814	0.761
EXCBCL 0.821	ON P5Q3BB2	13752.877	0.865	0.810
EXCBCL 0.963	ON P5Q3BB5	12711.452	1.021	0.955
EXCBCL 0.739	ON P5Q3BB6	15271.241	0.773	0.723
EXCBCL 0.851	ON P5Q3BB7	16007.468	0.893	0.836
K6B1A_R 0.086	ON K6D2A_R	11.855	0.086	0.086
K6B1A_R 0.074	ON K6D2P_R	12.861	0.073	0.073
K6B1A_R 0.086	ON K6D2Z_R	13.773	0.085	0.085
K6B1A_R 0.090	ON K6D2AB_R	15.464	0.089	0.089
K6B1A_R 0.069	ON K6D2AJ_R	11.750	0.068	0.068
K6B1A_R 0.072	ON K6D61C	10.757	0.071	0.071
K6B1A_R 0.074	ON K6D61K	11.416	0.073	0.073
K6B1A_R 0.098	ON K6D61L	11.364	0.097	0.097
K6B1A_R 0.108	ON K6F68_R	12.118	0.107	0.107
K6B1A_R 0.112	ON K6F74_R	12.567	0.111	0.111
K6B1A_R 0.153	ON K6D2G_R	20.740	0.153	0.153
K6B1C_R -0.101	ON K6D40_R	10.845	-0.101	-0.101
K6B1C_R -0.109	ON K6F63_R	15.408	-0.109	-0.109
K5E1A 0.464	ON K5E1B	268.812	0.464	0.464
K5E1A 0.470	ON K5E1C	264.396	0.470	0.470
K5E1A 0.430	ON K5E1D	168.627	0.430	0.430

K5E1A -0.097	ON P5Q3X	22.338	-0.095	-0.095
K5E1A -0.078	ON P5Q3AA	24.049	-0.075	-0.075
K5E1A -0.098	ON P5Q3AL	22.332	-0.096	-0.096
K5E1A -0.088	ON P5Q3AP	24.745	-0.085	-0.085
K5E1A -0.112	ON P5Q3BI	18.278	-0.111	-0.111
K5E1A -0.091	ON P5Q3BZ	22.532	-0.088	-0.088
K5E1A -0.087	ON P5Q3CJ	21.115	-0.084	-0.084
K5E1A -0.087	ON P5Q3C	20.945	-0.085	-0.085
K5E1A -0.081	ON P5Q30	22.693	-0.078	-0.078
K5E1A -0.084	ON P5Q3R	19.237	-0.082	-0.082
K5E1A -0.078	ON P5Q3S	22.154	-0.075	-0.075
K5E1A -0.079	ON P5Q3T	23.482	-0.076	-0.076
K5E1A -0.078	ON P5Q3U	23.354	-0.075	-0.075
K5E1A -0.088	ON P5Q3V	28.184	-0.085	-0.085
K5E1A -0.084	ON P5Q3AJ	22.413	-0.081	-0.081
K5E1A -0.079	ON P5Q3BC	21.586	-0.076	-0.076
K5E1A -0.084	ON P5Q3BN	20.677	-0.081	-0.081
K5E1A -0.083	ON P5Q3CF	23.095	-0.080	-0.080
K5E1A -0.078	ON P5Q3CG	19.396	-0.076	-0.076
K5E1A -0.096	ON P5Q3CH	22.238	-0.094	-0.094
K5E1A -0.103	ON P5Q3CI	21.174	-0.101	-0.101
K5E1A -0.091	ON P5Q3CN	22.845	-0.088	-0.088
K5E1A -0.072	ON P5Q3C0	19.535	-0.069	-0.069
K5E1A -0.076	ON P5Q3CQ	21.978	-0.073	-0.073
K5E1A -0.081	ON P5Q3CW	16.838	-0.078	-0.078

K5E1B 0.464	ON K5E1A	268.812	0.464	0.464
K5E1B 0.429	ON K5E1C	208.522	0.429	0.429
K5E1B 0.374	ON K5E1D	115.889	0.374	0.374
K5E1B 0.131	ON K6D2N_R	10.582	0.131	0.131
K5E1B -0.050	ON P5Q3AA	10.757	-0.048	-0.048
K5E1B -0.057	ON P5Q3AP	11.168	-0.055	-0.055
K5E1B -0.059	ON P5Q3CJ	10.664	-0.057	-0.057
K5E1B -0.057	ON P5Q30	11.875	-0.055	-0.055
K5E1B -0.053	ON P5Q3S	11.089	-0.051	-0.051
K5E1B -0.053	ON P5Q3T	11.549	-0.051	-0.051
K5E1B -0.052	ON P5Q3U	11.275	-0.050	-0.050
K5E1B -0.056	ON P5Q3V	12.428	-0.054	-0.054
K5E1B -0.059	ON P5Q3AJ	11.703	-0.057	-0.057
K5E1B -0.052	ON P5Q3BC	10.142	-0.050	-0.050
K5E1B -0.054	ON P5Q3CF	10.687	-0.052	-0.052
K5E1B -0.071	ON P5Q3CI	11.019	-0.070	-0.070
K5E1B -0.063	ON P5Q3CN	11.759	-0.061	-0.061
K5E1B -0.050	ON P5Q3CQ	10.307	-0.048	-0.048
K5E1C 0.470	ON K5E1A	264.397	0.470	0.470
K5E1C 0.429	ON K5E1B	208.522	0.429	0.429
K5E1C 0.528	ON K5E1D	311.630	0.528	0.528
K5E1C 0.140	ON K6D2AG_R	11.800	0.140	0.140
K5E1C 0.144	ON K6D2AI_R	12.495	0.144	0.144
K5E1C 0.141	ON K6D2D_R	11.600	0.140	0.140
K5E1C 0.158	ON K6D2T_R	13.998	0.158	0.158

K5E1C 0.137	ON K6D2C_R	12.531	0.137	0.137
K5E1C 0.164	ON K6D2N_R	14.872	0.163	0.163
K5E1C -0.139	ON P5Q3X	47.818	-0.136	-0.136
K5E1C -0.126	ON P5Q3AA	64.820	-0.121	-0.121
K5E1C -0.152	ON P5Q3AL	55.330	-0.148	-0.148
K5E1C -0.136	ON P5Q3AP	60.910	-0.132	-0.132
K5E1C -0.167	ON P5Q3BI	42.018	-0.166	-0.166
K5E1C -0.139	ON P5Q3BZ	53.773	-0.135	-0.135
K5E1C -0.138	ON P5Q3CJ	54.702	-0.133	-0.133
K5E1C -0.140	ON P5Q3C	56.186	-0.137	-0.137
K5E1C -0.127	ON P5Q3O	57.749	-0.122	-0.122
K5E1C -0.134	ON P5Q3R	49.318	-0.130	-0.130
K5E1C -0.122	ON P5Q3S	55.261	-0.117	-0.117
K5E1C -0.118	ON P5Q3T	53.309	-0.113	-0.113
K5E1C -0.120	ON P5Q3U	56.783	-0.116	-0.116
K5E1C -0.131	ON P5Q3V	65.355	-0.126	-0.126
K5E1C -0.134	ON P5Q3AJ	58.757	-0.129	-0.129
K5E1C -0.127	ON P5Q3BC	56.120	-0.121	-0.121
K5E1C -0.128	ON P5Q3BN	49.588	-0.124	-0.124
K5E1C -0.127	ON P5Q3CF	56.102	-0.123	-0.123
K5E1C -0.125	ON P5Q3CG	50.777	-0.121	-0.121
K5E1C -0.151	ON P5Q3CH	55.902	-0.147	-0.147
K5E1C -0.152	ON P5Q3CI	46.451	-0.148	-0.148
K5E1C -0.138	ON P5Q3CN	53.898	-0.134	-0.134
K5E1C -0.115	ON P5Q3C0	51.957	-0.111	-0.111

K5E1C -0.121	ON P5Q3CQ	55.747	-0.115	-0.115
K5E1C -0.135	ON P5Q3CW	48.567	-0.131	-0.131
K5E1D 0.430	ON K5E1A	168.627	0.430	0.430
K5E1D 0.374	ON K5E1B	115.889	0.374	0.374
K5E1D 0.528	ON K5E1C	311.630	0.528	0.528
K5E1D 0.149	ON K6D2N_R	10.648	0.149	0.149
K5E1D -0.117	ON P5Q3M	15.643	-0.116	-0.116
K5E1D -0.097	ON P5Q3AB	10.633	-0.096	-0.096
K5E1D -0.110	ON P5Q3AD	17.101	-0.108	-0.108
K5E1D -0.098	ON P5Q3AF	15.575	-0.096	-0.096
K5E1D -0.099	ON P5Q3AH	18.080	-0.096	-0.096
K5E1D -0.109	ON P5Q3AR	15.249	-0.107	-0.107
K5E1D -0.096	ON P5Q3AV	16.570	-0.094	-0.094
K5E1D -0.097	ON P5Q3AX	16.728	-0.095	-0.095
K5E1D -0.095	ON P5Q3BQ	14.050	-0.094	-0.094
K5E1D -0.109	ON P5Q3CK	19.388	-0.107	-0.107
K5E1D -0.088	ON P5Q3DB	11.690	-0.086	-0.086
K5E1D -0.141	ON P5Q3E	17.886	-0.140	-0.140
K5E1D -0.124	ON P5Q3A0	21.342	-0.123	-0.123
K5E1D -0.114	ON P5Q3BK	17.605	-0.112	-0.112
K5E1D -0.131	ON P5Q3B0	23.008	-0.129	-0.129
K5E1D -0.118	ON P5Q3CU	19.783	-0.116	-0.116
K5E1D -0.107	ON P5Q3DA	18.732	-0.105	-0.105
K5E1D -0.112	ON P5Q3AS	16.635	-0.111	-0.111
K5E1D -0.127	ON P5Q3AU	16.827	-0.126	-0.126

K5E1D -0.110	ON P5Q3AZ	21.013	-0.107	-0.107
K5E1D -0.116	ON P5Q3BB1	21.683	-0.113	-0.113
K5E1D -0.115	ON P5Q3BB2	17.328	-0.113	-0.113
K5E1D -0.140	ON P5Q3BB5	17.473	-0.139	-0.139
K5E1D -0.095	ON P5Q3BB6	15.737	-0.093	-0.093
K5E1D -0.106	ON P5Q3BB7	14.780	-0.104	-0.104
K5E1D -0.151	ON P5Q3X	45.868	-0.148	-0.148
K5E1D -0.115	ON P5Q3AA	43.882	-0.110	-0.110
K5E1D -0.152	ON P5Q3AL	45.384	-0.148	-0.148
K5E1D -0.134	ON P5Q3AP	48.028	-0.130	-0.130
K5E1D -0.168	ON P5Q3BI	33.586	-0.166	-0.166
K5E1D -0.149	ON P5Q3BZ	50.520	-0.144	-0.144
K5E1D -0.141	ON P5Q3CJ	47.282	-0.137	-0.137
K5E1D -0.131	ON P5Q3C	39.381	-0.128	-0.128
K5E1D -0.124	ON P5Q3O	44.676	-0.120	-0.120
K5E1D -0.134	ON P5Q3R	40.723	-0.131	-0.131
K5E1D -0.125	ON P5Q3S	47.631	-0.120	-0.120
K5E1D -0.121	ON P5Q3T	45.971	-0.116	-0.116
K5E1D -0.112	ON P5Q3U	39.849	-0.107	-0.107
K5E1D -0.127	ON P5Q3V	49.643	-0.122	-0.122
K5E1D -0.137	ON P5Q3AJ	49.615	-0.132	-0.132
K5E1D -0.128	ON P5Q3BC	46.023	-0.122	-0.122
K5E1D -0.133	ON P5Q3BN	43.759	-0.129	-0.129
K5E1D -0.125	ON P5Q3CF	44.208	-0.121	-0.121
K5E1D -0.134	ON P5Q3CG	48.168	-0.130	-0.130

K5E1D	ON	P5Q3CH	44.392	-0.145	-0.145
-0.148					
K5E1D	ON	P5Q3CI	47.780	-0.165	-0.165
-0.168					
K5E1D	ON	P5Q3CN	43.618	-0.133	-0.133
-0.137					
K5E1D	ON	P5Q3C0	44.624	-0.114	-0.114
-0.118					
K5E1D	ON	P5Q3CQ	46.579	-0.117	-0.117
-0.123					
K5E1D	ON	P5Q3CW	44.881	-0.139	-0.139
-0.143					
K6D2AG_R	ON	K6D2AI_R	17.606	0.113	0.113
0.112					
K6D2AG_R	ON	K6D2T_R	44.950	0.171	0.171
0.171					
K6D2AG_R	ON	K6D61C	14.316	-0.084	-0.084
-0.085					
K6D2AG_R	ON	K6D61D	17.116	-0.101	-0.101
-0.102					
K6D2AG_R	ON	K6D61E	17.767	-0.116	-0.116
-0.117					
K6D2AG_R	ON	K6D61K	16.042	-0.089	-0.089
-0.090					
K6D2AG_R	ON	K6D61L	15.866	-0.116	-0.116
-0.117					
K6D2AG_R	ON	K6F63_R	10.584	-0.087	-0.087
-0.088					
K6D2AG_R	ON	P5Q3X	10.305	-0.067	-0.067
-0.069					
K6D2AG_R	ON	P5Q3AA	16.586	-0.066	-0.066
-0.068					
K6D2AG_R	ON	P5Q3AL	18.812	-0.093	-0.093
-0.095					
K6D2AG_R	ON	P5Q3AP	14.465	-0.069	-0.069
-0.071					
K6D2AG_R	ON	P5Q3BI	10.136	-0.087	-0.087
-0.087					
K6D2AG_R	ON	P5Q3BZ	13.014	-0.071	-0.071
-0.073					
K6D2AG_R	ON	P5Q3CJ	13.426	-0.071	-0.071
-0.073					
K6D2AG_R	ON	P5Q3C	10.319	-0.063	-0.063
-0.064					
K6D2AG_R	ON	P5Q30	15.865	-0.069	-0.069
-0.072					
K6D2AG_R	ON	P5Q3R	11.691	-0.067	-0.067
-0.069					
K6D2AG_R	ON	P5Q3S	16.234	-0.068	-0.068
-0.070					

K6D2AG_R ON P5Q3T -0.070	16.409	-0.067	-0.067
K6D2AG_R ON P5Q3U -0.071	16.980	-0.068	-0.068
K6D2AG_R ON P5Q3V -0.078	19.409	-0.075	-0.075
K6D2AG_R ON P5Q3AJ -0.083	19.471	-0.081	-0.081
K6D2AG_R ON P5Q3BC -0.069	14.579	-0.066	-0.066
K6D2AG_R ON P5Q3BN -0.067	11.954	-0.065	-0.065
K6D2AG_R ON P5Q3CF -0.066	13.251	-0.064	-0.064
K6D2AG_R ON P5Q3CG -0.064	11.981	-0.062	-0.062
K6D2AG_R ON P5Q3CH -0.075	12.142	-0.073	-0.073
K6D2AG_R ON P5Q3CI -0.090	14.084	-0.088	-0.088
K6D2AG_R ON P5Q3CN -0.072	13.003	-0.070	-0.070
K6D2AG_R ON P5Q3C0 -0.063	13.787	-0.061	-0.061
K6D2AG_R ON P5Q3CQ -0.069	15.884	-0.066	-0.066
K6D2AG_R ON P5Q3CW -0.065	10.055	-0.064	-0.064
K6D2AI_R ON K5E1C 0.132	10.432	0.132	0.132
K6D2AI_R ON K6D2AG_R 0.113	17.606	0.113	0.113
K6D2AI_R ON K6D2T_R 0.104	12.131	0.104	0.104
K6D2AI_R ON K6D2I_R 0.105	14.976	0.105	0.105
K6D2AI_R ON K6D2K_R 0.081	10.037	0.080	0.080
K6D2AI_R ON K6D2M_R 0.109	18.265	0.109	0.109
K6D2AI_R ON K6D2V_R 0.086	10.698	0.086	0.086
K6D2D_R ON K6D2T_R 0.158	31.333	0.158	0.158
K6D2D_R ON K6D2C_R 0.128	21.159	0.129	0.129
K6D2D_R ON K6D2A_R 0.076	10.155	0.076	0.076
K6D2D_R ON K6D2R_R 0.080	12.245	0.080	0.080

K6D2D_R 0.078	ON K6D2B_R	11.030	0.077	0.077
K6D2D_R 0.099	ON K6D2F_R	16.761	0.099	0.099
K6D2D_R 0.151	ON K6D2G_R	18.276	0.152	0.152
K6D2D_R 0.141	ON K6D2I_R	25.159	0.141	0.141
K6D2D_R 0.137	ON K6D2K_R	26.918	0.137	0.137
K6D2D_R 0.109	ON K6D2L_R	15.618	0.109	0.109
K6D2D_R 0.123	ON K6D2M_R	22.073	0.123	0.123
K6D2D_R 0.081	ON K6D2S_R	15.189	0.080	0.080
K6D2D_R 0.135	ON K6D2V_R	24.763	0.135	0.135
K6D2D_R 0.113	ON K6D2W_R	20.727	0.112	0.112
K6D2D_R 0.098	ON K6D2Y_R	13.523	0.098	0.098
K6D2D_R 0.107	ON K6D2AA_R	19.074	0.107	0.107
K6D2D_R 0.132	ON K6D2AE_R	22.152	0.132	0.132
K6D2D_R 0.128	ON K6D2AF_R	19.797	0.128	0.128
K6D2D_R 0.119	ON K6D2AH_R	16.134	0.119	0.119
K6D2J_R 0.097	ON K6D2C_R	13.470	0.097	0.097
K6D2J_R 0.085	ON K6D2A_R	15.267	0.084	0.084
K6D2J_R 0.066	ON K6D2P_R	13.746	0.065	0.065
K6D2J_R 0.095	ON K6D2R_R	21.690	0.094	0.094
K6D2J_R 0.077	ON K6D2Z_R	15.148	0.077	0.077
K6D2J_R 0.067	ON K6D2AB_R	11.186	0.067	0.067
K6D2J_R 0.131	ON K6D2G_R	15.599	0.131	0.131
K6D2J_R 0.127	ON K6D2I_R	25.569	0.127	0.127
K6D2J_R 0.119	ON K6D2K_R	23.970	0.119	0.119
K6D2J_R 0.097	ON K6D2L_R	13.344	0.097	0.097

K6D2J_R	ON	K6D2M_R	18.862	0.105	0.105
0.105					
K6D2J_R	ON	K6D2V_R	22.838	0.121	0.121
0.122					
K6D2J_R	ON	K6D2W_R	10.073	0.073	0.073
0.073					
K6D2J_R	ON	K6D2AE_R	15.596	0.099	0.099
0.099					
K6D2J_R	ON	K6D2AF_R	10.959	0.089	0.089
0.089					
K6D2T_R	ON	K5E1C	11.184	0.142	0.142
0.142					
K6D2T_R	ON	K6D2AG_R	44.949	0.171	0.171
0.172					
K6D2T_R	ON	K6D2AI_R	12.131	0.104	0.104
0.104					
K6D2T_R	ON	K6D2D_R	31.333	0.158	0.158
0.158					
K6D2T_R	ON	K6D2R_R	11.495	0.078	0.078
0.078					
K6D2T_R	ON	K6D2F_R	13.294	0.090	0.090
0.090					
K6D2T_R	ON	K6D2G_R	16.993	0.152	0.152
0.151					
K6D2T_R	ON	K6D2I_R	17.818	0.120	0.120
0.120					
K6D2T_R	ON	K6D2L_R	15.970	0.113	0.113
0.113					
K6D2T_R	ON	K6D2M_R	11.816	0.090	0.090
0.090					
K6D2T_R	ON	K6D2S_R	16.347	0.085	0.085
0.086					
K6D2T_R	ON	K6D2V_R	11.127	0.090	0.090
0.090					
K6D2T_R	ON	K6D2W_R	11.227	0.083	0.083
0.083					
K6D2T_R	ON	K6D2Y_R	12.661	0.097	0.097
0.097					
K6D2T_R	ON	K6D2AA_R	12.172	0.086	0.086
0.086					
K6D2T_R	ON	K6D2AE_R	19.496	0.127	0.127
0.127					
K6D2T_R	ON	K6D2AF_R	17.759	0.123	0.123
0.123					
K6D2T_R	ON	K6D2AH_R	12.576	0.107	0.107
0.107					
K6D2AC_R	ON	K6B1A_R	23.443	-0.119	-0.119
-0.119					
K6D2AC_R	ON	K6B1B_R	19.747	-0.101	-0.101
-0.101					

K6D2AC_R ON K6B1C_R -0.112	23.704	-0.113	-0.113
K6D2AC_R ON K6B1D_R -0.129	22.339	-0.129	-0.129
K6D2AC_R ON K6D2AK_R -0.118	11.248	-0.118	-0.118
K6D2AC_R ON K6D2B_R -0.178	73.806	-0.179	-0.179
K6D2AC_R ON K6D2F_R -0.156	46.277	-0.156	-0.156
K6D2AC_R ON K6D2G_R -0.171	23.522	-0.171	-0.171
K6D2AC_R ON K6D2I_R -0.108	14.729	-0.108	-0.108
K6D2AC_R ON K6D2K_R -0.118	20.280	-0.118	-0.118
K6D2AC_R ON K6D2L_R -0.191	54.181	-0.191	-0.191
K6D2AC_R ON K6D2M_R -0.106	16.150	-0.106	-0.106
K6D2AC_R ON K6D2O_R -0.144	30.831	-0.144	-0.144
K6D2AC_R ON K6D2S_R -0.172	105.479	-0.172	-0.172
K6D2AC_R ON K6D2V_R -0.125	21.421	-0.125	-0.125
K6D2AC_R ON K6D2W_R -0.135	31.361	-0.135	-0.135
K6D2AC_R ON K6D2Y_R -0.172	44.115	-0.172	-0.172
K6D2AC_R ON K6D2AA_R -0.163	53.774	-0.163	-0.163
K6D2AC_R ON K6D2AE_R -0.101	13.150	-0.102	-0.102
K6D2AC_R ON K6D2AF_R -0.159	31.528	-0.159	-0.159
K6D2AC_R ON K6D2AH_R -0.133	21.227	-0.134	-0.134
K6D2AK_R ON K6D2AC_R -0.119	11.246	-0.118	-0.118
K6D2AK_R ON K6D2A_R 0.266	135.424	0.266	0.266
K6D2AK_R ON K6D2P_R 0.237	171.583	0.234	0.234
K6D2AK_R ON K6D2R_R 0.270	164.476	0.269	0.269
K6D2AK_R ON K6D2Z_R 0.258	157.429	0.257	0.257
K6D2AK_R ON K6D2AB_R 0.261	164.630	0.260	0.260

K6D2AK_R ON K6D2AJ_R 0.262	252.126	0.259	0.259
K6D2AK_R ON K6D61C 0.265	160.434	0.261	0.261
K6D2AK_R ON K6D61D 0.262	128.277	0.260	0.260
K6D2AK_R ON K6D61E 0.314	147.610	0.311	0.311
K6D2AK_R ON K6D61K 0.264	157.679	0.260	0.260
K6D2AK_R ON K6D61L 0.325	138.072	0.324	0.324
K6D2AK_R ON K6D61M 0.301	121.480	0.300	0.300
K6D2AK_R ON K6D40_R 0.358	165.355	0.355	0.355
K6D2AK_R ON K6D48_R 0.311	128.405	0.309	0.309
K6D2AK_R ON K6F63_R 0.286	124.322	0.284	0.284
K6D2AK_R ON K6F68_R 0.426	205.238	0.423	0.423
K6D2AK_R ON K6F74_R 0.427	198.723	0.424	0.424
K6D2AK_R ON K6D2B_R 0.122	26.574	0.122	0.122
K6D2AK_R ON K6D2F_R 0.140	34.056	0.140	0.140
K6D2AK_R ON K6D2G_R 0.169	24.248	0.170	0.170
K6D2AK_R ON K6D2K_R 0.103	17.317	0.103	0.103
K6D2AK_R ON K6D2L_R 0.156	30.550	0.155	0.155
K6D2AK_R ON K6D2M_R 0.118	21.848	0.118	0.118
K6D2AK_R ON K6D2O_R 0.124	22.801	0.124	0.124
K6D2AK_R ON K6D2S_R 0.115	30.732	0.114	0.114
K6D2AK_R ON K6D2V_R 0.114	18.949	0.114	0.114
K6D2AK_R ON K6D2W_R 0.120	24.513	0.120	0.120
K6D2AK_R ON K6D2Y_R 0.132	24.643	0.132	0.132
K6D2AK_R ON K6D2AA_R 0.150	38.313	0.150	0.150
K6D2AK_R ON K6D2AE_R 0.140	27.917	0.141	0.141

K6D2AK_R ON K6D2AF_R 0.152	29.133	0.152	0.152
K6D2AK_R ON K6D2AH_R 0.126	20.028	0.126	0.126
K6D2AK_R ON P5Q3X 0.145	50.712	0.142	0.142
K6D2AK_R ON P5Q3AA 0.115	52.441	0.111	0.111
K6D2AK_R ON P5Q3AL 0.153	54.160	0.150	0.150
K6D2AK_R ON P5Q3AP 0.126	50.530	0.122	0.122
K6D2AK_R ON P5Q3BI 0.148	32.276	0.147	0.147
K6D2AK_R ON P5Q3BZ 0.152	61.970	0.147	0.147
K6D2AK_R ON P5Q3CJ 0.145	58.844	0.140	0.140
K6D2AK_R ON P5Q3C 0.131	47.509	0.128	0.128
K6D2AK_R ON P5Q3O 0.129	55.991	0.124	0.124
K6D2AK_R ON P5Q3R 0.131	47.258	0.128	0.128
K6D2AK_R ON P5Q3S 0.126	58.298	0.121	0.121
K6D2AK_R ON P5Q3T 0.121	54.672	0.116	0.116
K6D2AK_R ON P5Q3U 0.113	48.170	0.109	0.109
K6D2AK_R ON P5Q3V 0.124	55.315	0.120	0.120
K6D2AK_R ON P5Q3AJ 0.135	56.782	0.130	0.130
K6D2AK_R ON P5Q3BC 0.133	59.178	0.127	0.127
K6D2AK_R ON P5Q3BN 0.124	45.830	0.120	0.120
K6D2AK_R ON P5Q3CF 0.118	46.563	0.114	0.114
K6D2AK_R ON P5Q3CG 0.122	47.366	0.119	0.119
K6D2AK_R ON P5Q3CH 0.150	53.272	0.146	0.146
K6D2AK_R ON P5Q3CI 0.163	51.202	0.160	0.160
K6D2AK_R ON P5Q3CN 0.135	50.504	0.131	0.131
K6D2AK_R ON P5Q3CO 0.116	51.466	0.112	0.112

K6D2AK_R ON P5Q3CQ 0.126	59.319	0.121	0.121
K6D2AK_R ON P5Q3CW 0.138	50.399	0.135	0.135
K6D2C_R ON K5E1C 0.124	10.209	0.124	0.124
K6D2C_R ON K6D2D_R 0.129	21.159	0.129	0.129
K6D2C_R ON K6D2J_R 0.097	13.471	0.097	0.097
K6D2C_R ON K6D2A_R 0.145	45.472	0.145	0.145
K6D2C_R ON K6D2P_R 0.091	25.042	0.090	0.090
K6D2C_R ON K6D2R_R 0.151	54.860	0.150	0.150
K6D2C_R ON K6D2Z_R 0.126	38.232	0.125	0.125
K6D2C_R ON K6D2AB_R 0.094	20.425	0.093	0.093
K6D2C_R ON K6D2AJ_R 0.078	18.133	0.077	0.077
K6D2C_R ON K6D61C 0.078	13.271	0.077	0.077
K6D2C_R ON K6D61K 0.076	12.518	0.075	0.075
K6D2C_R ON K6D61L 0.095	11.968	0.095	0.095
K6D2C_R ON K6D40_R 0.101	12.618	0.100	0.100
K6D2C_R ON K6D48_R 0.088	10.147	0.087	0.087
K6D2C_R ON K6F68_R 0.139	21.303	0.138	0.138
K6D2C_R ON K6F74_R 0.142	21.519	0.141	0.141
K6D2C_R ON K6D2I_R 0.124	22.645	0.124	0.124
K6D2C_R ON K6D2K_R 0.115	21.332	0.115	0.115
K6D2C_R ON K6D2M_R 0.112	20.306	0.112	0.112
K6D2C_R ON K6D2V_R 0.085	10.908	0.085	0.085
K6D2C_R ON K6D2AE_R 0.087	11.410	0.087	0.087
K6D2N_R ON K5E1C 0.139	10.555	0.139	0.139
K6D2N_R ON K6D2Z_R -0.074	10.125	-0.074	-0.074

K6D2N_R -0.063	ON K6D2AJ_R	10.122	-0.063	-0.063
K6D2N_R -0.117	ON K6D61C	26.455	-0.115	-0.115
K6D2N_R -0.127	ON K6D61D	25.660	-0.126	-0.126
K6D2N_R -0.150	ON K6D61E	27.865	-0.149	-0.149
K6D2N_R -0.122	ON K6D61K	28.375	-0.121	-0.121
K6D2N_R -0.150	ON K6D61L	25.440	-0.149	-0.149
K6D2N_R -0.121	ON K6D40_R	16.452	-0.121	-0.121
K6D2N_R -0.093	ON K6D48_R	10.312	-0.093	-0.093
K6D2N_R -0.112	ON K6F63_R	16.809	-0.112	-0.112
K6D2N_R -0.134	ON K6F68_R	17.197	-0.133	-0.133
K6D2N_R -0.132	ON K6F74_R	15.816	-0.131	-0.131
K6D2N_R -0.162	ON K6D2B_R	64.823	-0.162	-0.162
K6D2N_R -0.128	ON K6D2F_R	34.204	-0.129	-0.129
K6D2N_R -0.144	ON K6D2G_R	18.385	-0.145	-0.145
K6D2N_R -0.087	ON K6D2I_R	10.488	-0.087	-0.087
K6D2N_R -0.106	ON K6D2K_R	18.093	-0.106	-0.106
K6D2N_R -0.174	ON K6D2L_R	50.053	-0.175	-0.175
K6D2N_R -0.103	ON K6D2M_R	17.567	-0.103	-0.103
K6D2N_R -0.132	ON K6D2O_R	30.813	-0.132	-0.132
K6D2N_R -0.158	ON K6D2S_R	90.779	-0.158	-0.158
K6D2N_R -0.111	ON K6D2V_R	19.249	-0.112	-0.112
K6D2N_R -0.131	ON K6D2W_R	33.064	-0.131	-0.131
K6D2N_R -0.152	ON K6D2Y_R	37.479	-0.152	-0.152
K6D2N_R -0.145	ON K6D2AA_R	46.089	-0.146	-0.146
K6D2N_R -0.101	ON K6D2AE_R	14.977	-0.102	-0.102

K6D2N_R -0.139	ON K6D2AF_R	26.656	-0.139	-0.139
K6D2N_R -0.109	ON K6D2AH_R	15.812	-0.109	-0.109
K6D2X_R -0.116	ON K6B1A_R	16.240	-0.116	-0.116
K6D2X_R -0.112	ON K6B1B_R	18.868	-0.112	-0.112
K6D2X_R -0.115	ON K6B1C_R	19.322	-0.115	-0.115
K6D2X_R -0.145	ON K6B1D_R	21.630	-0.146	-0.146
K6D2X_R -0.236	ON K6D2B_R	129.294	-0.236	-0.236
K6D2X_R -0.177	ON K6D2F_R	45.042	-0.177	-0.177
K6D2X_R -0.254	ON K6D2G_R	40.046	-0.255	-0.255
K6D2X_R -0.149	ON K6D2I_R	21.804	-0.149	-0.149
K6D2X_R -0.165	ON K6D2K_R	30.957	-0.165	-0.165
K6D2X_R -0.251	ON K6D2L_R	83.790	-0.251	-0.251
K6D2X_R -0.154	ON K6D2M_R	28.155	-0.154	-0.154
K6D2X_R -0.236	ON K6D2O_R	71.504	-0.237	-0.237
K6D2X_R -0.170	ON K6D2S_R	81.630	-0.170	-0.170
K6D2X_R -0.200	ON K6D2V_R	46.139	-0.201	-0.201
K6D2X_R -0.185	ON K6D2W_R	52.204	-0.185	-0.185
K6D2X_R -0.220	ON K6D2Y_R	61.925	-0.220	-0.220
K6D2X_R -0.189	ON K6D2AA_R	60.869	-0.189	-0.189
K6D2X_R -0.164	ON K6D2AE_R	26.315	-0.165	-0.165
K6D2X_R -0.240	ON K6D2AF_R	63.403	-0.241	-0.241
K6D2X_R -0.208	ON K6D2AH_R	41.047	-0.208	-0.208
K6D2A_R 0.091	ON K6D2D_R	21.955	0.092	0.092
K6D2A_R 0.082	ON K6D2J_R	17.655	0.082	0.082
K6D2A_R 0.067	ON K6D2T_R	11.781	0.067	0.067

K6D2A_R	ON	K6D2AK_R	26.111	0.107	0.107
0.107					
K6D2A_R	ON	K6D2C_R	33.701	0.110	0.110
0.110					
K6D2A_R	ON	K6D2P_R	11.683	0.091	0.091
0.091					
K6D2A_R	ON	K6D2R_R	12.678	0.096	0.096
0.096					
K6D2A_R	ON	K6D2Z_R	23.793	0.126	0.126
0.126					
K6D2A_R	ON	K6D61C	18.227	-0.249	-0.249
-0.252					
K6D2A_R	ON	K6D61K	20.434	-0.252	-0.252
-0.255					
K6D2A_R	ON	K6D40_R	16.211	-0.255	-0.255
-0.256					
K6D2A_R	ON	K6D48_R	13.432	-0.173	-0.173
-0.173					
K6D2A_R	ON	K6F63_R	17.262	-0.184	-0.184
-0.185					
K6D2P_R	ON	K6D2AG_R	15.450	0.069	0.069
0.068					
K6D2P_R	ON	K6D2AI_R	17.216	0.088	0.088
0.087					
K6D2P_R	ON	K6D2D_R	23.347	0.096	0.096
0.095					
K6D2P_R	ON	K6D2J_R	28.026	0.102	0.102
0.101					
K6D2P_R	ON	K6D2T_R	26.868	0.100	0.100
0.099					
K6D2P_R	ON	K6D2AC_R	16.558	0.067	0.067
0.067					
K6D2P_R	ON	K6D2AK_R	54.477	0.149	0.149
0.147					
K6D2P_R	ON	K6D2C_R	29.225	0.105	0.105
0.104					
K6D2P_R	ON	K6D2N_R	13.744	0.061	0.061
0.061					
K6D2P_R	ON	K6D2X_R	19.336	0.087	0.087
0.086					
K6D2P_R	ON	K6D2A_R	11.683	0.091	0.091
0.090					
K6D2P_R	ON	K6D2R_R	12.777	0.091	0.091
0.091					
K6D2P_R	ON	K6D2Z_R	27.706	0.129	0.129
0.129					
K6D2P_R	ON	K6D2AB_R	19.266	0.111	0.111
0.110					
K6D2P_R	ON	K6D2AJ_R	15.198	0.097	0.097
0.098					

K6D2P_R	ON	K6D61C	55.239	-0.418	-0.418
-0.421					
K6D2P_R	ON	K6D61D	22.013	-0.179	-0.179
-0.179					
K6D2P_R	ON	K6D61E	12.365	-0.175	-0.175
-0.174					
K6D2P_R	ON	K6D61K	55.251	-0.396	-0.396
-0.399					
K6D2P_R	ON	K6D40_R	15.663	-0.245	-0.245
-0.244					
K6D2P_R	ON	K6D48_R	14.033	-0.171	-0.171
-0.170					
K6D2P_R	ON	K6F63_R	24.581	-0.211	-0.211
-0.210					
K6D2P_R	ON	K6F74_R	10.673	-0.293	-0.293
-0.293					
K6D2P_R	ON	K6D2I_R	16.750	-0.083	-0.083
-0.082					
K6D2P_R	ON	K6D2K_R	10.069	-0.060	-0.060
-0.060					
K6D2P_R	ON	K6D2M_R	10.708	-0.061	-0.061
-0.060					
K6D2P_R	ON	K6D2V_R	18.303	-0.081	-0.081
-0.081					
K6D2R_R	ON	K5E1A	13.665	-0.125	-0.125
-0.124					
K6D2R_R	ON	K5E1D	15.125	-0.138	-0.138
-0.137					
K6D2R_R	ON	K6D2AG_R	85.788	0.157	0.157
0.157					
K6D2R_R	ON	K6D2AI_R	86.490	0.191	0.191
0.190					
K6D2R_R	ON	K6D2D_R	93.946	0.187	0.187
0.187					
K6D2R_R	ON	K6D2J_R	82.129	0.172	0.172
0.171					
K6D2R_R	ON	K6D2T_R	105.081	0.192	0.192
0.191					
K6D2R_R	ON	K6D2AC_R	72.060	0.137	0.137
0.137					
K6D2R_R	ON	K6D2AK_R	109.224	0.209	0.209
0.208					
K6D2R_R	ON	K6D2C_R	113.130	0.198	0.198
0.197					
K6D2R_R	ON	K6D2N_R	66.536	0.133	0.133
0.132					
K6D2R_R	ON	K6D2X_R	77.067	0.170	0.170
0.170					
K6D2R_R	ON	K6D2A_R	12.678	0.096	0.096
0.096					

K6D2R_R 0.092	ON K6D2P_R	12.777	0.091	0.091
K6D2R_R 0.155	ON K6D2Z_R	39.760	0.155	0.155
K6D2R_R -0.368	ON K6D61C	37.166	-0.364	-0.364
K6D2R_R -0.214	ON K6D61D	28.331	-0.214	-0.214
K6D2R_R -0.332	ON K6D61E	40.971	-0.331	-0.331
K6D2R_R -0.387	ON K6D61K	41.973	-0.383	-0.383
K6D2R_R -0.198	ON K6D61L	16.935	-0.198	-0.198
K6D2R_R -0.270	ON K6D40_R	18.590	-0.269	-0.269
K6D2R_R -0.223	ON K6D48_R	21.693	-0.223	-0.223
K6D2R_R -0.236	ON K6F63_R	27.990	-0.235	-0.235
K6D2R_R -0.061	ON K6D2B_R	13.873	-0.061	-0.061
K6D2R_R -0.066	ON K6D2K_R	12.599	-0.066	-0.066
K6D2R_R -0.064	ON K6D2L_R	11.539	-0.064	-0.064
K6D2R_R -0.050	ON K6D2S_R	12.236	-0.050	-0.050
K6D2R_R -0.072	ON K6D2V_R	14.046	-0.072	-0.072
K6D2R_R -0.068	ON P5Q3X	11.169	-0.067	-0.067
K6D2R_R -0.065	ON P5Q3AA	16.015	-0.063	-0.063
K6D2R_R -0.086	ON P5Q3AL	16.572	-0.084	-0.084
K6D2R_R -0.066	ON P5Q3AP	13.570	-0.064	-0.064
K6D2R_R -0.084	ON P5Q3BI	10.582	-0.084	-0.084
K6D2R_R -0.085	ON P5Q3BZ	18.826	-0.083	-0.083
K6D2R_R -0.085	ON P5Q3CJ	19.514	-0.083	-0.083
K6D2R_R -0.077	ON P5Q3C	15.984	-0.076	-0.076
K6D2R_R -0.071	ON P5Q30	16.412	-0.069	-0.069
K6D2R_R -0.077	ON P5Q3R	15.750	-0.075	-0.075

K6D2R_R	ON	P5Q3S	15.160	-0.064	-0.064
-0.066					
K6D2R_R	ON	P5Q3T	16.870	-0.066	-0.066
-0.068					
K6D2R_R	ON	P5Q3U	18.492	-0.069	-0.069
-0.071					
K6D2R_R	ON	P5Q3V	20.834	-0.075	-0.075
-0.077					
K6D2R_R	ON	P5Q3AJ	18.607	-0.076	-0.076
-0.078					
K6D2R_R	ON	P5Q3BC	18.174	-0.072	-0.072
-0.075					
K6D2R_R	ON	P5Q3BN	15.253	-0.071	-0.071
-0.073					
K6D2R_R	ON	P5Q3CF	14.577	-0.065	-0.065
-0.067					
K6D2R_R	ON	P5Q3CG	15.478	-0.069	-0.069
-0.071					
K6D2R_R	ON	P5Q3CH	19.021	-0.089	-0.089
-0.091					
K6D2R_R	ON	P5Q3CI	17.123	-0.093	-0.093
-0.094					
K6D2R_R	ON	P5Q3CN	15.056	-0.073	-0.073
-0.075					
K6D2R_R	ON	P5Q3C0	18.223	-0.068	-0.068
-0.070					
K6D2R_R	ON	P5Q3CQ	19.818	-0.072	-0.072
-0.075					
K6D2R_R	ON	P5Q3CW	15.780	-0.077	-0.077
-0.078					
K6D2Z_R	ON	K6B1A_R	18.969	0.090	0.090
0.089					
K6D2Z_R	ON	K6B1B_R	19.907	0.083	0.083
0.083					
K6D2Z_R	ON	K6B1C_R	16.229	0.077	0.077
0.076					
K6D2Z_R	ON	K6B1D_R	13.985	0.085	0.085
0.084					
K6D2Z_R	ON	K6D2AK_R	17.759	0.086	0.086
0.085					
K6D2Z_R	ON	K6D2C_R	13.465	0.071	0.071
0.070					
K6D2Z_R	ON	K6D2A_R	23.793	0.126	0.126
0.126					
K6D2Z_R	ON	K6D2P_R	27.706	0.129	0.129
0.130					
K6D2Z_R	ON	K6D2R_R	39.761	0.155	0.155
0.155					
K6D2Z_R	ON	K6D2AB_R	17.945	0.110	0.110
0.110					

K6D2Z_R	ON	K6D61C	32.496	-0.354	-0.354
-0.357					
K6D2Z_R	ON	K6D61D	10.944	-0.134	-0.134
-0.134					
K6D2Z_R	ON	K6D61K	35.887	-0.377	-0.377
-0.381					
K6D2Z_R	ON	K6D61L	10.006	-0.151	-0.151
-0.151					
K6D2Z_R	ON	K6D40_R	16.812	-0.286	-0.286
-0.286					
K6D2Z_R	ON	K6D48_R	22.340	-0.229	-0.229
-0.229					
K6D2Z_R	ON	K6F63_R	19.869	-0.202	-0.202
-0.202					
K6D2Z_R	ON	K6D2B_R	18.227	0.071	0.071
0.071					
K6D2Z_R	ON	K6D2F_R	20.772	0.080	0.080
0.080					
K6D2Z_R	ON	K6D2G_R	19.195	0.116	0.116
0.115					
K6D2Z_R	ON	K6D2I_R	12.264	0.072	0.072
0.071					
K6D2Z_R	ON	K6D2K_R	17.455	0.080	0.080
0.079					
K6D2Z_R	ON	K6D2L_R	25.776	0.098	0.098
0.097					
K6D2Z_R	ON	K6D2M_R	15.037	0.073	0.073
0.073					
K6D2Z_R	ON	K6D20_R	22.371	0.093	0.093
0.092					
K6D2Z_R	ON	K6D2S_R	23.066	0.070	0.070
0.070					
K6D2Z_R	ON	K6D2V_R	12.323	0.068	0.068
0.068					
K6D2Z_R	ON	K6D2W_R	23.161	0.085	0.085
0.085					
K6D2Z_R	ON	K6D2Y_R	24.545	0.096	0.096
0.095					
K6D2Z_R	ON	K6D2AA_R	29.132	0.094	0.094
0.094					
K6D2Z_R	ON	K6D2AE_R	39.446	0.129	0.129
0.128					
K6D2Z_R	ON	K6D2AF_R	24.067	0.100	0.100
0.099					
K6D2Z_R	ON	K6D2AH_R	16.680	0.090	0.090
0.090					
K6D2AB_R	ON	K6D2T_R	11.594	0.065	0.065
0.065					
K6D2AB_R	ON	K6D2AK_R	30.621	0.112	0.112
0.111					

K6D2AB_R ON K6D2P_R 0.111	19.266	0.111	0.111
K6D2AB_R ON K6D2Z_R 0.110	17.945	0.110	0.110
K6D2AB_R ON K6D2AJ_R 0.115	18.939	0.115	0.115
K6D2AB_R ON K6D61C -0.350	37.779	-0.346	-0.346
K6D2AB_R ON K6D61K -0.337	36.564	-0.334	-0.334
K6D2AB_R ON K6D40_R -0.213	11.979	-0.213	-0.213
K6D2AB_R ON K6F63_R -0.152	12.771	-0.151	-0.151
K6D2AB_R ON K6D2AE_R 0.088	18.201	0.088	0.088
K6D2AJ_R ON K5E1D -0.123	11.534	-0.124	-0.124
K6D2AJ_R ON K6D2AG_R 0.095	28.980	0.096	0.096
K6D2AJ_R ON K6D2AI_R 0.129	36.879	0.131	0.131
K6D2AJ_R ON K6D2D_R 0.107	28.459	0.108	0.108
K6D2AJ_R ON K6D2J_R 0.113	31.326	0.114	0.114
K6D2AJ_R ON K6D2T_R 0.117	35.882	0.118	0.118
K6D2AJ_R ON K6D2AC_R 0.087	27.113	0.088	0.088
K6D2AJ_R ON K6D2AK_R 0.226	143.677	0.228	0.228
K6D2AJ_R ON K6D2C_R 0.114	31.958	0.115	0.115
K6D2AJ_R ON K6D2N_R 0.085	25.586	0.086	0.086
K6D2AJ_R ON K6D2X_R 0.108	28.711	0.109	0.109
K6D2AJ_R ON K6D2P_R 0.097	15.198	0.097	0.097
K6D2AJ_R ON K6D2AB_R 0.114	18.938	0.115	0.115
K6D2AJ_R ON K6D61C -0.398	52.832	-0.396	-0.396
K6D2AJ_R ON K6D61D -0.120	10.128	-0.121	-0.121
K6D2AJ_R ON K6D61E -0.152	10.455	-0.153	-0.153
K6D2AJ_R ON K6D61K -0.396	52.683	-0.394	-0.394

K6D2AJ_R ON K6D40_R -0.233	15.499	-0.234	-0.234
K6D2AJ_R ON K6D48_R -0.196	17.903	-0.197	-0.197
K6D2AJ_R ON K6F63_R -0.202	21.309	-0.203	-0.203
K6D2AJ_R ON K6D2B_R -0.070	17.277	-0.071	-0.071
K6D2AJ_R ON K6D2F_R -0.072	16.571	-0.073	-0.073
K6D2AJ_R ON K6D2G_R -0.101	14.346	-0.102	-0.102
K6D2AJ_R ON K6D2I_R -0.135	44.467	-0.137	-0.137
K6D2AJ_R ON K6D2K_R -0.084	18.532	-0.085	-0.085
K6D2AJ_R ON K6D2L_R -0.082	18.253	-0.082	-0.082
K6D2AJ_R ON K6D2M_R -0.091	22.251	-0.092	-0.092
K6D2AJ_R ON K6D2O_R -0.065	10.318	-0.066	-0.066
K6D2AJ_R ON K6D2S_R -0.059	16.039	-0.059	-0.059
K6D2AJ_R ON K6D2V_R -0.105	28.981	-0.106	-0.106
K6D2AJ_R ON K6D2W_R -0.073	16.309	-0.074	-0.074
K6D2AJ_R ON K6D2Y_R -0.083	18.323	-0.084	-0.084
K6D2AJ_R ON K6D2AF_R -0.080	14.894	-0.080	-0.080
K6D2AJ_R ON K6D2AH_R -0.076	11.442	-0.077	-0.077
K6D61C ON K5E1A 0.199	12.977	0.203	0.203
K6D61C ON K5E1C 0.200	12.922	0.204	0.204
K6D61C ON K5E1D 0.226	14.799	0.230	0.230
K6D61C ON K6D2AG_R -0.214	52.452	-0.217	-0.217
K6D61C ON K6D2AI_R -0.257	48.793	-0.261	-0.261
K6D61C ON K6D2D_R -0.234	49.530	-0.237	-0.237
K6D61C ON K6D2J_R -0.258	55.365	-0.262	-0.262
K6D61C ON K6D2T_R -0.248	57.373	-0.252	-0.252

K6D61C -0.189	ON K6D2AC_R	49.403	-0.191	-0.191
K6D61C -0.224	ON K6D2AK_R	38.651	-0.227	-0.227
K6D61C -0.237	ON K6D2C_R	45.026	-0.240	-0.240
K6D61C -0.205	ON K6D2N_R	55.526	-0.207	-0.207
K6D61C -0.219	ON K6D2X_R	48.101	-0.222	-0.222
K6D61C -0.246	ON K6D2A_R	18.227	-0.249	-0.249
K6D61C -0.416	ON K6D2P_R	55.239	-0.418	-0.418
K6D61C -0.360	ON K6D2R_R	37.167	-0.364	-0.364
K6D61C -0.350	ON K6D2Z_R	32.497	-0.354	-0.354
K6D61C -0.343	ON K6D2AB_R	37.779	-0.346	-0.346
K6D61C -0.394	ON K6D2AJ_R	52.832	-0.396	-0.396
K6D61C 0.693	ON K6D61K	511.657	0.693	0.693
K6D61C 0.083	ON K6D2B_R	10.254	0.084	0.084
K6D61C 0.089	ON K6D2F_R	10.111	0.091	0.091
K6D61C 0.143	ON K6D2G_R	11.605	0.145	0.145
K6D61C 0.107	ON K6D2L_R	13.104	0.108	0.108
K6D61C 0.079	ON K6D2S_R	11.868	0.080	0.080
K6D61C 0.117	ON K6D2Y_R	14.918	0.119	0.119
K6D61C 0.102	ON K6D2AA_R	14.263	0.104	0.104
K6D61C 0.115	ON K6D2AF_R	12.816	0.117	0.117
K6D61C -0.140	ON P5Q3M	11.018	-0.141	-0.141
K6D61C -0.149	ON P5Q3AB	12.243	-0.150	-0.150
K6D61C -0.119	ON P5Q3AD	10.191	-0.120	-0.120
K6D61C -0.115	ON P5Q3AF	10.738	-0.115	-0.115
K6D61C -0.116	ON P5Q3AH	12.306	-0.115	-0.115

K6D61C -0.151	ON P5Q3AR	13.773	-0.151	-0.151
K6D61C -0.129	ON P5Q3AV	14.568	-0.129	-0.129
K6D61C -0.126	ON P5Q3AX	13.770	-0.125	-0.125
K6D61C -0.140	ON P5Q3BQ	14.433	-0.141	-0.141
K6D61C -0.140	ON P5Q3CK	15.620	-0.139	-0.139
K6D61C -0.119	ON P5Q3DB	10.253	-0.119	-0.119
K6D61C -0.188	ON P5Q3E	14.771	-0.190	-0.190
K6D61C -0.141	ON P5Q3A0	13.222	-0.142	-0.142
K6D61C -0.136	ON P5Q3BK	12.734	-0.136	-0.136
K6D61C -0.130	ON P5Q3CU	11.278	-0.130	-0.130
K6D61C -0.117	ON P5Q3DA	11.006	-0.117	-0.117
K6D61C -0.133	ON P5Q3AS	11.582	-0.134	-0.134
K6D61C -0.151	ON P5Q3AU	11.874	-0.151	-0.151
K6D61C -0.142	ON P5Q3AZ	16.354	-0.141	-0.141
K6D61C -0.128	ON P5Q3BB1	12.866	-0.128	-0.128
K6D61C -0.149	ON P5Q3BB2	14.151	-0.149	-0.149
K6D61C -0.150	ON P5Q3BB6	18.161	-0.150	-0.150
K6D61C -0.154	ON P5Q3BB7	14.955	-0.154	-0.154
K6D61D 0.128	ON K5E1A	10.092	0.129	0.129
K6D61D 0.132	ON K5E1B	10.442	0.134	0.134
K6D61D 0.138	ON K5E1C	11.991	0.139	0.139
K6D61D 0.156	ON K5E1D	13.098	0.158	0.158
K6D61D -0.173	ON K6D2AG_R	63.423	-0.174	-0.174
K6D61D -0.179	ON K6D2AI_R	45.269	-0.180	-0.180
K6D61D -0.182	ON K6D2D_R	53.820	-0.183	-0.183

K6D61D -0.154	ON K6D2J_R	37.368	-0.155	-0.155
K6D61D -0.186	ON K6D2T_R	59.731	-0.187	-0.187
K6D61D -0.142	ON K6D2AC_R	50.418	-0.143	-0.143
K6D61D -0.130	ON K6D2AK_R	24.585	-0.131	-0.131
K6D61D -0.165	ON K6D2C_R	43.302	-0.166	-0.166
K6D61D -0.163	ON K6D2N_R	63.515	-0.163	-0.163
K6D61D -0.184	ON K6D2X_R	58.799	-0.185	-0.185
K6D61D -0.180	ON K6D2P_R	22.013	-0.179	-0.179
K6D61D -0.213	ON K6D2R_R	28.331	-0.214	-0.214
K6D61D -0.133	ON K6D2Z_R	10.944	-0.134	-0.134
K6D61D -0.121	ON K6D2AJ_R	10.128	-0.121	-0.121
K6D61D 0.511	ON K6D61E	276.019	0.511	0.511
K6D61D 0.431	ON K6D61L	173.960	0.432	0.432
K6D61D 0.130	ON K6D2B_R	43.046	0.130	0.130
K6D61D 0.123	ON K6D2F_R	34.438	0.123	0.123
K6D61D 0.162	ON K6D2G_R	26.741	0.163	0.163
K6D61D 0.133	ON K6D2I_R	27.606	0.134	0.134
K6D61D 0.169	ON K6D2K_R	54.434	0.171	0.171
K6D61D 0.142	ON K6D2L_R	40.289	0.143	0.143
K6D61D 0.163	ON K6D2M_R	51.623	0.164	0.164
K6D61D 0.145	ON K6D2O_R	37.391	0.146	0.146
K6D61D 0.102	ON K6D2S_R	35.092	0.102	0.102
K6D61D 0.146	ON K6D2V_R	39.528	0.147	0.147
K6D61D 0.141	ON K6D2W_R	43.742	0.142	0.142
K6D61D 0.135	ON K6D2Y_R	35.233	0.136	0.136

K6D61D 0.132	ON K6D2AA_R	42.369	0.133	0.133
K6D61D 0.176	ON K6D2AE_R	46.161	0.178	0.178
K6D61D 0.142	ON K6D2AF_R	34.996	0.143	0.143
K6D61D 0.136	ON K6D2AH_R	25.908	0.137	0.137
K6D61D -0.106	ON P5Q3M	12.675	-0.106	-0.106
K6D61D -0.113	ON P5Q3AB	13.890	-0.113	-0.113
K6D61D -0.122	ON P5Q3AD	20.324	-0.121	-0.121
K6D61D -0.112	ON P5Q3AF	19.338	-0.111	-0.111
K6D61D -0.112	ON P5Q3AH	21.911	-0.111	-0.111
K6D61D -0.114	ON P5Q3AR	15.785	-0.113	-0.113
K6D61D -0.108	ON P5Q3AV	20.013	-0.106	-0.106
K6D61D -0.113	ON P5Q3AX	22.056	-0.111	-0.111
K6D61D -0.110	ON P5Q3BQ	18.022	-0.109	-0.109
K6D61D -0.112	ON P5Q3CK	19.577	-0.110	-0.110
K6D61D -0.127	ON P5Q3DB	23.777	-0.127	-0.127
K6D61D -0.121	ON P5Q3A0	19.635	-0.120	-0.120
K6D61D -0.114	ON P5Q3BK	17.287	-0.113	-0.113
K6D61D -0.118	ON P5Q3CU	18.056	-0.117	-0.117
K6D61D -0.103	ON P5Q3DA	17.160	-0.102	-0.102
K6D61D -0.107	ON P5Q3AS	14.792	-0.107	-0.107
K6D61D -0.153	ON P5Q3AU	22.982	-0.153	-0.153
K6D61D -0.109	ON P5Q3AZ	19.732	-0.108	-0.108
K6D61D -0.112	ON P5Q3BB1	19.308	-0.111	-0.111
K6D61D -0.113	ON P5Q3BB2	16.112	-0.112	-0.112
K6D61D -0.120	ON P5Q3BB5	12.757	-0.120	-0.120

K6D61D -0.108	ON P5Q3BB6	19.359	-0.107	-0.107
K6D61D -0.123	ON P5Q3BB7	19.969	-0.122	-0.122
K6D61D 0.061	ON P5Q3AA	10.407	0.059	0.059
K6D61D 0.064	ON P5Q3V	10.363	0.062	0.062
K6D61D 0.076	ON P5Q3AJ	13.324	0.074	0.074
K6D61E 0.175	ON K5E1D	10.016	0.176	0.176
K6D61E -0.195	ON K6D2AG_R	49.896	-0.196	-0.196
K6D61E -0.184	ON K6D2AI_R	29.950	-0.186	-0.186
K6D61E -0.196	ON K6D2D_R	39.551	-0.197	-0.197
K6D61E -0.161	ON K6D2J_R	25.546	-0.162	-0.162
K6D61E -0.202	ON K6D2T_R	44.266	-0.204	-0.204
K6D61E -0.157	ON K6D2AC_R	39.163	-0.158	-0.158
K6D61E -0.151	ON K6D2AK_R	20.763	-0.152	-0.152
K6D61E -0.202	ON K6D2C_R	40.143	-0.203	-0.203
K6D61E -0.185	ON K6D2N_R	50.013	-0.186	-0.186
K6D61E -0.208	ON K6D2X_R	46.021	-0.209	-0.209
K6D61E -0.175	ON K6D2P_R	12.364	-0.175	-0.175
K6D61E -0.331	ON K6D2R_R	40.971	-0.331	-0.331
K6D61E -0.153	ON K6D2AJ_R	10.455	-0.153	-0.153
K6D61E 0.511	ON K6D61D	276.020	0.511	0.511
K6D61E 0.300	ON K6D61L	42.057	0.300	0.300
K6D61E 0.134	ON K6D2B_R	27.733	0.134	0.134
K6D61E 0.107	ON K6D2F_R	16.617	0.107	0.107
K6D61E 0.179	ON K6D2G_R	20.491	0.181	0.181
K6D61E 0.147	ON K6D2I_R	19.700	0.148	0.148

K6D61E 0.176	ON K6D2K_R	34.841	0.177	0.177
K6D61E 0.142	ON K6D2L_R	25.234	0.143	0.143
K6D61E 0.150	ON K6D2M_R	26.447	0.151	0.151
K6D61E 0.154	ON K6D2O_R	25.068	0.155	0.155
K6D61E 0.105	ON K6D2S_R	22.610	0.105	0.105
K6D61E 0.139	ON K6D2V_R	21.432	0.140	0.140
K6D61E 0.136	ON K6D2W_R	24.407	0.136	0.136
K6D61E 0.136	ON K6D2Y_R	21.990	0.137	0.137
K6D61E 0.131	ON K6D2AA_R	25.139	0.132	0.132
K6D61E 0.172	ON K6D2AE_R	26.898	0.174	0.174
K6D61E 0.148	ON K6D2AF_R	23.406	0.149	0.149
K6D61E 0.161	ON K6D2AH_R	21.144	0.162	0.162
K6D61E 0.150	ON P5Q3X	24.414	0.148	0.148
K6D61E 0.125	ON P5Q3AA	28.316	0.121	0.121
K6D61E 0.157	ON P5Q3AL	26.124	0.155	0.155
K6D61E 0.131	ON P5Q3AP	24.780	0.128	0.128
K6D61E 0.171	ON P5Q3BI	20.126	0.171	0.171
K6D61E 0.146	ON P5Q3BZ	26.098	0.142	0.142
K6D61E 0.136	ON P5Q3CJ	23.175	0.133	0.133
K6D61E 0.101	ON P5Q3C	12.808	0.099	0.099
K6D61E 0.127	ON P5Q3O	25.002	0.123	0.123
K6D61E 0.132	ON P5Q3R	21.519	0.130	0.130
K6D61E 0.125	ON P5Q3S	25.813	0.121	0.121
K6D61E 0.120	ON P5Q3T	24.656	0.116	0.116
K6D61E 0.104	ON P5Q3U	18.391	0.101	0.101

K6D61E 0.128	ON P5Q3V	26.726	0.124	0.124
K6D61E 0.143	ON P5Q3AJ	29.376	0.139	0.139
K6D61E 0.129	ON P5Q3BC	26.211	0.125	0.125
K6D61E 0.122	ON P5Q3BN	19.942	0.120	0.120
K6D61E 0.117	ON P5Q3CF	20.659	0.114	0.114
K6D61E 0.122	ON P5Q3CG	21.189	0.119	0.119
K6D61E 0.132	ON P5Q3CH	18.567	0.130	0.130
K6D61E 0.158	ON P5Q3CI	22.187	0.156	0.156
K6D61E 0.138	ON P5Q3CN	23.497	0.135	0.135
K6D61E 0.114	ON P5Q3C0	22.162	0.111	0.111
K6D61E 0.123	ON P5Q3CQ	25.858	0.118	0.118
K6D61E 0.128	ON P5Q3CW	19.206	0.126	0.126
K6D61K 0.188	ON K5E1A	12.194	0.191	0.191
K6D61K 0.181	ON K5E1C	11.477	0.184	0.184
K6D61K 0.223	ON K5E1D	15.681	0.227	0.227
K6D61K -0.235	ON K6D2AG_R	65.394	-0.238	-0.238
K6D61K -0.277	ON K6D2AI_R	58.984	-0.281	-0.281
K6D61K -0.257	ON K6D2D_R	61.069	-0.260	-0.260
K6D61K -0.262	ON K6D2J_R	60.249	-0.266	-0.266
K6D61K -0.269	ON K6D2T_R	71.624	-0.273	-0.273
K6D61K -0.214	ON K6D2AC_R	64.459	-0.216	-0.216
K6D61K -0.236	ON K6D2AK_R	44.859	-0.240	-0.240
K6D61K -0.246	ON K6D2C_R	51.764	-0.249	-0.249
K6D61K -0.223	ON K6D2N_R	67.938	-0.226	-0.226
K6D61K -0.245	ON K6D2X_R	61.733	-0.248	-0.248

K6D61K -0.249	ON K6D2A_R	20.435	-0.252	-0.252
K6D61K -0.394	ON K6D2P_R	55.251	-0.396	-0.396
K6D61K -0.379	ON K6D2R_R	41.974	-0.383	-0.383
K6D61K -0.374	ON K6D2Z_R	35.887	-0.377	-0.377
K6D61K -0.331	ON K6D2AB_R	36.564	-0.334	-0.334
K6D61K -0.392	ON K6D2AJ_R	52.683	-0.394	-0.394
K6D61K 0.693	ON K6D61C	511.657	0.693	0.693
K6D61K 0.081	ON K6D2B_R	10.441	0.082	0.082
K6D61K 0.095	ON K6D2L_R	11.444	0.096	0.096
K6D61K 0.070	ON K6D2S_R	10.050	0.071	0.071
K6D61K 0.094	ON K6D2Y_R	10.592	0.095	0.095
K6D61K 0.099	ON K6D2AA_R	13.937	0.100	0.100
K6D61K 0.108	ON K6D2AF_R	12.035	0.109	0.109
K6D61K -0.142	ON P5Q3M	12.660	-0.143	-0.143
K6D61K -0.178	ON P5Q3AB	18.466	-0.179	-0.179
K6D61K -0.148	ON P5Q3AD	16.912	-0.148	-0.148
K6D61K -0.133	ON P5Q3AF	15.636	-0.133	-0.133
K6D61K -0.128	ON P5Q3AH	16.871	-0.127	-0.127
K6D61K -0.153	ON P5Q3AR	16.054	-0.153	-0.153
K6D61K -0.145	ON P5Q3AV	20.687	-0.144	-0.144
K6D61K -0.138	ON P5Q3AX	18.555	-0.137	-0.137
K6D61K -0.136	ON P5Q3BQ	15.174	-0.136	-0.136
K6D61K -0.149	ON P5Q3CK	19.769	-0.148	-0.148
K6D61K -0.135	ON P5Q3DB	15.087	-0.136	-0.136
K6D61K -0.207	ON P5Q3E	19.370	-0.209	-0.209

K6D61K -0.168	ON P5Q3A0	19.850	-0.169	-0.169
K6D61K -0.150	ON P5Q3BK	17.342	-0.150	-0.150
K6D61K -0.119	ON P5Q3B0	10.205	-0.120	-0.120
K6D61K -0.152	ON P5Q3CU	17.192	-0.152	-0.152
K6D61K -0.128	ON P5Q3DA	14.787	-0.128	-0.128
K6D61K -0.142	ON P5Q3AS	14.804	-0.143	-0.143
K6D61K -0.163	ON P5Q3AU	15.438	-0.164	-0.164
K6D61K -0.153	ON P5Q3AZ	21.416	-0.153	-0.153
K6D61K -0.142	ON P5Q3BB1	17.884	-0.142	-0.142
K6D61K -0.160	ON P5Q3BB2	18.590	-0.161	-0.161
K6D61K -0.143	ON P5Q3BB5	11.029	-0.145	-0.145
K6D61K -0.152	ON P5Q3BB6	21.455	-0.152	-0.152
K6D61K -0.160	ON P5Q3BB7	18.478	-0.160	-0.160
K6D61L 0.116	ON K6B1A_R	15.777	0.117	0.117
K6D61L 0.102	ON K6B1B_R	14.601	0.102	0.102
K6D61L 0.102	ON K6B1C_R	14.702	0.103	0.103
K6D61L 0.162	ON K5E1A	11.428	0.163	0.163
K6D61L 0.179	ON K5E1C	13.835	0.180	0.180
K6D61L 0.164	ON K5E1D	10.107	0.165	0.165
K6D61L -0.194	ON K6D2AG_R	57.033	-0.194	-0.194
K6D61L -0.211	ON K6D2AI_R	45.066	-0.212	-0.212
K6D61L -0.203	ON K6D2D_R	48.841	-0.204	-0.204
K6D61L -0.181	ON K6D2J_R	35.918	-0.182	-0.182
K6D61L -0.233	ON K6D2T_R	67.144	-0.234	-0.234
K6D61L -0.160	ON K6D2AC_R	46.008	-0.160	-0.160

K6D61L -0.154	ON K6D2AK_R	24.341	-0.154	-0.154
K6D61L -0.166	ON K6D2C_R	31.928	-0.167	-0.167
K6D61L -0.183	ON K6D2N_R	58.245	-0.184	-0.184
K6D61L -0.216	ON K6D2X_R	56.726	-0.216	-0.216
K6D61L -0.198	ON K6D2R_R	16.935	-0.198	-0.198
K6D61L -0.151	ON K6D2Z_R	10.006	-0.151	-0.151
K6D61L 0.433	ON K6D61D	173.960	0.432	0.432
K6D61L 0.301	ON K6D61E	42.057	0.300	0.300
K6D61L 0.151	ON K6D2B_R	42.214	0.152	0.152
K6D61L 0.144	ON K6D2F_R	33.737	0.144	0.144
K6D61L 0.201	ON K6D2G_R	29.398	0.202	0.202
K6D61L 0.143	ON K6D2I_R	23.733	0.144	0.144
K6D61L 0.199	ON K6D2K_R	53.421	0.200	0.200
K6D61L 0.162	ON K6D2L_R	37.686	0.162	0.162
K6D61L 0.172	ON K6D2M_R	39.891	0.173	0.173
K6D61L 0.173	ON K6D2O_R	38.286	0.174	0.174
K6D61L 0.129	ON K6D2S_R	40.376	0.129	0.129
K6D61L 0.166	ON K6D2V_R	35.251	0.166	0.166
K6D61L 0.170	ON K6D2W_R	44.450	0.171	0.171
K6D61L 0.161	ON K6D2Y_R	35.328	0.161	0.161
K6D61L 0.147	ON K6D2AA_R	37.259	0.147	0.147
K6D61L 0.208	ON K6D2AE_R	44.524	0.210	0.210
K6D61L 0.181	ON K6D2AF_R	39.696	0.182	0.182
K6D61L 0.176	ON K6D2AH_R	30.628	0.177	0.177
K6D61L -0.150	ON P5Q3M	17.001	-0.149	-0.149

K6D61L -0.132	ON P5Q3AB	12.426	-0.132	-0.132
K6D61L -0.147	ON P5Q3AD	19.412	-0.145	-0.145
K6D61L -0.125	ON P5Q3AF	16.755	-0.123	-0.123
K6D61L -0.134	ON P5Q3AH	21.333	-0.132	-0.132
K6D61L -0.151	ON P5Q3AR	18.461	-0.150	-0.150
K6D61L -0.131	ON P5Q3AV	20.199	-0.129	-0.129
K6D61L -0.134	ON P5Q3AX	20.875	-0.132	-0.132
K6D61L -0.118	ON P5Q3BQ	13.563	-0.117	-0.117
K6D61L -0.153	ON P5Q3CK	23.994	-0.150	-0.150
K6D61L -0.165	ON P5Q3DB	26.479	-0.164	-0.164
K6D61L -0.155	ON P5Q3E	13.926	-0.155	-0.155
K6D61L -0.149	ON P5Q3A0	19.245	-0.148	-0.148
K6D61L -0.142	ON P5Q3BK	18.047	-0.141	-0.141
K6D61L -0.112	ON P5Q3B0	11.145	-0.111	-0.111
K6D61L -0.157	ON P5Q3CU	22.043	-0.155	-0.155
K6D61L -0.138	ON P5Q3DA	19.980	-0.136	-0.136
K6D61L -0.141	ON P5Q3AS	16.854	-0.141	-0.141
K6D61L -0.173	ON P5Q3AU	19.859	-0.172	-0.172
K6D61L -0.128	ON P5Q3AZ	18.504	-0.126	-0.126
K6D61L -0.148	ON P5Q3BB1	22.297	-0.146	-0.146
K6D61L -0.135	ON P5Q3BB2	15.873	-0.135	-0.135
K6D61L -0.146	ON P5Q3BB5	13.188	-0.146	-0.146
K6D61L -0.138	ON P5Q3BB6	20.861	-0.136	-0.136
K6D61L -0.156	ON P5Q3BB7	20.908	-0.154	-0.154
K6D61M -0.092	ON K6B1B_R	18.004	-0.092	-0.092

K6D61M -0.093	ON K6B1C_R	17.573	-0.093	-0.093
K6D61M -0.100	ON K6B1D_R	14.841	-0.101	-0.101
K6D61M 0.073	ON K6D2AG_R	11.812	0.073	0.073
K6D61M 0.091	ON K6D2J_R	13.314	0.092	0.092
K6D61M 0.076	ON K6D2AC_R	14.963	0.076	0.076
K6D61M 0.110	ON K6D2AK_R	18.462	0.110	0.110
K6D61M 0.067	ON K6D2N_R	11.131	0.067	0.067
K6D61M 0.076	ON K6D2X_R	10.594	0.076	0.076
K6D61M -0.113	ON K6D2B_R	34.379	-0.113	-0.113
K6D61M -0.113	ON K6D2F_R	29.704	-0.113	-0.113
K6D61M -0.133	ON K6D2G_R	18.640	-0.133	-0.133
K6D61M -0.174	ON K6D2I_R	51.548	-0.174	-0.174
K6D61M -0.134	ON K6D2K_R	35.490	-0.134	-0.134
K6D61M -0.119	ON K6D2L_R	30.051	-0.119	-0.119
K6D61M -0.143	ON K6D2M_R	40.988	-0.143	-0.143
K6D61M -0.118	ON K6D2O_R	25.489	-0.119	-0.119
K6D61M -0.104	ON K6D2S_R	37.956	-0.104	-0.104
K6D61M -0.140	ON K6D2V_R	38.405	-0.140	-0.140
K6D61M -0.124	ON K6D2W_R	36.072	-0.124	-0.124
K6D61M -0.138	ON K6D2Y_R	39.117	-0.138	-0.138
K6D61M -0.102	ON K6D2AA_R	25.423	-0.102	-0.102
K6D61M -0.128	ON K6D2AE_R	25.342	-0.129	-0.129
K6D61M -0.123	ON K6D2AF_R	27.267	-0.124	-0.124
K6D61M -0.136	ON K6D2AH_R	26.486	-0.137	-0.137
K6D40_R -0.254	ON K6D2A_R	16.211	-0.255	-0.255

K6D40_R	ON	K6D2P_R	15.663	-0.245	-0.245
-0.245					
K6D40_R	ON	K6D2R_R	18.590	-0.269	-0.269
-0.268					
K6D40_R	ON	K6D2Z_R	16.813	-0.286	-0.286
-0.285					
K6D40_R	ON	K6D2AB_R	11.979	-0.213	-0.213
-0.212					
K6D40_R	ON	K6D2AJ_R	15.499	-0.234	-0.234
-0.235					
K6D40_R	ON	K6D48_R	33.118	0.319	0.319
0.318					
K6D40_R	ON	K6F63_R	55.611	0.370	0.370
0.369					
K6D40_R	ON	K6F74_R	10.823	0.277	0.277
0.277					
K6D40_R	ON	K6D2I_R	12.852	-0.132	-0.132
-0.131					
K6D40_R	ON	K6D2M_R	11.115	-0.113	-0.113
-0.112					
K6D40_R	ON	P5Q3AF	10.039	0.119	0.119
0.120					
K6D40_R	ON	P5Q3X	29.689	0.199	0.199
0.202					
K6D40_R	ON	P5Q3AA	33.769	0.162	0.162
0.167					
K6D40_R	ON	P5Q3AL	34.186	0.211	0.211
0.214					
K6D40_R	ON	P5Q3AP	35.102	0.183	0.183
0.187					
K6D40_R	ON	P5Q3BI	24.889	0.236	0.236
0.236					
K6D40_R	ON	P5Q3BZ	35.979	0.201	0.201
0.206					
K6D40_R	ON	P5Q3CJ	39.171	0.203	0.203
0.208					
K6D40_R	ON	P5Q3C	34.714	0.194	0.194
0.197					
K6D40_R	ON	P5Q30	31.901	0.168	0.168
0.173					
K6D40_R	ON	P5Q3R	27.477	0.181	0.181
0.183					
K6D40_R	ON	P5Q3S	33.628	0.167	0.167
0.173					
K6D40_R	ON	P5Q3T	32.232	0.162	0.162
0.168					
K6D40_R	ON	P5Q3U	31.677	0.158	0.158
0.162					
K6D40_R	ON	P5Q3V	29.321	0.158	0.158
0.163					

K6D40_R	ON	P5Q3AJ	36.102	0.185	0.185
0.191					
K6D40_R	ON	P5Q3BC	36.682	0.179	0.179
0.185					
K6D40_R	ON	P5Q3BN	35.671	0.189	0.189
0.193					
K6D40_R	ON	P5Q3CF	31.457	0.170	0.170
0.174					
K6D40_R	ON	P5Q3CG	32.293	0.175	0.175
0.179					
K6D40_R	ON	P5Q3CH	34.460	0.211	0.211
0.214					
K6D40_R	ON	P5Q3CI	29.082	0.218	0.218
0.221					
K6D40_R	ON	P5Q3CN	30.619	0.185	0.185
0.189					
K6D40_R	ON	P5Q3C0	36.333	0.168	0.168
0.173					
K6D40_R	ON	P5Q3CQ	37.152	0.170	0.170
0.176					
K6D40_R	ON	P5Q3CW	28.553	0.185	0.185
0.188					
K6D48_R	ON	K6D2A_R	13.432	-0.173	-0.173
-0.173					
K6D48_R	ON	K6D2P_R	14.033	-0.171	-0.171
-0.172					
K6D48_R	ON	K6D2R_R	21.693	-0.223	-0.223
-0.223					
K6D48_R	ON	K6D2Z_R	22.340	-0.229	-0.229
-0.229					
K6D48_R	ON	K6D2AJ_R	17.902	-0.197	-0.197
-0.198					
K6D48_R	ON	K6D40_R	33.118	0.319	0.319
0.320					
K6D48_R	ON	K6F63_R	153.878	0.450	0.450
0.450					
K6D48_R	ON	K6F68_R	13.685	0.313	0.313
0.314					
K6D48_R	ON	K6F74_R	19.444	0.336	0.336
0.337					
K6D48_R	ON	P5Q3AA	11.857	-0.076	-0.076
-0.079					
K6D48_R	ON	P5Q3AL	12.889	-0.106	-0.106
-0.108					
K6D48_R	ON	P5Q3AP	15.163	-0.097	-0.097
-0.099					
K6D48_R	ON	P5Q3BZ	14.073	-0.102	-0.102
-0.105					
K6D48_R	ON	P5Q30	13.555	-0.088	-0.088
-0.091					

K6D48_R	ON	P5Q3R	12.523	-0.096	-0.096
-0.098					
K6D48_R	ON	P5Q3S	12.296	-0.081	-0.081
-0.084					
K6D48_R	ON	P5Q3T	13.770	-0.085	-0.085
-0.088					
K6D48_R	ON	P5Q3U	13.768	-0.083	-0.083
-0.086					
K6D48_R	ON	P5Q3V	14.909	-0.089	-0.089
-0.092					
K6D48_R	ON	P5Q3AJ	13.168	-0.091	-0.091
-0.094					
K6D48_R	ON	P5Q3BC	11.707	-0.081	-0.081
-0.084					
K6D48_R	ON	P5Q3BN	10.390	-0.082	-0.082
-0.084					
K6D48_R	ON	P5Q3CF	13.844	-0.090	-0.090
-0.092					
K6D48_R	ON	P5Q3CG	13.867	-0.093	-0.093
-0.095					
K6D48_R	ON	P5Q3CH	10.161	-0.091	-0.091
-0.093					
K6D48_R	ON	P5Q3CI	11.269	-0.107	-0.107
-0.109					
K6D48_R	ON	P5Q3CN	12.996	-0.097	-0.097
-0.099					
K6D48_R	ON	P5Q3C0	10.357	-0.072	-0.072
-0.075					
K6D48_R	ON	P5Q3CQ	14.257	-0.086	-0.086
-0.089					
K6D48_R	ON	P5Q3CW	11.812	-0.094	-0.094
-0.096					
K6F63_R	ON	K6D2A_R	17.263	-0.184	-0.184
-0.184					
K6F63_R	ON	K6D2P_R	24.581	-0.211	-0.211
-0.212					
K6F63_R	ON	K6D2R_R	27.990	-0.235	-0.235
-0.235					
K6F63_R	ON	K6D2Z_R	19.870	-0.202	-0.202
-0.201					
K6F63_R	ON	K6D2AB_R	12.771	-0.151	-0.151
-0.151					
K6F63_R	ON	K6D2AJ_R	21.309	-0.203	-0.203
-0.204					
K6F63_R	ON	K6D40_R	55.611	0.370	0.370
0.370					
K6F63_R	ON	K6D48_R	153.878	0.450	0.450
0.449					
K6F68_R	ON	K6D48_R	13.685	0.313	0.313
0.312					

K6F68_R	ON K6F74_R	33.196	0.450	0.450
0.450				
K6F68_R	ON K6D2I_R	10.659	-0.196	-0.196
-0.194				
K6F74_R	ON K6D2P_R	10.673	-0.293	-0.293
-0.294				
K6F74_R	ON K6D40_R	10.823	0.277	0.277
0.277				
K6F74_R	ON K6D48_R	19.444	0.336	0.336
0.335				
K6F74_R	ON K6F68_R	33.196	0.450	0.450
0.450				
K6D2B_R	ON K5E1D	10.151	0.144	0.144
0.144				
K6D2B_R	ON K6D2AG_R	39.738	-0.140	-0.140
-0.140				
K6D2B_R	ON K6D2AI_R	24.091	-0.136	-0.136
-0.135				
K6D2B_R	ON K6D2D_R	33.355	-0.150	-0.150
-0.150				
K6D2B_R	ON K6D2J_R	29.412	-0.142	-0.142
-0.141				
K6D2B_R	ON K6D2T_R	33.691	-0.147	-0.147
-0.147				
K6D2B_R	ON K6D2AC_R	70.486	-0.161	-0.161
-0.161				
K6D2B_R	ON K6D2AK_R	18.834	-0.124	-0.124
-0.124				
K6D2B_R	ON K6D2C_R	26.389	-0.131	-0.131
-0.131				
K6D2B_R	ON K6D2N_R	66.865	-0.158	-0.158
-0.158				
K6D2B_R	ON K6D2X_R	110.906	-0.215	-0.215
-0.215				
K6D2B_R	ON K6D2K_R	11.597	-0.129	-0.129
-0.128				
K6D2B_R	ON K6D2M_R	14.264	-0.145	-0.145
-0.145				
K6D2B_R	ON K6D2V_R	11.429	-0.136	-0.136
-0.136				
K6D2G_R	ON K6B1A_R	34.327	0.169	0.169
0.169				
K6D2G_R	ON K6B1B_R	11.159	0.096	0.096
0.096				
K6D2G_R	ON K6B1D_R	11.117	0.114	0.114
0.114				
K6D2G_R	ON K6D2AG_R	13.788	0.104	0.104
0.104				
K6D2G_R	ON K6D2J_R	10.826	0.105	0.105
0.105				

K6D2G_R	ON	K6D2T_R	11.819	0.108	0.108
0.109					
K6D2G_R	ON	K6D2AF_R	14.151	0.166	0.166
0.166					
K6D2I_R	ON	K6D2AG_R	12.193	0.075	0.075
0.076					
K6D2I_R	ON	K6D2AI_R	14.069	0.096	0.096
0.096					
K6D2I_R	ON	K6D2D_R	15.004	0.096	0.096
0.096					
K6D2I_R	ON	K6D2J_R	19.595	0.106	0.106
0.106					
K6D2I_R	ON	K6D2T_R	12.724	0.087	0.087
0.087					
K6D2I_R	ON	K6D2C_R	21.013	0.112	0.112
0.112					
K6D2I_R	ON	K6D2X_R	10.920	0.081	0.081
0.081					
K6D2I_R	ON	K6D2P_R	29.353	-0.092	-0.092
-0.093					
K6D2I_R	ON	K6D2R_R	10.940	-0.068	-0.068
-0.068					
K6D2I_R	ON	K6D2Z_R	10.781	-0.065	-0.065
-0.065					
K6D2I_R	ON	K6D2AB_R	20.672	-0.088	-0.088
-0.089					
K6D2I_R	ON	K6D2AJ_R	42.215	-0.106	-0.106
-0.108					
K6D2I_R	ON	K6D61C	28.769	-0.094	-0.094
-0.096					
K6D2I_R	ON	K6D61D	15.390	-0.082	-0.082
-0.082					
K6D2I_R	ON	K6D61E	18.815	-0.101	-0.101
-0.102					
K6D2I_R	ON	K6D61K	31.398	-0.099	-0.099
-0.100					
K6D2I_R	ON	K6D61L	18.259	-0.105	-0.105
-0.105					
K6D2I_R	ON	K6D61M	42.154	-0.162	-0.162
-0.163					
K6D2I_R	ON	K6D40_R	33.300	-0.135	-0.135
-0.136					
K6D2I_R	ON	K6D48_R	29.520	-0.131	-0.131
-0.131					
K6D2I_R	ON	K6F63_R	25.829	-0.115	-0.115
-0.116					
K6D2I_R	ON	K6F68_R	33.173	-0.146	-0.146
-0.147					
K6D2I_R	ON	K6F74_R	31.957	-0.144	-0.144
-0.146					

K6D2I_R 0.182	ON K6D2K_R	42.965	0.182	0.182
K6D2I_R 0.192	ON K6D2M_R	47.360	0.192	0.192
K6D2I_R 0.204	ON K6D2V_R	51.383	0.204	0.204
K6D2K_R -0.082	ON K6B1A_R	10.317	-0.082	-0.082
K6D2K_R -0.087	ON K6B1C_R	12.502	-0.087	-0.087
K6D2K_R -0.118	ON K6B1D_R	16.404	-0.118	-0.118
K6D2K_R 0.099	ON K6D2AI_R	14.939	0.099	0.099
K6D2K_R 0.120	ON K6D2D_R	23.656	0.120	0.120
K6D2K_R 0.124	ON K6D2J_R	25.570	0.124	0.124
K6D2K_R 0.075	ON K6D2T_R	10.025	0.075	0.075
K6D2K_R 0.077	ON K6D2AC_R	14.167	0.077	0.077
K6D2K_R 0.080	ON K6D2AK_R	10.067	0.080	0.080
K6D2K_R 0.131	ON K6D2C_R	28.304	0.131	0.131
K6D2K_R 0.071	ON K6D2N_R	12.236	0.071	0.071
K6D2K_R 0.097	ON K6D2X_R	15.916	0.097	0.097
K6D2K_R 0.078	ON K6D61D	13.372	0.077	0.077
K6D2K_R 0.076	ON K6D61E	10.372	0.076	0.076
K6D2K_R 0.092	ON K6D61L	13.461	0.092	0.092
K6D2K_R -0.129	ON K6D2B_R	11.597	-0.129	-0.129
K6D2K_R 0.182	ON K6D2I_R	42.965	0.182	0.182
K6D2K_R 0.360	ON K6D2M_R	260.179	0.360	0.360
K6D2K_R -0.171	ON K6D2S_R	23.296	-0.171	-0.171
K6D2K_R 0.146	ON K6D2V_R	23.467	0.146	0.146
K6D2K_R -0.113	ON K6D2AA_R	10.471	-0.113	-0.113
K6D2L_R -0.102	ON K6D2X_R	12.872	-0.102	-0.102

K6D2L_R	ON	K6D2Y_R	10.306	0.127	0.127
0.127					
K6D2M_R	ON	K6B1D_R	10.076	-0.094	-0.094
-0.094					
K6D2M_R	ON	K6D2AG_R	16.732	0.089	0.089
0.089					
K6D2M_R	ON	K6D2AI_R	26.378	0.134	0.134
0.134					
K6D2M_R	ON	K6D2D_R	20.560	0.113	0.113
0.113					
K6D2M_R	ON	K6D2J_R	21.414	0.115	0.115
0.115					
K6D2M_R	ON	K6D2T_R	14.887	0.093	0.093
0.093					
K6D2M_R	ON	K6D2AC_R	20.469	0.094	0.094
0.094					
K6D2M_R	ON	K6D2AK_R	14.071	0.098	0.098
0.098					
K6D2M_R	ON	K6D2C_R	28.833	0.135	0.135
0.135					
K6D2M_R	ON	K6D2N_R	14.487	0.078	0.078
0.078					
K6D2M_R	ON	K6D2X_R	19.555	0.108	0.108
0.108					
K6D2M_R	ON	K6D2B_R	14.263	-0.145	-0.145
-0.146					
K6D2M_R	ON	K6D2I_R	47.360	0.192	0.192
0.192					
K6D2M_R	ON	K6D2K_R	260.180	0.360	0.360
0.360					
K6D2M_R	ON	K6D2S_R	27.007	-0.185	-0.185
-0.185					
K6D2M_R	ON	K6D2V_R	22.752	0.142	0.142
0.142					
K6D2M_R	ON	K6D2AA_R	11.027	-0.117	-0.117
-0.117					
K6D2S_R	ON	K5E1A	11.867	0.136	0.136
0.136					
K6D2S_R	ON	K6D2AG_R	56.107	-0.154	-0.154
-0.153					
K6D2S_R	ON	K6D2AI_R	37.807	-0.154	-0.154
-0.153					
K6D2S_R	ON	K6D2D_R	39.896	-0.156	-0.156
-0.155					
K6D2S_R	ON	K6D2J_R	46.872	-0.167	-0.167
-0.166					
K6D2S_R	ON	K6D2T_R	34.020	-0.142	-0.142
-0.142					
K6D2S_R	ON	K6D2AC_R	126.645	-0.188	-0.188
-0.187					

K6D2S_R -0.128	ON K6D2AK_R	22.956	-0.128	-0.128
K6D2S_R -0.166	ON K6D2C_R	47.149	-0.166	-0.166
K6D2S_R -0.185	ON K6D2N_R	117.621	-0.186	-0.186
K6D2S_R -0.187	ON K6D2X_R	88.590	-0.187	-0.187
K6D2S_R -0.100	ON K6D61M	13.011	-0.100	-0.100
K6D2S_R -0.087	ON K6D40_R	10.631	-0.086	-0.086
K6D2S_R -0.085	ON K6D48_R	10.081	-0.085	-0.085
K6D2S_R -0.088	ON K6F63_R	12.323	-0.088	-0.088
K6D2S_R -0.095	ON K6F68_R	11.262	-0.095	-0.095
K6D2S_R -0.096	ON K6F74_R	10.946	-0.096	-0.096
K6D2S_R -0.170	ON K6D2K_R	23.296	-0.171	-0.171
K6D2S_R -0.184	ON K6D2M_R	27.008	-0.185	-0.185
K6D2S_R -0.157	ON K6D2V_R	19.642	-0.157	-0.157
K6D2V_R 0.089	ON K6D2J_R	11.107	0.089	0.089
K6D2V_R -0.066	ON K6D2P_R	12.404	-0.065	-0.065
K6D2V_R -0.059	ON K6D2AJ_R	10.354	-0.059	-0.059
K6D2V_R -0.087	ON K6D61M	10.211	-0.087	-0.087
K6D2V_R -0.137	ON K6D2B_R	11.429	-0.136	-0.136
K6D2V_R 0.204	ON K6D2I_R	51.383	0.204	0.204
K6D2V_R 0.146	ON K6D2K_R	23.467	0.146	0.146
K6D2V_R 0.142	ON K6D2M_R	22.752	0.142	0.142
K6D2V_R -0.158	ON K6D2S_R	19.642	-0.157	-0.157
K6D2W_R -0.104	ON K6B1A_R	15.260	-0.104	-0.104
K6D2W_R 0.154	ON K6D2AE_R	31.496	0.154	0.154
K6D2Y_R 0.127	ON K6D2L_R	10.306	0.127	0.127

K6D2Y_R ON K6D2AF_R 0.197	32.094	0.197	0.197
K6D2AA_R ON K6B1A_R 0.086	11.835	0.087	0.087
K6D2AA_R ON K6D2A_R 0.086	11.759	0.085	0.085
K6D2AA_R ON K6D2P_R 0.074	13.851	0.073	0.073
K6D2AA_R ON K6D2R_R 0.078	10.773	0.078	0.078
K6D2AA_R ON K6D2Z_R 0.113	23.776	0.113	0.113
K6D2AA_R ON K6D2AB_R 0.098	19.149	0.098	0.098
K6D2AA_R ON K6D2AJ_R 0.077	15.933	0.077	0.077
K6D2AA_R ON K6D61C 0.085	17.961	0.084	0.084
K6D2AA_R ON K6D61D 0.095	16.969	0.094	0.094
K6D2AA_R ON K6D61E 0.104	16.264	0.103	0.103
K6D2AA_R ON K6D61K 0.087	18.086	0.085	0.085
K6D2AA_R ON K6D61L 0.104	14.472	0.104	0.104
K6D2AA_R ON K6D40_R 0.095	12.603	0.095	0.095
K6D2AA_R ON K6D48_R 0.094	12.024	0.094	0.094
K6D2AA_R ON K6F68_R 0.120	17.052	0.119	0.119
K6D2AA_R ON K6F74_R 0.119	16.491	0.119	0.119
K6D2AA_R ON K6D2K_R -0.113	10.471	-0.113	-0.113
K6D2AA_R ON K6D2M_R -0.117	11.027	-0.117	-0.117
K6D2AA_R ON P5Q3X 0.073	10.689	0.071	0.071
K6D2AA_R ON P5Q3AA 0.065	14.094	0.063	0.063
K6D2AA_R ON P5Q3AL 0.078	12.143	0.077	0.077
K6D2AA_R ON P5Q3AP 0.067	11.868	0.065	0.065
K6D2AA_R ON P5Q3BZ 0.073	11.956	0.071	0.071
K6D2AA_R ON P5Q3CJ 0.072	12.261	0.070	0.070

K6D2AA_R ON P5Q30 0.060	10.421	0.058	0.058
K6D2AA_R ON P5Q3S 0.060	11.014	0.058	0.058
K6D2AA_R ON P5Q3T 0.061	11.578	0.059	0.059
K6D2AA_R ON P5Q3U 0.062	12.479	0.060	0.060
K6D2AA_R ON P5Q3V 0.062	11.794	0.060	0.060
K6D2AA_R ON P5Q3AJ 0.064	11.259	0.062	0.062
K6D2AA_R ON P5Q3BC 0.062	10.875	0.059	0.059
K6D2AA_R ON P5Q3CN 0.072	11.961	0.070	0.070
K6D2AA_R ON P5Q3C0 0.060	11.595	0.058	0.058
K6D2AA_R ON P5Q3CQ 0.057	10.555	0.055	0.055
K6D2AA_R ON P5Q3CW 0.075	12.513	0.073	0.073
K6D2AE_R ON K6B1A_R -0.082	11.205	-0.082	-0.082
K6D2AE_R ON K6B1B_R -0.089	14.970	-0.089	-0.089
K6D2AE_R ON K6B1C_R -0.092	15.256	-0.092	-0.092
K6D2AE_R ON K6B1D_R -0.102	13.350	-0.102	-0.102
K6D2AE_R ON K5E1C -0.124	12.065	-0.124	-0.124
K6D2AE_R ON K5E1D -0.169	19.997	-0.170	-0.170
K6D2AE_R ON K6D2AG_R 0.134	42.406	0.134	0.134
K6D2AE_R ON K6D2AI_R 0.138	32.143	0.138	0.138
K6D2AE_R ON K6D2D_R 0.169	50.114	0.169	0.169
K6D2AE_R ON K6D2J_R 0.147	40.954	0.147	0.147
K6D2AE_R ON K6D2T_R 0.173	53.651	0.173	0.173
K6D2AE_R ON K6D2AC_R 0.132	44.612	0.132	0.132
K6D2AE_R ON K6D2AK_R 0.167	45.960	0.166	0.166
K6D2AE_R ON K6D2C_R 0.149	41.071	0.149	0.149

K6D2AE_R ON K6D2N_R 0.115	34.745	0.115	0.115
K6D2AE_R ON K6D2X_R 0.157	44.029	0.156	0.156
K6D2AE_R ON K6D2A_R 0.161	57.140	0.160	0.160
K6D2AE_R ON K6D2P_R 0.129	56.169	0.127	0.127
K6D2AE_R ON K6D2R_R 0.150	57.328	0.149	0.149
K6D2AE_R ON K6D2Z_R 0.168	77.549	0.167	0.167
K6D2AE_R ON K6D2AB_R 0.168	76.183	0.167	0.167
K6D2AE_R ON K6D2AJ_R 0.124	53.386	0.122	0.122
K6D2AE_R ON K6D61C 0.152	69.608	0.149	0.149
K6D2AE_R ON K6D61D 0.177	72.722	0.176	0.176
K6D2AE_R ON K6D61E 0.197	73.930	0.196	0.196
K6D2AE_R ON K6D61K 0.147	65.361	0.145	0.145
K6D2AE_R ON K6D61L 0.217	75.808	0.216	0.216
K6D2AE_R ON K6D61M 0.140	30.365	0.139	0.139
K6D2AE_R ON K6D40_R 0.196	64.594	0.195	0.195
K6D2AE_R ON K6D48_R 0.168	47.019	0.167	0.167
K6D2AE_R ON K6F63_R 0.162	49.492	0.161	0.161
K6D2AE_R ON K6F68_R 0.227	77.415	0.225	0.225
K6D2AE_R ON K6F74_R 0.229	75.452	0.227	0.227
K6D2AE_R ON K6D2W_R 0.154	31.495	0.154	0.154
K6D2AE_R ON P5Q3AA 0.050	10.472	0.048	0.048
K6D2AE_R ON P5Q3AL 0.070	12.076	0.068	0.068
K6D2AE_R ON P5Q3BZ 0.068	13.333	0.066	0.066
K6D2AE_R ON P5Q3S 0.052	10.501	0.050	0.050
K6D2AE_R ON P5Q3T 0.050	10.120	0.048	0.048

K6D2AE_R ON P5Q3V 0.056	11.753	0.054	0.054
K6D2AE_R ON P5Q3AJ 0.059	11.751	0.057	0.057
K6D2AE_R ON P5Q3BC 0.054	10.536	0.051	0.051
K6D2AE_R ON P5Q3CN 0.061	10.616	0.059	0.059
K6D2AE_R ON P5Q3CQ 0.053	11.053	0.050	0.050
K6D2AE_R ON P5Q3CW 0.065	11.484	0.063	0.063
K6D2AF_R ON K6D2R_R 0.085	10.403	0.085	0.085
K6D2AF_R ON K6D2Z_R 0.092	12.738	0.091	0.091
K6D2AF_R ON K6D2AB_R 0.089	12.470	0.088	0.088
K6D2AF_R ON K6D61C 0.076	11.110	0.075	0.075
K6D2AF_R ON K6D61K 0.075	10.891	0.074	0.074
K6D2AF_R ON K6D61L 0.101	10.342	0.101	0.101
K6D2AF_R ON K6D40_R 0.096	10.213	0.096	0.096
K6D2AF_R ON K6F68_R 0.102	10.183	0.101	0.101
K6D2AF_R ON K6F74_R 0.113	11.893	0.113	0.113
K6D2AF_R ON K6D2G_R 0.166	14.152	0.166	0.166
K6D2AF_R ON K6D2Y_R 0.197	32.094	0.197	0.197
P5Q3M ON K6B1A_R -0.141	30.687	-0.142	-0.142
P5Q3M ON K6B1B_R -0.120	28.828	-0.122	-0.122
P5Q3M ON K6B1C_R -0.129	32.330	-0.130	-0.130
P5Q3M ON K6B1D_R -0.156	32.578	-0.157	-0.157
P5Q3M ON K5E1A -0.197	23.119	-0.200	-0.200
P5Q3M ON K5E1B -0.157	13.550	-0.159	-0.159
P5Q3M ON K5E1C -0.181	19.391	-0.183	-0.183
P5Q3M ON K5E1D -0.199	20.206	-0.201	-0.201

P5Q3M 0.115	ON K6D2AG_R	33.694	0.116	0.116
P5Q3M 0.146	ON K6D2AI_R	33.741	0.148	0.148
P5Q3M 0.138	ON K6D2D_R	35.602	0.139	0.139
P5Q3M 0.133	ON K6D2J_R	29.995	0.134	0.134
P5Q3M 0.136	ON K6D2T_R	37.509	0.137	0.137
P5Q3M 0.106	ON K6D2AC_R	33.901	0.106	0.106
P5Q3M 0.148	ON K6D2AK_R	34.475	0.150	0.150
P5Q3M 0.131	ON K6D2C_R	29.715	0.132	0.132
P5Q3M 0.108	ON K6D2N_R	33.876	0.109	0.109
P5Q3M 0.127	ON K6D2X_R	35.554	0.128	0.128
P5Q3M 0.276	ON K6D2A_R	99.109	0.278	0.278
P5Q3M 0.220	ON K6D2P_R	107.066	0.220	0.220
P5Q3M 0.261	ON K6D2R_R	102.507	0.262	0.262
P5Q3M 0.266	ON K6D2Z_R	114.140	0.267	0.267
P5Q3M 0.247	ON K6D2AB_R	100.406	0.248	0.248
P5Q3M 0.223	ON K6D2AJ_R	114.378	0.223	0.223
P5Q3M 0.255	ON K6D61C	148.724	0.254	0.254
P5Q3M 0.270	ON K6D61D	118.384	0.271	0.271
P5Q3M 0.318	ON K6D61E	141.574	0.318	0.318
P5Q3M 0.256	ON K6D61K	148.389	0.254	0.254
P5Q3M 0.321	ON K6D61L	118.584	0.322	0.322
P5Q3M 0.311	ON K6D61M	97.745	0.313	0.313
P5Q3M 0.344	ON K6D40_R	151.964	0.344	0.344
P5Q3M 0.318	ON K6D48_R	115.626	0.319	0.319
P5Q3M 0.300	ON K6F63_R	120.989	0.301	0.301

P5Q3M 0.375	ON K6F68_R	165.818	0.375	0.375
P5Q3M 0.381	ON K6F74_R	163.905	0.382	0.382
P5Q3M -0.084	ON K6D2B_R	16.587	-0.084	-0.084
P5Q3M -0.089	ON K6D2F_R	16.303	-0.090	-0.090
P5Q3M -0.106	ON K6D2G_R	10.339	-0.107	-0.107
P5Q3M -0.089	ON K6D2I_R	10.771	-0.090	-0.090
P5Q3M -0.085	ON K6D2K_R	11.991	-0.086	-0.086
P5Q3M -0.094	ON K6D2L_R	16.745	-0.095	-0.095
P5Q3M -0.090	ON K6D2M_R	13.378	-0.091	-0.091
P5Q3M -0.099	ON K6D2O_R	15.490	-0.100	-0.100
P5Q3M -0.066	ON K6D2S_R	13.624	-0.066	-0.066
P5Q3M -0.101	ON K6D2V_R	17.093	-0.102	-0.102
P5Q3M -0.079	ON K6D2W_R	12.159	-0.080	-0.080
P5Q3M -0.085	ON K6D2Y_R	12.975	-0.085	-0.085
P5Q3M -0.077	ON K6D2AA_R	12.847	-0.077	-0.077
P5Q3M -0.095	ON K6D2AE_R	11.144	-0.096	-0.096
P5Q3M -0.096	ON K6D2AF_R	14.818	-0.097	-0.097
P5Q3M -0.107	ON K6D2AH_R	13.841	-0.108	-0.108
P5Q3M 0.727	ON P5Q3X	1286.510	0.718	0.718
P5Q3M 0.566	ON P5Q3AA	1321.662	0.550	0.550
P5Q3M 0.722	ON P5Q3AL	1300.608	0.711	0.711
P5Q3M 0.629	ON P5Q3AP	1318.831	0.615	0.615
P5Q3M 0.863	ON P5Q3BI	958.163	0.864	0.864
P5Q3M 0.698	ON P5Q3BZ	1428.215	0.683	0.683
P5Q3M 0.680	ON P5Q3CJ	1403.027	0.665	0.665

P5Q3M 0.667	ON P5Q3C	1264.554	0.658	0.658
P5Q3M 0.604	ON P5Q3O	1404.673	0.587	0.587
P5Q3M 0.675	ON P5Q3R	1350.467	0.666	0.666
P5Q3M 0.587	ON P5Q3S	1403.284	0.569	0.569
P5Q3M 0.580	ON P5Q3T	1398.887	0.562	0.562
P5Q3M 0.577	ON P5Q3U	1328.405	0.562	0.562
P5Q3M 0.597	ON P5Q3V	1312.729	0.581	0.581
P5Q3M 0.643	ON P5Q3AJ	1395.156	0.626	0.626
P5Q3M 0.617	ON P5Q3BC	1429.231	0.598	0.598
P5Q3M 0.642	ON P5Q3BN	1405.156	0.629	0.629
P5Q3M 0.612	ON P5Q3CF	1323.100	0.598	0.598
P5Q3M 0.625	ON P5Q3CG	1358.674	0.612	0.612
P5Q3M 0.721	ON P5Q3CH	1383.260	0.711	0.711
P5Q3M 0.803	ON P5Q3CI	1344.452	0.794	0.794
P5Q3M 0.684	ON P5Q3CN	1333.572	0.671	0.671
P5Q3M 0.574	ON P5Q3C0	1349.692	0.558	0.558
P5Q3M 0.597	ON P5Q3CQ	1445.176	0.575	0.575
P5Q3M 0.692	ON P5Q3CW	1301.923	0.681	0.681
P5Q3AB 0.081	ON K6F68_R	10.191	0.081	0.081
P5Q3AB 0.086	ON K6F74_R	11.033	0.086	0.086
P5Q3AB 0.188	ON P5Q3AV	16.178	0.186	0.186
P5Q3AB 0.384	ON P5Q3X	386.043	0.378	0.378
P5Q3AB 0.310	ON P5Q3AA	427.251	0.301	0.301
P5Q3AB 0.395	ON P5Q3AL	406.489	0.389	0.389
P5Q3AB 0.342	ON P5Q3AP	413.573	0.334	0.334

P5Q3AB 0.459	ON P5Q3BI	315.500	0.458	0.458
P5Q3AB 0.380	ON P5Q3BZ	450.696	0.371	0.371
P5Q3AB 0.374	ON P5Q3CJ	447.002	0.364	0.364
P5Q3AB 0.358	ON P5Q3C	373.574	0.353	0.353
P5Q3AB 0.331	ON P5Q30	419.412	0.321	0.321
P5Q3AB 0.372	ON P5Q3R	419.389	0.366	0.366
P5Q3AB 0.320	ON P5Q3S	421.619	0.310	0.310
P5Q3AB 0.314	ON P5Q3T	419.179	0.304	0.304
P5Q3AB 0.315	ON P5Q3U	417.407	0.306	0.306
P5Q3AB 0.319	ON P5Q3V	405.950	0.310	0.310
P5Q3AB 0.345	ON P5Q3AJ	427.605	0.335	0.335
P5Q3AB 0.336	ON P5Q3BC	446.772	0.324	0.324
P5Q3AB 0.356	ON P5Q3BN	422.419	0.347	0.347
P5Q3AB 0.340	ON P5Q3CF	433.345	0.332	0.332
P5Q3AB 0.349	ON P5Q3CG	433.650	0.341	0.341
P5Q3AB 0.401	ON P5Q3CH	446.260	0.394	0.394
P5Q3AB 0.450	ON P5Q3CI	456.826	0.444	0.444
P5Q3AB 0.363	ON P5Q3CN	405.474	0.356	0.356
P5Q3AB 0.314	ON P5Q3C0	416.396	0.304	0.304
P5Q3AB 0.326	ON P5Q3CQ	458.071	0.313	0.313
P5Q3AB 0.376	ON P5Q3CW	413.822	0.369	0.369
P5Q3AD 0.126	ON K6D2A_R	18.830	0.127	0.127
P5Q3AD 0.099	ON K6D2P_R	18.550	0.099	0.099
P5Q3AD 0.104	ON K6D2R_R	14.281	0.105	0.105
P5Q3AD 0.129	ON K6D2Z_R	22.881	0.130	0.130

P5Q3AD 0.102	ON K6D2AB_R	15.265	0.103	0.103
P5Q3AD 0.101	ON K6D2AJ_R	20.746	0.101	0.101
P5Q3AD 0.119	ON K6D61C	29.377	0.119	0.119
P5Q3AD 0.108	ON K6D61D	17.092	0.109	0.109
P5Q3AD 0.148	ON K6D61E	26.774	0.149	0.149
P5Q3AD 0.115	ON K6D61K	26.759	0.114	0.114
P5Q3AD 0.145	ON K6D61L	21.168	0.146	0.146
P5Q3AD 0.143	ON K6D61M	18.639	0.144	0.144
P5Q3AD 0.165	ON K6D40_R	31.072	0.166	0.166
P5Q3AD 0.148	ON K6D48_R	23.146	0.150	0.150
P5Q3AD 0.131	ON K6F63_R	20.458	0.132	0.132
P5Q3AD 0.175	ON K6F68_R	32.257	0.176	0.176
P5Q3AD 0.177	ON K6F74_R	31.802	0.178	0.178
P5Q3AD 0.571	ON P5Q3X	672.434	0.567	0.567
P5Q3AD 0.432	ON P5Q3AA	629.602	0.421	0.421
P5Q3AD 0.566	ON P5Q3AL	672.604	0.560	0.560
P5Q3AD 0.488	ON P5Q3AP	661.096	0.480	0.480
P5Q3AD 0.672	ON P5Q3BI	515.471	0.676	0.676
P5Q3AD 0.538	ON P5Q3BZ	713.989	0.528	0.528
P5Q3AD 0.523	ON P5Q3CJ	705.524	0.513	0.513
P5Q3AD 0.511	ON P5Q3C	596.778	0.507	0.507
P5Q3AD 0.476	ON P5Q30	693.478	0.465	0.465
P5Q3AD 0.522	ON P5Q3R	640.500	0.517	0.517
P5Q3AD 0.462	ON P5Q3S	687.415	0.450	0.450
P5Q3AD 0.456	ON P5Q3T	689.539	0.443	0.443

P5Q3AD 0.439	ON P5Q3U	640.932	0.430	0.430
P5Q3AD 0.456	ON P5Q3V	652.722	0.445	0.445
P5Q3AD 0.498	ON P5Q3AJ	708.667	0.487	0.487
P5Q3AD 0.479	ON P5Q3BC	727.134	0.466	0.466
P5Q3AD 0.506	ON P5Q3BN	687.599	0.498	0.498
P5Q3AD 0.469	ON P5Q3CF	642.630	0.461	0.461
P5Q3AD 0.492	ON P5Q3CG	672.209	0.484	0.484
P5Q3AD 0.566	ON P5Q3CH	690.120	0.560	0.560
P5Q3AD 0.621	ON P5Q3CI	712.185	0.618	0.618
P5Q3AD 0.523	ON P5Q3CN	662.602	0.516	0.516
P5Q3AD 0.443	ON P5Q3C0	641.705	0.433	0.433
P5Q3AD 0.459	ON P5Q3CQ	729.915	0.444	0.444
P5Q3AD 0.536	ON P5Q3CW	652.543	0.530	0.530
P5Q3AF -0.106	ON K6B1A_R	14.690	-0.108	-0.108
P5Q3AF -0.124	ON K6B1B_R	24.615	-0.126	-0.126
P5Q3AF -0.133	ON K6B1C_R	26.822	-0.135	-0.135
P5Q3AF -0.156	ON K6B1D_R	26.443	-0.159	-0.159
P5Q3AF -0.155	ON K5E1A	11.863	-0.158	-0.158
P5Q3AF -0.158	ON K5E1C	12.036	-0.161	-0.161
P5Q3AF -0.175	ON K5E1D	13.658	-0.178	-0.178
P5Q3AF 0.119	ON K6D2AG_R	28.587	0.121	0.121
P5Q3AF 0.142	ON K6D2AI_R	26.031	0.144	0.144
P5Q3AF 0.136	ON K6D2D_R	28.176	0.138	0.138
P5Q3AF 0.133	ON K6D2J_R	23.472	0.135	0.135
P5Q3AF 0.134	ON K6D2T_R	29.175	0.136	0.136

P5Q3AF 0.115	ON K6D2AC_R	32.693	0.117	0.117
P5Q3AF 0.141	ON K6D2AK_R	25.052	0.143	0.143
P5Q3AF 0.126	ON K6D2C_R	21.834	0.128	0.128
P5Q3AF 0.119	ON K6D2N_R	32.374	0.120	0.120
P5Q3AF 0.131	ON K6D2X_R	30.771	0.133	0.133
P5Q3AF 0.309	ON K6D2A_R	101.218	0.314	0.314
P5Q3AF 0.253	ON K6D2P_R	111.755	0.255	0.255
P5Q3AF 0.278	ON K6D2R_R	92.221	0.282	0.282
P5Q3AF 0.285	ON K6D2Z_R	104.077	0.289	0.289
P5Q3AF 0.271	ON K6D2AB_R	99.499	0.274	0.274
P5Q3AF 0.253	ON K6D2AJ_R	119.198	0.255	0.255
P5Q3AF 0.278	ON K6D61C	146.117	0.279	0.279
P5Q3AF 0.287	ON K6D61D	107.233	0.290	0.290
P5Q3AF 0.347	ON K6D61E	135.804	0.351	0.351
P5Q3AF 0.278	ON K6D61K	142.924	0.278	0.278
P5Q3AF 0.353	ON K6D61L	118.878	0.357	0.357
P5Q3AF 0.357	ON K6D61M	101.820	0.362	0.362
P5Q3AF 0.381	ON K6D40_R	157.995	0.385	0.385
P5Q3AF 0.363	ON K6D48_R	127.337	0.367	0.367
P5Q3AF 0.336	ON K6F63_R	123.963	0.340	0.340
P5Q3AF 0.409	ON K6F68_R	165.639	0.412	0.412
P5Q3AF 0.417	ON K6F74_R	161.242	0.421	0.421
P5Q3AF -0.095	ON K6D2B_R	17.212	-0.097	-0.097
P5Q3AF -0.099	ON K6D2F_R	16.944	-0.101	-0.101
P5Q3AF -0.142	ON K6D2G_R	15.397	-0.144	-0.144

P5Q3AF -0.118	ON K6D2I_R	15.492	-0.120	-0.120
P5Q3AF -0.116	ON K6D2K_R	18.141	-0.118	-0.118
P5Q3AF -0.111	ON K6D2L_R	19.364	-0.113	-0.113
P5Q3AF -0.116	ON K6D2M_R	18.733	-0.117	-0.117
P5Q3AF -0.106	ON K6D2O_R	14.221	-0.107	-0.107
P5Q3AF -0.075	ON K6D2S_R	14.319	-0.076	-0.076
P5Q3AF -0.110	ON K6D2V_R	16.758	-0.112	-0.112
P5Q3AF -0.089	ON K6D2W_R	12.664	-0.091	-0.091
P5Q3AF -0.104	ON K6D2Y_R	16.027	-0.106	-0.106
P5Q3AF -0.091	ON K6D2AA_R	14.633	-0.093	-0.093
P5Q3AF -0.103	ON K6D2AE_R	10.631	-0.105	-0.105
P5Q3AF -0.112	ON K6D2AF_R	16.668	-0.114	-0.114
P5Q3AF -0.126	ON K6D2AH_R	15.953	-0.128	-0.128
P5Q3AF 0.244	ON P5Q3AH	25.500	0.242	0.242
P5Q3AF 0.746	ON P5Q3X	1125.704	0.743	0.743
P5Q3AF 0.580	ON P5Q3AA	1133.805	0.568	0.568
P5Q3AF 0.735	ON P5Q3AL	1140.066	0.730	0.730
P5Q3AF 0.641	ON P5Q3AP	1138.368	0.633	0.633
P5Q3AF 0.904	ON P5Q3BI	886.189	0.913	0.913
P5Q3AF 0.708	ON P5Q3BZ	1239.838	0.698	0.698
P5Q3AF 0.684	ON P5Q3CJ	1214.072	0.674	0.674
P5Q3AF 0.696	ON P5Q3C	1135.287	0.692	0.692
P5Q3AF 0.622	ON P5Q3O	1199.677	0.610	0.610
P5Q3AF 0.704	ON P5Q3R	1156.175	0.700	0.700
P5Q3AF 0.606	ON P5Q3S	1194.194	0.593	0.593

P5Q3AF 0.595	ON P5Q3T	1192.622	0.581	0.581
P5Q3AF 0.589	ON P5Q3U	1149.438	0.578	0.578
P5Q3AF 0.596	ON P5Q3V	1121.276	0.585	0.585
P5Q3AF 0.651	ON P5Q3AJ	1215.046	0.639	0.639
P5Q3AF 0.628	ON P5Q3BC	1236.882	0.613	0.613
P5Q3AF 0.653	ON P5Q3BN	1212.109	0.645	0.645
P5Q3AF 0.621	ON P5Q3CF	1152.918	0.612	0.612
P5Q3AF 0.642	ON P5Q3CG	1171.482	0.633	0.633
P5Q3AF 0.730	ON P5Q3CH	1194.616	0.725	0.725
P5Q3AF 0.809	ON P5Q3CI	1165.987	0.807	0.807
P5Q3AF 0.689	ON P5Q3CN	1136.731	0.682	0.682
P5Q3AF 0.587	ON P5Q3C0	1182.680	0.575	0.575
P5Q3AF 0.599	ON P5Q3CQ	1256.692	0.582	0.582
P5Q3AF 0.709	ON P5Q3CW	1131.706	0.704	0.704
P5Q3AH -0.121	ON K6B1A_R	13.052	-0.124	-0.124
P5Q3AH -0.113	ON K6B1B_R	13.983	-0.116	-0.116
P5Q3AH -0.140	ON K6B1C_R	20.144	-0.143	-0.143
P5Q3AH -0.147	ON K6B1D_R	15.265	-0.150	-0.150
P5Q3AH -0.199	ON K5E1A	13.028	-0.204	-0.204
P5Q3AH -0.233	ON K5E1C	17.634	-0.239	-0.239
P5Q3AH -0.212	ON K5E1D	14.309	-0.217	-0.217
P5Q3AH 0.143	ON K6D2AG_R	28.297	0.146	0.146
P5Q3AH 0.162	ON K6D2AI_R	23.533	0.166	0.166
P5Q3AH 0.155	ON K6D2D_R	26.068	0.158	0.158
P5Q3AH 0.148	ON K6D2J_R	22.283	0.151	0.151

P5Q3AH 0.159	ON K6D2T_R	28.580	0.162	0.162
P5Q3AH 0.137	ON K6D2AC_R	31.638	0.139	0.139
P5Q3AH 0.189	ON K6D2AK_R	31.822	0.193	0.193
P5Q3AH 0.143	ON K6D2C_R	19.582	0.146	0.146
P5Q3AH 0.141	ON K6D2N_R	32.043	0.144	0.144
P5Q3AH 0.154	ON K6D2X_R	29.905	0.158	0.158
P5Q3AH 0.330	ON K6D2A_R	79.433	0.336	0.336
P5Q3AH 0.269	ON K6D2P_R	91.015	0.273	0.273
P5Q3AH 0.311	ON K6D2R_R	81.063	0.316	0.316
P5Q3AH 0.334	ON K6D2Z_R	95.202	0.340	0.340
P5Q3AH 0.299	ON K6D2AB_R	84.682	0.304	0.304
P5Q3AH 0.278	ON K6D2AJ_R	100.996	0.282	0.282
P5Q3AH 0.311	ON K6D61C	128.420	0.313	0.313
P5Q3AH 0.325	ON K6D61D	94.001	0.330	0.330
P5Q3AH 0.397	ON K6D61E	123.300	0.403	0.403
P5Q3AH 0.306	ON K6D61K	124.255	0.308	0.308
P5Q3AH 0.398	ON K6D61L	102.661	0.405	0.405
P5Q3AH 0.400	ON K6D61M	90.910	0.408	0.408
P5Q3AH 0.427	ON K6D40_R	134.152	0.433	0.433
P5Q3AH 0.394	ON K6D48_R	101.897	0.401	0.401
P5Q3AH 0.376	ON K6F63_R	103.349	0.382	0.382
P5Q3AH 0.457	ON K6F68_R	145.343	0.464	0.464
P5Q3AH 0.463	ON K6F74_R	142.926	0.470	0.470
P5Q3AH -0.101	ON K6D2B_R	13.001	-0.103	-0.103
P5Q3AH -0.102	ON K6D2F_R	11.672	-0.104	-0.104

P5Q3AH -0.145	ON K6D2G_R	10.680	-0.148	-0.148
P5Q3AH -0.132	ON K6D2I_R	12.966	-0.135	-0.135
P5Q3AH -0.128	ON K6D2K_R	14.713	-0.130	-0.130
P5Q3AH -0.119	ON K6D2L_R	14.622	-0.122	-0.122
P5Q3AH -0.119	ON K6D2M_R	12.778	-0.121	-0.121
P5Q3AH -0.114	ON K6D2O_R	10.803	-0.116	-0.116
P5Q3AH -0.085	ON K6D2S_R	12.014	-0.086	-0.086
P5Q3AH -0.137	ON K6D2V_R	17.545	-0.140	-0.140
P5Q3AH -0.113	ON K6D2W_R	14.259	-0.116	-0.116
P5Q3AH -0.108	ON K6D2Y_R	10.965	-0.110	-0.110
P5Q3AH -0.099	ON K6D2AA_R	11.592	-0.102	-0.102
P5Q3AH -0.138	ON K6D2AE_R	13.012	-0.142	-0.142
P5Q3AH -0.126	ON K6D2AF_R	13.783	-0.129	-0.129
P5Q3AH -0.133	ON K6D2AH_R	11.788	-0.136	-0.136
P5Q3AH 0.241	ON P5Q3AF	25.501	0.242	0.242
P5Q3AH -0.221	ON P5Q3BB2	10.681	-0.223	-0.223
P5Q3AH 0.844	ON P5Q3X	1102.537	0.846	0.846
P5Q3AH 0.659	ON P5Q3AA	1140.695	0.649	0.649
P5Q3AH 0.831	ON P5Q3AL	1142.616	0.831	0.831
P5Q3AH 0.722	ON P5Q3AP	1140.806	0.717	0.717
P5Q3AH 1.066	ON P5Q3BI	915.602	1.083	1.083
P5Q3AH 0.783	ON P5Q3BZ	1219.991	0.776	0.776
P5Q3AH 0.752	ON P5Q3CJ	1190.809	0.745	0.745
P5Q3AH 0.781	ON P5Q3C	1095.593	0.782	0.782
P5Q3AH 0.692	ON P5Q3O	1164.633	0.682	0.682

P5Q3AH 0.787	ON P5Q3R	1115.717	0.787	0.787
P5Q3AH 0.677	ON P5Q3S	1175.075	0.666	0.666
P5Q3AH 0.662	ON P5Q3T	1169.038	0.650	0.650
P5Q3AH 0.666	ON P5Q3U	1146.369	0.657	0.657
P5Q3AH 0.676	ON P5Q3V	1126.474	0.667	0.667
P5Q3AH 0.718	ON P5Q3AJ	1192.578	0.709	0.709
P5Q3AH 0.691	ON P5Q3BC	1225.067	0.679	0.679
P5Q3AH 0.743	ON P5Q3BN	1157.632	0.738	0.738
P5Q3AH 0.684	ON P5Q3CF	1135.234	0.678	0.678
P5Q3AH 0.717	ON P5Q3CG	1132.117	0.712	0.712
P5Q3AH 0.804	ON P5Q3CH	1184.327	0.803	0.803
P5Q3AH 0.907	ON P5Q3CI	1151.378	0.911	0.911
P5Q3AH 0.780	ON P5Q3CN	1133.786	0.776	0.776
P5Q3AH 0.669	ON P5Q3C0	1164.143	0.659	0.659
P5Q3AH 0.664	ON P5Q3CQ	1234.949	0.649	0.649
P5Q3AH 0.795	ON P5Q3CW	1126.408	0.794	0.794
P5Q3AR 0.197	ON K6D2A_R	38.810	0.199	0.199
P5Q3AR 0.166	ON K6D2P_R	45.280	0.166	0.166
P5Q3AR 0.177	ON K6D2R_R	35.533	0.178	0.178
P5Q3AR 0.190	ON K6D2Z_R	42.620	0.191	0.191
P5Q3AR 0.179	ON K6D2AB_R	39.739	0.180	0.180
P5Q3AR 0.166	ON K6D2AJ_R	46.159	0.167	0.167
P5Q3AR 0.186	ON K6D61C	57.802	0.186	0.186
P5Q3AR 0.201	ON K6D61D	47.702	0.203	0.203
P5Q3AR 0.243	ON K6D61E	60.610	0.244	0.244

P5Q3AR 0.186	ON K6D61K	57.596	0.185	0.185
P5Q3AR 0.243	ON K6D61L	48.727	0.245	0.245
P5Q3AR 0.222	ON K6D61M	38.064	0.224	0.224
P5Q3AR 0.245	ON K6D40_R	58.321	0.246	0.246
P5Q3AR 0.230	ON K6D48_R	45.608	0.231	0.231
P5Q3AR 0.214	ON K6F63_R	44.818	0.216	0.216
P5Q3AR 0.274	ON K6F68_R	65.071	0.275	0.275
P5Q3AR 0.270	ON K6F74_R	63.357	0.272	0.272
P5Q3AR 0.634	ON P5Q3X	715.044	0.629	0.629
P5Q3AR 0.491	ON P5Q3AA	735.489	0.479	0.479
P5Q3AR 0.630	ON P5Q3AL	746.619	0.624	0.624
P5Q3AR 0.553	ON P5Q3AP	746.557	0.543	0.543
P5Q3AR 0.772	ON P5Q3BI	573.912	0.776	0.776
P5Q3AR 0.597	ON P5Q3BZ	792.281	0.585	0.585
P5Q3AR 0.571	ON P5Q3CJ	779.031	0.560	0.560
P5Q3AR 0.580	ON P5Q3C	674.763	0.574	0.574
P5Q3AR 0.533	ON P5Q30	763.457	0.520	0.520
P5Q3AR 0.581	ON P5Q3R	685.247	0.575	0.575
P5Q3AR 0.513	ON P5Q3S	761.280	0.499	0.499
P5Q3AR 0.507	ON P5Q3T	767.098	0.493	0.493
P5Q3AR 0.494	ON P5Q3U	708.231	0.483	0.483
P5Q3AR 0.517	ON P5Q3V	749.922	0.505	0.505
P5Q3AR 0.557	ON P5Q3AJ	795.517	0.545	0.545
P5Q3AR 0.526	ON P5Q3BC	799.066	0.511	0.511
P5Q3AR 0.566	ON P5Q3BN	747.198	0.556	0.556

P5Q3AR 0.533	ON P5Q3CF	741.904	0.523	0.523
P5Q3AR 0.547	ON P5Q3CG	769.389	0.538	0.538
P5Q3AR 0.630	ON P5Q3CH	761.784	0.623	0.623
P5Q3AR 0.688	ON P5Q3CI	767.999	0.684	0.684
P5Q3AR 0.595	ON P5Q3CN	749.773	0.586	0.586
P5Q3AR 0.504	ON P5Q3C0	742.375	0.491	0.491
P5Q3AR 0.512	ON P5Q3CQ	802.527	0.495	0.495
P5Q3AR 0.601	ON P5Q3CW	747.536	0.594	0.594
P5Q3AV 0.128	ON K6D2A_R	17.399	0.130	0.130
P5Q3AV 0.124	ON K6D2P_R	27.060	0.125	0.125
P5Q3AV 0.131	ON K6D2R_R	20.538	0.133	0.133
P5Q3AV 0.127	ON K6D2Z_R	20.787	0.129	0.129
P5Q3AV 0.133	ON K6D2AB_R	23.234	0.135	0.135
P5Q3AV 0.121	ON K6D2AJ_R	27.233	0.122	0.122
P5Q3AV 0.137	ON K6D61C	34.707	0.138	0.138
P5Q3AV 0.136	ON K6D61D	24.217	0.138	0.138
P5Q3AV 0.178	ON K6D61E	35.436	0.180	0.180
P5Q3AV 0.131	ON K6D61K	31.532	0.131	0.131
P5Q3AV 0.167	ON K6D61L	26.364	0.170	0.170
P5Q3AV 0.164	ON K6D61M	22.304	0.167	0.167
P5Q3AV 0.188	ON K6D40_R	36.482	0.190	0.190
P5Q3AV 0.173	ON K6D48_R	29.074	0.175	0.175
P5Q3AV 0.154	ON K6F63_R	25.545	0.156	0.156
P5Q3AV 0.209	ON K6F68_R	41.537	0.211	0.211
P5Q3AV 0.210	ON K6F74_R	40.777	0.213	0.213

P5Q3AV 0.183	ON P5Q3AB	16.179	0.186	0.186
P5Q3AV 0.141	ON P5Q3DB	10.167	0.142	0.142
P5Q3AV 0.639	ON P5Q3X	807.747	0.639	0.639
P5Q3AV 0.493	ON P5Q3AA	802.456	0.484	0.484
P5Q3AV 0.640	ON P5Q3AL	829.822	0.637	0.637
P5Q3AV 0.552	ON P5Q3AP	833.395	0.547	0.547
P5Q3AV 0.741	ON P5Q3BI	599.722	0.750	0.750
P5Q3AV 0.606	ON P5Q3BZ	890.855	0.598	0.598
P5Q3AV 0.589	ON P5Q3CJ	879.018	0.582	0.582
P5Q3AV 0.599	ON P5Q3C	808.081	0.597	0.597
P5Q3AV 0.540	ON P5Q3O	858.532	0.531	0.531
P5Q3AV 0.603	ON P5Q3R	834.917	0.601	0.601
P5Q3AV 0.523	ON P5Q3S	863.552	0.513	0.513
P5Q3AV 0.508	ON P5Q3T	863.547	0.498	0.498
P5Q3AV 0.503	ON P5Q3U	820.214	0.495	0.495
P5Q3AV 0.516	ON P5Q3V	802.432	0.507	0.507
P5Q3AV 0.561	ON P5Q3AJ	867.888	0.553	0.553
P5Q3AV 0.539	ON P5Q3BC	903.096	0.527	0.527
P5Q3AV 0.573	ON P5Q3BN	862.188	0.567	0.567
P5Q3AV 0.539	ON P5Q3CF	852.316	0.532	0.532
P5Q3AV 0.554	ON P5Q3CG	885.244	0.548	0.548
P5Q3AV 0.633	ON P5Q3CH	911.482	0.630	0.630
P5Q3AV 0.693	ON P5Q3CI	888.982	0.694	0.694
P5Q3AV 0.598	ON P5Q3CN	832.104	0.594	0.594
P5Q3AV 0.508	ON P5Q3C0	853.474	0.499	0.499

P5Q3AV 0.520	ON P5Q3CQ	905.766	0.506	0.506
P5Q3AV 0.611	ON P5Q3CW	840.585	0.608	0.608
P5Q3AX 0.189	ON K6D2A_R	24.021	0.192	0.192
P5Q3AX 0.140	ON K6D2P_R	22.655	0.142	0.142
P5Q3AX 0.147	ON K6D2R_R	17.330	0.149	0.149
P5Q3AX 0.164	ON K6D2Z_R	22.979	0.167	0.167
P5Q3AX 0.147	ON K6D2AB_R	18.120	0.149	0.149
P5Q3AX 0.147	ON K6D2AJ_R	25.504	0.148	0.148
P5Q3AX 0.169	ON K6D61C	33.951	0.170	0.170
P5Q3AX 0.156	ON K6D61D	20.829	0.159	0.159
P5Q3AX 0.208	ON K6D61E	31.566	0.211	0.211
P5Q3AX 0.166	ON K6D61K	32.653	0.167	0.167
P5Q3AX 0.211	ON K6D61L	26.510	0.215	0.215
P5Q3AX 0.217	ON K6D61M	24.568	0.222	0.222
P5Q3AX 0.225	ON K6D40_R	33.882	0.228	0.228
P5Q3AX 0.210	ON K6D48_R	26.886	0.214	0.214
P5Q3AX 0.187	ON K6F63_R	23.923	0.190	0.190
P5Q3AX 0.247	ON K6F68_R	37.716	0.251	0.251
P5Q3AX 0.247	ON K6F74_R	36.721	0.251	0.251
P5Q3AX 0.655	ON P5Q3X	601.548	0.656	0.656
P5Q3AX 0.518	ON P5Q3AA	618.821	0.510	0.510
P5Q3AX 0.638	ON P5Q3AL	635.355	0.638	0.638
P5Q3AX 0.575	ON P5Q3AP	639.424	0.571	0.571
P5Q3AX 0.817	ON P5Q3BI	511.711	0.830	0.830
P5Q3AX 0.617	ON P5Q3BZ	680.932	0.612	0.612

P5Q3AX 0.605	ON P5Q3CJ	679.642	0.599	0.599
P5Q3AX 0.627	ON P5Q3C	607.691	0.628	0.628
P5Q3AX 0.553	ON P5Q30	658.123	0.545	0.545
P5Q3AX 0.629	ON P5Q3R	623.546	0.629	0.629
P5Q3AX 0.543	ON P5Q3S	662.504	0.535	0.535
P5Q3AX 0.527	ON P5Q3T	655.471	0.518	0.518
P5Q3AX 0.530	ON P5Q3U	624.289	0.523	0.523
P5Q3AX 0.532	ON P5Q3V	622.585	0.526	0.526
P5Q3AX 0.570	ON P5Q3AJ	670.960	0.562	0.562
P5Q3AX 0.548	ON P5Q3BC	699.160	0.538	0.538
P5Q3AX 0.594	ON P5Q3BN	658.270	0.590	0.590
P5Q3AX 0.566	ON P5Q3CF	652.633	0.561	0.561
P5Q3AX 0.589	ON P5Q3CG	672.634	0.585	0.585
P5Q3AX 0.649	ON P5Q3CH	697.593	0.649	0.649
P5Q3AX 0.713	ON P5Q3CI	684.846	0.716	0.716
P5Q3AX 0.608	ON P5Q3CN	647.726	0.606	0.606
P5Q3AX 0.532	ON P5Q3C0	646.316	0.524	0.524
P5Q3AX 0.530	ON P5Q3CQ	704.757	0.517	0.517
P5Q3AX 0.640	ON P5Q3CW	652.600	0.639	0.639
P5Q3BQ -0.063	ON K6B1B_R	10.864	-0.063	-0.063
P5Q3BQ -0.076	ON K6B1D_R	11.087	-0.077	-0.077
P5Q3BQ -0.108	ON K5E1C	10.259	-0.110	-0.110
P5Q3BQ 0.059	ON K6D2AG_R	12.292	0.059	0.059
P5Q3BQ 0.073	ON K6D2AI_R	11.842	0.074	0.074
P5Q3BQ 0.070	ON K6D2D_R	13.139	0.071	0.071

P5Q3BQ 0.064	ON K6D2T_R	11.730	0.065	0.065
P5Q3BQ 0.060	ON K6D2AC_R	15.165	0.060	0.060
P5Q3BQ 0.060	ON K6D2N_R	14.795	0.061	0.061
P5Q3BQ 0.061	ON K6D2X_R	11.302	0.062	0.062
P5Q3BQ 0.129	ON K6D2A_R	30.339	0.130	0.130
P5Q3BQ 0.110	ON K6D2P_R	36.446	0.110	0.110
P5Q3BQ 0.124	ON K6D2R_R	32.482	0.125	0.125
P5Q3BQ 0.106	ON K6D2Z_R	25.227	0.106	0.106
P5Q3BQ 0.110	ON K6D2AB_R	27.980	0.110	0.110
P5Q3BQ 0.106	ON K6D2AJ_R	35.816	0.106	0.106
P5Q3BQ 0.122	ON K6D61C	46.481	0.121	0.121
P5Q3BQ 0.118	ON K6D61D	31.667	0.118	0.118
P5Q3BQ 0.156	ON K6D61E	47.322	0.156	0.156
P5Q3BQ 0.123	ON K6D61K	47.415	0.123	0.123
P5Q3BQ 0.164	ON K6D61L	42.350	0.165	0.165
P5Q3BQ 0.167	ON K6D61M	39.221	0.168	0.168
P5Q3BQ 0.172	ON K6D40_R	53.955	0.173	0.173
P5Q3BQ 0.155	ON K6D48_R	38.460	0.156	0.156
P5Q3BQ 0.141	ON K6F63_R	36.701	0.141	0.141
P5Q3BQ 0.186	ON K6F68_R	57.226	0.186	0.186
P5Q3BQ 0.189	ON K6F74_R	58.298	0.190	0.190
P5Q3BQ -0.056	ON K6D2B_R	10.374	-0.056	-0.056
P5Q3BQ -0.063	ON K6D2F_R	11.440	-0.063	-0.063
P5Q3BQ -0.086	ON K6D2I_R	14.505	-0.087	-0.087
P5Q3BQ -0.076	ON K6D2K_R	13.917	-0.077	-0.077

P5Q3BQ -0.065	ON K6D2L_R	11.531	-0.066	-0.066
P5Q3BQ -0.077	ON K6D2M_R	14.563	-0.078	-0.078
P5Q3BQ -0.049	ON K6D2S_R	10.641	-0.050	-0.050
P5Q3BQ -0.078	ON K6D2V_R	14.595	-0.079	-0.079
P5Q3BQ -0.063	ON K6D2W_R	11.243	-0.064	-0.064
P5Q3BQ -0.067	ON K6D2Y_R	11.449	-0.068	-0.068
P5Q3BQ -0.060	ON K6D2AA_R	11.367	-0.061	-0.061
P5Q3BQ 0.145	ON P5Q3DB	15.309	0.145	0.145
P5Q3BQ 0.518	ON P5Q3X	761.633	0.513	0.513
P5Q3BQ 0.408	ON P5Q3AA	795.331	0.397	0.397
P5Q3BQ 0.537	ON P5Q3AL	828.629	0.531	0.531
P5Q3BQ 0.460	ON P5Q3AP	825.397	0.451	0.451
P5Q3BQ 0.632	ON P5Q3BI	711.772	0.635	0.635
P5Q3BQ 0.512	ON P5Q3BZ	890.857	0.501	0.501
P5Q3BQ 0.499	ON P5Q3CJ	882.053	0.488	0.488
P5Q3BQ 0.492	ON P5Q3C	819.493	0.487	0.487
P5Q3BQ 0.446	ON P5Q3O	841.982	0.434	0.434
P5Q3BQ 0.491	ON P5Q3R	828.215	0.486	0.486
P5Q3BQ 0.433	ON P5Q3S	834.504	0.421	0.421
P5Q3BQ 0.427	ON P5Q3T	844.745	0.414	0.414
P5Q3BQ 0.416	ON P5Q3U	812.247	0.406	0.406
P5Q3BQ 0.426	ON P5Q3V	789.243	0.416	0.416
P5Q3BQ 0.469	ON P5Q3AJ	857.269	0.457	0.457
P5Q3BQ 0.458	ON P5Q3BC	903.271	0.445	0.445
P5Q3BQ 0.483	ON P5Q3BN	872.300	0.474	0.474

P5Q3BQ 0.453	ON P5Q3CF	885.792	0.444	0.444
P5Q3BQ 0.463	ON P5Q3CG	881.229	0.455	0.455
P5Q3BQ 0.541	ON P5Q3CH	902.720	0.534	0.534
P5Q3BQ 0.598	ON P5Q3CI	898.940	0.593	0.593
P5Q3BQ 0.500	ON P5Q3CN	846.815	0.493	0.493
P5Q3BQ 0.424	ON P5Q3C0	866.426	0.413	0.413
P5Q3BQ 0.436	ON P5Q3CQ	903.157	0.420	0.420
P5Q3BQ 0.508	ON P5Q3CW	834.715	0.502	0.502
P5Q3CK 0.133	ON K6D2AG_R	13.729	0.136	0.136
P5Q3CK 0.154	ON K6D2AI_R	11.178	0.158	0.158
P5Q3CK 0.150	ON K6D2D_R	13.237	0.153	0.153
P5Q3CK 0.149	ON K6D2J_R	10.959	0.153	0.153
P5Q3CK 0.161	ON K6D2T_R	15.018	0.164	0.164
P5Q3CK 0.133	ON K6D2AC_R	16.097	0.135	0.135
P5Q3CK 0.191	ON K6D2AK_R	16.565	0.196	0.196
P5Q3CK 0.146	ON K6D2C_R	11.925	0.149	0.149
P5Q3CK 0.134	ON K6D2N_R	15.368	0.137	0.137
P5Q3CK 0.143	ON K6D2X_R	15.570	0.145	0.145
P5Q3CK 0.432	ON K6D2A_R	74.568	0.441	0.441
P5Q3CK 0.338	ON K6D2P_R	78.827	0.343	0.343
P5Q3CK 0.373	ON K6D2R_R	63.326	0.380	0.380
P5Q3CK 0.401	ON K6D2Z_R	80.463	0.408	0.408
P5Q3CK 0.354	ON K6D2AB_R	68.867	0.360	0.360
P5Q3CK 0.356	ON K6D2AJ_R	92.299	0.360	0.360
P5Q3CK 0.379	ON K6D61C	103.593	0.382	0.382

P5Q3CK 0.412	ON K6D61D	86.106	0.419	0.419
P5Q3CK 0.482	ON K6D61E	103.343	0.489	0.489
P5Q3CK 0.382	ON K6D61K	103.978	0.385	0.385
P5Q3CK 0.514	ON K6D61L	88.264	0.523	0.523
P5Q3CK 0.508	ON K6D61M	77.345	0.518	0.518
P5Q3CK 0.518	ON K6D40_R	109.247	0.526	0.526
P5Q3CK 0.509	ON K6D48_R	89.325	0.518	0.518
P5Q3CK 0.471	ON K6F63_R	90.591	0.479	0.479
P5Q3CK 0.571	ON K6F68_R	120.194	0.579	0.579
P5Q3CK 0.575	ON K6F74_R	117.573	0.584	0.584
P5Q3CK 0.949	ON P5Q3X	824.470	0.951	0.951
P5Q3CK 0.730	ON P5Q3AA	831.569	0.719	0.719
P5Q3CK 0.908	ON P5Q3AL	832.984	0.907	0.907
P5Q3CK 0.819	ON P5Q3AP	835.665	0.813	0.813
P5Q3CK 1.177	ON P5Q3BI	671.038	1.195	1.195
P5Q3CK 0.846	ON P5Q3BZ	895.437	0.838	0.838
P5Q3CK 0.800	ON P5Q3CJ	893.781	0.793	0.793
P5Q3CK 0.869	ON P5Q3C	791.899	0.869	0.869
P5Q3CK 0.773	ON P5Q30	880.611	0.762	0.762
P5Q3CK 0.892	ON P5Q3R	834.197	0.892	0.892
P5Q3CK 0.750	ON P5Q3S	881.169	0.737	0.737
P5Q3CK 0.737	ON P5Q3T	877.004	0.723	0.723
P5Q3CK 0.756	ON P5Q3U	839.481	0.746	0.746
P5Q3CK 0.762	ON P5Q3V	854.521	0.752	0.752
P5Q3CK 0.787	ON P5Q3AJ	878.335	0.777	0.777

P5Q3CK 0.745	ON P5Q3BC	900.531	0.731	0.731
P5Q3CK 0.808	ON P5Q3BN	862.254	0.802	0.802
P5Q3CK 0.782	ON P5Q3CF	854.832	0.775	0.775
P5Q3CK 0.805	ON P5Q3CG	864.813	0.798	0.798
P5Q3CK 0.888	ON P5Q3CH	848.785	0.887	0.887
P5Q3CK 0.973	ON P5Q3CI	837.430	0.976	0.976
P5Q3CK 0.843	ON P5Q3CN	829.049	0.839	0.839
P5Q3CK 0.715	ON P5Q3C0	848.106	0.704	0.704
P5Q3CK 0.710	ON P5Q3CQ	907.700	0.694	0.694
P5Q3CK 0.896	ON P5Q3CW	844.388	0.894	0.894
P5Q3DB 0.079	ON K6D40_R	10.362	0.079	0.079
P5Q3DB 0.143	ON P5Q3AV	10.166	0.142	0.142
P5Q3DB 0.145	ON P5Q3BQ	15.309	0.145	0.145
P5Q3DB -0.208	ON P5Q3E	15.739	-0.209	-0.209
P5Q3DB 0.452	ON P5Q3X	526.251	0.448	0.448
P5Q3DB 0.358	ON P5Q3AA	555.640	0.349	0.349
P5Q3DB 0.473	ON P5Q3AL	572.926	0.467	0.467
P5Q3DB 0.408	ON P5Q3AP	589.447	0.401	0.401
P5Q3DB 0.543	ON P5Q3BI	453.486	0.545	0.545
P5Q3DB 0.454	ON P5Q3BZ	632.803	0.445	0.445
P5Q3DB 0.439	ON P5Q3CJ	624.189	0.430	0.430
P5Q3DB 0.443	ON P5Q3C	619.579	0.438	0.438
P5Q3DB 0.400	ON P5Q30	604.294	0.390	0.390
P5Q3DB 0.439	ON P5Q3R	595.686	0.434	0.434
P5Q3DB 0.385	ON P5Q3S	595.416	0.374	0.374

P5Q3DB 0.379	ON P5Q3T	599.402	0.368	0.368
P5Q3DB 0.371	ON P5Q3U	580.540	0.361	0.361
P5Q3DB 0.372	ON P5Q3V	545.192	0.363	0.363
P5Q3DB 0.419	ON P5Q3AJ	611.655	0.409	0.409
P5Q3DB 0.409	ON P5Q3BC	648.811	0.397	0.397
P5Q3DB 0.426	ON P5Q3BN	607.853	0.418	0.418
P5Q3DB 0.401	ON P5Q3CF	619.644	0.393	0.393
P5Q3DB 0.414	ON P5Q3CG	624.641	0.406	0.406
P5Q3DB 0.482	ON P5Q3CH	647.749	0.476	0.476
P5Q3DB 0.525	ON P5Q3CI	617.525	0.520	0.520
P5Q3DB 0.445	ON P5Q3CN	607.189	0.438	0.438
P5Q3DB 0.376	ON P5Q3C0	600.416	0.366	0.366
P5Q3DB 0.390	ON P5Q3CQ	649.091	0.376	0.376
P5Q3DB 0.452	ON P5Q3CW	592.807	0.446	0.446
P5Q3E -0.076	ON K6B1B_R	10.429	-0.076	-0.076
P5Q3E -0.095	ON K6B1D_R	11.118	-0.096	-0.096
P5Q3E -0.168	ON K5E1D	14.203	-0.169	-0.169
P5Q3E 0.082	ON K6D2AG_R	15.603	0.083	0.083
P5Q3E 0.104	ON K6D2AI_R	15.714	0.105	0.105
P5Q3E 0.099	ON K6D2D_R	16.625	0.099	0.099
P5Q3E 0.099	ON K6D2J_R	14.938	0.099	0.099
P5Q3E 0.094	ON K6D2T_R	16.248	0.095	0.095
P5Q3E 0.082	ON K6D2AC_R	18.847	0.083	0.083
P5Q3E 0.102	ON K6D2AK_R	14.784	0.102	0.102
P5Q3E 0.103	ON K6D2C_R	16.993	0.104	0.104

P5Q3E 0.086	ON K6D2N_R	19.519	0.086	0.086
P5Q3E 0.106	ON K6D2X_R	22.860	0.106	0.106
P5Q3E 0.192	ON K6D2A_R	44.695	0.193	0.193
P5Q3E 0.144	ON K6D2P_R	40.823	0.144	0.144
P5Q3E 0.178	ON K6D2R_R	43.295	0.178	0.178
P5Q3E 0.175	ON K6D2Z_R	44.607	0.175	0.175
P5Q3E 0.167	ON K6D2AB_R	41.897	0.167	0.167
P5Q3E 0.143	ON K6D2AJ_R	42.955	0.142	0.142
P5Q3E 0.155	ON K6D61C	49.487	0.154	0.154
P5Q3E 0.179	ON K6D61D	47.472	0.178	0.178
P5Q3E 0.203	ON K6D61E	51.872	0.203	0.203
P5Q3E 0.155	ON K6D61K	48.284	0.153	0.153
P5Q3E 0.203	ON K6D61L	43.104	0.203	0.203
P5Q3E 0.179	ON K6D61M	28.863	0.179	0.179
P5Q3E 0.222	ON K6D40_R	57.517	0.221	0.221
P5Q3E 0.202	ON K6D48_R	44.348	0.202	0.202
P5Q3E 0.188	ON K6F63_R	44.368	0.188	0.188
P5Q3E 0.233	ON K6F68_R	58.919	0.233	0.233
P5Q3E 0.240	ON K6F74_R	58.373	0.239	0.239
P5Q3E -0.210	ON P5Q3DB	15.740	-0.209	-0.209
P5Q3E 0.473	ON P5Q3X	456.816	0.466	0.466
P5Q3E 0.344	ON P5Q3AA	384.995	0.333	0.333
P5Q3E 0.463	ON P5Q3AL	425.267	0.455	0.455
P5Q3E 0.400	ON P5Q3AP	418.502	0.391	0.391
P5Q3E 0.533	ON P5Q3BI	309.203	0.532	0.532

P5Q3E 0.450	ON P5Q3BZ	455.870	0.439	0.439
P5Q3E 0.437	ON P5Q3CJ	459.101	0.426	0.426
P5Q3E 0.408	ON P5Q3C	362.332	0.402	0.402
P5Q3E 0.394	ON P5Q30	455.337	0.382	0.382
P5Q3E 0.422	ON P5Q3R	397.436	0.415	0.415
P5Q3E 0.381	ON P5Q3S	462.815	0.368	0.368
P5Q3E 0.374	ON P5Q3T	448.774	0.361	0.361
P5Q3E 0.355	ON P5Q3U	388.888	0.345	0.345
P5Q3E 0.372	ON P5Q3V	402.808	0.361	0.361
P5Q3E 0.415	ON P5Q3AJ	452.786	0.403	0.403
P5Q3E 0.398	ON P5Q3BC	458.355	0.384	0.384
P5Q3E 0.424	ON P5Q3BN	454.722	0.414	0.414
P5Q3E 0.388	ON P5Q3CF	407.652	0.378	0.378
P5Q3E 0.408	ON P5Q3CG	447.395	0.398	0.398
P5Q3E 0.468	ON P5Q3CH	442.313	0.460	0.460
P5Q3E 0.517	ON P5Q3CI	453.443	0.510	0.510
P5Q3E 0.436	ON P5Q3CN	427.476	0.427	0.427
P5Q3E 0.365	ON P5Q3C0	412.767	0.354	0.354
P5Q3E 0.386	ON P5Q3CQ	469.648	0.371	0.371
P5Q3E 0.442	ON P5Q3CW	416.307	0.434	0.434
P5Q3A0 -0.102	ON K6B1A_R	15.360	-0.103	-0.103
P5Q3A0 -0.094	ON K6B1B_R	16.458	-0.095	-0.095
P5Q3A0 -0.089	ON K6B1C_R	14.623	-0.090	-0.090
P5Q3A0 -0.124	ON K6B1D_R	20.134	-0.125	-0.125
P5Q3A0 -0.179	ON K5E1A	18.137	-0.182	-0.182

P5Q3A0 -0.205	ON K5E1B	23.094	-0.208	-0.208
P5Q3A0 -0.210	ON K5E1C	26.004	-0.213	-0.213
P5Q3A0 -0.230	ON K5E1D	28.254	-0.234	-0.234
P5Q3A0 0.121	ON K6D2AG_R	36.287	0.122	0.122
P5Q3A0 0.141	ON K6D2AI_R	30.889	0.143	0.143
P5Q3A0 0.142	ON K6D2D_R	36.826	0.143	0.143
P5Q3A0 0.133	ON K6D2J_R	28.713	0.135	0.135
P5Q3A0 0.132	ON K6D2T_R	34.637	0.134	0.134
P5Q3A0 0.111	ON K6D2AC_R	36.996	0.112	0.112
P5Q3A0 0.159	ON K6D2AK_R	39.003	0.161	0.161
P5Q3A0 0.131	ON K6D2C_R	29.594	0.133	0.133
P5Q3A0 0.117	ON K6D2N_R	39.587	0.118	0.118
P5Q3A0 0.132	ON K6D2X_R	37.572	0.133	0.133
P5Q3A0 0.161	ON K6D2A_R	34.439	0.163	0.163
P5Q3A0 0.146	ON K6D2P_R	45.469	0.147	0.147
P5Q3A0 0.186	ON K6D2R_R	47.868	0.187	0.187
P5Q3A0 0.175	ON K6D2Z_R	45.691	0.176	0.176
P5Q3A0 0.161	ON K6D2AB_R	40.233	0.162	0.162
P5Q3A0 0.151	ON K6D2AJ_R	50.845	0.151	0.151
P5Q3A0 0.166	ON K6D61C	59.596	0.165	0.165
P5Q3A0 0.158	ON K6D61D	39.299	0.158	0.158
P5Q3A0 0.211	ON K6D61E	57.730	0.212	0.212
P5Q3A0 0.165	ON K6D61K	57.471	0.164	0.164
P5Q3A0 0.210	ON K6D61L	47.400	0.211	0.211
P5Q3A0 0.197	ON K6D61M	39.013	0.199	0.199

P5Q3A0 0.230	ON K6D40_R	64.295	0.231	0.231
P5Q3A0 0.208	ON K6D48_R	47.497	0.209	0.209
P5Q3A0 0.196	ON K6F63_R	49.063	0.197	0.197
P5Q3A0 0.248	ON K6F68_R	69.689	0.249	0.249
P5Q3A0 0.253	ON K6F74_R	69.922	0.254	0.254
P5Q3A0 -0.092	ON K6D2B_R	19.613	-0.093	-0.093
P5Q3A0 -0.106	ON K6D2F_R	22.700	-0.107	-0.107
P5Q3A0 -0.155	ON K6D2G_R	22.061	-0.157	-0.157
P5Q3A0 -0.106	ON K6D2I_R	15.074	-0.107	-0.107
P5Q3A0 -0.106	ON K6D2K_R	18.758	-0.107	-0.107
P5Q3A0 -0.112	ON K6D2L_R	23.634	-0.113	-0.113
P5Q3A0 -0.104	ON K6D2M_R	18.425	-0.105	-0.105
P5Q3A0 -0.125	ON K6D2O_R	24.572	-0.127	-0.127
P5Q3A0 -0.086	ON K6D2S_R	22.252	-0.086	-0.086
P5Q3A0 -0.121	ON K6D2V_R	24.193	-0.122	-0.122
P5Q3A0 -0.105	ON K6D2W_R	21.229	-0.106	-0.106
P5Q3A0 -0.103	ON K6D2Y_R	18.757	-0.104	-0.104
P5Q3A0 -0.111	ON K6D2AA_R	26.165	-0.112	-0.112
P5Q3A0 -0.124	ON K6D2AE_R	19.529	-0.126	-0.126
P5Q3A0 -0.124	ON K6D2AF_R	24.586	-0.125	-0.125
P5Q3A0 -0.122	ON K6D2AH_R	17.961	-0.124	-0.124
P5Q3A0 0.263	ON P5Q3DA	31.101	0.261	0.261
P5Q3A0 0.523	ON P5Q3X	569.631	0.518	0.518
P5Q3A0 0.400	ON P5Q3AA	544.101	0.390	0.390
P5Q3A0 0.526	ON P5Q3AL	575.154	0.520	0.520

P5Q3A0 0.444	ON P5Q3AP	566.801	0.436	0.436
P5Q3A0 0.636	ON P5Q3BI	467.148	0.639	0.639
P5Q3A0 0.499	ON P5Q3BZ	624.000	0.489	0.489
P5Q3A0 0.486	ON P5Q3CJ	619.719	0.476	0.476
P5Q3A0 0.470	ON P5Q3C	508.637	0.466	0.466
P5Q3A0 0.443	ON P5Q3O	610.597	0.432	0.432
P5Q3A0 0.481	ON P5Q3R	534.129	0.476	0.476
P5Q3A0 0.429	ON P5Q3S	601.776	0.417	0.417
P5Q3A0 0.420	ON P5Q3T	600.137	0.408	0.408
P5Q3A0 0.405	ON P5Q3U	536.068	0.395	0.395
P5Q3A0 0.419	ON P5Q3V	547.711	0.410	0.410
P5Q3A0 0.464	ON P5Q3AJ	615.129	0.453	0.453
P5Q3A0 0.444	ON P5Q3BC	629.246	0.431	0.431
P5Q3A0 0.470	ON P5Q3BN	582.811	0.462	0.462
P5Q3A0 0.442	ON P5Q3CF	582.412	0.433	0.433
P5Q3A0 0.463	ON P5Q3CG	619.939	0.455	0.455
P5Q3A0 0.523	ON P5Q3CH	597.099	0.518	0.518
P5Q3A0 0.578	ON P5Q3CI	615.877	0.574	0.574
P5Q3A0 0.491	ON P5Q3CN	585.038	0.483	0.483
P5Q3A0 0.416	ON P5Q3CO	572.526	0.405	0.405
P5Q3A0 0.429	ON P5Q3CQ	625.543	0.414	0.414
P5Q3A0 0.499	ON P5Q3CW	570.442	0.493	0.493
P5Q3BK 0.095	ON K6D2AK_R	11.704	0.097	0.097
P5Q3BK 0.081	ON K6D2X_R	12.047	0.082	0.082
P5Q3BK 0.178	ON K6D2A_R	36.561	0.180	0.180

P5Q3BK 0.153	ON K6D2P_R	43.301	0.154	0.154
P5Q3BK 0.184	ON K6D2R_R	40.247	0.186	0.186
P5Q3BK 0.184	ON K6D2Z_R	44.005	0.185	0.185
P5Q3BK 0.173	ON K6D2AB_R	41.077	0.174	0.174
P5Q3BK 0.158	ON K6D2AJ_R	46.992	0.158	0.158
P5Q3BK 0.172	ON K6D61C	55.941	0.171	0.171
P5Q3BK 0.179	ON K6D61D	42.631	0.180	0.180
P5Q3BK 0.211	ON K6D61E	50.626	0.213	0.213
P5Q3BK 0.167	ON K6D61K	53.224	0.167	0.167
P5Q3BK 0.222	ON K6D61L	46.235	0.223	0.223
P5Q3BK 0.203	ON K6D61M	34.695	0.205	0.205
P5Q3BK 0.238	ON K6D40_R	59.229	0.239	0.239
P5Q3BK 0.220	ON K6D48_R	46.142	0.222	0.222
P5Q3BK 0.205	ON K6F63_R	45.482	0.207	0.207
P5Q3BK 0.259	ON K6F68_R	67.743	0.261	0.261
P5Q3BK 0.261	ON K6F74_R	64.807	0.263	0.263
P5Q3BK 0.195	ON P5Q3B0	15.978	0.196	0.196
P5Q3BK 0.627	ON P5Q3X	725.730	0.622	0.622
P5Q3BK 0.487	ON P5Q3AA	722.322	0.475	0.475
P5Q3BK 0.627	ON P5Q3AL	739.293	0.621	0.621
P5Q3BK 0.540	ON P5Q3AP	727.693	0.531	0.531
P5Q3BK 0.754	ON P5Q3BI	585.929	0.759	0.759
P5Q3BK 0.600	ON P5Q3BZ	802.794	0.589	0.589
P5Q3BK 0.580	ON P5Q3CJ	792.873	0.569	0.569
P5Q3BK 0.567	ON P5Q3C	641.497	0.562	0.562

P5Q3BK 0.530	ON P5Q30	767.928	0.518	0.518
P5Q3BK 0.584	ON P5Q3R	698.524	0.579	0.579
P5Q3BK 0.512	ON P5Q3S	769.423	0.499	0.499
P5Q3BK 0.501	ON P5Q3T	755.234	0.488	0.488
P5Q3BK 0.495	ON P5Q3U	701.450	0.484	0.484
P5Q3BK 0.509	ON P5Q3V	716.153	0.498	0.498
P5Q3BK 0.552	ON P5Q3AJ	766.368	0.540	0.540
P5Q3BK 0.532	ON P5Q3BC	799.735	0.517	0.517
P5Q3BK 0.559	ON P5Q3BN	750.032	0.550	0.550
P5Q3BK 0.530	ON P5Q3CF	756.714	0.520	0.520
P5Q3BK 0.548	ON P5Q3CG	775.740	0.539	0.539
P5Q3BK 0.622	ON P5Q3CH	777.145	0.616	0.616
P5Q3BK 0.680	ON P5Q3CI	773.682	0.676	0.676
P5Q3BK 0.584	ON P5Q3CN	732.548	0.576	0.576
P5Q3BK 0.504	ON P5Q3C0	740.136	0.492	0.492
P5Q3BK 0.510	ON P5Q3CQ	804.910	0.493	0.493
P5Q3BK 0.598	ON P5Q3CW	713.977	0.591	0.591
P5Q3B0 -0.133	ON K6B1A_R	28.494	-0.134	-0.134
P5Q3B0 -0.134	ON K6B1B_R	35.712	-0.135	-0.135
P5Q3B0 -0.136	ON K6B1C_R	36.577	-0.138	-0.138
P5Q3B0 -0.154	ON K6B1D_R	33.281	-0.155	-0.155
P5Q3B0 -0.214	ON K5E1A	28.900	-0.216	-0.216
P5Q3B0 -0.177	ON K5E1B	18.571	-0.179	-0.179
P5Q3B0 -0.229	ON K5E1C	33.822	-0.232	-0.232
P5Q3B0 -0.277	ON K5E1D	45.046	-0.281	-0.281

P5Q3B0 0.142	ON K6D2AG_R	54.610	0.143	0.143
P5Q3B0 0.167	ON K6D2AI_R	48.137	0.169	0.169
P5Q3B0 0.159	ON K6D2D_R	51.206	0.161	0.161
P5Q3B0 0.158	ON K6D2J_R	45.714	0.160	0.160
P5Q3B0 0.151	ON K6D2T_R	49.153	0.152	0.152
P5Q3B0 0.135	ON K6D2AC_R	58.948	0.136	0.136
P5Q3B0 0.186	ON K6D2AK_R	57.810	0.188	0.188
P5Q3B0 0.166	ON K6D2C_R	50.614	0.167	0.167
P5Q3B0 0.139	ON K6D2N_R	59.974	0.141	0.141
P5Q3B0 0.163	ON K6D2X_R	64.273	0.165	0.165
P5Q3B0 0.301	ON K6D2A_R	128.389	0.303	0.303
P5Q3B0 0.258	ON K6D2P_R	153.375	0.258	0.258
P5Q3B0 0.292	ON K6D2R_R	132.586	0.294	0.294
P5Q3B0 0.278	ON K6D2Z_R	131.133	0.280	0.280
P5Q3B0 0.268	ON K6D2AB_R	127.258	0.269	0.269
P5Q3B0 0.254	ON K6D2AJ_R	157.563	0.254	0.254
P5Q3B0 0.280	ON K6D61C	191.169	0.278	0.278
P5Q3B0 0.297	ON K6D61D	154.370	0.298	0.298
P5Q3B0 0.348	ON K6D61E	178.848	0.349	0.349
P5Q3B0 0.280	ON K6D61K	189.104	0.278	0.278
P5Q3B0 0.356	ON K6D61L	159.256	0.358	0.358
P5Q3B0 0.331	ON K6D61M	124.167	0.334	0.334
P5Q3B0 0.379	ON K6D40_R	198.456	0.380	0.380
P5Q3B0 0.360	ON K6D48_R	159.642	0.362	0.362
P5Q3B0 0.335	ON K6F63_R	159.787	0.337	0.337

P5Q3B0 0.407	ON K6F68_R	211.628	0.408	0.408
P5Q3B0 0.410	ON K6F74_R	208.882	0.412	0.412
P5Q3B0 -0.115	ON K6D2B_R	33.883	-0.116	-0.116
P5Q3B0 -0.125	ON K6D2F_R	34.895	-0.126	-0.126
P5Q3B0 -0.168	ON K6D2G_R	28.115	-0.169	-0.169
P5Q3B0 -0.146	ON K6D2I_R	31.522	-0.148	-0.148
P5Q3B0 -0.130	ON K6D2K_R	29.969	-0.132	-0.132
P5Q3B0 -0.137	ON K6D2L_R	38.566	-0.138	-0.138
P5Q3B0 -0.130	ON K6D2M_R	30.702	-0.131	-0.131
P5Q3B0 -0.128	ON K6D2O_R	27.691	-0.130	-0.130
P5Q3B0 -0.104	ON K6D2S_R	36.070	-0.104	-0.104
P5Q3B0 -0.133	ON K6D2V_R	31.270	-0.134	-0.134
P5Q3B0 -0.120	ON K6D2W_R	30.841	-0.121	-0.121
P5Q3B0 -0.127	ON K6D2Y_R	31.087	-0.128	-0.128
P5Q3B0 -0.121	ON K6D2AA_R	34.735	-0.122	-0.122
P5Q3B0 -0.140	ON K6D2AE_R	27.881	-0.142	-0.142
P5Q3B0 -0.139	ON K6D2AF_R	33.422	-0.141	-0.141
P5Q3B0 -0.138	ON K6D2AH_R	25.110	-0.139	-0.139
P5Q3B0 0.196	ON P5Q3BK	15.979	0.196	0.196
P5Q3B0 0.647	ON P5Q3X	1006.131	0.640	0.640
P5Q3B0 0.502	ON P5Q3AA	1002.268	0.488	0.488
P5Q3B0 0.656	ON P5Q3AL	1031.638	0.647	0.647
P5Q3B0 0.556	ON P5Q3AP	1041.794	0.546	0.546
P5Q3B0 0.775	ON P5Q3BI	828.812	0.778	0.778
P5Q3B0 0.614	ON P5Q3BZ	1130.903	0.601	0.601

P5Q3B0 0.602	ON P5Q3CJ	1097.127	0.589	0.589
P5Q3B0 0.590	ON P5Q3C	920.633	0.584	0.584
P5Q3B0 0.543	ON P5Q3O	1076.284	0.529	0.529
P5Q3B0 0.596	ON P5Q3R	960.587	0.589	0.589
P5Q3B0 0.526	ON P5Q3S	1054.673	0.511	0.511
P5Q3B0 0.514	ON P5Q3T	1044.081	0.499	0.499
P5Q3B0 0.517	ON P5Q3U	1002.095	0.504	0.504
P5Q3B0 0.526	ON P5Q3V	1006.359	0.513	0.513
P5Q3B0 0.569	ON P5Q3AJ	1056.136	0.555	0.555
P5Q3B0 0.548	ON P5Q3BC	1116.931	0.532	0.532
P5Q3B0 0.580	ON P5Q3BN	1040.729	0.569	0.569
P5Q3B0 0.543	ON P5Q3CF	1039.974	0.532	0.532
P5Q3B0 0.557	ON P5Q3CG	1087.117	0.546	0.546
P5Q3B0 0.648	ON P5Q3CH	1056.009	0.640	0.640
P5Q3B0 0.707	ON P5Q3CI	1073.587	0.701	0.701
P5Q3B0 0.600	ON P5Q3CN	1024.406	0.591	0.591
P5Q3B0 0.512	ON P5Q3C0	1018.833	0.498	0.498
P5Q3B0 0.523	ON P5Q3CQ	1114.852	0.505	0.505
P5Q3B0 0.610	ON P5Q3CW	992.701	0.602	0.602
P5Q3CU 0.083	ON K6D2AG_R	11.549	0.084	0.084
P5Q3CU 0.108	ON K6D2AI_R	11.890	0.109	0.109
P5Q3CU 0.104	ON K6D2D_R	13.479	0.106	0.106
P5Q3CU 0.076	ON K6D2AC_R	11.836	0.077	0.077
P5Q3CU 0.096	ON K6D2C_R	10.222	0.098	0.098
P5Q3CU 0.084	ON K6D2X_R	10.497	0.085	0.085

P5Q3CU 0.197	ON K6D2A_R	34.245	0.199	0.199
P5Q3CU 0.175	ON K6D2P_R	44.009	0.176	0.176
P5Q3CU 0.192	ON K6D2R_R	36.034	0.194	0.194
P5Q3CU 0.195	ON K6D2Z_R	40.669	0.197	0.197
P5Q3CU 0.182	ON K6D2AB_R	35.526	0.184	0.184
P5Q3CU 0.169	ON K6D2AJ_R	41.986	0.169	0.169
P5Q3CU 0.190	ON K6D61C	53.800	0.190	0.190
P5Q3CU 0.199	ON K6D61D	40.577	0.201	0.201
P5Q3CU 0.234	ON K6D61E	48.044	0.236	0.236
P5Q3CU 0.185	ON K6D61K	50.414	0.185	0.185
P5Q3CU 0.221	ON K6D61L	36.445	0.223	0.223
P5Q3CU 0.220	ON K6D61M	31.882	0.223	0.223
P5Q3CU 0.251	ON K6D40_R	52.793	0.252	0.252
P5Q3CU 0.237	ON K6D48_R	42.442	0.239	0.239
P5Q3CU 0.215	ON K6F63_R	39.747	0.217	0.217
P5Q3CU 0.272	ON K6F68_R	57.151	0.274	0.274
P5Q3CU 0.276	ON K6F74_R	57.583	0.278	0.278
P5Q3CU 0.221	ON P5Q3AZ	16.459	0.220	0.220
P5Q3CU 0.558	ON P5Q3X	480.106	0.555	0.555
P5Q3CU 0.435	ON P5Q3AA	475.699	0.425	0.425
P5Q3CU 0.559	ON P5Q3AL	486.657	0.554	0.554
P5Q3CU 0.493	ON P5Q3AP	505.251	0.486	0.486
P5Q3CU 0.681	ON P5Q3BI	391.392	0.686	0.686
P5Q3CU 0.542	ON P5Q3BZ	545.166	0.533	0.533
P5Q3CU 0.521	ON P5Q3CJ	531.298	0.512	0.512

P5Q3CU 0.528	ON P5Q3C	467.898	0.524	0.524
P5Q3CU 0.471	ON P5Q3O	522.696	0.461	0.461
P5Q3CU 0.536	ON P5Q3R	490.470	0.532	0.532
P5Q3CU 0.461	ON P5Q3S	508.830	0.450	0.450
P5Q3CU 0.455	ON P5Q3T	518.090	0.443	0.443
P5Q3CU 0.453	ON P5Q3U	494.178	0.444	0.444
P5Q3CU 0.454	ON P5Q3V	476.059	0.445	0.445
P5Q3CU 0.491	ON P5Q3AJ	514.425	0.481	0.481
P5Q3CU 0.481	ON P5Q3BC	549.475	0.469	0.469
P5Q3CU 0.501	ON P5Q3BN	510.934	0.493	0.493
P5Q3CU 0.480	ON P5Q3CF	514.935	0.472	0.472
P5Q3CU 0.497	ON P5Q3CG	526.626	0.489	0.489
P5Q3CU 0.564	ON P5Q3CH	546.653	0.559	0.559
P5Q3CU 0.614	ON P5Q3CI	554.238	0.611	0.611
P5Q3CU 0.524	ON P5Q3CN	501.400	0.518	0.518
P5Q3CU 0.449	ON P5Q3CO	504.915	0.439	0.439
P5Q3CU 0.460	ON P5Q3CQ	555.141	0.445	0.445
P5Q3CU 0.538	ON P5Q3CW	519.022	0.533	0.533
P5Q3DA -0.151	ON K6B1A_R	22.995	-0.154	-0.154
P5Q3DA -0.142	ON K6B1B_R	27.124	-0.145	-0.145
P5Q3DA -0.138	ON K6B1C_R	24.605	-0.140	-0.140
P5Q3DA -0.158	ON K6B1D_R	23.416	-0.161	-0.161
P5Q3DA -0.208	ON K5E1A	17.112	-0.212	-0.212
P5Q3DA -0.208	ON K5E1B	17.445	-0.212	-0.212
P5Q3DA -0.214	ON K5E1C	19.269	-0.218	-0.218

P5Q3DA -0.266	ON K5E1D	26.656	-0.271	-0.271
P5Q3DA 0.169	ON K6D2AG_R	51.297	0.172	0.172
P5Q3DA 0.196	ON K6D2AI_R	43.727	0.199	0.199
P5Q3DA 0.194	ON K6D2D_R	50.915	0.198	0.198
P5Q3DA 0.190	ON K6D2J_R	41.690	0.194	0.194
P5Q3DA 0.189	ON K6D2T_R	50.152	0.192	0.192
P5Q3DA 0.159	ON K6D2AC_R	54.888	0.161	0.161
P5Q3DA 0.201	ON K6D2AK_R	43.415	0.205	0.205
P5Q3DA 0.190	ON K6D2C_R	44.295	0.193	0.193
P5Q3DA 0.165	ON K6D2N_R	55.035	0.167	0.167
P5Q3DA 0.184	ON K6D2X_R	54.723	0.187	0.187
P5Q3DA 0.304	ON K6D2A_R	90.621	0.308	0.308
P5Q3DA 0.249	ON K6D2P_R	98.043	0.251	0.251
P5Q3DA 0.293	ON K6D2R_R	92.059	0.297	0.297
P5Q3DA 0.302	ON K6D2Z_R	100.201	0.306	0.306
P5Q3DA 0.276	ON K6D2AB_R	89.079	0.280	0.280
P5Q3DA 0.260	ON K6D2AJ_R	112.164	0.262	0.262
P5Q3DA 0.288	ON K6D61C	135.443	0.289	0.289
P5Q3DA 0.290	ON K6D61D	99.292	0.293	0.293
P5Q3DA 0.350	ON K6D61E	121.062	0.354	0.354
P5Q3DA 0.284	ON K6D61K	132.080	0.285	0.285
P5Q3DA 0.363	ON K6D61L	106.577	0.368	0.368
P5Q3DA 0.362	ON K6D61M	92.263	0.368	0.368
P5Q3DA 0.383	ON K6D40_R	135.033	0.387	0.387
P5Q3DA 0.368	ON K6D48_R	111.489	0.373	0.373

P5Q3DA 0.338	ON K6F63_R	109.010	0.342	0.342
P5Q3DA 0.416	ON K6F68_R	146.510	0.421	0.421
P5Q3DA 0.419	ON K6F74_R	147.368	0.424	0.424
P5Q3DA -0.122	ON K6D2B_R	25.184	-0.124	-0.124
P5Q3DA -0.128	ON K6D2F_R	24.301	-0.130	-0.130
P5Q3DA -0.172	ON K6D2G_R	19.516	-0.176	-0.176
P5Q3DA -0.138	ON K6D2I_R	18.485	-0.141	-0.141
P5Q3DA -0.134	ON K6D2K_R	21.048	-0.136	-0.136
P5Q3DA -0.135	ON K6D2L_R	24.209	-0.137	-0.137
P5Q3DA -0.129	ON K6D2M_R	20.092	-0.131	-0.131
P5Q3DA -0.141	ON K6D2O_R	21.987	-0.144	-0.144
P5Q3DA -0.105	ON K6D2S_R	24.075	-0.106	-0.106
P5Q3DA -0.139	ON K6D2V_R	22.756	-0.141	-0.141
P5Q3DA -0.118	ON K6D2W_R	19.185	-0.120	-0.120
P5Q3DA -0.133	ON K6D2Y_R	22.169	-0.135	-0.135
P5Q3DA -0.119	ON K6D2AA_R	22.196	-0.121	-0.121
P5Q3DA -0.124	ON K6D2AE_R	14.321	-0.127	-0.127
P5Q3DA -0.144	ON K6D2AF_R	23.424	-0.147	-0.147
P5Q3DA -0.148	ON K6D2AH_R	18.612	-0.151	-0.151
P5Q3DA 0.260	ON P5Q3A0	31.103	0.261	0.261
P5Q3DA 0.669	ON P5Q3X	773.520	0.667	0.667
P5Q3DA 0.512	ON P5Q3AA	766.979	0.502	0.502
P5Q3DA 0.663	ON P5Q3AL	787.355	0.659	0.659
P5Q3DA 0.568	ON P5Q3AP	778.312	0.562	0.562
P5Q3DA 0.819	ON P5Q3BI	620.728	0.828	0.828

P5Q3DA 0.629	ON P5Q3BZ	867.465	0.621	0.621
P5Q3DA 0.612	ON P5Q3CJ	859.236	0.604	0.604
P5Q3DA 0.615	ON P5Q3C	718.242	0.612	0.612
P5Q3DA 0.559	ON P5Q30	842.241	0.549	0.549
P5Q3DA 0.626	ON P5Q3R	767.130	0.623	0.623
P5Q3DA 0.543	ON P5Q3S	831.664	0.532	0.532
P5Q3DA 0.533	ON P5Q3T	821.506	0.521	0.521
P5Q3DA 0.519	ON P5Q3U	761.318	0.510	0.510
P5Q3DA 0.545	ON P5Q3V	783.245	0.535	0.535
P5Q3DA 0.583	ON P5Q3AJ	835.717	0.574	0.574
P5Q3DA 0.554	ON P5Q3BC	877.653	0.542	0.542
P5Q3DA 0.586	ON P5Q3BN	804.860	0.580	0.580
P5Q3DA 0.563	ON P5Q3CF	814.117	0.555	0.555
P5Q3DA 0.578	ON P5Q3CG	850.302	0.571	0.571
P5Q3DA 0.660	ON P5Q3CH	838.159	0.657	0.657
P5Q3DA 0.719	ON P5Q3CI	837.223	0.718	0.718
P5Q3DA 0.617	ON P5Q3CN	816.627	0.611	0.611
P5Q3DA 0.526	ON P5Q3C0	804.895	0.516	0.516
P5Q3DA 0.534	ON P5Q3CQ	868.068	0.519	0.519
P5Q3DA 0.627	ON P5Q3CW	781.830	0.624	0.624
P5Q3AS -0.101	ON K6B1A_R	17.853	-0.102	-0.102
P5Q3AS -0.098	ON K6B1B_R	20.825	-0.099	-0.099
P5Q3AS -0.104	ON K6B1C_R	23.266	-0.105	-0.105
P5Q3AS -0.106	ON K6B1D_R	16.822	-0.107	-0.107
P5Q3AS -0.145	ON K5E1C	14.289	-0.147	-0.147

P5Q3AS -0.173	ON K5E1D	18.127	-0.175	-0.175
P5Q3AS 0.099	ON K6D2AG_R	28.470	0.100	0.100
P5Q3AS 0.110	ON K6D2AI_R	21.501	0.111	0.111
P5Q3AS 0.114	ON K6D2D_R	27.755	0.115	0.115
P5Q3AS 0.102	ON K6D2J_R	19.901	0.103	0.103
P5Q3AS 0.115	ON K6D2T_R	29.966	0.116	0.116
P5Q3AS 0.098	ON K6D2AC_R	32.496	0.098	0.098
P5Q3AS 0.126	ON K6D2AK_R	27.753	0.127	0.127
P5Q3AS 0.102	ON K6D2C_R	20.042	0.103	0.103
P5Q3AS 0.092	ON K6D2N_R	27.983	0.093	0.093
P5Q3AS 0.109	ON K6D2X_R	29.771	0.110	0.110
P5Q3AS 0.172	ON K6D2A_R	42.183	0.173	0.173
P5Q3AS 0.145	ON K6D2P_R	51.060	0.145	0.145
P5Q3AS 0.170	ON K6D2R_R	46.472	0.171	0.171
P5Q3AS 0.167	ON K6D2Z_R	50.511	0.168	0.168
P5Q3AS 0.163	ON K6D2AB_R	48.100	0.164	0.164
P5Q3AS 0.150	ON K6D2AJ_R	58.260	0.150	0.150
P5Q3AS 0.165	ON K6D61C	70.122	0.164	0.164
P5Q3AS 0.169	ON K6D61D	52.620	0.169	0.169
P5Q3AS 0.208	ON K6D61E	67.459	0.209	0.209
P5Q3AS 0.163	ON K6D61K	68.226	0.162	0.162
P5Q3AS 0.212	ON K6D61L	57.052	0.213	0.213
P5Q3AS 0.204	ON K6D61M	47.076	0.206	0.206
P5Q3AS 0.237	ON K6D40_R	81.371	0.238	0.238
P5Q3AS 0.215	ON K6D48_R	61.330	0.216	0.216

P5Q3AS 0.197	ON K6F63_R	57.697	0.198	0.198
P5Q3AS 0.251	ON K6F68_R	84.727	0.251	0.251
P5Q3AS 0.254	ON K6F74_R	82.651	0.255	0.255
P5Q3AS -0.088	ON K6D2B_R	20.780	-0.088	-0.088
P5Q3AS -0.091	ON K6D2F_R	19.103	-0.091	-0.091
P5Q3AS -0.103	ON K6D2G_R	11.387	-0.104	-0.104
P5Q3AS -0.093	ON K6D2I_R	12.941	-0.094	-0.094
P5Q3AS -0.100	ON K6D2K_R	18.773	-0.101	-0.101
P5Q3AS -0.091	ON K6D2L_R	17.429	-0.091	-0.091
P5Q3AS -0.092	ON K6D2M_R	16.045	-0.093	-0.093
P5Q3AS -0.100	ON K6D2O_R	17.608	-0.101	-0.101
P5Q3AS -0.074	ON K6D2S_R	19.328	-0.074	-0.074
P5Q3AS -0.101	ON K6D2V_R	19.308	-0.102	-0.102
P5Q3AS -0.098	ON K6D2W_R	21.942	-0.099	-0.099
P5Q3AS -0.093	ON K6D2Y_R	17.686	-0.094	-0.094
P5Q3AS -0.086	ON K6D2AA_R	18.272	-0.087	-0.087
P5Q3AS -0.097	ON K6D2AE_R	13.529	-0.098	-0.098
P5Q3AS -0.087	ON K6D2AF_R	13.747	-0.088	-0.088
P5Q3AS -0.095	ON K6D2AH_R	12.317	-0.096	-0.096
P5Q3AS 0.524	ON P5Q3X	660.113	0.518	0.518
P5Q3AS 0.414	ON P5Q3AA	705.638	0.403	0.403
P5Q3AS 0.534	ON P5Q3AL	714.778	0.527	0.527
P5Q3AS 0.459	ON P5Q3AP	715.811	0.450	0.450
P5Q3AS 0.637	ON P5Q3BI	560.462	0.639	0.639
P5Q3AS 0.498	ON P5Q3BZ	764.130	0.487	0.487

P5Q3AS 0.489	ON P5Q3CJ	756.840	0.479	0.479
P5Q3AS 0.495	ON P5Q3C	683.039	0.489	0.489
P5Q3AS 0.442	ON P5Q30	726.660	0.430	0.430
P5Q3AS 0.501	ON P5Q3R	702.848	0.495	0.495
P5Q3AS 0.435	ON P5Q3S	737.509	0.423	0.423
P5Q3AS 0.422	ON P5Q3T	728.155	0.410	0.410
P5Q3AS 0.422	ON P5Q3U	696.693	0.411	0.411
P5Q3AS 0.425	ON P5Q3V	686.197	0.415	0.415
P5Q3AS 0.464	ON P5Q3AJ	750.491	0.453	0.453
P5Q3AS 0.447	ON P5Q3BC	769.454	0.433	0.433
P5Q3AS 0.477	ON P5Q3BN	722.630	0.467	0.467
P5Q3AS 0.451	ON P5Q3CF	734.294	0.442	0.442
P5Q3AS 0.472	ON P5Q3CG	743.446	0.462	0.462
P5Q3AS 0.541	ON P5Q3CH	755.969	0.534	0.534
P5Q3AS 0.588	ON P5Q3CI	737.105	0.582	0.582
P5Q3AS 0.496	ON P5Q3CN	714.839	0.488	0.488
P5Q3AS 0.424	ON P5Q3C0	715.802	0.413	0.413
P5Q3AS 0.432	ON P5Q3CQ	773.186	0.417	0.417
P5Q3AS 0.509	ON P5Q3CW	713.006	0.502	0.502
P5Q3AU 0.109	ON K6D2A_R	10.151	0.110	0.110
P5Q3AU 0.102	ON K6D2P_R	15.049	0.102	0.102
P5Q3AU 0.119	ON K6D2Z_R	13.986	0.119	0.119
P5Q3AU 0.108	ON K6D2AB_R	12.424	0.109	0.109
P5Q3AU 0.095	ON K6D2AJ_R	13.234	0.095	0.095
P5Q3AU 0.107	ON K6D61C	16.829	0.107	0.107

P5Q3AU 0.125	ON K6D61E	13.183	0.125	0.125
P5Q3AU 0.107	ON K6D61K	16.648	0.106	0.106
P5Q3AU 0.134	ON K6D61L	12.757	0.135	0.135
P5Q3AU 0.139	ON K6D61M	12.813	0.140	0.140
P5Q3AU 0.151	ON K6D40_R	18.622	0.151	0.151
P5Q3AU 0.124	ON K6D48_R	11.220	0.124	0.124
P5Q3AU 0.125	ON K6F63_R	13.073	0.126	0.126
P5Q3AU 0.161	ON K6F68_R	19.551	0.161	0.161
P5Q3AU 0.160	ON K6F74_R	18.982	0.161	0.161
P5Q3AU 0.443	ON P5Q3X	278.278	0.438	0.438
P5Q3AU 0.341	ON P5Q3AA	270.871	0.331	0.331
P5Q3AU 0.448	ON P5Q3AL	295.416	0.442	0.442
P5Q3AU 0.383	ON P5Q3AP	283.705	0.375	0.375
P5Q3AU 0.527	ON P5Q3BI	213.876	0.529	0.529
P5Q3AU 0.425	ON P5Q3BZ	312.184	0.416	0.416
P5Q3AU 0.413	ON P5Q3CJ	311.063	0.404	0.404
P5Q3AU 0.405	ON P5Q3C	268.179	0.400	0.400
P5Q3AU 0.379	ON P5Q30	302.664	0.369	0.369
P5Q3AU 0.419	ON P5Q3R	277.965	0.414	0.414
P5Q3AU 0.363	ON P5Q3S	290.170	0.353	0.353
P5Q3AU 0.353	ON P5Q3T	287.461	0.343	0.343
P5Q3AU 0.349	ON P5Q3U	277.190	0.340	0.340
P5Q3AU 0.354	ON P5Q3V	266.706	0.345	0.345
P5Q3AU 0.388	ON P5Q3AJ	299.433	0.378	0.378
P5Q3AU 0.378	ON P5Q3BC	320.212	0.366	0.366

P5Q3AU 0.396	ON P5Q3BN	287.997	0.389	0.389
P5Q3AU 0.373	ON P5Q3CF	290.676	0.364	0.364
P5Q3AU 0.397	ON P5Q3CG	296.781	0.389	0.389
P5Q3AU 0.447	ON P5Q3CH	304.576	0.441	0.441
P5Q3AU 0.493	ON P5Q3CI	310.214	0.488	0.488
P5Q3AU 0.414	ON P5Q3CN	290.344	0.407	0.407
P5Q3AU 0.356	ON P5Q3C0	292.253	0.347	0.347
P5Q3AU 0.365	ON P5Q3CQ	314.251	0.352	0.352
P5Q3AU 0.432	ON P5Q3CW	293.579	0.426	0.426
P5Q3AZ -0.181	ON K5E1D	11.241	-0.185	-0.185
P5Q3AZ 0.087	ON K6D2AG_R	11.667	0.089	0.089
P5Q3AZ 0.103	ON K6D2D_R	12.143	0.105	0.105
P5Q3AZ 0.109	ON K6D2AK_R	11.347	0.112	0.112
P5Q3AZ 0.108	ON K6D2C_R	12.125	0.110	0.110
P5Q3AZ 0.079	ON K6D2N_R	10.851	0.080	0.080
P5Q3AZ 0.091	ON K6D2X_R	11.668	0.093	0.093
P5Q3AZ 0.243	ON K6D2A_R	49.630	0.247	0.247
P5Q3AZ 0.200	ON K6D2P_R	52.089	0.202	0.202
P5Q3AZ 0.224	ON K6D2R_R	45.929	0.227	0.227
P5Q3AZ 0.240	ON K6D2Z_R	54.516	0.243	0.243
P5Q3AZ 0.227	ON K6D2AB_R	52.217	0.230	0.230
P5Q3AZ 0.195	ON K6D2AJ_R	53.527	0.196	0.196
P5Q3AZ 0.221	ON K6D61C	65.841	0.222	0.222
P5Q3AZ 0.226	ON K6D61D	49.746	0.229	0.229
P5Q3AZ 0.276	ON K6D61E	63.782	0.279	0.279

P5Q3AZ 0.217	ON K6D61K	63.317	0.218	0.218
P5Q3AZ 0.281	ON K6D61L	56.022	0.285	0.285
P5Q3AZ 0.280	ON K6D61M	47.753	0.285	0.285
P5Q3AZ 0.303	ON K6D40_R	70.763	0.307	0.307
P5Q3AZ 0.289	ON K6D48_R	59.960	0.293	0.293
P5Q3AZ 0.268	ON K6F63_R	59.172	0.272	0.272
P5Q3AZ 0.330	ON K6F68_R	77.533	0.334	0.334
P5Q3AZ 0.332	ON K6F74_R	74.849	0.336	0.336
P5Q3AZ 0.219	ON P5Q3CU	16.458	0.220	0.220
P5Q3AZ 0.665	ON P5Q3X	670.658	0.665	0.665
P5Q3AZ 0.522	ON P5Q3AA	663.115	0.513	0.513
P5Q3AZ 0.654	ON P5Q3AL	674.696	0.652	0.652
P5Q3AZ 0.583	ON P5Q3AP	676.731	0.577	0.577
P5Q3AZ 0.810	ON P5Q3BI	535.965	0.821	0.821
P5Q3AZ 0.633	ON P5Q3BZ	729.995	0.625	0.625
P5Q3AZ 0.611	ON P5Q3CJ	723.322	0.604	0.604
P5Q3AZ 0.633	ON P5Q3C	632.773	0.632	0.632
P5Q3AZ 0.556	ON P5Q30	704.674	0.547	0.547
P5Q3AZ 0.640	ON P5Q3R	667.668	0.639	0.639
P5Q3AZ 0.541	ON P5Q3S	708.806	0.531	0.531
P5Q3AZ 0.532	ON P5Q3T	709.192	0.522	0.522
P5Q3AZ 0.523	ON P5Q3U	648.305	0.515	0.515
P5Q3AZ 0.540	ON P5Q3V	668.607	0.532	0.532
P5Q3AZ 0.587	ON P5Q3AJ	714.955	0.578	0.578
P5Q3AZ 0.557	ON P5Q3BC	740.823	0.546	0.546

P5Q3AZ 0.597	ON P5Q3BN	705.381	0.592	0.592
P5Q3AZ 0.569	ON P5Q3CF	684.024	0.563	0.563
P5Q3AZ 0.584	ON P5Q3CG	713.696	0.579	0.579
P5Q3AZ 0.657	ON P5Q3CH	716.388	0.655	0.655
P5Q3AZ 0.718	ON P5Q3CI	709.581	0.719	0.719
P5Q3AZ 0.623	ON P5Q3CN	678.787	0.620	0.620
P5Q3AZ 0.536	ON P5Q3C0	676.404	0.527	0.527
P5Q3AZ 0.536	ON P5Q3CQ	740.185	0.522	0.522
P5Q3AZ 0.640	ON P5Q3CW	704.007	0.638	0.638
P5Q3BB1 -0.160	ON K5E1D	10.157	-0.163	-0.163
P5Q3BB1 0.098	ON K6D2P_R	14.756	0.098	0.098
P5Q3BB1 0.104	ON K6D2R_R	11.935	0.106	0.106
P5Q3BB1 0.121	ON K6D2Z_R	16.381	0.123	0.123
P5Q3BB1 0.107	ON K6D2AB_R	13.058	0.109	0.109
P5Q3BB1 0.093	ON K6D2AJ_R	13.740	0.093	0.093
P5Q3BB1 0.113	ON K6D61C	20.716	0.114	0.114
P5Q3BB1 0.113	ON K6D61D	14.295	0.114	0.114
P5Q3BB1 0.138	ON K6D61E	18.253	0.139	0.139
P5Q3BB1 0.108	ON K6D61K	18.927	0.108	0.108
P5Q3BB1 0.133	ON K6D61L	13.855	0.134	0.134
P5Q3BB1 0.135	ON K6D61M	12.859	0.137	0.137
P5Q3BB1 0.154	ON K6D40_R	21.381	0.155	0.155
P5Q3BB1 0.131	ON K6D48_R	13.911	0.132	0.132
P5Q3BB1 0.121	ON K6F63_R	13.663	0.122	0.122
P5Q3BB1 0.170	ON K6F68_R	24.086	0.172	0.172

P5Q3BB1 0.172	ON K6F74_R	24.354	0.174	0.174
P5Q3BB1 0.325	ON P5Q3BB2	61.701	0.327	0.327
P5Q3BB1 0.257	ON P5Q3BB6	35.021	0.257	0.257
P5Q3BB1 0.481	ON P5Q3X	361.919	0.479	0.479
P5Q3BB1 0.377	ON P5Q3AA	372.689	0.369	0.369
P5Q3BB1 0.484	ON P5Q3AL	388.158	0.481	0.481
P5Q3BB1 0.424	ON P5Q3AP	381.483	0.419	0.419
P5Q3BB1 0.586	ON P5Q3BI	295.392	0.592	0.592
P5Q3BB1 0.463	ON P5Q3BZ	409.005	0.457	0.457
P5Q3BB1 0.455	ON P5Q3CJ	419.142	0.448	0.448
P5Q3BB1 0.455	ON P5Q3C	370.264	0.453	0.453
P5Q3BB1 0.410	ON P5Q30	395.738	0.403	0.403
P5Q3BB1 0.455	ON P5Q3R	371.363	0.452	0.452
P5Q3BB1 0.400	ON P5Q3S	394.779	0.392	0.392
P5Q3BB1 0.393	ON P5Q3T	401.177	0.384	0.384
P5Q3BB1 0.390	ON P5Q3U	382.893	0.383	0.383
P5Q3BB1 0.393	ON P5Q3V	369.267	0.386	0.386
P5Q3BB1 0.419	ON P5Q3AJ	391.156	0.412	0.412
P5Q3BB1 0.407	ON P5Q3BC	410.192	0.397	0.397
P5Q3BB1 0.438	ON P5Q3BN	397.459	0.433	0.433
P5Q3BB1 0.417	ON P5Q3CF	400.039	0.411	0.411
P5Q3BB1 0.430	ON P5Q3CG	400.759	0.424	0.424
P5Q3BB1 0.493	ON P5Q3CH	422.488	0.491	0.491
P5Q3BB1 0.539	ON P5Q3CI	407.195	0.538	0.538
P5Q3BB1 0.458	ON P5Q3CN	389.976	0.454	0.454

P5Q3BB1 0.391	ON P5Q3C0	392.285	0.383	0.383
P5Q3BB1 0.391	ON P5Q3CQ	412.922	0.380	0.380
P5Q3BB1 0.471	ON P5Q3CW	387.022	0.468	0.468
P5Q3BB2 0.079	ON K6D2AB_R	10.357	0.079	0.079
P5Q3BB2 0.066	ON K6D2AJ_R	10.355	0.066	0.066
P5Q3BB2 0.066	ON K6D61C	10.344	0.066	0.066
P5Q3BB2 0.090	ON K6D61E	11.505	0.090	0.090
P5Q3BB2 0.099	ON K6D40_R	13.230	0.100	0.100
P5Q3BB2 0.106	ON K6F68_R	13.903	0.106	0.106
P5Q3BB2 0.109	ON K6F74_R	14.603	0.110	0.110
P5Q3BB2 -0.226	ON P5Q3AH	10.681	-0.223	-0.223
P5Q3BB2 0.329	ON P5Q3BB1	61.701	0.327	0.327
P5Q3BB2 0.292	ON P5Q3BB6	50.689	0.290	0.290
P5Q3BB2 0.199	ON P5Q3BB7	11.901	0.198	0.198
P5Q3BB2 0.358	ON P5Q3X	263.648	0.355	0.355
P5Q3BB2 0.287	ON P5Q3AA	278.835	0.280	0.280
P5Q3BB2 0.384	ON P5Q3AL	306.052	0.379	0.379
P5Q3BB2 0.319	ON P5Q3AP	283.186	0.313	0.313
P5Q3BB2 0.441	ON P5Q3BI	233.423	0.443	0.443
P5Q3BB2 0.359	ON P5Q3BZ	315.372	0.352	0.352
P5Q3BB2 0.349	ON P5Q3CJ	309.626	0.341	0.341
P5Q3BB2 0.342	ON P5Q3C	271.682	0.338	0.338
P5Q3BB2 0.317	ON P5Q30	301.033	0.309	0.309
P5Q3BB2 0.345	ON P5Q3R	267.474	0.341	0.341
P5Q3BB2 0.304	ON P5Q3S	292.969	0.296	0.296

P5Q3BB2 0.297	ON P5Q3T	293.883	0.289	0.289
P5Q3BB2 0.290	ON P5Q3U	273.928	0.282	0.282
P5Q3BB2 0.302	ON P5Q3V	278.026	0.295	0.295
P5Q3BB2 0.329	ON P5Q3AJ	301.684	0.321	0.321
P5Q3BB2 0.318	ON P5Q3BC	316.595	0.308	0.308
P5Q3BB2 0.337	ON P5Q3BN	299.013	0.330	0.330
P5Q3BB2 0.323	ON P5Q3CF	305.151	0.316	0.316
P5Q3BB2 0.337	ON P5Q3CG	320.531	0.331	0.331
P5Q3BB2 0.385	ON P5Q3CH	321.645	0.381	0.381
P5Q3BB2 0.418	ON P5Q3CI	308.743	0.414	0.414
P5Q3BB2 0.352	ON P5Q3CN	298.739	0.346	0.346
P5Q3BB2 0.298	ON P5Q3C0	292.656	0.290	0.290
P5Q3BB2 0.305	ON P5Q3CQ	316.552	0.294	0.294
P5Q3BB2 0.359	ON P5Q3CW	293.338	0.354	0.354
P5Q3BB5 0.094	ON K6D40_R	10.817	0.094	0.094
P5Q3BB5 0.098	ON K6F68_R	10.933	0.098	0.098
P5Q3BB5 0.098	ON K6F74_R	10.585	0.098	0.098
P5Q3BB5 0.193	ON P5Q3BB6	13.403	0.190	0.190
P5Q3BB5 0.338	ON P5Q3X	199.036	0.333	0.333
P5Q3BB5 0.256	ON P5Q3AA	194.265	0.248	0.248
P5Q3BB5 0.342	ON P5Q3AL	209.908	0.336	0.336
P5Q3BB5 0.298	ON P5Q3AP	213.348	0.291	0.291
P5Q3BB5 0.409	ON P5Q3BI	172.647	0.408	0.408
P5Q3BB5 0.330	ON P5Q3BZ	230.456	0.322	0.322
P5Q3BB5 0.318	ON P5Q3CJ	221.651	0.309	0.309

P5Q3BB5 0.311	ON P5Q3C	189.648	0.306	0.306
P5Q3BB5 0.288	ON P5Q3O	215.960	0.279	0.279
P5Q3BB5 0.316	ON P5Q3R	197.697	0.310	0.310
P5Q3BB5 0.276	ON P5Q3S	213.447	0.267	0.267
P5Q3BB5 0.278	ON P5Q3T	223.338	0.269	0.269
P5Q3BB5 0.261	ON P5Q3U	194.948	0.253	0.253
P5Q3BB5 0.275	ON P5Q3V	203.557	0.267	0.267
P5Q3BB5 0.304	ON P5Q3AJ	227.231	0.295	0.295
P5Q3BB5 0.293	ON P5Q3BC	233.866	0.283	0.283
P5Q3BB5 0.307	ON P5Q3BN	213.546	0.300	0.300
P5Q3BB5 0.289	ON P5Q3CF	212.553	0.282	0.282
P5Q3BB5 0.304	ON P5Q3CG	224.505	0.297	0.297
P5Q3BB5 0.342	ON P5Q3CH	218.261	0.336	0.336
P5Q3BB5 0.379	ON P5Q3CI	224.391	0.374	0.374
P5Q3BB5 0.318	ON P5Q3CN	213.978	0.311	0.311
P5Q3BB5 0.271	ON P5Q3C0	208.217	0.262	0.262
P5Q3BB5 0.279	ON P5Q3CQ	227.284	0.268	0.268
P5Q3BB5 0.332	ON P5Q3CW	216.522	0.326	0.326
P5Q3BB6 0.094	ON K6D61E	10.199	0.096	0.096
P5Q3BB6 0.105	ON K6D40_R	11.867	0.106	0.106
P5Q3BB6 0.111	ON K6F68_R	12.139	0.112	0.112
P5Q3BB6 0.108	ON K6F74_R	11.059	0.110	0.110
P5Q3BB6 0.256	ON P5Q3BB1	35.021	0.257	0.257
P5Q3BB6 0.287	ON P5Q3BB2	50.689	0.290	0.290
P5Q3BB6 0.188	ON P5Q3BB5	13.403	0.190	0.190

P5Q3BB6 0.359	ON P5Q3BB7	66.254	0.360	0.360
P5Q3BB6 0.436	ON P5Q3X	345.461	0.435	0.435
P5Q3BB6 0.346	ON P5Q3AA	359.974	0.340	0.340
P5Q3BB6 0.451	ON P5Q3AL	385.337	0.449	0.449
P5Q3BB6 0.394	ON P5Q3AP	379.336	0.389	0.389
P5Q3BB6 0.545	ON P5Q3BI	311.870	0.551	0.551
P5Q3BB6 0.426	ON P5Q3BZ	398.684	0.420	0.420
P5Q3BB6 0.421	ON P5Q3CJ	406.503	0.416	0.416
P5Q3BB6 0.414	ON P5Q3C	360.605	0.413	0.413
P5Q3BB6 0.382	ON P5Q3O	393.206	0.375	0.375
P5Q3BB6 0.424	ON P5Q3R	366.877	0.423	0.423
P5Q3BB6 0.368	ON P5Q3S	383.968	0.361	0.361
P5Q3BB6 0.362	ON P5Q3T	386.678	0.354	0.354
P5Q3BB6 0.360	ON P5Q3U	372.856	0.353	0.353
P5Q3BB6 0.363	ON P5Q3V	360.342	0.357	0.357
P5Q3BB6 0.390	ON P5Q3AJ	386.453	0.383	0.383
P5Q3BB6 0.379	ON P5Q3BC	407.302	0.371	0.371
P5Q3BB6 0.408	ON P5Q3BN	396.022	0.403	0.403
P5Q3BB6 0.384	ON P5Q3CF	394.558	0.378	0.378
P5Q3BB6 0.401	ON P5Q3CG	404.932	0.396	0.396
P5Q3BB6 0.453	ON P5Q3CH	406.176	0.451	0.451
P5Q3BB6 0.497	ON P5Q3CI	398.943	0.497	0.497
P5Q3BB6 0.421	ON P5Q3CN	383.547	0.417	0.417
P5Q3BB6 0.361	ON P5Q3C0	392.119	0.355	0.355
P5Q3BB6 0.370	ON P5Q3CQ	418.957	0.360	0.360

P5Q3BB6 0.434	ON P5Q3CW	389.443	0.431	0.431
P5Q3BB7 0.197	ON P5Q3BB2	11.901	0.198	0.198
P5Q3BB7 0.362	ON P5Q3BB6	66.253	0.360	0.360
P5Q3BB7 0.468	ON P5Q3X	264.390	0.466	0.466
P5Q3BB7 0.368	ON P5Q3AA	268.847	0.360	0.360
P5Q3BB7 0.459	ON P5Q3AL	279.827	0.455	0.455
P5Q3BB7 0.401	ON P5Q3AP	267.446	0.395	0.395
P5Q3BB7 0.567	ON P5Q3BI	227.970	0.572	0.572
P5Q3BB7 0.442	ON P5Q3BZ	298.930	0.434	0.434
P5Q3BB7 0.430	ON P5Q3CJ	299.896	0.423	0.423
P5Q3BB7 0.433	ON P5Q3C	247.617	0.430	0.430
P5Q3BB7 0.388	ON P5Q30	285.270	0.379	0.379
P5Q3BB7 0.428	ON P5Q3R	248.527	0.425	0.425
P5Q3BB7 0.379	ON P5Q3S	280.104	0.371	0.371
P5Q3BB7 0.379	ON P5Q3T	290.044	0.370	0.370
P5Q3BB7 0.374	ON P5Q3U	264.664	0.366	0.366
P5Q3BB7 0.382	ON P5Q3V	269.283	0.374	0.374
P5Q3BB7 0.404	ON P5Q3AJ	287.968	0.396	0.396
P5Q3BB7 0.394	ON P5Q3BC	313.349	0.384	0.384
P5Q3BB7 0.420	ON P5Q3BN	275.321	0.414	0.414
P5Q3BB7 0.400	ON P5Q3CF	279.955	0.393	0.393
P5Q3BB7 0.419	ON P5Q3CG	281.063	0.413	0.413
P5Q3BB7 0.468	ON P5Q3CH	285.532	0.465	0.465
P5Q3BB7 0.517	ON P5Q3CI	299.095	0.516	0.516
P5Q3BB7 0.444	ON P5Q3CN	283.150	0.439	0.439

P5Q3BB7 0.378	ON P5Q3C0	275.402	0.370	0.370
P5Q3BB7 0.379	ON P5Q3CQ	302.170	0.367	0.367
P5Q3BB7 0.451	ON P5Q3CW	275.450	0.447	0.447
P5Q3X -0.080	ON K6B1D_R	10.173	-0.082	-0.082
P5Q3X -0.159	ON K5E1A	17.981	-0.163	-0.163
P5Q3X -0.143	ON K5E1C	15.269	-0.146	-0.146
P5Q3X -0.196	ON K5E1D	25.276	-0.201	-0.201
P5Q3X 0.093	ON K6D2AG_R	27.191	0.095	0.095
P5Q3X 0.114	ON K6D2AI_R	24.963	0.116	0.116
P5Q3X 0.117	ON K6D2D_R	31.498	0.119	0.119
P5Q3X 0.107	ON K6D2J_R	23.190	0.109	0.109
P5Q3X 0.107	ON K6D2T_R	28.119	0.109	0.109
P5Q3X 0.092	ON K6D2AC_R	31.764	0.094	0.094
P5Q3X 0.124	ON K6D2AK_R	29.703	0.126	0.126
P5Q3X 0.126	ON K6D2C_R	33.643	0.128	0.128
P5Q3X 0.091	ON K6D2N_R	29.001	0.092	0.092
P5Q3X 0.116	ON K6D2X_R	36.522	0.118	0.118
P5Q3X 0.106	ON K6D2A_R	16.550	0.108	0.108
P5Q3X 0.074	ON K6D2P_R	13.116	0.075	0.075
P5Q3X 0.085	ON K6D2R_R	12.178	0.087	0.087
P5Q3X 0.077	ON K6D2Z_R	10.400	0.078	0.078
P5Q3X 0.091	ON K6D2AB_R	15.186	0.092	0.092
P5Q3X 0.084	ON K6D2AJ_R	17.724	0.084	0.084
P5Q3X 0.091	ON K6D61C	19.536	0.091	0.091
P5Q3X 0.103	ON K6D61D	18.425	0.104	0.104

P5Q3X 0.122	ON K6D61E	21.958	0.124	0.124
P5Q3X 0.088	ON K6D61K	18.140	0.089	0.089
P5Q3X 0.130	ON K6D61L	20.582	0.132	0.132
P5Q3X 0.125	ON K6D40_R	20.660	0.126	0.126
P5Q3X 0.109	ON K6D48_R	14.618	0.111	0.111
P5Q3X 0.100	ON K6F63_R	14.176	0.102	0.102
P5Q3X 0.127	ON K6F68_R	19.536	0.128	0.128
P5Q3X 0.133	ON K6F74_R	21.210	0.135	0.135
P5Q3X -0.070	ON K6D2B_R	14.303	-0.072	-0.072
P5Q3X -0.068	ON K6D2F_R	11.575	-0.069	-0.069
P5Q3X -0.096	ON K6D2G_R	10.500	-0.098	-0.098
P5Q3X -0.077	ON K6D2L_R	13.529	-0.078	-0.078
P5Q3X -0.072	ON K6D20_R	10.125	-0.074	-0.074
P5Q3X -0.057	ON K6D2S_R	12.349	-0.058	-0.058
P5Q3X -0.079	ON K6D2V_R	12.356	-0.081	-0.081
P5Q3X -0.065	ON K6D2W_R	10.091	-0.066	-0.066
P5Q3X -0.068	ON K6D2Y_R	10.030	-0.069	-0.069
P5Q3X -0.082	ON K6D2AF_R	13.122	-0.084	-0.084
P5Q3X 0.522	ON P5Q3M	410.386	0.528	0.528
P5Q3X 0.477	ON P5Q3AB	307.990	0.484	0.484
P5Q3X 0.491	ON P5Q3AD	441.145	0.495	0.495
P5Q3X 0.461	ON P5Q3AF	447.098	0.463	0.463
P5Q3X 0.439	ON P5Q3AH	460.279	0.438	0.438
P5Q3X 0.508	ON P5Q3AR	423.606	0.512	0.512
P5Q3X 0.433	ON P5Q3AV	432.883	0.434	0.434

P5Q3X 0.431	ON P5Q3AX	438.817	0.430	0.430
P5Q3X 0.431	ON P5Q3BQ	338.780	0.435	0.435
P5Q3X 0.475	ON P5Q3CK	477.865	0.474	0.474
P5Q3X 0.432	ON P5Q3DB	332.187	0.436	0.436
P5Q3X 0.592	ON P5Q3E	416.049	0.601	0.601
P5Q3X 0.489	ON P5Q3A0	413.237	0.494	0.494
P5Q3X 0.497	ON P5Q3BK	439.609	0.501	0.501
P5Q3X 0.498	ON P5Q3B0	419.103	0.503	0.503
P5Q3X 0.486	ON P5Q3CU	424.070	0.489	0.489
P5Q3X 0.456	ON P5Q3DA	438.025	0.457	0.457
P5Q3X 0.472	ON P5Q3AS	354.318	0.477	0.477
P5Q3X 0.550	ON P5Q3AU	407.413	0.556	0.556
P5Q3X 0.448	ON P5Q3AZ	458.712	0.448	0.448
P5Q3X 0.453	ON P5Q3BB1	415.030	0.454	0.454
P5Q3X 0.464	ON P5Q3BB2	349.796	0.468	0.468
P5Q3X 0.569	ON P5Q3BB5	341.565	0.578	0.578
P5Q3X 0.423	ON P5Q3BB6	392.822	0.424	0.424
P5Q3X 0.502	ON P5Q3BB7	431.532	0.504	0.504
P5Q3AA -0.150	ON K5E1C	21.512	-0.156	-0.156
P5Q3AA 0.075	ON K6D61D	12.012	0.077	0.077
P5Q3AA 0.087	ON K6D61E	14.078	0.090	0.090
P5Q3AA 0.087	ON K6D61L	11.436	0.090	0.090
P5Q3AA 0.083	ON K6D40_R	11.391	0.086	0.086
P5Q3AA 0.494	ON P5Q3M	483.199	0.508	0.508
P5Q3AA 0.472	ON P5Q3AB	398.687	0.487	0.487

P5Q3AA 0.437	ON P5Q3AD	438.155	0.448	0.448
P5Q3AA 0.428	ON P5Q3AF	493.084	0.437	0.437
P5Q3AA 0.413	ON P5Q3AH	529.198	0.419	0.419
P5Q3AA 0.473	ON P5Q3AR	485.933	0.485	0.485
P5Q3AA 0.397	ON P5Q3AV	467.700	0.405	0.405
P5Q3AA 0.405	ON P5Q3AX	489.737	0.411	0.411
P5Q3AA 0.410	ON P5Q3BQ	399.960	0.421	0.421
P5Q3AA 0.439	ON P5Q3CK	529.428	0.446	0.446
P5Q3AA 0.412	ON P5Q3DB	391.988	0.423	0.423
P5Q3AA 0.495	ON P5Q3E	350.963	0.512	0.512
P5Q3AA 0.442	ON P5Q3A0	421.837	0.454	0.454
P5Q3AA 0.459	ON P5Q3BK	477.047	0.471	0.471
P5Q3AA 0.459	ON P5Q3B0	452.160	0.471	0.471
P5Q3AA 0.450	ON P5Q3CU	456.565	0.461	0.461
P5Q3AA 0.416	ON P5Q3DA	473.582	0.424	0.424
P5Q3AA 0.453	ON P5Q3AS	436.404	0.466	0.466
P5Q3AA 0.505	ON P5Q3AU	434.509	0.519	0.519
P5Q3AA 0.417	ON P5Q3AZ	492.260	0.424	0.424
P5Q3AA 0.422	ON P5Q3BB1	464.601	0.431	0.431
P5Q3AA 0.444	ON P5Q3BB2	404.946	0.456	0.456
P5Q3AA 0.508	ON P5Q3BB5	358.949	0.524	0.524
P5Q3AA 0.399	ON P5Q3BB6	444.322	0.407	0.407
P5Q3AA 0.469	ON P5Q3BB7	478.183	0.480	0.480
P5Q3AA 0.172	ON P5Q3U	43.859	0.172	0.172
P5Q3AA 0.215	ON P5Q3V	71.770	0.215	0.215

P5Q3AA -0.166	ON P5Q3CG	17.484	-0.167	-0.167
P5Q3AA -0.183	ON P5Q3CI	11.964	-0.186	-0.186
P5Q3AL 0.509	ON P5Q3M	321.903	0.516	0.516
P5Q3AL 0.506	ON P5Q3AB	267.483	0.514	0.514
P5Q3AL 0.487	ON P5Q3AD	358.106	0.492	0.492
P5Q3AL 0.453	ON P5Q3AF	365.712	0.456	0.456
P5Q3AL 0.438	ON P5Q3AH	395.470	0.438	0.438
P5Q3AL 0.509	ON P5Q3AR	366.122	0.514	0.514
P5Q3AL 0.434	ON P5Q3AV	360.970	0.436	0.436
P5Q3AL 0.425	ON P5Q3AX	381.356	0.425	0.425
P5Q3AL 0.461	ON P5Q3BQ	311.653	0.466	0.466
P5Q3AL 0.467	ON P5Q3CK	402.094	0.468	0.468
P5Q3AL 0.463	ON P5Q3DB	299.752	0.469	0.469
P5Q3AL 0.578	ON P5Q3E	304.062	0.589	0.589
P5Q3AL 0.494	ON P5Q3A0	337.281	0.500	0.500
P5Q3AL 0.498	ON P5Q3BK	363.564	0.503	0.503
P5Q3AL 0.506	ON P5Q3B0	342.381	0.513	0.513
P5Q3AL 0.486	ON P5Q3CU	347.492	0.491	0.491
P5Q3AL 0.452	ON P5Q3DA	360.981	0.455	0.455
P5Q3AL 0.491	ON P5Q3AS	324.682	0.498	0.498
P5Q3AL 0.558	ON P5Q3AU	353.720	0.565	0.565
P5Q3AL 0.442	ON P5Q3AZ	376.866	0.443	0.443
P5Q3AL 0.455	ON P5Q3BB1	360.944	0.458	0.458
P5Q3AL 0.504	ON P5Q3BB2	337.296	0.510	0.510
P5Q3AL 0.578	ON P5Q3BB5	294.356	0.588	0.588

P5Q3AL 0.437	ON P5Q3BB6	354.738	0.439	0.439
P5Q3AL 0.491	ON P5Q3BB7	367.763	0.495	0.495
P5Q3AL 0.177	ON P5Q3AJ	12.509	0.175	0.175
P5Q3AP -0.148	ON K5E1A	17.262	-0.153	-0.153
P5Q3AP -0.175	ON K5E1C	25.477	-0.181	-0.181
P5Q3AP -0.174	ON K5E1D	21.679	-0.179	-0.179
P5Q3AP 0.062	ON K6D2AG_R	12.812	0.063	0.063
P5Q3AP 0.081	ON K6D2AI_R	14.135	0.083	0.083
P5Q3AP 0.071	ON K6D2D_R	12.759	0.074	0.074
P5Q3AP 0.073	ON K6D2J_R	12.071	0.075	0.075
P5Q3AP 0.069	ON K6D2T_R	12.937	0.071	0.071
P5Q3AP 0.063	ON K6D2AC_R	16.098	0.065	0.065
P5Q3AP 0.093	ON K6D2AK_R	18.135	0.096	0.096
P5Q3AP 0.079	ON K6D2C_R	14.617	0.081	0.081
P5Q3AP 0.062	ON K6D2N_R	14.747	0.063	0.063
P5Q3AP 0.073	ON K6D2X_R	16.220	0.076	0.076
P5Q3AP 0.070	ON K6D2AJ_R	13.436	0.072	0.072
P5Q3AP 0.075	ON K6D61C	14.764	0.076	0.076
P5Q3AP 0.088	ON K6D61D	14.748	0.090	0.090
P5Q3AP 0.103	ON K6D61E	16.856	0.105	0.105
P5Q3AP 0.076	ON K6D61K	15.063	0.077	0.077
P5Q3AP 0.104	ON K6D61L	14.290	0.107	0.107
P5Q3AP 0.111	ON K6D40_R	18.423	0.114	0.114
P5Q3AP 0.081	ON K6F63_R	10.144	0.083	0.083
P5Q3AP 0.108	ON K6F68_R	15.280	0.110	0.110

P5Q3AP 0.117	ON K6F74_R	17.660	0.120	0.120
P5Q3AP 0.600	ON P5Q3M	645.418	0.613	0.613
P5Q3AP 0.575	ON P5Q3AB	519.767	0.589	0.589
P5Q3AP 0.555	ON P5Q3AD	655.599	0.564	0.564
P5Q3AP 0.527	ON P5Q3AF	691.523	0.534	0.534
P5Q3AP 0.506	ON P5Q3AH	744.706	0.509	0.509
P5Q3AP 0.592	ON P5Q3AR	685.584	0.602	0.602
P5Q3AP 0.499	ON P5Q3AV	689.998	0.505	0.505
P5Q3AP 0.505	ON P5Q3AX	719.482	0.509	0.509
P5Q3AP 0.521	ON P5Q3BQ	592.477	0.531	0.531
P5Q3AP 0.550	ON P5Q3CK	755.364	0.554	0.554
P5Q3AP 0.530	ON P5Q3DB	597.144	0.540	0.540
P5Q3AP 0.664	ON P5Q3E	560.485	0.681	0.681
P5Q3AP 0.550	ON P5Q3A0	624.889	0.560	0.560
P5Q3AP 0.567	ON P5Q3BK	671.648	0.577	0.577
P5Q3AP 0.568	ON P5Q3B0	669.738	0.580	0.580
P5Q3AP 0.573	ON P5Q3CU	688.016	0.581	0.581
P5Q3AP 0.518	ON P5Q3DA	681.774	0.524	0.524
P5Q3AP 0.557	ON P5Q3AS	613.769	0.569	0.569
P5Q3AP 0.634	ON P5Q3AU	641.505	0.647	0.647
P5Q3AP 0.522	ON P5Q3AZ	712.456	0.527	0.527
P5Q3AP 0.532	ON P5Q3BB1	674.431	0.539	0.539
P5Q3AP 0.553	ON P5Q3BB2	581.669	0.563	0.563
P5Q3AP 0.666	ON P5Q3BB5	561.223	0.682	0.682
P5Q3AP 0.508	ON P5Q3BB6	661.659	0.514	0.514

P5Q3AP 0.577	ON P5Q3BB7	679.305	0.585	0.585
P5Q3BI 0.403	ON P5Q3M	261.861	0.402	0.402
P5Q3BI 0.396	ON P5Q3AB	241.942	0.397	0.397
P5Q3BI 0.392	ON P5Q3AD	311.530	0.390	0.390
P5Q3BI 0.374	ON P5Q3AF	322.461	0.370	0.370
P5Q3BI 0.364	ON P5Q3AH	348.439	0.359	0.359
P5Q3BI 0.417	ON P5Q3AR	316.182	0.415	0.415
P5Q3BI 0.342	ON P5Q3AV	303.302	0.338	0.338
P5Q3BI 0.361	ON P5Q3AX	345.053	0.356	0.356
P5Q3BI 0.380	ON P5Q3BQ	333.009	0.379	0.379
P5Q3BI 0.389	ON P5Q3CK	358.361	0.383	0.383
P5Q3BI 0.365	ON P5Q3DB	282.615	0.363	0.363
P5Q3BI 0.454	ON P5Q3E	252.717	0.455	0.455
P5Q3BI 0.406	ON P5Q3A0	315.156	0.404	0.404
P5Q3BI 0.408	ON P5Q3BK	330.524	0.405	0.405
P5Q3BI 0.412	ON P5Q3B0	328.011	0.410	0.410
P5Q3BI 0.404	ON P5Q3CU	324.214	0.401	0.401
P5Q3BI 0.375	ON P5Q3DA	326.291	0.371	0.371
P5Q3BI 0.398	ON P5Q3AS	293.145	0.397	0.397
P5Q3BI 0.450	ON P5Q3AU	299.721	0.449	0.449
P5Q3BI 0.369	ON P5Q3AZ	341.164	0.364	0.364
P5Q3BI 0.375	ON P5Q3BB1	318.349	0.371	0.371
P5Q3BI 0.391	ON P5Q3BB2	287.989	0.390	0.390
P5Q3BI 0.465	ON P5Q3BB5	270.850	0.465	0.465
P5Q3BI 0.359	ON P5Q3BB6	323.661	0.355	0.355

P5Q3BI 0.412	ON P5Q3BB7	337.047	0.409	0.409
P5Q3BZ -0.189	ON K5E1A	10.121	-0.196	-0.196
P5Q3BZ -0.275	ON K5E1D	20.463	-0.284	-0.284
P5Q3BZ 0.141	ON K6D2AG_R	25.735	0.145	0.145
P5Q3BZ 0.170	ON K6D2AI_R	23.206	0.175	0.175
P5Q3BZ 0.159	ON K6D2D_R	25.079	0.164	0.164
P5Q3BZ 0.152	ON K6D2J_R	21.036	0.157	0.157
P5Q3BZ 0.165	ON K6D2T_R	28.206	0.170	0.170
P5Q3BZ 0.129	ON K6D2AC_R	27.008	0.132	0.132
P5Q3BZ 0.187	ON K6D2AK_R	28.370	0.193	0.193
P5Q3BZ 0.167	ON K6D2C_R	26.538	0.173	0.173
P5Q3BZ 0.132	ON K6D2N_R	26.209	0.135	0.135
P5Q3BZ 0.150	ON K6D2X_R	27.609	0.154	0.154
P5Q3BZ 0.121	ON K6D2Z_R	11.048	0.124	0.124
P5Q3BZ 0.125	ON K6D2AB_R	11.593	0.129	0.129
P5Q3BZ 0.110	ON K6D2AJ_R	12.555	0.113	0.113
P5Q3BZ 0.111	ON K6D61C	12.747	0.113	0.113
P5Q3BZ 0.120	ON K6D61D	10.561	0.123	0.123
P5Q3BZ 0.148	ON K6D61E	14.095	0.152	0.152
P5Q3BZ 0.112	ON K6D61K	12.639	0.114	0.114
P5Q3BZ 0.141	ON K6D61L	10.271	0.145	0.145
P5Q3BZ 0.158	ON K6D40_R	14.608	0.162	0.162
P5Q3BZ 0.167	ON K6F68_R	13.817	0.171	0.171
P5Q3BZ 0.168	ON K6F74_R	13.704	0.172	0.172
P5Q3BZ 0.711	ON P5Q3M	406.665	0.727	0.727

P5Q3BZ 0.695	ON P5Q3AB	347.664	0.713	0.713
P5Q3BZ 0.650	ON P5Q3AD	425.963	0.662	0.662
P5Q3BZ 0.616	ON P5Q3AF	448.795	0.626	0.626
P5Q3BZ 0.577	ON P5Q3AH	476.695	0.582	0.582
P5Q3BZ 0.669	ON P5Q3AR	432.142	0.682	0.682
P5Q3BZ 0.577	ON P5Q3AV	437.499	0.584	0.584
P5Q3BZ 0.569	ON P5Q3AX	456.101	0.574	0.574
P5Q3BZ 0.623	ON P5Q3BQ	378.222	0.637	0.637
P5Q3BZ 0.613	ON P5Q3CK	494.320	0.619	0.619
P5Q3BZ 0.638	ON P5Q3DB	386.873	0.652	0.652
P5Q3BZ 0.832	ON P5Q3E	376.003	0.854	0.854
P5Q3BZ 0.658	ON P5Q3A0	416.949	0.671	0.671
P5Q3BZ 0.671	ON P5Q3BK	450.627	0.683	0.683
P5Q3BZ 0.662	ON P5Q3B0	447.367	0.676	0.676
P5Q3BZ 0.669	ON P5Q3CU	447.333	0.680	0.680
P5Q3BZ 0.605	ON P5Q3DA	458.628	0.613	0.613
P5Q3BZ 0.621	ON P5Q3AS	386.289	0.635	0.635
P5Q3BZ 0.745	ON P5Q3AU	425.160	0.761	0.761
P5Q3BZ 0.598	ON P5Q3AZ	458.958	0.605	0.605
P5Q3BZ 0.616	ON P5Q3BB1	432.305	0.625	0.625
P5Q3BZ 0.665	ON P5Q3BB2	393.707	0.680	0.680
P5Q3BZ 0.799	ON P5Q3BB5	374.500	0.820	0.820
P5Q3BZ 0.580	ON P5Q3BB6	414.792	0.588	0.588
P5Q3BZ 0.659	ON P5Q3BB7	445.766	0.670	0.670
P5Q3CJ -0.207	ON K5E1D	14.387	-0.214	-0.214

P5Q3CJ 0.110	ON K6D2AG_R	19.264	0.114	0.114
P5Q3CJ 0.132	ON K6D2AI_R	17.620	0.137	0.137
P5Q3CJ 0.119	ON K6D2D_R	16.046	0.122	0.122
P5Q3CJ 0.118	ON K6D2J_R	14.469	0.122	0.122
P5Q3CJ 0.111	ON K6D2T_R	15.648	0.115	0.115
P5Q3CJ 0.108	ON K6D2AC_R	22.606	0.111	0.111
P5Q3CJ 0.147	ON K6D2AK_R	21.564	0.152	0.152
P5Q3CJ 0.124	ON K6D2C_R	17.269	0.129	0.129
P5Q3CJ 0.101	ON K6D2N_R	18.779	0.104	0.104
P5Q3CJ 0.121	ON K6D2X_R	21.477	0.125	0.125
P5Q3CJ 0.126	ON K6D40_R	11.866	0.130	0.130
P5Q3CJ 0.126	ON K6F68_R	10.857	0.129	0.129
P5Q3CJ 0.739	ON P5Q3M	562.527	0.757	0.757
P5Q3CJ 0.744	ON P5Q3AB	493.156	0.763	0.763
P5Q3CJ 0.674	ON P5Q3AD	592.940	0.687	0.687
P5Q3CJ 0.633	ON P5Q3AF	617.760	0.642	0.642
P5Q3CJ 0.590	ON P5Q3AH	653.903	0.595	0.595
P5Q3CJ 0.677	ON P5Q3AR	597.271	0.691	0.691
P5Q3CJ 0.600	ON P5Q3AV	611.657	0.608	0.608
P5Q3CJ 0.599	ON P5Q3AX	645.484	0.604	0.604
P5Q3CJ 0.651	ON P5Q3BQ	535.173	0.665	0.665
P5Q3CJ 0.626	ON P5Q3CK	701.457	0.632	0.632
P5Q3CJ 0.650	ON P5Q3DB	535.916	0.663	0.663
P5Q3CJ 0.841	ON P5Q3E	534.465	0.864	0.864
P5Q3CJ 0.682	ON P5Q3A0	583.306	0.696	0.696

P5Q3CJ 0.687	ON P5Q3BK	622.374	0.700	0.700
P5Q3CJ 0.696	ON P5Q3B0	585.060	0.711	0.711
P5Q3CJ 0.681	ON P5Q3CU	610.969	0.693	0.693
P5Q3CJ 0.628	ON P5Q3DA	638.675	0.637	0.637
P5Q3CJ 0.667	ON P5Q3AS	543.487	0.681	0.681
P5Q3CJ 0.768	ON P5Q3AU	592.936	0.785	0.785
P5Q3CJ 0.616	ON P5Q3AZ	642.386	0.623	0.623
P5Q3CJ 0.641	ON P5Q3BB1	623.013	0.650	0.650
P5Q3CJ 0.689	ON P5Q3BB2	544.462	0.704	0.704
P5Q3CJ 0.820	ON P5Q3BB5	505.428	0.842	0.842
P5Q3CJ 0.617	ON P5Q3BB6	603.215	0.625	0.625
P5Q3CJ 0.685	ON P5Q3BB7	625.952	0.696	0.696
P5Q3C -0.126	ON K5E1A	14.664	-0.129	-0.129
P5Q3C -0.158	ON K5E1C	24.981	-0.162	-0.162
P5Q3C -0.140	ON K5E1D	16.485	-0.143	-0.143
P5Q3C 0.069	ON K6D2AG_R	19.252	0.070	0.070
P5Q3C 0.072	ON K6D2AI_R	13.538	0.074	0.074
P5Q3C 0.076	ON K6D2D_R	17.591	0.078	0.078
P5Q3C 0.086	ON K6D2J_R	20.777	0.088	0.088
P5Q3C 0.079	ON K6D2T_R	20.203	0.080	0.080
P5Q3C 0.069	ON K6D2AC_R	23.204	0.070	0.070
P5Q3C 0.094	ON K6D2AK_R	22.660	0.096	0.096
P5Q3C 0.064	ON K6D2C_R	11.835	0.066	0.066
P5Q3C 0.070	ON K6D2N_R	22.961	0.071	0.071
P5Q3C 0.075	ON K6D2X_R	20.430	0.077	0.077

P5Q3C -0.073	ON K6D2B_R	21.072	-0.075	-0.075
P5Q3C -0.083	ON K6D2F_R	22.869	-0.084	-0.084
P5Q3C -0.093	ON K6D2G_R	13.369	-0.095	-0.095
P5Q3C -0.096	ON K6D2I_R	21.463	-0.099	-0.099
P5Q3C -0.090	ON K6D2K_R	22.001	-0.092	-0.092
P5Q3C -0.077	ON K6D2L_R	18.385	-0.078	-0.078
P5Q3C -0.092	ON K6D2M_R	23.483	-0.094	-0.094
P5Q3C -0.082	ON K6D2O_R	17.358	-0.083	-0.083
P5Q3C -0.062	ON K6D2S_R	20.134	-0.063	-0.063
P5Q3C -0.095	ON K6D2V_R	24.739	-0.097	-0.097
P5Q3C -0.085	ON K6D2W_R	24.053	-0.087	-0.087
P5Q3C -0.075	ON K6D2Y_R	16.483	-0.076	-0.076
P5Q3C -0.069	ON K6D2AA_R	17.398	-0.071	-0.071
P5Q3C -0.095	ON K6D2AE_R	19.022	-0.097	-0.097
P5Q3C -0.080	ON K6D2AF_R	17.080	-0.082	-0.082
P5Q3C -0.092	ON K6D2AH_R	17.293	-0.094	-0.094
P5Q3C 0.526	ON P5Q3M	561.452	0.533	0.533
P5Q3C 0.492	ON P5Q3AB	408.824	0.500	0.500
P5Q3C 0.474	ON P5Q3AD	518.137	0.479	0.479
P5Q3C 0.472	ON P5Q3AF	620.785	0.475	0.475
P5Q3C 0.446	ON P5Q3AH	626.903	0.446	0.446
P5Q3C 0.505	ON P5Q3AR	540.663	0.510	0.510
P5Q3C 0.443	ON P5Q3AV	588.339	0.444	0.444
P5Q3C 0.446	ON P5Q3AX	597.819	0.446	0.446
P5Q3C 0.459	ON P5Q3BQ	534.739	0.465	0.465

P5Q3C 0.477	ON P5Q3CK	629.314	0.477	0.477
P5Q3C 0.470	ON P5Q3DB	562.715	0.475	0.475
P5Q3C 0.549	ON P5Q3E	419.865	0.558	0.558
P5Q3C 0.478	ON P5Q3A0	493.621	0.483	0.483
P5Q3C 0.485	ON P5Q3BK	516.295	0.489	0.489
P5Q3C 0.486	ON P5Q3B0	495.127	0.491	0.491
P5Q3C 0.500	ON P5Q3CU	561.560	0.504	0.504
P5Q3C 0.455	ON P5Q3DA	551.086	0.457	0.457
P5Q3C 0.493	ON P5Q3AS	517.470	0.499	0.499
P5Q3C 0.548	ON P5Q3AU	530.934	0.555	0.555
P5Q3C 0.459	ON P5Q3AZ	583.612	0.460	0.460
P5Q3C 0.465	ON P5Q3BB1	568.145	0.467	0.467
P5Q3C 0.483	ON P5Q3BB2	488.658	0.489	0.489
P5Q3C 0.574	ON P5Q3BB5	445.485	0.583	0.583
P5Q3C 0.436	ON P5Q3BB6	547.436	0.437	0.437
P5Q3C 0.509	ON P5Q3BB7	560.994	0.512	0.512
P5Q3C 0.105	ON P5Q3U	10.924	0.104	0.104
P5Q30 -0.140	ON K5E1A	11.373	-0.146	-0.146
P5Q30 -0.139	ON K5E1B	10.143	-0.145	-0.145
P5Q30 -0.167	ON K5E1C	17.122	-0.173	-0.173
P5Q30 -0.158	ON K5E1D	13.086	-0.164	-0.164
P5Q30 0.071	ON K6D2AG_R	12.477	0.074	0.074
P5Q30 0.088	ON K6D2AI_R	11.934	0.091	0.091
P5Q30 0.092	ON K6D2D_R	15.178	0.095	0.095
P5Q30 0.085	ON K6D2J_R	11.687	0.088	0.088

P5Q30 0.091	ON K6D2T_R	16.098	0.094	0.094
P5Q30 0.074	ON K6D2AC_R	15.877	0.076	0.076
P5Q30 0.114	ON K6D2AK_R	19.356	0.118	0.118
P5Q30 0.091	ON K6D2C_R	14.011	0.095	0.095
P5Q30 0.073	ON K6D2N_R	14.922	0.076	0.076
P5Q30 0.094	ON K6D2X_R	19.158	0.098	0.098
P5Q30 0.092	ON K6D61E	10.012	0.095	0.095
P5Q30 -0.070	ON K6D2B_R	11.242	-0.073	-0.073
P5Q30 -0.076	ON K6D2F_R	11.287	-0.079	-0.079
P5Q30 -0.107	ON K6D2G_R	10.202	-0.111	-0.111
P5Q30 -0.089	ON K6D2I_R	10.618	-0.092	-0.092
P5Q30 -0.083	ON K6D2K_R	11.147	-0.086	-0.086
P5Q30 -0.081	ON K6D2L_R	11.817	-0.084	-0.084
P5Q30 -0.083	ON K6D2M_R	11.220	-0.086	-0.086
P5Q30 -0.059	ON K6D2S_R	10.549	-0.061	-0.061
P5Q30 -0.083	ON K6D2V_R	10.990	-0.086	-0.086
P5Q30 -0.084	ON K6D2AF_R	10.934	-0.087	-0.087
P5Q30 -0.094	ON K6D2AH_R	10.454	-0.098	-0.098
P5Q30 0.636	ON P5Q3M	623.039	0.654	0.654
P5Q30 0.615	ON P5Q3AB	448.445	0.635	0.635
P5Q30 0.597	ON P5Q3AD	595.548	0.611	0.611
P5Q30 0.562	ON P5Q3AF	632.359	0.573	0.573
P5Q30 0.531	ON P5Q3AH	651.476	0.538	0.538
P5Q30 0.626	ON P5Q3AR	600.174	0.642	0.642
P5Q30 0.537	ON P5Q3AV	608.798	0.547	0.547

P5Q30 0.535	ON P5Q3AX	638.004	0.542	0.542
P5Q30 0.551	ON P5Q3BQ	505.491	0.565	0.565
P5Q30 0.581	ON P5Q3CK	693.586	0.590	0.590
P5Q30 0.579	ON P5Q3DB	526.421	0.594	0.594
P5Q30 0.719	ON P5Q3E	535.618	0.743	0.743
P5Q30 0.607	ON P5Q3A0	588.342	0.622	0.622
P5Q30 0.614	ON P5Q3BK	612.862	0.628	0.628
P5Q30 0.608	ON P5Q3B0	592.476	0.624	0.624
P5Q30 0.599	ON P5Q3CU	611.996	0.612	0.612
P5Q30 0.561	ON P5Q3DA	640.158	0.572	0.572
P5Q30 0.584	ON P5Q3AS	525.404	0.600	0.600
P5Q30 0.694	ON P5Q3AU	592.969	0.713	0.713
P5Q30 0.548	ON P5Q3AZ	638.934	0.557	0.557
P5Q30 0.567	ON P5Q3BB1	602.905	0.578	0.578
P5Q30 0.611	ON P5Q3BB2	538.743	0.627	0.627
P5Q30 0.715	ON P5Q3BB5	495.995	0.738	0.738
P5Q30 0.543	ON P5Q3BB6	593.114	0.553	0.553
P5Q30 0.605	ON P5Q3BB7	612.563	0.619	0.619
P5Q3R -0.068	ON K6B1A_R	10.918	-0.070	-0.070
P5Q3R -0.059	ON K6B1B_R	10.466	-0.061	-0.061
P5Q3R -0.060	ON K6B1C_R	10.551	-0.062	-0.062
P5Q3R -0.127	ON K5E1A	14.892	-0.131	-0.131
P5Q3R -0.148	ON K5E1C	20.068	-0.152	-0.152
P5Q3R -0.163	ON K5E1D	21.734	-0.167	-0.167
P5Q3R 0.078	ON K6D2AG_R	24.048	0.080	0.080

P5Q3R 0.085	ON K6D2AI_R	17.877	0.087	0.087
P5Q3R 0.101	ON K6D2D_R	29.734	0.103	0.103
P5Q3R 0.088	ON K6D2J_R	20.306	0.090	0.090
P5Q3R 0.097	ON K6D2T_R	29.634	0.100	0.100
P5Q3R 0.082	ON K6D2AC_R	31.907	0.084	0.084
P5Q3R 0.107	ON K6D2AK_R	28.364	0.110	0.110
P5Q3R 0.094	ON K6D2C_R	24.290	0.096	0.096
P5Q3R 0.082	ON K6D2N_R	30.734	0.084	0.084
P5Q3R 0.100	ON K6D2X_R	34.112	0.102	0.102
P5Q3R -0.063	ON K6D2B_R	14.619	-0.065	-0.065
P5Q3R -0.067	ON K6D2F_R	14.422	-0.068	-0.068
P5Q3R -0.089	ON K6D2G_R	11.280	-0.092	-0.092
P5Q3R -0.071	ON K6D2I_R	10.863	-0.073	-0.073
P5Q3R -0.071	ON K6D2K_R	13.156	-0.073	-0.073
P5Q3R -0.071	ON K6D2L_R	14.843	-0.073	-0.073
P5Q3R -0.077	ON K6D2M_R	15.267	-0.078	-0.078
P5Q3R -0.068	ON K6D2O_R	11.331	-0.070	-0.070
P5Q3R -0.053	ON K6D2S_R	13.680	-0.054	-0.054
P5Q3R -0.076	ON K6D2V_R	15.139	-0.078	-0.078
P5Q3R -0.064	ON K6D2W_R	12.612	-0.065	-0.065
P5Q3R -0.068	ON K6D2Y_R	12.740	-0.070	-0.070
P5Q3R -0.062	ON K6D2AA_R	13.035	-0.063	-0.063
P5Q3R -0.072	ON K6D2AE_R	10.097	-0.074	-0.074
P5Q3R -0.068	ON K6D2AF_R	11.513	-0.070	-0.070
P5Q3R -0.076	ON K6D2AH_R	10.859	-0.078	-0.078

P5Q3R 0.638	ON P5Q3M	881.777	0.647	0.647
P5Q3R 0.609	ON P5Q3AB	668.842	0.618	0.618
P5Q3R 0.581	ON P5Q3AD	810.657	0.586	0.586
P5Q3R 0.568	ON P5Q3AF	905.869	0.571	0.571
P5Q3R 0.538	ON P5Q3AH	929.604	0.538	0.538
P5Q3R 0.610	ON P5Q3AR	807.495	0.616	0.616
P5Q3R 0.533	ON P5Q3AV	880.186	0.534	0.534
P5Q3R 0.540	ON P5Q3AX	900.561	0.539	0.539
P5Q3R 0.542	ON P5Q3BQ	763.600	0.548	0.548
P5Q3R 0.585	ON P5Q3CK	964.062	0.585	0.585
P5Q3R 0.552	ON P5Q3DB	761.701	0.558	0.558
P5Q3R 0.683	ON P5Q3E	678.583	0.695	0.695
P5Q3R 0.589	ON P5Q3A0	763.114	0.595	0.595
P5Q3R 0.603	ON P5Q3BK	828.676	0.608	0.608
P5Q3R 0.593	ON P5Q3B0	767.415	0.600	0.600
P5Q3R 0.609	ON P5Q3CU	857.437	0.614	0.614
P5Q3R 0.559	ON P5Q3DA	864.911	0.561	0.561
P5Q3R 0.597	ON P5Q3AS	769.675	0.605	0.605
P5Q3R 0.682	ON P5Q3AU	809.673	0.690	0.690
P5Q3R 0.559	ON P5Q3AZ	899.636	0.560	0.560
P5Q3R 0.559	ON P5Q3BB1	840.182	0.562	0.562
P5Q3R 0.594	ON P5Q3BB2	723.424	0.601	0.601
P5Q3R 0.697	ON P5Q3BB5	677.519	0.709	0.709
P5Q3R 0.537	ON P5Q3BB6	822.898	0.539	0.539
P5Q3R 0.612	ON P5Q3BB7	838.801	0.616	0.616

P5Q3S -0.140	ON K5E1C	12.195	-0.145	-0.145
P5Q3S -0.168	ON K5E1D	15.751	-0.175	-0.175
P5Q3S 0.076	ON K6D2D_R	11.493	0.079	0.079
P5Q3S 0.073	ON K6D2T_R	11.508	0.076	0.076
P5Q3S 0.066	ON K6D2AC_R	13.831	0.068	0.068
P5Q3S 0.106	ON K6D2AK_R	19.014	0.111	0.111
P5Q3S 0.076	ON K6D2C_R	10.598	0.079	0.079
P5Q3S 0.070	ON K6D2N_R	15.041	0.073	0.073
P5Q3S 0.083	ON K6D2X_R	15.565	0.086	0.086
P5Q3S 0.094	ON K6D2A_R	11.419	0.097	0.097
P5Q3S 0.088	ON K6D2Z_R	11.667	0.091	0.091
P5Q3S 0.069	ON K6D2AJ_R	10.478	0.071	0.071
P5Q3S 0.073	ON K6D61C	11.083	0.075	0.075
P5Q3S 0.089	ON K6D61D	11.925	0.092	0.092
P5Q3S 0.105	ON K6D61E	14.223	0.108	0.108
P5Q3S 0.099	ON K6D61L	10.352	0.103	0.103
P5Q3S 0.107	ON K6D40_R	13.358	0.111	0.111
P5Q3S 0.094	ON K6F63_R	10.865	0.097	0.097
P5Q3S 0.106	ON K6F68_R	11.865	0.110	0.110
P5Q3S 0.110	ON K6F74_R	12.323	0.114	0.114
P5Q3S 0.623	ON P5Q3M	632.209	0.642	0.642
P5Q3S 0.592	ON P5Q3AB	453.859	0.612	0.612
P5Q3S 0.581	ON P5Q3AD	592.993	0.597	0.597
P5Q3S 0.551	ON P5Q3AF	632.477	0.563	0.563
P5Q3S 0.523	ON P5Q3AH	665.013	0.532	0.532

P5Q3S 0.603	ON P5Q3AR	603.623	0.619	0.619
P5Q3S 0.522	ON P5Q3AV	619.619	0.532	0.532
P5Q3S 0.528	ON P5Q3AX	646.316	0.536	0.536
P5Q3S 0.536	ON P5Q3BQ	501.431	0.552	0.552
P5Q3S 0.567	ON P5Q3CK	699.556	0.577	0.577
P5Q3S 0.552	ON P5Q3DB	516.374	0.568	0.568
P5Q3S 0.689	ON P5Q3E	550.115	0.712	0.712
P5Q3S 0.590	ON P5Q3A0	581.290	0.606	0.606
P5Q3S 0.594	ON P5Q3BK	620.819	0.610	0.610
P5Q3S 0.588	ON P5Q3B0	572.589	0.605	0.605
P5Q3S 0.591	ON P5Q3CU	600.253	0.606	0.606
P5Q3S 0.547	ON P5Q3DA	634.077	0.558	0.558
P5Q3S 0.585	ON P5Q3AS	546.778	0.602	0.602
P5Q3S 0.670	ON P5Q3AU	574.450	0.690	0.690
P5Q3S 0.535	ON P5Q3AZ	647.926	0.545	0.545
P5Q3S 0.556	ON P5Q3BB1	606.006	0.568	0.568
P5Q3S 0.585	ON P5Q3BB2	524.495	0.602	0.602
P5Q3S 0.678	ON P5Q3BB5	486.026	0.701	0.701
P5Q3S 0.527	ON P5Q3BB6	583.750	0.538	0.538
P5Q3S 0.599	ON P5Q3BB7	612.497	0.614	0.614
P5Q3S 0.300	ON P5Q3T	127.993	0.299	0.299
P5Q3T 0.080	ON K6D2AK_R	10.355	0.083	0.083
P5Q3T 0.625	ON P5Q3M	633.044	0.645	0.645
P5Q3T 0.588	ON P5Q3AB	457.582	0.609	0.609
P5Q3T 0.582	ON P5Q3AD	605.780	0.598	0.598

P5Q3T 0.547	ON P5Q3AF	641.283	0.560	0.560
P5Q3T 0.517	ON P5Q3AH	671.785	0.526	0.526
P5Q3T 0.606	ON P5Q3AR	620.614	0.623	0.623
P5Q3T 0.512	ON P5Q3AV	630.661	0.523	0.523
P5Q3T 0.517	ON P5Q3AX	649.260	0.527	0.527
P5Q3T 0.538	ON P5Q3BQ	524.079	0.555	0.555
P5Q3T 0.563	ON P5Q3CK	705.821	0.573	0.573
P5Q3T 0.553	ON P5Q3DB	531.463	0.570	0.570
P5Q3T 0.692	ON P5Q3E	537.368	0.717	0.717
P5Q3T 0.583	ON P5Q3A0	588.275	0.600	0.600
P5Q3T 0.588	ON P5Q3BK	612.860	0.604	0.604
P5Q3T 0.580	ON P5Q3B0	569.501	0.597	0.597
P5Q3T 0.591	ON P5Q3CU	621.920	0.606	0.606
P5Q3T 0.542	ON P5Q3DA	632.877	0.554	0.554
P5Q3T 0.568	ON P5Q3AS	542.731	0.586	0.586
P5Q3T 0.657	ON P5Q3AU	575.862	0.677	0.677
P5Q3T 0.533	ON P5Q3AZ	658.447	0.544	0.544
P5Q3T 0.549	ON P5Q3BB1	621.880	0.562	0.562
P5Q3T 0.575	ON P5Q3BB2	531.621	0.592	0.592
P5Q3T 0.697	ON P5Q3BB5	522.435	0.721	0.721
P5Q3T 0.523	ON P5Q3BB6	595.777	0.534	0.534
P5Q3T 0.603	ON P5Q3BB7	638.654	0.619	0.619
P5Q3T 0.299	ON P5Q3S	127.993	0.299	0.299
P5Q3U 0.527	ON P5Q3M	564.596	0.541	0.541
P5Q3U 0.501	ON P5Q3AB	442.764	0.516	0.516

P5Q3U 0.468	ON P5Q3AD	525.889	0.478	0.478
P5Q3U 0.458	ON P5Q3AF	591.187	0.467	0.467
P5Q3U 0.439	ON P5Q3AH	624.324	0.445	0.445
P5Q3U 0.493	ON P5Q3AR	533.156	0.505	0.505
P5Q3U 0.427	ON P5Q3AV	564.086	0.434	0.434
P5Q3U 0.434	ON P5Q3AX	577.916	0.440	0.440
P5Q3U 0.440	ON P5Q3BQ	488.245	0.452	0.452
P5Q3U 0.472	ON P5Q3CK	619.269	0.479	0.479
P5Q3U 0.450	ON P5Q3DB	490.068	0.462	0.462
P5Q3U 0.545	ON P5Q3E	419.427	0.562	0.562
P5Q3U 0.469	ON P5Q3A0	483.829	0.480	0.480
P5Q3U 0.486	ON P5Q3BK	529.913	0.497	0.497
P5Q3U 0.494	ON P5Q3B0	519.778	0.507	0.507
P5Q3U 0.492	ON P5Q3CU	555.735	0.503	0.503
P5Q3U 0.442	ON P5Q3DA	548.725	0.450	0.450
P5Q3U 0.481	ON P5Q3AS	493.772	0.494	0.494
P5Q3U 0.542	ON P5Q3AU	518.110	0.556	0.556
P5Q3U 0.438	ON P5Q3AZ	563.018	0.445	0.445
P5Q3U 0.457	ON P5Q3BB1	555.027	0.465	0.465
P5Q3U 0.469	ON P5Q3BB2	464.074	0.481	0.481
P5Q3U 0.542	ON P5Q3BB5	421.591	0.559	0.559
P5Q3U 0.434	ON P5Q3BB6	536.292	0.442	0.442
P5Q3U 0.501	ON P5Q3BB7	553.568	0.511	0.511
P5Q3U 0.173	ON P5Q3AA	43.860	0.172	0.172
P5Q3U 0.102	ON P5Q3C	10.924	0.104	0.104

P5Q3U 0.230	ON P5Q3V	81.685	0.230	0.230
P5Q3U -0.149	ON P5Q3CG	13.976	-0.150	-0.150
P5Q3V -0.125	ON K5E1C	13.528	-0.130	-0.130
P5Q3V 0.451	ON P5Q3M	341.487	0.464	0.464
P5Q3V 0.422	ON P5Q3AB	270.928	0.434	0.434
P5Q3V 0.408	ON P5Q3AD	345.497	0.417	0.417
P5Q3V 0.385	ON P5Q3AF	362.115	0.392	0.392
P5Q3V 0.372	ON P5Q3AH	390.458	0.377	0.377
P5Q3V 0.440	ON P5Q3AR	375.527	0.450	0.450
P5Q3V 0.362	ON P5Q3AV	343.248	0.368	0.368
P5Q3V 0.366	ON P5Q3AX	366.484	0.371	0.371
P5Q3V 0.371	ON P5Q3BQ	286.266	0.380	0.380
P5Q3V 0.406	ON P5Q3CK	407.147	0.411	0.411
P5Q3V 0.369	ON P5Q3DB	276.079	0.378	0.378
P5Q3V 0.479	ON P5Q3E	277.388	0.493	0.493
P5Q3V 0.405	ON P5Q3A0	312.564	0.415	0.415
P5Q3V 0.419	ON P5Q3BK	346.429	0.428	0.428
P5Q3V 0.422	ON P5Q3B0	336.333	0.433	0.433
P5Q3V 0.409	ON P5Q3CU	334.987	0.418	0.418
P5Q3V 0.387	ON P5Q3DA	357.089	0.394	0.394
P5Q3V 0.402	ON P5Q3AS	306.194	0.412	0.412
P5Q3V 0.457	ON P5Q3AU	313.620	0.469	0.469
P5Q3V 0.379	ON P5Q3AZ	369.876	0.385	0.385
P5Q3V 0.384	ON P5Q3BB1	339.195	0.391	0.391
P5Q3V 0.409	ON P5Q3BB2	298.129	0.419	0.419

P5Q3V 0.479	ON P5Q3BB5	280.574	0.493	0.493
P5Q3V 0.365	ON P5Q3BB6	326.964	0.372	0.372
P5Q3V 0.425	ON P5Q3BB7	353.031	0.434	0.434
P5Q3V 0.216	ON P5Q3AA	71.770	0.215	0.215
P5Q3V 0.231	ON P5Q3U	81.685	0.230	0.230
P5Q3V -0.214	ON P5Q3BN	20.519	-0.215	-0.215
P5Q3V -0.152	ON P5Q3CF	13.612	-0.152	-0.152
P5Q3V -0.196	ON P5Q3CG	19.328	-0.197	-0.197
P5Q3V -0.187	ON P5Q3CH	12.622	-0.189	-0.189
P5Q3V -0.190	ON P5Q3CI	11.116	-0.194	-0.194
P5Q3AJ 0.095	ON K6D61D	10.680	0.098	0.098
P5Q3AJ 0.614	ON P5Q3M	431.849	0.631	0.631
P5Q3AJ 0.577	ON P5Q3AB	337.626	0.594	0.594
P5Q3AJ 0.568	ON P5Q3AD	456.827	0.581	0.581
P5Q3AJ 0.534	ON P5Q3AF	475.495	0.544	0.544
P5Q3AJ 0.501	ON P5Q3AH	501.526	0.507	0.507
P5Q3AJ 0.597	ON P5Q3AR	476.449	0.611	0.611
P5Q3AJ 0.504	ON P5Q3AV	453.336	0.512	0.512
P5Q3AJ 0.497	ON P5Q3AX	480.956	0.503	0.503
P5Q3AJ 0.528	ON P5Q3BQ	380.274	0.541	0.541
P5Q3AJ 0.539	ON P5Q3CK	515.469	0.546	0.546
P5Q3AJ 0.552	ON P5Q3DB	393.322	0.565	0.565
P5Q3AJ 0.703	ON P5Q3E	397.951	0.724	0.724
P5Q3AJ 0.579	ON P5Q3A0	441.576	0.593	0.593
P5Q3AJ 0.578	ON P5Q3BK	448.015	0.590	0.590

P5Q3AJ 0.572	ON P5Q3B0	406.755	0.586	0.586
P5Q3AJ 0.565	ON P5Q3CU	441.459	0.577	0.577
P5Q3AJ 0.529	ON P5Q3DA	464.797	0.538	0.538
P5Q3AJ 0.559	ON P5Q3AS	412.204	0.573	0.573
P5Q3AJ 0.637	ON P5Q3AU	429.733	0.653	0.653
P5Q3AJ 0.523	ON P5Q3AZ	478.317	0.531	0.531
P5Q3AJ 0.519	ON P5Q3BB1	434.951	0.528	0.528
P5Q3AJ 0.569	ON P5Q3BB2	395.816	0.583	0.583
P5Q3AJ 0.679	ON P5Q3BB5	386.375	0.700	0.700
P5Q3AJ 0.497	ON P5Q3BB6	425.411	0.506	0.506
P5Q3AJ 0.569	ON P5Q3BB7	455.846	0.580	0.580
P5Q3AJ 0.172	ON P5Q3AL	12.510	0.175	0.175
P5Q3BC -0.190	ON K5E1C	12.313	-0.198	-0.198
P5Q3BC -0.223	ON K5E1D	13.562	-0.233	-0.233
P5Q3BC 0.131	ON K6D2AG_R	24.134	0.136	0.136
P5Q3BC 0.159	ON K6D2AI_R	22.573	0.166	0.166
P5Q3BC 0.154	ON K6D2D_R	25.670	0.160	0.160
P5Q3BC 0.139	ON K6D2J_R	18.708	0.145	0.145
P5Q3BC 0.145	ON K6D2T_R	22.911	0.151	0.151
P5Q3BC 0.129	ON K6D2AC_R	27.865	0.134	0.134
P5Q3BC 0.177	ON K6D2AK_R	26.634	0.185	0.185
P5Q3BC 0.160	ON K6D2C_R	24.681	0.167	0.167
P5Q3BC 0.128	ON K6D2N_R	25.483	0.133	0.133
P5Q3BC 0.150	ON K6D2X_R	27.508	0.156	0.156
P5Q3BC 0.125	ON K6D2A_R	11.312	0.130	0.130

P5Q3BC 0.117	ON K6D2Z_R	10.894	0.121	0.121
P5Q3BC 0.117	ON K6D2AB_R	11.783	0.121	0.121
P5Q3BC 0.106	ON K6D2AJ_R	12.821	0.109	0.109
P5Q3BC 0.112	ON K6D61C	15.117	0.115	0.115
P5Q3BC 0.123	ON K6D61D	13.129	0.127	0.127
P5Q3BC 0.149	ON K6D61E	16.779	0.154	0.154
P5Q3BC 0.109	ON K6D61K	13.984	0.112	0.112
P5Q3BC 0.151	ON K6D61L	13.988	0.157	0.157
P5Q3BC 0.164	ON K6D40_R	17.967	0.169	0.169
P5Q3BC 0.147	ON K6D48_R	12.966	0.152	0.152
P5Q3BC 0.137	ON K6F63_R	12.761	0.142	0.142
P5Q3BC 0.168	ON K6F68_R	16.554	0.174	0.174
P5Q3BC 0.168	ON K6F74_R	16.703	0.173	0.173
P5Q3BC -0.107	ON K6D2L_R	11.551	-0.112	-0.112
P5Q3BC -0.093	ON K6D2AA_R	10.027	-0.097	-0.097
P5Q3BC -0.108	ON K6D2AF_R	10.170	-0.113	-0.113
P5Q3BC 0.798	ON P5Q3M	656.617	0.824	0.824
P5Q3BC 0.781	ON P5Q3AB	547.863	0.809	0.809
P5Q3BC 0.739	ON P5Q3AD	702.003	0.760	0.760
P5Q3BC 0.697	ON P5Q3AF	716.311	0.715	0.715
P5Q3BC 0.647	ON P5Q3AH	767.897	0.659	0.659
P5Q3BC 0.745	ON P5Q3AR	699.527	0.767	0.767
P5Q3BC 0.655	ON P5Q3AV	719.085	0.670	0.670
P5Q3BC 0.643	ON P5Q3AX	753.467	0.655	0.655
P5Q3BC 0.727	ON P5Q3BQ	634.016	0.749	0.749

P5Q3BC 0.688	ON P5Q3CK	797.043	0.701	0.701
P5Q3BC 0.754	ON P5Q3DB	659.419	0.777	0.777
P5Q3BC 0.926	ON P5Q3E	608.001	0.959	0.959
P5Q3BC 0.748	ON P5Q3A0	676.388	0.770	0.770
P5Q3BC 0.756	ON P5Q3BK	713.605	0.777	0.777
P5Q3BC 0.756	ON P5Q3B0	678.938	0.779	0.779
P5Q3BC 0.757	ON P5Q3CU	725.532	0.777	0.777
P5Q3BC 0.672	ON P5Q3DA	741.944	0.688	0.688
P5Q3BC 0.727	ON P5Q3AS	628.112	0.750	0.750
P5Q3BC 0.834	ON P5Q3AU	693.415	0.861	0.861
P5Q3BC 0.668	ON P5Q3AZ	748.895	0.682	0.682
P5Q3BC 0.684	ON P5Q3BB1	694.436	0.700	0.700
P5Q3BC 0.748	ON P5Q3BB2	633.402	0.771	0.771
P5Q3BC 0.892	ON P5Q3BB5	604.175	0.924	0.924
P5Q3BC 0.657	ON P5Q3BB6	684.030	0.672	0.672
P5Q3BC 0.738	ON P5Q3BB7	733.621	0.757	0.757
P5Q3BN -0.139	ON K5E1A	11.989	-0.144	-0.144
P5Q3BN -0.137	ON K5E1C	11.944	-0.141	-0.141
P5Q3BN -0.176	ON K5E1D	17.648	-0.182	-0.182
P5Q3BN 0.090	ON K6D2AG_R	22.499	0.093	0.093
P5Q3BN 0.106	ON K6D2AI_R	18.985	0.109	0.109
P5Q3BN 0.105	ON K6D2D_R	22.290	0.108	0.108
P5Q3BN 0.107	ON K6D2J_R	20.465	0.110	0.110
P5Q3BN 0.099	ON K6D2T_R	21.353	0.102	0.102
P5Q3BN 0.090	ON K6D2AC_R	26.771	0.092	0.092

P5Q3BN 0.103	ON K6D2AK_R	18.072	0.106	0.106
P5Q3BN 0.102	ON K6D2C_R	19.800	0.105	0.105
P5Q3BN 0.091	ON K6D2N_R	26.151	0.093	0.093
P5Q3BN 0.101	ON K6D2X_R	24.619	0.104	0.104
P5Q3BN 0.092	ON K6D40_R	10.445	0.094	0.094
P5Q3BN -0.070	ON K6D2B_R	12.792	-0.072	-0.072
P5Q3BN -0.070	ON K6D2F_R	10.977	-0.072	-0.072
P5Q3BN -0.076	ON K6D2L_R	12.252	-0.078	-0.078
P5Q3BN -0.087	ON K6D20_R	13.211	-0.090	-0.090
P5Q3BN -0.057	ON K6D2S_R	11.280	-0.059	-0.059
P5Q3BN -0.072	ON K6D2Y_R	10.264	-0.075	-0.075
P5Q3BN -0.070	ON K6D2AA_R	12.012	-0.072	-0.072
P5Q3BN -0.078	ON K6D2AF_R	10.845	-0.081	-0.081
P5Q3BN -0.093	ON K6D2AH_R	11.619	-0.096	-0.096
P5Q3BN 0.690	ON P5Q3M	852.015	0.705	0.705
P5Q3BN 0.683	ON P5Q3AB	636.878	0.699	0.699
P5Q3BN 0.647	ON P5Q3AD	811.784	0.658	0.658
P5Q3BN 0.605	ON P5Q3AF	891.010	0.613	0.613
P5Q3BN 0.585	ON P5Q3AH	899.157	0.589	0.589
P5Q3BN 0.682	ON P5Q3AR	814.899	0.694	0.694
P5Q3BN 0.583	ON P5Q3AV	850.371	0.589	0.589
P5Q3BN 0.589	ON P5Q3AX	884.756	0.593	0.593
P5Q3BN 0.621	ON P5Q3BQ	755.256	0.632	0.632
P5Q3BN 0.627	ON P5Q3CK	943.523	0.631	0.631
P5Q3BN 0.628	ON P5Q3DB	736.560	0.639	0.639

P5Q3BN 0.795	ON P5Q3E	732.822	0.815	0.815
P5Q3BN 0.663	ON P5Q3A0	772.530	0.675	0.675
P5Q3BN 0.662	ON P5Q3BK	824.304	0.673	0.673
P5Q3BN 0.664	ON P5Q3B0	773.894	0.677	0.677
P5Q3BN 0.655	ON P5Q3CU	829.588	0.664	0.664
P5Q3BN 0.602	ON P5Q3DA	840.999	0.609	0.609
P5Q3BN 0.654	ON P5Q3AS	733.134	0.667	0.667
P5Q3BN 0.745	ON P5Q3AU	786.288	0.759	0.759
P5Q3BN 0.603	ON P5Q3AZ	883.778	0.608	0.608
P5Q3BN 0.618	ON P5Q3BB1	834.339	0.626	0.626
P5Q3BN 0.659	ON P5Q3BB2	735.814	0.672	0.672
P5Q3BN 0.785	ON P5Q3BB5	683.359	0.804	0.804
P5Q3BN 0.591	ON P5Q3BB6	819.644	0.598	0.598
P5Q3BN 0.682	ON P5Q3BB7	843.219	0.692	0.692
P5Q3BN -0.217	ON P5Q3V	20.521	-0.215	-0.215
P5Q3BN 0.136	ON P5Q3C0	15.170	0.135	0.135
P5Q3BN 0.140	ON P5Q3CW	12.063	0.141	0.141
P5Q3CF -0.070	ON K6B1A_R	10.460	-0.073	-0.073
P5Q3CF -0.071	ON K6B1B_R	13.643	-0.073	-0.073
P5Q3CF -0.066	ON K6B1C_R	11.748	-0.068	-0.068
P5Q3CF -0.083	ON K6B1D_R	12.700	-0.086	-0.086
P5Q3CF -0.162	ON K5E1A	20.884	-0.167	-0.167
P5Q3CF -0.126	ON K5E1B	12.171	-0.130	-0.130
P5Q3CF -0.178	ON K5E1C	26.604	-0.184	-0.184
P5Q3CF -0.182	ON K5E1D	24.357	-0.188	-0.188

P5Q3CF 0.083	ON K6D2AG_R	24.429	0.086	0.086
P5Q3CF 0.096	ON K6D2AI_R	20.474	0.099	0.099
P5Q3CF 0.105	ON K6D2D_R	28.715	0.108	0.108
P5Q3CF 0.107	ON K6D2J_R	26.781	0.110	0.110
P5Q3CF 0.096	ON K6D2T_R	26.109	0.099	0.099
P5Q3CF 0.086	ON K6D2AC_R	30.725	0.088	0.088
P5Q3CF 0.108	ON K6D2AK_R	25.384	0.111	0.111
P5Q3CF 0.104	ON K6D2C_R	26.179	0.107	0.107
P5Q3CF 0.086	ON K6D2N_R	29.323	0.088	0.088
P5Q3CF 0.101	ON K6D2X_R	31.012	0.104	0.104
P5Q3CF -0.069	ON K6D2B_R	15.843	-0.071	-0.071
P5Q3CF -0.083	ON K6D2F_R	19.666	-0.086	-0.086
P5Q3CF -0.102	ON K6D2G_R	13.539	-0.105	-0.105
P5Q3CF -0.086	ON K6D2I_R	13.913	-0.089	-0.089
P5Q3CF -0.081	ON K6D2K_R	14.846	-0.083	-0.083
P5Q3CF -0.077	ON K6D2L_R	15.707	-0.080	-0.080
P5Q3CF -0.075	ON K6D2M_R	13.419	-0.078	-0.078
P5Q3CF -0.078	ON K6D2O_R	13.209	-0.080	-0.080
P5Q3CF -0.059	ON K6D2S_R	14.934	-0.060	-0.060
P5Q3CF -0.085	ON K6D2V_R	16.942	-0.088	-0.088
P5Q3CF -0.069	ON K6D2W_R	13.059	-0.071	-0.071
P5Q3CF -0.071	ON K6D2Y_R	12.708	-0.074	-0.074
P5Q3CF -0.068	ON K6D2AA_R	13.938	-0.070	-0.070
P5Q3CF -0.084	ON K6D2AF_R	15.687	-0.086	-0.086
P5Q3CF -0.095	ON K6D2AH_R	15.567	-0.098	-0.098

P5Q3CF 0.691	ON P5Q3M	921.962	0.707	0.707
P5Q3CF 0.686	ON P5Q3AB	791.998	0.704	0.704
P5Q3CF 0.635	ON P5Q3AD	920.293	0.647	0.647
P5Q3CF 0.606	ON P5Q3AF	1011.462	0.615	0.615
P5Q3CF 0.571	ON P5Q3AH	1071.114	0.576	0.576
P5Q3CF 0.676	ON P5Q3AR	979.582	0.689	0.689
P5Q3CF 0.577	ON P5Q3AV	1014.527	0.584	0.584
P5Q3CF 0.589	ON P5Q3AX	1060.529	0.595	0.595
P5Q3CF 0.606	ON P5Q3BQ	926.197	0.618	0.618
P5Q3CF 0.631	ON P5Q3CK	1125.006	0.637	0.637
P5Q3CF 0.613	ON P5Q3DB	897.899	0.625	0.625
P5Q3CF 0.773	ON P5Q3E	795.439	0.794	0.794
P5Q3CF 0.652	ON P5Q3A0	929.463	0.665	0.665
P5Q3CF 0.660	ON P5Q3BK	1004.235	0.672	0.672
P5Q3CF 0.655	ON P5Q3B0	942.539	0.669	0.669
P5Q3CF 0.661	ON P5Q3CU	1008.766	0.672	0.672
P5Q3CF 0.608	ON P5Q3DA	1028.809	0.617	0.617
P5Q3CF 0.650	ON P5Q3AS	904.566	0.665	0.665
P5Q3CF 0.730	ON P5Q3AU	942.037	0.746	0.746
P5Q3CF 0.606	ON P5Q3AZ	1044.249	0.613	0.613
P5Q3CF 0.617	ON P5Q3BB1	1005.746	0.625	0.625
P5Q3CF 0.662	ON P5Q3BB2	898.199	0.676	0.676
P5Q3CF 0.771	ON P5Q3BB5	813.568	0.792	0.792
P5Q3CF 0.582	ON P5Q3BB6	976.660	0.590	0.590
P5Q3CF 0.678	ON P5Q3BB7	1018.306	0.689	0.689

P5Q3CF -0.153	ON P5Q3V	13.612	-0.152	-0.152
P5Q3CF 0.173	ON P5Q3CG	29.983	0.174	0.174
P5Q3CF 0.145	ON P5Q3CH	12.645	0.147	0.147
P5Q3CF 0.131	ON P5Q3C0	17.698	0.131	0.131
P5Q3CG -0.084	ON K6B1A_R	13.867	-0.087	-0.087
P5Q3CG -0.078	ON K6B1B_R	15.114	-0.080	-0.080
P5Q3CG -0.081	ON K6B1C_R	16.131	-0.083	-0.083
P5Q3CG -0.093	ON K6B1D_R	14.824	-0.096	-0.096
P5Q3CG -0.145	ON K5E1A	15.971	-0.150	-0.150
P5Q3CG -0.127	ON K5E1B	11.540	-0.131	-0.131
P5Q3CG -0.165	ON K5E1C	21.653	-0.170	-0.170
P5Q3CG -0.221	ON K5E1D	34.466	-0.229	-0.229
P5Q3CG 0.096	ON K6D2AG_R	31.317	0.099	0.099
P5Q3CG 0.107	ON K6D2AI_R	24.233	0.111	0.111
P5Q3CG 0.119	ON K6D2D_R	34.726	0.122	0.122
P5Q3CG 0.109	ON K6D2J_R	26.576	0.113	0.113
P5Q3CG 0.106	ON K6D2T_R	30.361	0.109	0.109
P5Q3CG 0.096	ON K6D2AC_R	36.522	0.099	0.099
P5Q3CG 0.122	ON K6D2AK_R	30.880	0.126	0.126
P5Q3CG 0.122	ON K6D2C_R	33.636	0.125	0.125
P5Q3CG 0.098	ON K6D2N_R	36.600	0.101	0.101
P5Q3CG 0.112	ON K6D2X_R	36.492	0.116	0.116
P5Q3CG -0.088	ON K6D2B_R	24.056	-0.091	-0.091
P5Q3CG -0.096	ON K6D2F_R	24.676	-0.099	-0.099
P5Q3CG -0.131	ON K6D2G_R	20.609	-0.135	-0.135

P5Q3CG -0.091	ON K6D2I_R	15.208	-0.094	-0.094
P5Q3CG -0.095	ON K6D2K_R	19.511	-0.098	-0.098
P5Q3CG -0.101	ON K6D2L_R	25.274	-0.104	-0.104
P5Q3CG -0.093	ON K6D2M_R	19.455	-0.096	-0.096
P5Q3CG -0.100	ON K6D2O_R	20.457	-0.103	-0.103
P5Q3CG -0.078	ON K6D2S_R	24.670	-0.080	-0.080
P5Q3CG -0.102	ON K6D2V_R	22.773	-0.105	-0.105
P5Q3CG -0.086	ON K6D2W_R	18.823	-0.088	-0.088
P5Q3CG -0.095	ON K6D2Y_R	21.529	-0.098	-0.098
P5Q3CG -0.086	ON K6D2AA_R	21.192	-0.088	-0.088
P5Q3CG -0.092	ON K6D2AE_R	13.990	-0.095	-0.095
P5Q3CG -0.102	ON K6D2AF_R	21.962	-0.105	-0.105
P5Q3CG -0.110	ON K6D2AH_R	19.459	-0.114	-0.114
P5Q3CG 0.776	ON P5Q3M	1205.119	0.793	0.793
P5Q3CG 0.780	ON P5Q3AB	1002.123	0.799	0.799
P5Q3CG 0.738	ON P5Q3AD	1224.413	0.751	0.751
P5Q3CG 0.692	ON P5Q3AF	1302.946	0.701	0.701
P5Q3CG 0.660	ON P5Q3AH	1360.368	0.665	0.665
P5Q3CG 0.763	ON P5Q3AR	1277.581	0.777	0.777
P5Q3CG 0.652	ON P5Q3AV	1319.634	0.659	0.659
P5Q3CG 0.677	ON P5Q3AX	1383.794	0.682	0.682
P5Q3CG 0.680	ON P5Q3BQ	1145.600	0.693	0.693
P5Q3CG 0.720	ON P5Q3CK	1451.882	0.726	0.726
P5Q3CG 0.700	ON P5Q3DB	1141.483	0.713	0.713
P5Q3CG 0.885	ON P5Q3E	1088.793	0.907	0.907

P5Q3CG 0.750	ON P5Q3A0	1238.321	0.764	0.764
P5Q3CG 0.753	ON P5Q3BK	1297.074	0.765	0.765
P5Q3CG 0.735	ON P5Q3B0	1240.488	0.749	0.749
P5Q3CG 0.755	ON P5Q3CU	1306.022	0.767	0.767
P5Q3CG 0.688	ON P5Q3DA	1345.255	0.696	0.696
P5Q3CG 0.758	ON P5Q3AS	1166.035	0.773	0.773
P5Q3CG 0.873	ON P5Q3AU	1253.211	0.890	0.890
P5Q3CG 0.686	ON P5Q3AZ	1366.175	0.693	0.693
P5Q3CG 0.707	ON P5Q3BB1	1293.371	0.716	0.716
P5Q3CG 0.757	ON P5Q3BB2	1174.860	0.772	0.772
P5Q3CG 0.893	ON P5Q3BB5	1077.580	0.915	0.915
P5Q3CG 0.673	ON P5Q3BB6	1272.384	0.681	0.681
P5Q3CG 0.791	ON P5Q3BB7	1330.958	0.803	0.803
P5Q3CG -0.169	ON P5Q3AA	17.483	-0.167	-0.167
P5Q3CG -0.151	ON P5Q3U	13.976	-0.150	-0.150
P5Q3CG -0.198	ON P5Q3V	19.327	-0.197	-0.197
P5Q3CG 0.174	ON P5Q3CF	29.984	0.174	0.174
P5Q3CG 0.215	ON P5Q3CH	29.137	0.217	0.217
P5Q3CG 0.161	ON P5Q3CI	12.037	0.163	0.163
P5Q3CH -0.090	ON K6B1A_R	11.517	-0.092	-0.092
P5Q3CH -0.090	ON K6B1B_R	14.297	-0.092	-0.092
P5Q3CH -0.100	ON K6B1C_R	17.664	-0.102	-0.102
P5Q3CH -0.124	ON K6B1D_R	18.850	-0.127	-0.127
P5Q3CH -0.206	ON K5E1A	23.620	-0.212	-0.212
P5Q3CH -0.163	ON K5E1B	13.384	-0.167	-0.167

P5Q3CH -0.231	ON K5E1C	30.104	-0.237	-0.237
P5Q3CH -0.243	ON K5E1D	29.706	-0.249	-0.249
P5Q3CH 0.133	ON K6D2AG_R	42.064	0.136	0.136
P5Q3CH 0.154	ON K6D2AI_R	34.223	0.157	0.157
P5Q3CH 0.158	ON K6D2D_R	45.006	0.162	0.162
P5Q3CH 0.149	ON K6D2J_R	34.090	0.153	0.153
P5Q3CH 0.147	ON K6D2T_R	41.516	0.151	0.151
P5Q3CH 0.129	ON K6D2AC_R	47.160	0.132	0.132
P5Q3CH 0.172	ON K6D2AK_R	43.171	0.176	0.176
P5Q3CH 0.149	ON K6D2C_R	35.935	0.152	0.152
P5Q3CH 0.136	ON K6D2N_R	50.217	0.139	0.139
P5Q3CH 0.151	ON K6D2X_R	47.316	0.154	0.154
P5Q3CH -0.130	ON K6D2B_R	38.345	-0.133	-0.133
P5Q3CH -0.142	ON K6D2F_R	39.004	-0.145	-0.145
P5Q3CH -0.175	ON K6D2G_R	26.644	-0.179	-0.179
P5Q3CH -0.171	ON K6D2I_R	37.709	-0.176	-0.176
P5Q3CH -0.148	ON K6D2K_R	34.199	-0.152	-0.152
P5Q3CH -0.148	ON K6D2L_R	40.020	-0.151	-0.151
P5Q3CH -0.145	ON K6D2M_R	33.133	-0.148	-0.148
P5Q3CH -0.159	ON K6D2O_R	36.913	-0.163	-0.163
P5Q3CH -0.114	ON K6D2S_R	38.521	-0.116	-0.116
P5Q3CH -0.161	ON K6D2V_R	41.420	-0.165	-0.165
P5Q3CH -0.131	ON K6D2W_R	31.994	-0.134	-0.134
P5Q3CH -0.138	ON K6D2Y_R	32.953	-0.141	-0.141
P5Q3CH -0.133	ON K6D2AA_R	36.961	-0.136	-0.136

P5Q3CH -0.154	ON K6D2AE_R	27.456	-0.158	-0.158
P5Q3CH -0.152	ON K6D2AF_R	35.394	-0.155	-0.155
P5Q3CH -0.170	ON K6D2AH_R	32.807	-0.174	-0.174
P5Q3CH 0.835	ON P5Q3M	1084.140	0.847	0.847
P5Q3CH 0.830	ON P5Q3AB	910.901	0.845	0.845
P5Q3CH 0.786	ON P5Q3AD	1108.222	0.794	0.794
P5Q3CH 0.728	ON P5Q3AF	1169.366	0.732	0.732
P5Q3CH 0.685	ON P5Q3AH	1241.267	0.685	0.685
P5Q3CH 0.822	ON P5Q3AR	1130.215	0.831	0.831
P5Q3CH 0.687	ON P5Q3AV	1191.458	0.689	0.689
P5Q3CH 0.689	ON P5Q3AX	1232.167	0.690	0.690
P5Q3CH 0.749	ON P5Q3BQ	1051.791	0.758	0.758
P5Q3CH 0.746	ON P5Q3CK	1272.768	0.747	0.747
P5Q3CH 0.761	ON P5Q3DB	1053.589	0.770	0.770
P5Q3CH 0.964	ON P5Q3E	973.728	0.981	0.981
P5Q3CH 0.798	ON P5Q3A0	1074.722	0.807	0.807
P5Q3CH 0.791	ON P5Q3BK	1147.836	0.799	0.799
P5Q3CH 0.807	ON P5Q3B0	1068.654	0.818	0.818
P5Q3CH 0.788	ON P5Q3CU	1174.215	0.795	0.795
P5Q3CH 0.731	ON P5Q3DA	1183.007	0.734	0.734
P5Q3CH 0.811	ON P5Q3AS	1051.601	0.822	0.822
P5Q3CH 0.898	ON P5Q3AU	1107.695	0.910	0.910
P5Q3CH 0.715	ON P5Q3AZ	1208.648	0.717	0.717
P5Q3CH 0.743	ON P5Q3BB1	1170.293	0.747	0.747
P5Q3CH 0.809	ON P5Q3BB2	1054.988	0.819	0.819

P5Q3CH 0.947	ON P5Q3BB5	949.760	0.964	0.964
P5Q3CH 0.706	ON P5Q3BB6	1128.261	0.709	0.709
P5Q3CH 0.817	ON P5Q3BB7	1174.104	0.824	0.824
P5Q3CH -0.192	ON P5Q3V	12.622	-0.189	-0.189
P5Q3CH 0.148	ON P5Q3CF	12.645	0.147	0.147
P5Q3CH 0.218	ON P5Q3CG	29.138	0.217	0.217
P5Q3CH 0.221	ON P5Q3CI	18.379	0.222	0.222
P5Q3CI -0.159	ON K5E1A	11.730	-0.163	-0.163
P5Q3CI -0.222	ON K5E1D	21.412	-0.227	-0.227
P5Q3CI 0.103	ON K6D2AG_R	20.249	0.105	0.105
P5Q3CI 0.128	ON K6D2AI_R	20.301	0.131	0.131
P5Q3CI 0.129	ON K6D2D_R	23.793	0.132	0.132
P5Q3CI 0.120	ON K6D2J_R	17.820	0.122	0.122
P5Q3CI 0.122	ON K6D2T_R	22.616	0.125	0.125
P5Q3CI 0.101	ON K6D2AC_R	23.847	0.103	0.103
P5Q3CI 0.135	ON K6D2AK_R	21.146	0.138	0.138
P5Q3CI 0.124	ON K6D2C_R	20.170	0.127	0.127
P5Q3CI 0.104	ON K6D2N_R	23.782	0.106	0.106
P5Q3CI 0.127	ON K6D2X_R	28.483	0.130	0.130
P5Q3CI -0.091	ON K6D2L_R	12.112	-0.092	-0.092
P5Q3CI 0.817	ON P5Q3M	789.140	0.825	0.825
P5Q3CI 0.823	ON P5Q3AB	723.832	0.834	0.834
P5Q3CI 0.746	ON P5Q3AD	862.770	0.750	0.750
P5Q3CI 0.707	ON P5Q3AF	869.903	0.708	0.708
P5Q3CI 0.673	ON P5Q3AH	925.512	0.671	0.671

P5Q3CI 0.779	ON P5Q3AR	863.481	0.785	0.785
P5Q3CI 0.660	ON P5Q3AV	897.148	0.660	0.660
P5Q3CI 0.664	ON P5Q3AX	934.053	0.661	0.661
P5Q3CI 0.729	ON P5Q3BQ	807.561	0.734	0.734
P5Q3CI 0.714	ON P5Q3CK	959.402	0.712	0.712
P5Q3CI 0.734	ON P5Q3DB	777.223	0.739	0.739
P5Q3CI 0.918	ON P5Q3E	753.847	0.931	0.931
P5Q3CI 0.761	ON P5Q3A0	836.164	0.767	0.767
P5Q3CI 0.754	ON P5Q3BK	872.804	0.759	0.759
P5Q3CI 0.762	ON P5Q3B0	829.539	0.768	0.768
P5Q3CI 0.743	ON P5Q3CU	898.401	0.746	0.746
P5Q3CI 0.693	ON P5Q3DA	899.201	0.694	0.694
P5Q3CI 0.767	ON P5Q3AS	778.720	0.774	0.774
P5Q3CI 0.858	ON P5Q3AU	848.452	0.866	0.866
P5Q3CI 0.683	ON P5Q3AZ	915.384	0.682	0.682
P5Q3CI 0.716	ON P5Q3BB1	880.331	0.717	0.717
P5Q3CI 0.774	ON P5Q3BB2	787.806	0.781	0.781
P5Q3CI 0.903	ON P5Q3BB5	728.791	0.915	0.915
P5Q3CI 0.680	ON P5Q3BB6	855.108	0.681	0.681
P5Q3CI 0.775	ON P5Q3BB7	900.438	0.778	0.778
P5Q3CI -0.190	ON P5Q3AA	11.964	-0.186	-0.186
P5Q3CI -0.197	ON P5Q3V	11.117	-0.194	-0.194
P5Q3CI 0.165	ON P5Q3CG	12.036	0.163	0.163
P5Q3CI 0.223	ON P5Q3CH	18.378	0.222	0.222
P5Q3CN -0.126	ON K5E1C	10.129	-0.130	-0.130

P5Q3CN 0.079	ON K6D2AK_R	10.651	0.081	0.081
P5Q3CN 0.081	ON K6D2C_R	12.600	0.084	0.084
P5Q3CN 0.586	ON P5Q3M	484.547	0.597	0.597
P5Q3CN 0.543	ON P5Q3AB	376.157	0.554	0.554
P5Q3CN 0.532	ON P5Q3AD	493.149	0.540	0.540
P5Q3CN 0.505	ON P5Q3AF	512.173	0.510	0.510
P5Q3CN 0.487	ON P5Q3AH	550.405	0.489	0.489
P5Q3CN 0.572	ON P5Q3AR	517.230	0.580	0.580
P5Q3CN 0.484	ON P5Q3AV	514.730	0.488	0.488
P5Q3CN 0.481	ON P5Q3AX	548.270	0.483	0.483
P5Q3CN 0.512	ON P5Q3BQ	462.900	0.520	0.520
P5Q3CN 0.518	ON P5Q3CK	571.082	0.521	0.521
P5Q3CN 0.521	ON P5Q3DB	468.824	0.529	0.529
P5Q3CN 0.653	ON P5Q3E	433.211	0.667	0.667
P5Q3CN 0.549	ON P5Q3A0	489.299	0.557	0.557
P5Q3CN 0.551	ON P5Q3BK	506.321	0.558	0.558
P5Q3CN 0.547	ON P5Q3B0	482.266	0.556	0.556
P5Q3CN 0.546	ON P5Q3CU	512.853	0.552	0.552
P5Q3CN 0.505	ON P5Q3DA	542.129	0.510	0.510
P5Q3CN 0.541	ON P5Q3AS	458.223	0.550	0.550
P5Q3CN 0.613	ON P5Q3AU	491.550	0.623	0.623
P5Q3CN 0.501	ON P5Q3AZ	535.953	0.504	0.504
P5Q3CN 0.515	ON P5Q3BB1	515.980	0.520	0.520
P5Q3CN 0.544	ON P5Q3BB2	460.217	0.553	0.553
P5Q3CN 0.630	ON P5Q3BB5	420.044	0.643	0.643

P5Q3CN 0.485	ON P5Q3BB6	500.676	0.489	0.489
P5Q3CN 0.567	ON P5Q3BB7	531.480	0.573	0.573
P5Q3C0 -0.121	ON K5E1C	12.354	-0.126	-0.126
P5Q3C0 -0.145	ON K5E1D	15.283	-0.151	-0.151
P5Q3C0 0.057	ON K6D2AG_R	11.429	0.060	0.060
P5Q3C0 0.071	ON K6D2D_R	12.812	0.073	0.073
P5Q3C0 0.070	ON K6D2J_R	11.204	0.072	0.072
P5Q3C0 0.060	ON K6D2AC_R	14.868	0.062	0.062
P5Q3C0 0.087	ON K6D2AK_R	16.149	0.090	0.090
P5Q3C0 0.072	ON K6D2C_R	12.063	0.074	0.074
P5Q3C0 0.057	ON K6D2N_R	13.024	0.060	0.060
P5Q3C0 0.067	ON K6D2X_R	13.455	0.069	0.069
P5Q3C0 -0.068	ON K6D2V_R	10.586	-0.070	-0.070
P5Q3C0 0.619	ON P5Q3M	744.577	0.637	0.637
P5Q3C0 0.595	ON P5Q3AB	577.964	0.614	0.614
P5Q3C0 0.567	ON P5Q3AD	698.492	0.581	0.581
P5Q3C0 0.546	ON P5Q3AF	808.778	0.558	0.558
P5Q3C0 0.527	ON P5Q3AH	840.620	0.535	0.535
P5Q3C0 0.606	ON P5Q3AR	751.406	0.622	0.622
P5Q3C0 0.517	ON P5Q3AV	783.385	0.526	0.526
P5Q3C0 0.526	ON P5Q3AX	805.811	0.534	0.534
P5Q3C0 0.541	ON P5Q3BQ	703.884	0.555	0.555
P5Q3C0 0.557	ON P5Q3CK	863.883	0.565	0.565
P5Q3C0 0.548	ON P5Q3DB	673.601	0.563	0.563
P5Q3C0 0.684	ON P5Q3E	608.348	0.706	0.706

P5Q3C0 0.584	ON P5Q3A0	701.195	0.599	0.599
P5Q3C0 0.599	ON P5Q3BK	756.103	0.614	0.614
P5Q3C0 0.584	ON P5Q3B0	701.299	0.600	0.600
P5Q3C0 0.587	ON P5Q3CU	761.714	0.601	0.601
P5Q3C0 0.540	ON P5Q3DA	781.464	0.551	0.551
P5Q3C0 0.582	ON P5Q3AS	675.353	0.598	0.598
P5Q3C0 0.665	ON P5Q3AU	731.442	0.684	0.684
P5Q3C0 0.541	ON P5Q3AZ	789.629	0.551	0.551
P5Q3C0 0.551	ON P5Q3BB1	763.497	0.562	0.562
P5Q3C0 0.583	ON P5Q3BB2	667.206	0.599	0.599
P5Q3C0 0.686	ON P5Q3BB5	612.863	0.709	0.709
P5Q3C0 0.522	ON P5Q3BB6	749.510	0.533	0.533
P5Q3C0 0.612	ON P5Q3BB7	776.242	0.625	0.625
P5Q3C0 0.134	ON P5Q3BN	15.171	0.135	0.135
P5Q3C0 0.130	ON P5Q3CF	17.698	0.131	0.131
P5Q3CQ 0.107	ON K6D2D_R	11.824	0.112	0.112
P5Q3CQ 0.100	ON K6D2T_R	11.085	0.105	0.105
P5Q3CQ 0.088	ON K6D2AC_R	12.578	0.092	0.092
P5Q3CQ 0.128	ON K6D2AK_R	13.842	0.134	0.134
P5Q3CQ 0.107	ON K6D2C_R	10.451	0.113	0.113
P5Q3CQ 0.088	ON K6D2N_R	11.637	0.092	0.092
P5Q3CQ 0.106	ON K6D2X_R	13.631	0.111	0.111
P5Q3CQ 0.791	ON P5Q3M	568.333	0.821	0.821
P5Q3CQ 0.777	ON P5Q3AB	491.898	0.809	0.809
P5Q3CQ 0.712	ON P5Q3AD	602.397	0.736	0.736

P5Q3CQ 0.667	ON P5Q3AF	629.371	0.687	0.687
P5Q3CQ 0.627	ON P5Q3AH	662.936	0.642	0.642
P5Q3CQ 0.745	ON P5Q3AR	602.197	0.770	0.770
P5Q3CQ 0.642	ON P5Q3AV	614.876	0.660	0.660
P5Q3CQ 0.627	ON P5Q3AX	650.680	0.642	0.642
P5Q3CQ 0.683	ON P5Q3BQ	531.031	0.707	0.707
P5Q3CQ 0.661	ON P5Q3CK	689.281	0.677	0.677
P5Q3CQ 0.715	ON P5Q3DB	557.294	0.740	0.740
P5Q3CQ 0.925	ON P5Q3E	544.945	0.963	0.963
P5Q3CQ 0.739	ON P5Q3A0	574.358	0.765	0.765
P5Q3CQ 0.730	ON P5Q3BK	613.845	0.755	0.755
P5Q3CQ 0.720	ON P5Q3B0	571.988	0.746	0.746
P5Q3CQ 0.723	ON P5Q3CU	623.419	0.746	0.746
P5Q3CQ 0.657	ON P5Q3DA	622.918	0.676	0.676
P5Q3CQ 0.716	ON P5Q3AS	539.816	0.742	0.742
P5Q3CQ 0.832	ON P5Q3AU	592.648	0.863	0.863
P5Q3CQ 0.649	ON P5Q3AZ	638.100	0.665	0.665
P5Q3CQ 0.662	ON P5Q3BB1	594.023	0.681	0.681
P5Q3CQ 0.726	ON P5Q3BB2	540.465	0.752	0.752
P5Q3CQ 0.872	ON P5Q3BB5	505.104	0.909	0.909
P5Q3CQ 0.654	ON P5Q3BB6	606.194	0.672	0.672
P5Q3CQ 0.729	ON P5Q3BB7	619.913	0.752	0.752
P5Q3CW 0.601	ON P5Q3M	560.747	0.610	0.610
P5Q3CW 0.579	ON P5Q3AB	465.932	0.590	0.590
P5Q3CW 0.558	ON P5Q3AD	578.917	0.565	0.565

P5Q3CW 0.532	ON P5Q3AF	613.079	0.536	0.536
P5Q3CW 0.509	ON P5Q3AH	656.556	0.509	0.509
P5Q3CW 0.588	ON P5Q3AR	616.467	0.595	0.595
P5Q3CW 0.506	ON P5Q3AV	624.648	0.509	0.509
P5Q3CW 0.514	ON P5Q3AX	655.575	0.515	0.515
P5Q3CW 0.528	ON P5Q3BQ	541.226	0.535	0.535
P5Q3CW 0.554	ON P5Q3CK	685.615	0.555	0.555
P5Q3CW 0.538	ON P5Q3DB	539.709	0.545	0.545
P5Q3CW 0.673	ON P5Q3E	500.248	0.686	0.686
P5Q3CW 0.570	ON P5Q3A0	566.591	0.577	0.577
P5Q3CW 0.575	ON P5Q3BK	587.955	0.582	0.582
P5Q3CW 0.565	ON P5Q3B0	548.892	0.572	0.572
P5Q3CW 0.570	ON P5Q3CU	628.964	0.576	0.576
P5Q3CW 0.524	ON P5Q3DA	614.097	0.527	0.527
P5Q3CW 0.567	ON P5Q3AS	547.489	0.575	0.575
P5Q3CW 0.655	ON P5Q3AU	593.246	0.664	0.664
P5Q3CW 0.526	ON P5Q3AZ	661.841	0.528	0.528
P5Q3CW 0.540	ON P5Q3BB1	611.219	0.544	0.544
P5Q3CW 0.568	ON P5Q3BB2	538.579	0.575	0.575
P5Q3CW 0.680	ON P5Q3BB5	511.222	0.692	0.692
P5Q3CW 0.509	ON P5Q3BB6	601.306	0.512	0.512
P5Q3CW 0.589	ON P5Q3BB7	620.664	0.595	0.595
P5Q3CW 0.142	ON P5Q3BN	12.064	0.141	0.141

WITH Statements

INTERNAL WITH SC15	10.850	1.324	1.324
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1.324				
EXTERN	WITH SC9	10.194	-0.225	-0.225
-0.225				
EXTERN	WITH INTERNAL	96.587	1.703	1.703
1.703				
PAF	WITH INTERNAL	111.328	-3.376	-3.376
-3.376				
PAF	WITH EXTERN	51.203	0.196	0.196
0.196				
INCBCL	WITH EXTERN	10.193	-0.038	-0.038
-0.038				
EXCBCL	WITH INCBCL	18845.959	0.717	0.717
0.717				
K6B1A_R	WITH EXTERN	10.064	0.072	0.072
0.095				
K5E1A	WITH SC9	24.132	-0.420	-0.420
-0.430				
K5E1A	WITH INTERNAL	77.552	1.301	1.301
1.330				
K5E1A	WITH EXCBCL	24.165	-0.070	-0.070
-0.071				
K5E1B	WITH SC9	13.178	-0.298	-0.298
-0.302				
K5E1B	WITH INTERNAL	80.951	1.266	1.266
1.282				
K5E1B	WITH EXCBCL	11.463	-0.046	-0.046
-0.047				
K5E1B	WITH K5E1A	268.812	0.464	0.464
0.480				
K5E1C	WITH SC9	52.811	-0.617	-0.617
-0.631				
K5E1C	WITH INTERNAL	142.924	1.755	1.755
1.797				
K5E1C	WITH EXCBCL	62.479	-0.111	-0.111
-0.113				
K5E1C	WITH K5E1A	264.397	0.470	0.470
0.492				
K5E1C	WITH K5E1B	208.522	0.429	0.429
0.445				
K5E1D	WITH SC9	69.025	-0.774	-0.774
-0.793				
K5E1D	WITH INTERNAL	66.263	1.306	1.306
1.340				
K5E1D	WITH INCBCL	20.088	-0.090	-0.090
-0.092				
K5E1D	WITH EXCBCL	50.116	-0.110	-0.110
-0.113				
K5E1D	WITH K5E1A	168.627	0.430	0.430
0.451				
K5E1D	WITH K5E1B	115.889	0.374	0.374

0.388				
K5E1D	WITH K5E1C	311.630	0.528	0.528
0.554				
K6D2AG_R	WITH INTERNAL	20.424	0.573	0.573
0.884				
K6D2AG_R	WITH EXCBCL	16.437	-0.061	-0.061
-0.095				
K6D2AI_R	WITH INTERNAL	24.125	0.630	0.630
0.767				
K6D2AI_R	WITH PAF	12.805	0.076	0.076
0.092				
K6D2AI_R	WITH K6D2AG_R	17.606	0.113	0.113
0.212				
K6D2D_R	WITH INTERNAL	24.756	0.653	0.653
0.850				
K6D2D_R	WITH PAF	30.187	0.120	0.120
0.156				
K6D2J_R	WITH INTERNAL	10.149	0.390	0.390
0.479				
K6D2J_R	WITH EXTERN	12.113	0.066	0.066
0.081				
K6D2J_R	WITH PAF	19.545	0.090	0.090
0.110				
K6D2T_R	WITH INTERNAL	29.888	0.729	0.729
0.989				
K6D2T_R	WITH PAF	22.348	0.105	0.105
0.142				
K6D2T_R	WITH K5E1C	10.782	0.140	0.140
0.194				
K6D2T_R	WITH K6D2AG_R	44.949	0.171	0.171
0.359				
K6D2T_R	WITH K6D2AI_R	12.131	0.104	0.104
0.172				
K6D2T_R	WITH K6D2D_R	31.333	0.158	0.158
0.279				
K6D2AC_R	WITH INTERNAL	37.297	-0.805	-0.805
-1.620				
K6D2AC_R	WITH PAF	76.567	-0.184	-0.184
-0.370				
K6D2AK_R	WITH SC9	35.771	0.545	0.545
0.654				
K6D2AK_R	WITH INTERNAL	20.964	-0.592	-0.592
-0.710				
K6D2AK_R	WITH EXTERN	200.963	0.271	0.271
0.326				
K6D2AK_R	WITH PAF	47.237	0.147	0.147
0.177				
K6D2AK_R	WITH EXCBCL	62.112	0.113	0.113
0.135				
K6D2AK_R	WITH K6D2AC_R	11.248	-0.118	-0.118

-0.286				
K6D2C_R	WITH EXTERN	26.557	0.100	0.100
0.125				
K6D2C_R	WITH PAF	12.773	0.074	0.074
0.091				
K6D2C_R	WITH K5E1C	10.040	0.124	0.124
0.157				
K6D2C_R	WITH K6D2D_R	21.159	0.129	0.129
0.208				
K6D2C_R	WITH K6D2J_R	13.471	0.097	0.097
0.149				
K6D2N_R	WITH INTERNAL	11.103	-0.421	-0.421
-0.761				
K6D2N_R	WITH EXTERN	22.971	-0.102	-0.102
-0.185				
K6D2N_R	WITH PAF	66.735	-0.165	-0.165
-0.297				
K6D2N_R	WITH K5E1C	10.905	0.142	0.142
0.262				
K6D2X_R	WITH INTERNAL	56.348	-1.084	-1.084
-1.660				
K6D2X_R	WITH PAF	104.912	-0.232	-0.232
-0.356				
K6D2A_R	WITH SC9	10.142	-0.059	-0.059
-0.068				
K6D2A_R	WITH INTERNAL	36.849	0.537	0.537
0.618				
K6D2A_R	WITH K6D2D_R	15.254	0.126	0.126
0.189				
K6D2A_R	WITH K6D2AK_R	19.589	0.138	0.138
0.191				
K6D2A_R	WITH K6D2C_R	31.096	0.159	0.159
0.228				
K6D2P_R	WITH SC9	29.935	-0.102	-0.102
-0.144				
K6D2P_R	WITH INTERNAL	33.546	0.511	0.511
0.717				
K6D2P_R	WITH EXTERN	14.726	-0.133	-0.133
-0.187				
K6D2P_R	WITH K6D2AK_R	36.404	0.175	0.175
0.295				
K6D2P_R	WITH K6D2A_R	11.683	0.091	0.091
0.146				
K6D2R_R	WITH SC9	109.452	-0.190	-0.190
-0.226				
K6D2R_R	WITH INTERNAL	164.395	1.098	1.098
1.303				
K6D2R_R	WITH EXTERN	54.788	-0.250	-0.250
-0.296				
K6D2R_R	WITH EXCBCL	19.615	-0.065	-0.065

-0.078				
K6D2R_R WITH K6D2AG_R	13.181	0.113	0.113	
0.208				
K6D2R_R WITH K6D2AI_R	16.881	0.130	0.130	
0.188				
K6D2R_R WITH K6D2D_R	20.148	0.144	0.144	
0.223				
K6D2R_R WITH K6D2J_R	17.967	0.119	0.119	
0.173				
K6D2R_R WITH K6D2T_R	28.644	0.173	0.173	
0.279				
K6D2R_R WITH K6D2AK_R	38.005	0.181	0.181	
0.258				
K6D2R_R WITH K6D2C_R	43.255	0.184	0.184	
0.271				
K6D2R_R WITH K6D2A_R	12.678	0.096	0.096	
0.131				
K6D2R_R WITH K6D2P_R	12.777	0.091	0.091	
0.152				
K6D2Z_R WITH SC15	10.056	0.101	0.101	
0.123				
K6D2Z_R WITH INTERNAL	35.377	0.524	0.524	
0.638				
K6D2Z_R WITH PAF	62.819	0.151	0.151	
0.184				
K6D2Z_R WITH K6D2J_R	10.191	0.091	0.091	
0.136				
K6D2Z_R WITH K6D2AK_R	30.441	0.164	0.164	
0.240				
K6D2Z_R WITH K6D2C_R	23.624	0.142	0.142	
0.215				
K6D2Z_R WITH K6D2A_R	23.793	0.126	0.126	
0.177				
K6D2Z_R WITH K6D2P_R	27.706	0.129	0.129	
0.221				
K6D2Z_R WITH K6D2R_R	39.760	0.155	0.155	
0.224				
K6D2AB_R WITH INTERNAL	37.714	0.538	0.538	
0.659				
K6D2AB_R WITH PAF	21.995	0.088	0.088	
0.108				
K6D2AB_R WITH K6D2AK_R	35.436	0.176	0.176	
0.258				
K6D2AB_R WITH K6D2P_R	19.266	0.111	0.111	
0.191				
K6D2AB_R WITH K6D2Z_R	17.945	0.110	0.110	
0.165				
K6D2AJ_R WITH SC9	42.862	-0.126	-0.126	
-0.186				
K6D2AJ_R WITH INTERNAL	41.718	0.583	0.583	

0.862			
K6D2AJ_R WITH EXTERN	56.221	-0.268	-0.268
-0.396			
K6D2AJ_R WITH K6D2AK_R	124.614	0.294	0.294
0.521			
K6D2AJ_R WITH K6D2P_R	15.198	0.097	0.097
0.202			
K6D2AJ_R WITH K6D2AB_R	18.938	0.115	0.115
0.208			
K6D61C WITH SC9	49.496	0.217	0.217
0.427			
K6D61C WITH INTERNAL	73.121	-1.306	-1.306
-2.567			
K6D61C WITH EXTERN	59.395	0.428	0.428
0.841			
K6D61C WITH INCBCL	16.711	-0.119	-0.119
-0.233			
K6D61C WITH K6D2J_R	12.665	-0.200	-0.200
-0.482			
K6D61C WITH K6D2T_R	11.311	-0.207	-0.207
-0.551			
K6D61C WITH K6D2N_R	10.143	-0.186	-0.186
-0.661			
K6D61C WITH K6D2A_R	18.227	-0.249	-0.249
-0.563			
K6D61C WITH K6D2P_R	55.239	-0.418	-0.418
-1.154			
K6D61C WITH K6D2R_R	37.167	-0.364	-0.364
-0.849			
K6D61C WITH K6D2Z_R	32.497	-0.354	-0.354
-0.847			
K6D61C WITH K6D2AB_R	37.779	-0.346	-0.346
-0.834			
K6D61C WITH K6D2AJ_R	52.832	-0.396	-0.396
-1.150			
K6D61D WITH SC9	68.073	0.188	0.188
0.243			
K6D61D WITH INTERNAL	38.107	-0.684	-0.684
-0.884			
K6D61D WITH EXTERN	40.305	0.264	0.264
0.341			
K6D61D WITH PAF	22.094	0.107	0.107
0.139			
K6D61D WITH INCBCL	24.880	-0.102	-0.102
-0.132			
K6D61D WITH K6D2AG_R	10.577	-0.136	-0.136
-0.271			
K6D61D WITH K6D2N_R	10.050	-0.134	-0.134
-0.312			
K6D61D WITH K6D2P_R	22.013	-0.179	-0.179

-0.325				
K6D61D	WITH K6D2R_R	28.332	-0.214	-0.214
-0.328				
K6D61D	WITH K6D2Z_R	10.944	-0.134	-0.134
-0.210				
K6D61D	WITH K6D2AJ_R	10.128	-0.121	-0.121
-0.231				
K6D61E	WITH SC9	63.791	0.230	0.230
0.297				
K6D61E	WITH INTERNAL	41.666	-0.905	-0.905
-1.167				
K6D61E	WITH EXTERN	16.476	0.212	0.212
0.273				
K6D61E	WITH PAF	11.170	0.098	0.098
0.126				
K6D61E	WITH EXCBCL	26.992	0.112	0.112
0.144				
K6D61E	WITH K6D2AG_R	11.176	-0.180	-0.180
-0.358				
K6D61E	WITH K6D2N_R	10.562	-0.181	-0.181
-0.420				
K6D61E	WITH K6D2P_R	12.365	-0.175	-0.175
-0.316				
K6D61E	WITH K6D2R_R	40.971	-0.331	-0.331
-0.507				
K6D61E	WITH K6D2AJ_R	10.455	-0.153	-0.153
-0.291				
K6D61E	WITH K6D61D	276.018	0.511	0.511
0.850				
K6D61K	WITH SC9	56.985	0.228	0.228
0.432				
K6D61K	WITH INTERNAL	98.606	-1.494	-1.494
-2.830				
K6D61K	WITH EXTERN	75.965	0.473	0.473
0.895				
K6D61K	WITH INCBCL	22.315	-0.130	-0.130
-0.246				
K6D61K	WITH K6D2AG_R	11.132	-0.195	-0.195
-0.569				
K6D61K	WITH K6D2J_R	10.999	-0.181	-0.181
-0.422				
K6D61K	WITH K6D2T_R	16.592	-0.241	-0.241
-0.619				
K6D61K	WITH K6D2N_R	13.282	-0.211	-0.211
-0.722				
K6D61K	WITH K6D2A_R	20.435	-0.252	-0.252
-0.549				
K6D61K	WITH K6D2P_R	55.251	-0.396	-0.396
-1.054				
K6D61K	WITH K6D2R_R	41.973	-0.383	-0.383

-0.861				
K6D61K	WITH K6D2Z_R	35.887	-0.377	-0.377
-0.871				
K6D61K	WITH K6D2AB_R	36.564	-0.334	-0.334
-0.775				
K6D61K	WITH K6D2AJ_R	52.683	-0.394	-0.394
-1.103				
K6D61K	WITH K6D61C	511.657	0.693	0.693
2.579				
K6D61L	WITH SC9	61.133	0.210	0.210
0.251				
K6D61L	WITH INTERNAL	33.430	-0.754	-0.754
-0.905				
K6D61L	WITH EXTERN	43.662	0.322	0.322
0.387				
K6D61L	WITH PAF	22.942	0.129	0.129
0.155				
K6D61L	WITH INCBCL	24.937	-0.125	-0.125
-0.149				
K6D61L	WITH K6D2T_R	15.832	-0.206	-0.206
-0.335				
K6D61L	WITH K6D2R_R	16.935	-0.198	-0.198
-0.282				
K6D61L	WITH K6D2Z_R	10.006	-0.151	-0.151
-0.221				
K6D61L	WITH K6D61D	173.960	0.432	0.432
0.670				
K6D61L	WITH K6D61E	42.056	0.300	0.300
0.464				
K6D61M	WITH SC9	23.627	-0.109	-0.109
-0.123				
K6D61M	WITH PAF	43.858	-0.146	-0.146
-0.165				
K6D40_R	WITH EXTERN	11.040	-0.209	-0.209
-0.270				
K6D40_R	WITH PAF	13.862	-0.128	-0.128
-0.165				
K6D40_R	WITH EXCBCL	39.677	0.163	0.163
0.211				
K6D40_R	WITH K6D2A_R	16.211	-0.255	-0.255
-0.380				
K6D40_R	WITH K6D2P_R	15.663	-0.245	-0.245
-0.444				
K6D40_R	WITH K6D2R_R	18.590	-0.269	-0.269
-0.413				
K6D40_R	WITH K6D2Z_R	16.813	-0.286	-0.286
-0.451				
K6D40_R	WITH K6D2AB_R	11.979	-0.213	-0.213
-0.337				
K6D40_R	WITH K6D2AJ_R	15.499	-0.234	-0.234

-0.448				
K6D48_R	WITH EXCBCL	13.780	-0.077	-0.077
-0.093				
K6D48_R	WITH K6D2A_R	13.432	-0.173	-0.173
-0.239				
K6D48_R	WITH K6D2P_R	14.033	-0.171	-0.171
-0.288				
K6D48_R	WITH K6D2R_R	21.693	-0.223	-0.223
-0.317				
K6D48_R	WITH K6D2Z_R	22.340	-0.229	-0.229
-0.335				
K6D48_R	WITH K6D2AJ_R	17.903	-0.197	-0.197
-0.349				
K6D48_R	WITH K6D40_R	33.118	0.319	0.319
0.496				
K6F63_R	WITH SC15	10.753	-0.133	-0.133
-0.165				
K6F63_R	WITH INTERNAL	18.940	-0.524	-0.524
-0.647				
K6F63_R	WITH K6D2A_R	17.263	-0.184	-0.184
-0.262				
K6F63_R	WITH K6D2P_R	24.581	-0.211	-0.211
-0.366				
K6F63_R	WITH K6D2R_R	27.990	-0.235	-0.235
-0.345				
K6F63_R	WITH K6D2Z_R	19.870	-0.202	-0.202
-0.304				
K6F63_R	WITH K6D2AB_R	12.771	-0.151	-0.151
-0.229				
K6F63_R	WITH K6D2AJ_R	21.309	-0.203	-0.203
-0.372				
K6F63_R	WITH K6D40_R	55.611	0.370	0.370
0.592				
K6F63_R	WITH K6D48_R	153.878	0.450	0.450
0.667				
K6F68_R	WITH K6D48_R	13.685	0.313	0.313
0.494				
K6F74_R	WITH K6D2P_R	10.673	-0.293	-0.293
-0.529				
K6F74_R	WITH K6D40_R	10.823	0.277	0.277
0.460				
K6F74_R	WITH K6D48_R	19.444	0.336	0.336
0.519				
K6F74_R	WITH K6F68_R	33.196	0.450	0.450
0.760				
K6D2B_R	WITH SC9	77.275	0.247	0.247
0.381				
K6D2B_R	WITH INTERNAL	86.871	-0.884	-0.884
-1.359				
K6D2B_R	WITH PAF	73.528	-0.311	-0.311

-0.478				
K6D2B_R	WITH K6D2AC_R	24.873	-0.159	-0.159
-0.493				
K6D2B_R	WITH K6D2N_R	22.453	-0.147	-0.147
-0.409				
K6D2B_R	WITH K6D2X_R	69.870	-0.258	-0.258
-0.607				
K6D2G_R	WITH SC15	28.890	0.209	0.209
0.232				
K6D2G_R	WITH SC9	13.209	-0.129	-0.129
-0.143				
K6D2G_R	WITH INTERNAL	13.654	0.454	0.454
0.503				
K6D2G_R	WITH PAF	12.746	0.162	0.162
0.180				
K6D2G_R	WITH K6B1A_R	30.116	0.215	0.215
0.316				
K6D2I_R	WITH SC9	13.459	-0.101	-0.101
-0.117				
K6D2I_R	WITH INTERNAL	53.143	0.696	0.696
0.806				
K6D2I_R	WITH EXTERN	53.771	-0.140	-0.140
-0.162				
K6D2I_R	WITH K6D2J_R	12.844	0.117	0.117
0.166				
K6D2I_R	WITH K6D2C_R	14.314	0.128	0.128
0.184				
K6D2I_R	WITH K6D2AJ_R	27.371	-0.164	-0.164
-0.281				
K6D2I_R	WITH K6D61M	20.239	-0.174	-0.174
-0.228				
K6D2K_R	WITH SC15	12.680	-0.118	-0.118
-0.145				
K6D2K_R	WITH SC9	27.985	-0.145	-0.145
-0.178				
K6D2K_R	WITH INTERNAL	24.642	0.471	0.471
0.576				
K6D2K_R	WITH PAF	23.145	0.170	0.170
0.207				
K6D2K_R	WITH K6D2J_R	10.840	0.111	0.111
0.166				
K6D2K_R	WITH K6D2C_R	13.029	0.124	0.124
0.189				
K6D2K_R	WITH K6D61D	14.410	0.154	0.154
0.244				
K6D2K_R	WITH K6D61L	13.689	0.179	0.179
0.263				
K6D2K_R	WITH K6D2B_R	11.597	-0.129	-0.129
-0.242				
K6D2K_R	WITH K6D2I_R	42.965	0.182	0.182

0.258				
K6D2L_R	WITH K6D2X_R	11.438	-0.155	-0.155
-0.338				
K6D2M_R	WITH SC9	27.096	-0.145	-0.145
-0.180				
K6D2M_R	WITH INTERNAL	41.123	0.619	0.619
0.768				
K6D2M_R	WITH PAF	25.912	0.182	0.182
0.226				
K6D2M_R	WITH K6D2C_R	11.873	0.121	0.121
0.186				
K6D2M_R	WITH K6D61D	11.488	0.140	0.140
0.225				
K6D2M_R	WITH K6D2B_R	14.264	-0.145	-0.145
-0.278				
K6D2M_R	WITH K6D2I_R	47.360	0.192	0.192
0.276				
K6D2M_R	WITH K6D2K_R	260.179	0.360	0.360
0.546				
K6D20_R	WITH EXTERN	10.101	0.066	0.066
0.080				
K6D20_R	WITH K6D2X_R	12.909	-0.139	-0.139
-0.259				
K6D2S_R	WITH SC9	123.048	0.292	0.292
0.598				
K6D2S_R	WITH INTERNAL	129.519	-1.003	-1.003
-2.054				
K6D2S_R	WITH PAF	102.805	-0.345	-0.345
-0.706				
K6D2S_R	WITH K6D2AC_R	69.363	-0.219	-0.219
-0.900				
K6D2S_R	WITH K6D2N_R	58.289	-0.201	-0.201
-0.743				
K6D2S_R	WITH K6D2X_R	23.795	-0.147	-0.147
-0.462				
K6D2S_R	WITH K6D2K_R	23.296	-0.171	-0.171
-0.427				
K6D2S_R	WITH K6D2M_R	27.008	-0.185	-0.185
-0.469				
K6D2V_R	WITH INTERNAL	17.962	0.430	0.430
0.535				
K6D2V_R	WITH K6D2P_R	12.735	-0.121	-0.121
-0.212				
K6D2V_R	WITH K6D2B_R	11.429	-0.136	-0.136
-0.261				
K6D2V_R	WITH K6D2I_R	51.383	0.204	0.204
0.294				
K6D2V_R	WITH K6D2K_R	23.467	0.146	0.146
0.223				
K6D2V_R	WITH K6D2M_R	22.752	0.142	0.142

0.220				
K6D2V_R WITH K6D2S_R	19.642	-0.157	-0.157	
-0.401				
K6D2W_R WITH SC15	12.524	-0.118	-0.118	
-0.157				
K6D2Y_R WITH K6D2L_R	10.306	0.127	0.127	
0.236				
K6D2AA_R WITH SC15	13.273	0.121	0.121	
0.171				
K6D2AA_R WITH EXTERN	19.973	0.098	0.098	
0.139				
K6D2AA_R WITH EXCBCL	12.869	0.056	0.056	
0.079				
K6D2AA_R WITH K6B1A_R	12.065	0.120	0.120	
0.224				
K6D2AA_R WITH K6D2Z_R	10.697	0.126	0.126	
0.217				
K6D2AA_R WITH K6D2K_R	10.471	-0.113	-0.113	
-0.196				
K6D2AA_R WITH K6D2M_R	11.027	-0.117	-0.117	
-0.207				
K6D2AE_R WITH SC9	67.395	-0.217	-0.217	
-0.246				
K6D2AE_R WITH INTERNAL	30.627	0.505	0.505	
0.573				
K6D2AE_R WITH EXTERN	53.636	0.140	0.140	
0.159				
K6D2AE_R WITH PAF	81.841	0.307	0.307	
0.348				
K6D2AE_R WITH EXCBCL	10.966	0.046	0.046	
0.052				
K6D2AE_R WITH K6D2Z_R	22.789	0.145	0.145	
0.200				
K6D2AE_R WITH K6D2AB_R	20.649	0.141	0.141	
0.196				
K6D2AE_R WITH K6D2W_R	31.496	0.154	0.154	
0.231				
K6D2AF_R WITH SC9	10.296	-0.106	-0.106	
-0.135				
K6D2AF_R WITH EXTERN	10.619	0.080	0.080	
0.101				
K6D2AF_R WITH PAF	10.975	0.141	0.141	
0.178				
K6D2AF_R WITH K6D2G_R	14.151	0.166	0.166	
0.233				
K6D2AF_R WITH K6D2Y_R	32.094	0.197	0.197	
0.326				
P5Q3M WITH EXCBCL	1541.734	0.541	0.541	
0.631				
P5Q3AB WITH EXCBCL	478.685	0.294	0.294	

0.329				
P5Q3AD	WITH EXCBCL	773.643	0.424	0.424
0.532				
P5Q3AF	WITH EXCBCL	1339.183	0.557	0.557
0.755				
P5Q3AH	WITH EXCBCL	1327.505	0.629	0.629
0.988				
P5Q3AH	WITH P5Q3AF	25.501	0.242	0.242
0.516				
P5Q3AR	WITH EXCBCL	858.095	0.472	0.472
0.587				
P5Q3AV	WITH EXCBCL	983.217	0.485	0.485
0.697				
P5Q3AV	WITH P5Q3AB	16.178	0.186	0.186
0.299				
P5Q3AX	WITH SC9	11.623	0.091	0.091
0.143				
P5Q3AX	WITH EXCBCL	747.784	0.501	0.501
0.786				
P5Q3BQ	WITH EXCBCL	961.578	0.397	0.397
0.480				
P5Q3CK	WITH EXCBCL	978.960	0.692	0.692
1.075				
P5Q3DB	WITH EXTERN	18.181	-0.099	-0.099
-0.120				
P5Q3DB	WITH EXCBCL	690.469	0.355	0.355
0.430				
P5Q3DB	WITH P5Q3AV	10.166	0.142	0.142
0.247				
P5Q3DB	WITH P5Q3BQ	15.309	0.145	0.145
0.212				
P5Q3E	WITH EXCBCL	494.893	0.347	0.347
0.384				
P5Q3E	WITH P5Q3DB	15.739	-0.209	-0.209
-0.280				
P5Q3A0	WITH SC9	13.462	-0.070	-0.070
-0.086				
P5Q3A0	WITH EXCBCL	666.124	0.391	0.391
0.480				
P5Q3BK	WITH EXCBCL	856.703	0.471	0.471
0.595				
P5Q3B0	WITH SC9	19.870	-0.082	-0.082
-0.098				
P5Q3B0	WITH EXTERN	17.642	0.108	0.108
0.130				
P5Q3B0	WITH EXCBCL	1180.177	0.481	0.481
0.578				
P5Q3B0	WITH P5Q3BK	15.979	0.196	0.196
0.297				
P5Q3CU	WITH EXCBCL	587.639	0.426	0.426

0.553				
P5Q3DA	WITH SC9	16.351	-0.092	-0.092
-0.128				
P5Q3DA	WITH EXCBCL	927.110	0.499	0.499
0.698				
P5Q3DA	WITH P5Q3A0	31.103	0.261	0.261
0.448				
P5Q3AS	WITH EXCBCL	825.235	0.397	0.397
0.472				
P5Q3AU	WITH EXCBCL	340.393	0.337	0.337
0.400				
P5Q3AZ	WITH EXCBCL	796.803	0.506	0.506
0.749				
P5Q3AZ	WITH P5Q3CU	16.458	0.220	0.220
0.423				
P5Q3BB1	WITH EXCBCL	451.736	0.370	0.370
0.510				
P5Q3BB2	WITH EXCBCL	338.470	0.281	0.281
0.339				
P5Q3BB2	WITH P5Q3AH	10.681	-0.223	-0.223
-0.423				
P5Q3BB2	WITH P5Q3BB1	61.701	0.327	0.327
0.543				
P5Q3BB5	WITH EXCBCL	239.234	0.252	0.252
0.280				
P5Q3BB6	WITH EXCBCL	443.597	0.342	0.342
0.481				
P5Q3BB6	WITH P5Q3BB1	35.020	0.257	0.257
0.497				
P5Q3BB6	WITH P5Q3BB2	50.689	0.290	0.290
0.491				
P5Q3BB6	WITH P5Q3BB5	13.402	0.190	0.190
0.298				
P5Q3BB7	WITH SC9	13.528	0.099	0.099
0.130				
P5Q3BB7	WITH EXCBCL	318.610	0.352	0.352
0.462				
P5Q3BB7	WITH P5Q3BB2	11.901	0.198	0.198
0.313				
P5Q3BB7	WITH P5Q3BB6	66.253	0.360	0.360
0.665				
P5Q3X	WITH INCBCL	501.035	0.401	0.401
0.493				
P5Q3X	WITH P5Q3M	41.159	0.313	0.313
0.448				
P5Q3X	WITH P5Q3AB	10.557	0.148	0.148
0.203				
P5Q3X	WITH P5Q3AD	45.706	0.349	0.349
0.539				
P5Q3X	WITH P5Q3AF	40.564	0.344	0.344

0.572				
P5Q3X	WITH P5Q3AH	27.283	0.337	0.337
0.651				
P5Q3X	WITH P5Q3AR	22.291	0.273	0.273
0.417				
P5Q3X	WITH P5Q3AV	26.896	0.285	0.285
0.503				
P5Q3X	WITH P5Q3AX	11.386	0.223	0.223
0.430				
P5Q3X	WITH P5Q3BQ	10.725	0.148	0.148
0.220				
P5Q3X	WITH P5Q3CK	16.119	0.352	0.352
0.672				
P5Q3X	WITH P5Q3E	56.197	0.366	0.366
0.497				
P5Q3X	WITH P5Q3A0	30.655	0.284	0.284
0.428				
P5Q3X	WITH P5Q3BK	37.104	0.333	0.333
0.516				
P5Q3X	WITH P5Q3B0	43.886	0.320	0.320
0.472				
P5Q3X	WITH P5Q3CU	16.170	0.243	0.243
0.387				
P5Q3X	WITH P5Q3DA	22.414	0.282	0.282
0.484				
P5Q3X	WITH P5Q3AU	11.594	0.214	0.214
0.312				
P5Q3X	WITH P5Q3AZ	33.652	0.351	0.351
0.639				
P5Q3AA	WITH INCBCL	561.045	0.382	0.382
0.599				
P5Q3AA	WITH K5E1C	15.007	-0.153	-0.153
-0.246				
P5Q3AA	WITH P5Q3M	71.273	0.359	0.359
0.658				
P5Q3AA	WITH P5Q3AB	40.519	0.252	0.252
0.443				
P5Q3AA	WITH P5Q3AD	19.445	0.210	0.210
0.415				
P5Q3AA	WITH P5Q3AF	46.270	0.331	0.331
0.703				
P5Q3AA	WITH P5Q3AH	55.174	0.418	0.418
1.031				
P5Q3AA	WITH P5Q3AR	43.366	0.326	0.326
0.636				
P5Q3AA	WITH P5Q3AV	25.575	0.248	0.248
0.560				
P5Q3AA	WITH P5Q3AX	14.733	0.234	0.234
0.577				
P5Q3AA	WITH P5Q3BQ	25.783	0.202	0.202

0.384				
P5Q3AA	WITH P5Q3CK	24.908	0.376	0.376
0.919				
P5Q3AA	WITH P5Q3DB	17.212	0.172	0.172
0.328				
P5Q3AA	WITH P5Q3A0	14.703	0.182	0.182
0.351				
P5Q3AA	WITH P5Q3BK	35.696	0.297	0.297
0.589				
P5Q3AA	WITH P5Q3B0	42.241	0.284	0.284
0.536				
P5Q3AA	WITH P5Q3CU	10.534	0.183	0.183
0.373				
P5Q3AA	WITH P5Q3DA	23.287	0.251	0.251
0.551				
P5Q3AA	WITH P5Q3AS	37.966	0.263	0.263
0.491				
P5Q3AA	WITH P5Q3AZ	21.924	0.272	0.272
0.632				
P5Q3AA	WITH P5Q3BB1	14.778	0.209	0.209
0.452				
P5Q3AA	WITH P5Q3BB2	10.678	0.154	0.154
0.292				
P5Q3AA	WITH P5Q3BB6	10.236	0.164	0.164
0.361				
P5Q3AL	WITH SC9	11.079	0.069	0.069
0.087				
P5Q3AL	WITH INTERNAL	11.929	-0.479	-0.479
-0.605				
P5Q3AL	WITH INCBCL	424.658	0.404	0.404
0.510				
P5Q3AL	WITH P5Q3M	20.189	0.245	0.245
0.360				
P5Q3AL	WITH P5Q3AD	27.450	0.303	0.303
0.480				
P5Q3AL	WITH P5Q3AF	28.565	0.310	0.310
0.531				
P5Q3AL	WITH P5Q3AH	35.584	0.396	0.396
0.787				
P5Q3AL	WITH P5Q3AR	28.186	0.323	0.323
0.506				
P5Q3AL	WITH P5Q3AV	18.990	0.266	0.266
0.484				
P5Q3AL	WITH P5Q3AX	28.865	0.339	0.339
0.672				
P5Q3AL	WITH P5Q3BQ	15.949	0.207	0.207
0.316				
P5Q3AL	WITH P5Q3CK	21.091	0.389	0.389
0.762				
P5Q3AL	WITH P5Q3E	14.776	0.226	0.226

0.316				
P5Q3AL	WITH P5Q3A0	14.855	0.230	0.230
0.357				
P5Q3AL	WITH P5Q3BK	24.676	0.305	0.305
0.486				
P5Q3AL	WITH P5Q3B0	23.456	0.275	0.275
0.417				
P5Q3AL	WITH P5Q3DA	14.512	0.248	0.248
0.438				
P5Q3AL	WITH P5Q3AS	20.354	0.243	0.243
0.365				
P5Q3AL	WITH P5Q3AU	15.212	0.265	0.265
0.398				
P5Q3AL	WITH P5Q3AZ	23.042	0.313	0.313
0.586				
P5Q3AL	WITH P5Q3BB1	16.697	0.260	0.260
0.452				
P5Q3AL	WITH P5Q3BB2	18.090	0.248	0.248
0.378				
P5Q3AL	WITH P5Q3BB6	17.193	0.250	0.250
0.443				
P5Q3AL	WITH P5Q3BB7	17.201	0.281	0.281
0.465				
P5Q3AP	WITH INCBCL	802.599	0.471	0.471
0.649				
P5Q3AP	WITH P5Q3M	60.834	0.352	0.352
0.566				
P5Q3AP	WITH P5Q3AB	23.632	0.209	0.209
0.323				
P5Q3AP	WITH P5Q3AD	38.107	0.303	0.303
0.525				
P5Q3AP	WITH P5Q3AF	49.070	0.351	0.351
0.657				
P5Q3AP	WITH P5Q3AH	62.742	0.446	0.446
0.967				
P5Q3AP	WITH P5Q3AR	42.554	0.347	0.347
0.594				
P5Q3AP	WITH P5Q3AV	46.046	0.338	0.338
0.672				
P5Q3AP	WITH P5Q3AX	31.598	0.339	0.339
0.734				
P5Q3AP	WITH P5Q3BQ	40.795	0.265	0.265
0.442				
P5Q3AP	WITH P5Q3CK	19.304	0.363	0.363
0.777				
P5Q3AP	WITH P5Q3DB	35.469	0.257	0.257
0.430				
P5Q3AP	WITH P5Q3E	20.584	0.229	0.229
0.349				
P5Q3AP	WITH P5Q3A0	33.288	0.270	0.270

0.457				
P5Q3AP	WITH P5Q3BK	38.121	0.318	0.318
0.554				
P5Q3AP	WITH P5Q3B0	79.758	0.384	0.384
0.636				
P5Q3AP	WITH P5Q3CU	28.055	0.304	0.304
0.544				
P5Q3AP	WITH P5Q3DA	30.795	0.296	0.296
0.571				
P5Q3AP	WITH P5Q3AS	45.404	0.294	0.294
0.482				
P5Q3AP	WITH P5Q3AU	15.574	0.229	0.229
0.376				
P5Q3AP	WITH P5Q3AZ	28.837	0.323	0.323
0.661				
P5Q3AP	WITH P5Q3BB1	17.771	0.242	0.242
0.460				
P5Q3AP	WITH P5Q3BB2	13.344	0.177	0.177
0.295				
P5Q3AP	WITH P5Q3BB5	14.537	0.200	0.200
0.307				
P5Q3AP	WITH P5Q3BB6	20.214	0.240	0.240
0.465				
P5Q3AP	WITH P5Q3BB7	10.964	0.212	0.212
0.384				
P5Q3BI	WITH INCBCL	384.780	0.327	0.327
0.352				
P5Q3BI	WITH P5Q3AB	11.591	0.142	0.142
0.172				
P5Q3BI	WITH P5Q3AD	18.276	0.210	0.210
0.284				
P5Q3BI	WITH P5Q3AF	16.271	0.212	0.212
0.309				
P5Q3BI	WITH P5Q3AH	16.232	0.257	0.257
0.435				
P5Q3BI	WITH P5Q3AR	12.706	0.197	0.197
0.264				
P5Q3BI	WITH P5Q3AX	15.334	0.244	0.244
0.413				
P5Q3BI	WITH P5Q3BQ	66.231	0.304	0.304
0.395				
P5Q3BI	WITH P5Q3DB	21.440	0.189	0.189
0.247				
P5Q3BI	WITH P5Q3A0	22.627	0.231	0.231
0.306				
P5Q3BI	WITH P5Q3BK	25.265	0.259	0.259
0.352				
P5Q3BI	WITH P5Q3B0	42.555	0.287	0.287
0.371				
P5Q3BI	WITH P5Q3CU	11.710	0.198	0.198

0.277				
P5Q3BI	WITH P5Q3DA	11.221	0.192	0.192
0.290				
P5Q3BI	WITH P5Q3AS	20.919	0.204	0.204
0.261				
P5Q3BI	WITH P5Q3AZ	16.624	0.243	0.243
0.387				
P5Q3BI	WITH P5Q3BB2	13.991	0.173	0.173
0.225				
P5Q3BI	WITH P5Q3BB5	11.230	0.168	0.168
0.201				
P5Q3BI	WITH P5Q3BB6	18.703	0.219	0.219
0.332				
P5Q3BI	WITH P5Q3BB7	14.446	0.233	0.233
0.330				
P5Q3BZ	WITH INTERNAL	11.116	0.592	0.592
0.839				
P5Q3BZ	WITH INCBCL	524.659	0.549	0.549
0.777				
P5Q3BZ	WITH P5Q3M	23.071	0.340	0.340
0.561				
P5Q3BZ	WITH P5Q3AB	14.538	0.248	0.248
0.394				
P5Q3BZ	WITH P5Q3AD	22.185	0.342	0.342
0.607				
P5Q3BZ	WITH P5Q3AF	28.873	0.398	0.398
0.763				
P5Q3BZ	WITH P5Q3AH	40.169	0.492	0.492
1.096				
P5Q3BZ	WITH P5Q3AR	24.437	0.365	0.365
0.642				
P5Q3BZ	WITH P5Q3AV	20.454	0.334	0.334
0.679				
P5Q3BZ	WITH P5Q3AX	21.113	0.369	0.369
0.819				
P5Q3BZ	WITH P5Q3BQ	14.021	0.245	0.245
0.420				
P5Q3BZ	WITH P5Q3CK	37.470	0.555	0.555
1.220				
P5Q3BZ	WITH P5Q3DB	13.428	0.250	0.250
0.430				
P5Q3BZ	WITH P5Q3A0	22.504	0.334	0.334
0.581				
P5Q3BZ	WITH P5Q3BK	32.765	0.427	0.427
0.763				
P5Q3BZ	WITH P5Q3B0	64.406	0.485	0.485
0.824				
P5Q3BZ	WITH P5Q3CU	16.809	0.346	0.346
0.635				
P5Q3BZ	WITH P5Q3DA	35.004	0.436	0.436

0.863				
P5Q3BZ	WITH P5Q3AS	30.039	0.326	0.326
0.549				
P5Q3BZ	WITH P5Q3AU	12.869	0.303	0.303
0.509				
P5Q3BZ	WITH P5Q3AZ	20.014	0.374	0.374
0.783				
P5Q3BZ	WITH P5Q3BB2	10.785	0.240	0.240
0.410				
P5Q3BZ	WITH P5Q3BB7	15.315	0.331	0.331
0.615				
P5Q3CJ	WITH INCBCL	728.338	0.567	0.567
0.804				
P5Q3CJ	WITH P5Q3M	27.026	0.330	0.330
0.545				
P5Q3CJ	WITH P5Q3AB	16.820	0.247	0.247
0.392				
P5Q3CJ	WITH P5Q3AD	29.493	0.348	0.348
0.619				
P5Q3CJ	WITH P5Q3AF	36.440	0.389	0.389
0.748				
P5Q3CJ	WITH P5Q3AH	49.977	0.474	0.474
1.057				
P5Q3CJ	WITH P5Q3AR	38.833	0.384	0.384
0.676				
P5Q3CJ	WITH P5Q3AV	28.047	0.346	0.346
0.706				
P5Q3CJ	WITH P5Q3AX	30.892	0.405	0.405
0.901				
P5Q3CJ	WITH P5Q3BQ	22.295	0.272	0.272
0.467				
P5Q3CJ	WITH P5Q3CK	80.214	0.646	0.646
1.422				
P5Q3CJ	WITH P5Q3DB	21.835	0.270	0.270
0.465				
P5Q3CJ	WITH P5Q3E	20.910	0.310	0.310
0.486				
P5Q3CJ	WITH P5Q3A0	32.352	0.352	0.352
0.612				
P5Q3CJ	WITH P5Q3BK	44.918	0.431	0.431
0.771				
P5Q3CJ	WITH P5Q3B0	42.757	0.388	0.388
0.661				
P5Q3CJ	WITH P5Q3CU	20.106	0.324	0.324
0.596				
P5Q3CJ	WITH P5Q3DA	46.200	0.445	0.445
0.881				
P5Q3CJ	WITH P5Q3AS	32.699	0.321	0.321
0.540				
P5Q3CJ	WITH P5Q3AU	19.547	0.322	0.322

0.543				
P5Q3CJ	WITH P5Q3AZ	34.043	0.414	0.414
0.869				
P5Q3CJ	WITH P5Q3BB1	25.920	0.358	0.358
0.701				
P5Q3CJ	WITH P5Q3BB2	12.354	0.228	0.228
0.390				
P5Q3CJ	WITH P5Q3BB6	17.496	0.289	0.289
0.575				
P5Q3CJ	WITH P5Q3BB7	23.466	0.360	0.360
0.669				
P5Q3C	WITH INCBCL	672.114	0.410	0.410
0.511				
P5Q3C	WITH P5Q3M	75.251	0.356	0.356
0.518				
P5Q3C	WITH P5Q3AB	11.489	0.140	0.140
0.196				
P5Q3C	WITH P5Q3AD	18.512	0.203	0.203
0.318				
P5Q3C	WITH P5Q3AF	85.583	0.424	0.424
0.716				
P5Q3C	WITH P5Q3AH	59.827	0.419	0.419
0.821				
P5Q3C	WITH P5Q3AR	20.398	0.230	0.230
0.357				
P5Q3C	WITH P5Q3AV	49.797	0.336	0.336
0.603				
P5Q3C	WITH P5Q3AX	21.733	0.282	0.282
0.552				
P5Q3C	WITH P5Q3BQ	72.345	0.314	0.314
0.473				
P5Q3C	WITH P5Q3CK	23.796	0.361	0.361
0.699				
P5Q3C	WITH P5Q3DB	91.263	0.353	0.353
0.534				
P5Q3C	WITH P5Q3A0	11.663	0.160	0.160
0.246				
P5Q3C	WITH P5Q3B0	20.335	0.201	0.201
0.301				
P5Q3C	WITH P5Q3CU	15.874	0.225	0.225
0.364				
P5Q3C	WITH P5Q3DA	11.211	0.183	0.183
0.319				
P5Q3C	WITH P5Q3AS	40.424	0.268	0.268
0.397				
P5Q3C	WITH P5Q3AU	15.452	0.211	0.211
0.313				
P5Q3C	WITH P5Q3AZ	13.896	0.228	0.228
0.421				
P5Q3C	WITH P5Q3BB1	22.765	0.253	0.253

0.435				
P5Q3C	WITH P5Q3BB2	14.680	0.175	0.175
0.263				
P5Q3C	WITH P5Q3BB6	23.335	0.232	0.232
0.406				
P5Q30	WITH INCBCL	731.087	0.509	0.509
0.785				
P5Q30	WITH P5Q3M	101.751	0.469	0.469
0.843				
P5Q30	WITH P5Q3AB	10.337	0.164	0.164
0.283				
P5Q30	WITH P5Q3AD	36.370	0.338	0.338
0.654				
P5Q30	WITH P5Q3AF	56.587	0.415	0.415
0.866				
P5Q30	WITH P5Q3AH	43.357	0.415	0.415
1.005				
P5Q30	WITH P5Q3AR	27.352	0.320	0.320
0.612				
P5Q30	WITH P5Q3AV	24.863	0.300	0.300
0.664				
P5Q30	WITH P5Q3AX	23.822	0.330	0.330
0.799				
P5Q30	WITH P5Q3BQ	19.021	0.213	0.213
0.397				
P5Q30	WITH P5Q3CK	42.366	0.530	0.530
1.269				
P5Q30	WITH P5Q3DB	16.723	0.216	0.216
0.404				
P5Q30	WITH P5Q3E	35.255	0.328	0.328
0.559				
P5Q30	WITH P5Q3A0	39.277	0.342	0.342
0.646				
P5Q30	WITH P5Q3BK	36.341	0.359	0.359
0.698				
P5Q30	WITH P5Q3B0	60.969	0.389	0.389
0.719				
P5Q30	WITH P5Q3CU	28.506	0.329	0.329
0.659				
P5Q30	WITH P5Q3DA	48.898	0.412	0.412
0.888				
P5Q30	WITH P5Q3AS	26.096	0.256	0.256
0.469				
P5Q30	WITH P5Q3AU	16.195	0.275	0.275
0.504				
P5Q30	WITH P5Q3AZ	33.707	0.371	0.371
0.846				
P5Q30	WITH P5Q3BB1	14.054	0.245	0.245
0.520				
P5Q30	WITH P5Q3BB2	11.582	0.198	0.198

0.367				
P5Q30	WITH P5Q3BB6	15.814	0.243	0.243
0.527				
P5Q30	WITH P5Q3BB7	17.537	0.282	0.282
0.570				
P5Q3R	WITH INCBCL	1016.375	0.498	0.498
0.622				
P5Q3R	WITH P5Q3M	150.687	0.476	0.476
0.693				
P5Q3R	WITH P5Q3AB	42.468	0.255	0.255
0.357				
P5Q3R	WITH P5Q3AD	46.324	0.308	0.308
0.483				
P5Q3R	WITH P5Q3AF	95.286	0.452	0.452
0.764				
P5Q3R	WITH P5Q3AH	71.874	0.457	0.457
0.897				
P5Q3R	WITH P5Q3AR	26.829	0.260	0.260
0.404				
P5Q3R	WITH P5Q3AV	71.905	0.393	0.393
0.706				
P5Q3R	WITH P5Q3AX	33.645	0.340	0.340
0.667				
P5Q3R	WITH P5Q3BQ	81.929	0.328	0.328
0.496				
P5Q3R	WITH P5Q3CK	43.627	0.490	0.490
0.951				
P5Q3R	WITH P5Q3DB	66.968	0.312	0.312
0.472				
P5Q3R	WITH P5Q3E	22.858	0.220	0.220
0.304				
P5Q3R	WITH P5Q3A0	22.504	0.222	0.222
0.340				
P5Q3R	WITH P5Q3BK	35.722	0.298	0.298
0.470				
P5Q3R	WITH P5Q3B0	43.056	0.283	0.283
0.424				
P5Q3R	WITH P5Q3CU	29.660	0.300	0.300
0.486				
P5Q3R	WITH P5Q3DA	37.540	0.320	0.320
0.558				
P5Q3R	WITH P5Q3AS	52.272	0.304	0.304
0.451				
P5Q3R	WITH P5Q3AU	17.242	0.235	0.235
0.349				
P5Q3R	WITH P5Q3AZ	35.916	0.350	0.350
0.646				
P5Q3R	WITH P5Q3BB1	23.932	0.258	0.258
0.444				
P5Q3R	WITH P5Q3BB5	10.035	0.158	0.158

0.220				
P5Q3R	WITH P5Q3BB6	22.261	0.238	0.238
0.417				
P5Q3S	WITH INCBCL	729.701	0.497	0.497
0.796				
P5Q3S	WITH P5Q3M	108.812	0.473	0.473
0.883				
P5Q3S	WITH P5Q3AB	15.669	0.190	0.190
0.341				
P5Q3S	WITH P5Q3AD	33.945	0.320	0.320
0.644				
P5Q3S	WITH P5Q3AF	53.517	0.400	0.400
0.869				
P5Q3S	WITH P5Q3AH	53.297	0.451	0.451
1.135				
P5Q3S	WITH P5Q3AR	35.255	0.339	0.339
0.674				
P5Q3S	WITH P5Q3AV	37.522	0.344	0.344
0.793				
P5Q3S	WITH P5Q3AX	25.324	0.342	0.342
0.860				
P5Q3S	WITH P5Q3BQ	16.516	0.195	0.195
0.378				
P5Q3S	WITH P5Q3CK	49.540	0.550	0.550
1.369				
P5Q3S	WITH P5Q3DB	16.264	0.203	0.203
0.394				
P5Q3S	WITH P5Q3E	52.485	0.366	0.366
0.649				
P5Q3S	WITH P5Q3A0	33.869	0.313	0.313
0.615				
P5Q3S	WITH P5Q3BK	47.112	0.383	0.383
0.775				
P5Q3S	WITH P5Q3B0	44.585	0.333	0.333
0.640				
P5Q3S	WITH P5Q3CU	13.481	0.240	0.240
0.498				
P5Q3S	WITH P5Q3DA	41.602	0.378	0.378
0.846				
P5Q3S	WITH P5Q3AS	33.146	0.287	0.287
0.546				
P5Q3S	WITH P5Q3AZ	41.764	0.397	0.397
0.942				
P5Q3S	WITH P5Q3BB1	13.534	0.238	0.238
0.526				
P5Q3S	WITH P5Q3BB6	10.672	0.197	0.197
0.445				
P5Q3S	WITH P5Q3BB7	11.133	0.234	0.234
0.492				
P5Q3T	WITH INCBCL	737.530	0.493	0.493

0.815				
P5Q3T	WITH P5Q3M	96.727	0.455	0.455
0.877				
P5Q3T	WITH P5Q3AB	14.170	0.180	0.180
0.333				
P5Q3T	WITH P5Q3AD	34.960	0.325	0.325
0.675				
P5Q3T	WITH P5Q3AF	53.610	0.397	0.397
0.889				
P5Q3T	WITH P5Q3AH	53.785	0.443	0.443
1.151				
P5Q3T	WITH P5Q3AR	38.047	0.353	0.353
0.726				
P5Q3T	WITH P5Q3AV	47.065	0.365	0.365
0.868				
P5Q3T	WITH P5Q3AX	25.950	0.331	0.331
0.859				
P5Q3T	WITH P5Q3BQ	23.797	0.230	0.230
0.459				
P5Q3T	WITH P5Q3CK	45.281	0.527	0.527
1.354				
P5Q3T	WITH P5Q3DB	18.797	0.216	0.216
0.433				
P5Q3T	WITH P5Q3E	33.010	0.306	0.306
0.560				
P5Q3T	WITH P5Q3A0	34.768	0.311	0.311
0.631				
P5Q3T	WITH P5Q3BK	32.861	0.327	0.327
0.682				
P5Q3T	WITH P5Q3B0	38.155	0.306	0.306
0.608				
P5Q3T	WITH P5Q3CU	21.077	0.292	0.292
0.626				
P5Q3T	WITH P5Q3DA	32.313	0.336	0.336
0.777				
P5Q3T	WITH P5Q3AS	31.574	0.270	0.270
0.531				
P5Q3T	WITH P5Q3AZ	42.257	0.398	0.398
0.974				
P5Q3T	WITH P5Q3BB1	22.035	0.288	0.288
0.656				
P5Q3T	WITH P5Q3BB2	10.551	0.176	0.176
0.350				
P5Q3T	WITH P5Q3BB5	15.698	0.228	0.228
0.420				
P5Q3T	WITH P5Q3BB6	13.715	0.218	0.218
0.507				
P5Q3T	WITH P5Q3BB7	18.642	0.300	0.300
0.651				
P5Q3T	WITH P5Q3S	127.993	0.299	0.299

0.793				
P5Q3U	WITH INCBCL	655.987	0.407	0.407
0.616				
P5Q3U	WITH P5Q3M	82.875	0.382	0.382
0.674				
P5Q3U	WITH P5Q3AB	30.342	0.223	0.223
0.378				
P5Q3U	WITH P5Q3AD	33.600	0.264	0.264
0.503				
P5Q3U	WITH P5Q3AF	71.163	0.391	0.391
0.802				
P5Q3U	WITH P5Q3AH	76.205	0.465	0.465
1.106				
P5Q3U	WITH P5Q3AR	26.410	0.257	0.257
0.483				
P5Q3U	WITH P5Q3AV	46.211	0.318	0.318
0.693				
P5Q3U	WITH P5Q3AX	20.330	0.271	0.271
0.643				
P5Q3U	WITH P5Q3BQ	45.833	0.257	0.257
0.471				
P5Q3U	WITH P5Q3CK	24.494	0.387	0.387
0.911				
P5Q3U	WITH P5Q3DB	37.872	0.246	0.246
0.452				
P5Q3U	WITH P5Q3A0	12.809	0.169	0.169
0.313				
P5Q3U	WITH P5Q3BK	19.814	0.229	0.229
0.438				
P5Q3U	WITH P5Q3B0	37.346	0.275	0.275
0.500				
P5Q3U	WITH P5Q3CU	20.764	0.257	0.257
0.504				
P5Q3U	WITH P5Q3DA	24.398	0.253	0.253
0.535				
P5Q3U	WITH P5Q3AS	31.807	0.243	0.243
0.437				
P5Q3U	WITH P5Q3AU	12.748	0.199	0.199
0.359				
P5Q3U	WITH P5Q3AZ	19.781	0.250	0.250
0.560				
P5Q3U	WITH P5Q3BB1	22.050	0.254	0.254
0.529				
P5Q3U	WITH P5Q3BB6	18.383	0.218	0.218
0.464				
P5Q3U	WITH P5Q3AA	43.860	0.172	0.172
0.410				
P5Q3U	WITH P5Q3C	10.924	0.104	0.104
0.196				
P5Q3V	WITH INTERNAL	10.590	-0.368	-0.368

-0.552				
P5Q3V	WITH INCBCL	414.544	0.347	0.347
0.521				
P5Q3V	WITH K5E1C	14.605	-0.158	-0.158
-0.242				
P5Q3V	WITH P5Q3M	36.312	0.287	0.287
0.502				
P5Q3V	WITH P5Q3AB	15.654	0.173	0.173
0.290				
P5Q3V	WITH P5Q3AD	29.237	0.266	0.266
0.501				
P5Q3V	WITH P5Q3AF	37.141	0.302	0.302
0.613				
P5Q3V	WITH P5Q3AH	45.525	0.384	0.384
0.906				
P5Q3V	WITH P5Q3AR	45.314	0.350	0.350
0.652				
P5Q3V	WITH P5Q3AV	17.090	0.217	0.217
0.468				
P5Q3V	WITH P5Q3AX	19.400	0.265	0.265
0.624				
P5Q3V	WITH P5Q3BQ	13.551	0.158	0.158
0.287				
P5Q3V	WITH P5Q3CK	38.414	0.471	0.471
1.098				
P5Q3V	WITH P5Q3A0	10.949	0.168	0.168
0.309				
P5Q3V	WITH P5Q3BK	21.101	0.248	0.248
0.469				
P5Q3V	WITH P5Q3B0	31.704	0.264	0.264
0.475				
P5Q3V	WITH P5Q3DA	19.194	0.250	0.250
0.524				
P5Q3V	WITH P5Q3AS	20.544	0.203	0.203
0.362				
P5Q3V	WITH P5Q3AZ	24.813	0.292	0.292
0.649				
P5Q3V	WITH P5Q3AA	71.771	0.215	0.215
0.507				
P5Q3V	WITH P5Q3U	81.685	0.230	0.230
0.523				
P5Q3AJ	WITH INTERNAL	11.440	-0.506	-0.506
-0.757				
P5Q3AJ	WITH INCBCL	537.396	0.476	0.476
0.711				
P5Q3AJ	WITH K6D61D	10.480	0.194	0.194
0.374				
P5Q3AJ	WITH P5Q3M	36.386	0.350	0.350
0.610				
P5Q3AJ	WITH P5Q3AB	10.845	0.179	0.179

0.300				
P5Q3AJ	WITH P5Q3AD	38.147	0.372	0.372
0.698				
P5Q3AJ	WITH P5Q3AF	45.749	0.412	0.412
0.834				
P5Q3AJ	WITH P5Q3AH	57.040	0.488	0.488
1.146				
P5Q3AJ	WITH P5Q3AR	47.126	0.430	0.430
0.798				
P5Q3AJ	WITH P5Q3AV	21.621	0.300	0.300
0.645				
P5Q3AJ	WITH P5Q3AX	32.817	0.388	0.388
0.910				
P5Q3AJ	WITH P5Q3BQ	13.813	0.204	0.204
0.368				
P5Q3AJ	WITH P5Q3CK	41.506	0.525	0.525
1.219				
P5Q3AJ	WITH P5Q3DB	11.658	0.202	0.202
0.366				
P5Q3AJ	WITH P5Q3E	18.233	0.279	0.279
0.462				
P5Q3AJ	WITH P5Q3A0	29.577	0.331	0.331
0.608				
P5Q3AJ	WITH P5Q3BK	21.329	0.307	0.307
0.579				
P5Q3AJ	WITH P5Q3B0	16.644	0.244	0.244
0.438				
P5Q3AJ	WITH P5Q3CU	10.575	0.232	0.232
0.450				
P5Q3AJ	WITH P5Q3DA	24.867	0.335	0.335
0.701				
P5Q3AJ	WITH P5Q3AS	33.534	0.309	0.309
0.549				
P5Q3AJ	WITH P5Q3AU	11.779	0.245	0.245
0.435				
P5Q3AJ	WITH P5Q3AZ	24.005	0.356	0.356
0.789				
P5Q3AJ	WITH P5Q3BB5	13.825	0.240	0.240
0.400				
P5Q3AJ	WITH P5Q3BB7	15.089	0.282	0.282
0.553				
P5Q3AJ	WITH P5Q3AL	12.509	0.175	0.175
0.330				
P5Q3BC	WITH INCBCL	852.886	0.626	0.626
1.049				
P5Q3BC	WITH P5Q3M	37.736	0.385	0.385
0.752				
P5Q3BC	WITH P5Q3AB	15.744	0.236	0.236
0.443				
P5Q3BC	WITH P5Q3AD	42.917	0.424	0.424

0.891				
P5Q3BC	WITH P5Q3AF	34.322	0.401	0.401
0.910				
P5Q3BC	WITH P5Q3AH	63.256	0.547	0.547
1.440				
P5Q3BC	WITH P5Q3AR	45.617	0.430	0.430
0.895				
P5Q3BC	WITH P5Q3AV	39.980	0.415	0.415
1.000				
P5Q3BC	WITH P5Q3AX	50.351	0.492	0.492
1.293				
P5Q3BC	WITH P5Q3BQ	25.125	0.306	0.306
0.620				
P5Q3BC	WITH P5Q3CK	59.840	0.618	0.618
1.606				
P5Q3BC	WITH P5Q3DB	27.287	0.337	0.337
0.683				
P5Q3BC	WITH P5Q3E	13.952	0.271	0.271
0.503				
P5Q3BC	WITH P5Q3A0	33.452	0.372	0.372
0.765				
P5Q3BC	WITH P5Q3BK	37.860	0.424	0.424
0.895				
P5Q3BC	WITH P5Q3B0	50.787	0.428	0.428
0.861				
P5Q3BC	WITH P5Q3CU	26.514	0.391	0.391
0.851				
P5Q3BC	WITH P5Q3DA	65.511	0.509	0.509
1.192				
P5Q3BC	WITH P5Q3AS	35.029	0.341	0.341
0.679				
P5Q3BC	WITH P5Q3AU	27.463	0.382	0.382
0.759				
P5Q3BC	WITH P5Q3AZ	45.286	0.475	0.475
1.178				
P5Q3BC	WITH P5Q3BB1	16.291	0.289	0.289
0.667				
P5Q3BC	WITH P5Q3BB2	16.098	0.262	0.262
0.529				
P5Q3BC	WITH P5Q3BB5	16.550	0.282	0.282
0.525				
P5Q3BC	WITH P5Q3BB6	17.595	0.285	0.285
0.670				
P5Q3BC	WITH P5Q3BB7	39.840	0.450	0.450
0.989				
P5Q3BN	WITH INCBCL	995.937	0.550	0.550
0.755				
P5Q3BN	WITH P5Q3M	139.987	0.505	0.505
0.808				
P5Q3BN	WITH P5Q3AB	20.789	0.215	0.215

0.330				
P5Q3BN	WITH P5Q3AD	48.958	0.359	0.359
0.619				
P5Q3BN	WITH P5Q3AF	118.200	0.512	0.512
0.952				
P5Q3BN	WITH P5Q3AH	57.747	0.455	0.455
0.981				
P5Q3BN	WITH P5Q3AR	31.382	0.320	0.320
0.546				
P5Q3BN	WITH P5Q3AV	53.800	0.387	0.387
0.765				
P5Q3BN	WITH P5Q3AX	36.135	0.382	0.382
0.822				
P5Q3BN	WITH P5Q3BQ	59.879	0.341	0.341
0.566				
P5Q3BN	WITH P5Q3CK	58.569	0.551	0.551
1.174				
P5Q3BN	WITH P5Q3DB	35.913	0.282	0.282
0.469				
P5Q3BN	WITH P5Q3E	41.534	0.339	0.339
0.515				
P5Q3BN	WITH P5Q3A0	25.362	0.270	0.270
0.455				
P5Q3BN	WITH P5Q3BK	42.437	0.356	0.356
0.616				
P5Q3BN	WITH P5Q3B0	46.552	0.335	0.335
0.552				
P5Q3BN	WITH P5Q3CU	29.729	0.319	0.319
0.567				
P5Q3BN	WITH P5Q3DA	39.971	0.350	0.350
0.670				
P5Q3BN	WITH P5Q3AS	32.977	0.278	0.278
0.453				
P5Q3BN	WITH P5Q3AU	12.815	0.227	0.227
0.369				
P5Q3BN	WITH P5Q3AZ	47.477	0.414	0.414
0.842				
P5Q3BN	WITH P5Q3BB1	25.285	0.298	0.298
0.563				
P5Q3BN	WITH P5Q3BB2	18.094	0.223	0.223
0.369				
P5Q3BN	WITH P5Q3BB5	10.261	0.184	0.184
0.281				
P5Q3BN	WITH P5Q3BB6	28.313	0.294	0.294
0.567				
P5Q3BN	WITH P5Q3V	20.519	-0.215	-0.215
-0.443				
P5Q3CF	WITH INCBCL	1192.378	0.548	0.548
0.776				
P5Q3CF	WITH P5Q3M	68.372	0.364	0.364

0.601				
P5Q3CF	WITH P5Q3AB	39.131	0.264	0.264
0.418				
P5Q3CF	WITH P5Q3AD	27.505	0.255	0.255
0.453				
P5Q3CF	WITH P5Q3AF	71.948	0.401	0.401
0.769				
P5Q3CF	WITH P5Q3AH	86.476	0.474	0.474
1.054				
P5Q3CF	WITH P5Q3AR	45.321	0.344	0.344
0.605				
P5Q3CF	WITH P5Q3AV	68.067	0.392	0.392
0.798				
P5Q3CF	WITH P5Q3AX	41.108	0.381	0.381
0.847				
P5Q3CF	WITH P5Q3BQ	107.666	0.390	0.390
0.667				
P5Q3CF	WITH P5Q3CK	53.136	0.521	0.521
1.146				
P5Q3CF	WITH P5Q3DB	69.538	0.335	0.335
0.574				
P5Q3CF	WITH P5Q3E	13.009	0.184	0.184
0.288				
P5Q3CF	WITH P5Q3A0	41.698	0.304	0.304
0.528				
P5Q3CF	WITH P5Q3BK	67.332	0.400	0.400
0.715				
P5Q3CF	WITH P5Q3B0	77.969	0.378	0.378
0.642				
P5Q3CF	WITH P5Q3CU	40.385	0.347	0.347
0.637				
P5Q3CF	WITH P5Q3DA	58.916	0.394	0.394
0.780				
P5Q3CF	WITH P5Q3AS	62.550	0.336	0.336
0.565				
P5Q3CF	WITH P5Q3AU	24.156	0.270	0.270
0.453				
P5Q3CF	WITH P5Q3AZ	35.443	0.350	0.350
0.735				
P5Q3CF	WITH P5Q3BB1	36.431	0.324	0.324
0.633				
P5Q3CF	WITH P5Q3BB2	29.493	0.259	0.259
0.442				
P5Q3CF	WITH P5Q3BB5	14.998	0.198	0.198
0.312				
P5Q3CF	WITH P5Q3BB6	38.932	0.306	0.306
0.609				
P5Q3CF	WITH P5Q3BB7	19.358	0.277	0.277
0.515				
P5Q3CF	WITH P5Q3V	13.612	-0.152	-0.152

-0.323				
P5Q3CG	WITH INCBCL	1542.214	0.625	0.625
0.862				
P5Q3CG	WITH P5Q3M	110.253	0.441	0.441
0.710				
P5Q3CG	WITH P5Q3AB	38.357	0.265	0.265
0.409				
P5Q3CG	WITH P5Q3AD	45.090	0.330	0.330
0.572				
P5Q3CG	WITH P5Q3AF	83.578	0.436	0.436
0.815				
P5Q3CG	WITH P5Q3AH	60.586	0.433	0.433
0.939				
P5Q3CG	WITH P5Q3AR	75.980	0.425	0.425
0.729				
P5Q3CG	WITH P5Q3AV	106.620	0.469	0.469
0.931				
P5Q3CG	WITH P5Q3AX	54.615	0.444	0.444
0.962				
P5Q3CG	WITH P5Q3BQ	101.132	0.383	0.383
0.638				
P5Q3CG	WITH P5Q3CK	60.771	0.559	0.559
1.198				
P5Q3CG	WITH P5Q3DB	70.228	0.344	0.344
0.575				
P5Q3CG	WITH P5Q3E	46.448	0.327	0.327
0.500				
P5Q3CG	WITH P5Q3A0	75.364	0.401	0.401
0.680				
P5Q3CG	WITH P5Q3BK	83.514	0.446	0.446
0.776				
P5Q3CG	WITH P5Q3B0	135.082	0.469	0.469
0.777				
P5Q3CG	WITH P5Q3CU	49.417	0.385	0.385
0.689				
P5Q3CG	WITH P5Q3DA	101.175	0.490	0.490
0.944				
P5Q3CG	WITH P5Q3AS	59.688	0.347	0.347
0.569				
P5Q3CG	WITH P5Q3AU	20.504	0.278	0.278
0.455				
P5Q3CG	WITH P5Q3AZ	68.383	0.458	0.458
0.936				
P5Q3CG	WITH P5Q3BB1	34.526	0.324	0.324
0.617				
P5Q3CG	WITH P5Q3BB2	44.141	0.314	0.314
0.522				
P5Q3CG	WITH P5Q3BB5	24.285	0.253	0.253
0.388				
P5Q3CG	WITH P5Q3BB6	44.598	0.338	0.338

0.655				
P5Q3CG	WITH P5Q3BB7	15.004	0.265	0.265
0.480				
P5Q3CG	WITH P5Q3AA	17.483	-0.167	-0.167
-0.363				
P5Q3CG	WITH P5Q3U	13.976	-0.150	-0.150
-0.312				
P5Q3CG	WITH P5Q3V	19.328	-0.197	-0.197
-0.408				
P5Q3CG	WITH P5Q3CF	29.984	0.174	0.174
0.339				
P5Q3CH	WITH INCBCL	1375.824	0.654	0.654
0.827				
P5Q3CH	WITH P5Q3M	91.118	0.461	0.461
0.679				
P5Q3CH	WITH P5Q3AB	39.405	0.298	0.298
0.421				
P5Q3CH	WITH P5Q3AD	44.530	0.367	0.367
0.583				
P5Q3CH	WITH P5Q3AF	83.678	0.476	0.476
0.814				
P5Q3CH	WITH P5Q3AH	106.560	0.571	0.571
1.135				
P5Q3CH	WITH P5Q3AR	42.270	0.380	0.380
0.597				
P5Q3CH	WITH P5Q3AV	111.822	0.523	0.523
0.950				
P5Q3CH	WITH P5Q3AX	87.569	0.536	0.536
1.064				
P5Q3CH	WITH P5Q3BQ	83.849	0.412	0.412
0.629				
P5Q3CH	WITH P5Q3CK	47.685	0.520	0.520
1.021				
P5Q3CH	WITH P5Q3DB	69.979	0.393	0.393
0.602				
P5Q3CH	WITH P5Q3E	26.697	0.296	0.296
0.414				
P5Q3CH	WITH P5Q3A0	36.477	0.330	0.330
0.511				
P5Q3CH	WITH P5Q3BK	67.743	0.447	0.447
0.712				
P5Q3CH	WITH P5Q3B0	52.822	0.375	0.375
0.569				
P5Q3CH	WITH P5Q3CU	61.297	0.452	0.452
0.740				
P5Q3CH	WITH P5Q3DA	62.774	0.450	0.450
0.795				
P5Q3CH	WITH P5Q3AS	51.982	0.367	0.367
0.551				
P5Q3CH	WITH P5Q3AU	25.789	0.322	0.322

0.484				
P5Q3CH	WITH P5Q3AZ	61.829	0.469	0.469
0.877				
P5Q3CH	WITH P5Q3BB1	47.620	0.406	0.406
0.706				
P5Q3CH	WITH P5Q3BB2	35.180	0.320	0.320
0.487				
P5Q3CH	WITH P5Q3BB5	13.832	0.218	0.218
0.307				
P5Q3CH	WITH P5Q3BB6	37.883	0.342	0.342
0.608				
P5Q3CH	WITH P5Q3BB7	18.195	0.301	0.301
0.499				
P5Q3CH	WITH P5Q3V	12.622	-0.189	-0.189
-0.359				
P5Q3CH	WITH P5Q3CF	12.645	0.147	0.147
0.262				
P5Q3CH	WITH P5Q3CG	29.137	0.217	0.217
0.377				
P5Q3CI	WITH INCBCL	1041.094	0.625	0.625
0.753				
P5Q3CI	WITH P5Q3M	32.455	0.332	0.332
0.467				
P5Q3CI	WITH P5Q3AB	38.936	0.331	0.331
0.446				
P5Q3CI	WITH P5Q3AD	60.975	0.439	0.439
0.664				
P5Q3CI	WITH P5Q3AF	38.300	0.378	0.378
0.617				
P5Q3CI	WITH P5Q3AH	38.856	0.433	0.433
0.820				
P5Q3CI	WITH P5Q3AR	44.533	0.408	0.408
0.610				
P5Q3CI	WITH P5Q3AV	75.454	0.479	0.479
0.830				
P5Q3CI	WITH P5Q3AX	63.121	0.506	0.506
0.957				
P5Q3CI	WITH P5Q3BQ	64.956	0.404	0.404
0.589				
P5Q3CI	WITH P5Q3CK	32.573	0.471	0.471
0.881				
P5Q3CI	WITH P5Q3DB	33.408	0.312	0.312
0.455				
P5Q3CI	WITH P5Q3E	32.192	0.342	0.342
0.455				
P5Q3CI	WITH P5Q3A0	47.592	0.392	0.392
0.580				
P5Q3CI	WITH P5Q3BK	58.054	0.443	0.443
0.674				
P5Q3CI	WITH P5Q3B0	66.488	0.429	0.429

0.621				
P5Q3CI	WITH P5Q3CU	67.380	0.484	0.484
0.756				
P5Q3CI	WITH P5Q3DA	58.610	0.457	0.457
0.769				
P5Q3CI	WITH P5Q3AS	32.594	0.317	0.317
0.454				
P5Q3CI	WITH P5Q3AU	27.461	0.354	0.354
0.506				
P5Q3CI	WITH P5Q3AZ	49.355	0.452	0.452
0.807				
P5Q3CI	WITH P5Q3BB1	27.196	0.347	0.347
0.575				
P5Q3CI	WITH P5Q3BB2	19.995	0.268	0.268
0.390				
P5Q3CI	WITH P5Q3BB5	16.471	0.253	0.253
0.339				
P5Q3CI	WITH P5Q3BB6	25.613	0.314	0.314
0.531				
P5Q3CI	WITH P5Q3BB7	28.478	0.382	0.382
0.605				
P5Q3CI	WITH P5Q3AA	11.964	-0.186	-0.186
-0.353				
P5Q3CI	WITH P5Q3V	11.116	-0.194	-0.194
-0.350				
P5Q3CI	WITH P5Q3CG	12.037	0.163	0.163
0.271				
P5Q3CI	WITH P5Q3CH	18.379	0.222	0.222
0.337				
P5Q3CN	WITH INCBCL	611.305	0.454	0.454
0.599				
P5Q3CN	WITH P5Q3M	38.238	0.320	0.320
0.492				
P5Q3CN	WITH P5Q3AB	12.035	0.165	0.165
0.244				
P5Q3CN	WITH P5Q3AD	27.927	0.285	0.285
0.472				
P5Q3CN	WITH P5Q3AF	28.214	0.298	0.298
0.533				
P5Q3CN	WITH P5Q3AH	30.868	0.361	0.361
0.748				
P5Q3CN	WITH P5Q3AR	29.942	0.324	0.324
0.532				
P5Q3CN	WITH P5Q3AV	24.144	0.283	0.283
0.537				
P5Q3CN	WITH P5Q3AX	35.410	0.368	0.368
0.762				
P5Q3CN	WITH P5Q3BQ	37.435	0.282	0.282
0.450				
P5Q3CN	WITH P5Q3CK	25.895	0.400	0.400

0.820				
P5Q3CN	WITH P5Q3DB	35.165	0.283	0.283
0.453				
P5Q3CN	WITH P5Q3E	16.710	0.232	0.232
0.339				
P5Q3CN	WITH P5Q3A0	27.328	0.283	0.283
0.459				
P5Q3CN	WITH P5Q3BK	24.575	0.289	0.289
0.482				
P5Q3CN	WITH P5Q3B0	37.082	0.305	0.305
0.483				
P5Q3CN	WITH P5Q3CU	18.699	0.270	0.270
0.463				
P5Q3CN	WITH P5Q3DA	46.746	0.385	0.385
0.709				
P5Q3CN	WITH P5Q3AS	27.124	0.259	0.259
0.406				
P5Q3CN	WITH P5Q3AU	14.963	0.245	0.245
0.385				
P5Q3CN	WITH P5Q3AZ	20.651	0.299	0.299
0.585				
P5Q3CN	WITH P5Q3BB1	16.738	0.257	0.257
0.468				
P5Q3CN	WITH P5Q3BB2	17.523	0.224	0.224
0.356				
P5Q3CN	WITH P5Q3BB5	12.346	0.197	0.197
0.289				
P5Q3CN	WITH P5Q3BB6	18.538	0.246	0.246
0.456				
P5Q3CN	WITH P5Q3BB7	14.685	0.274	0.274
0.474				
P5Q3C0	WITH INCBCL	908.664	0.493	0.493
0.770				
P5Q3C0	WITH P5Q3M	90.086	0.405	0.405
0.737				
P5Q3C0	WITH P5Q3AB	23.690	0.207	0.207
0.362				
P5Q3C0	WITH P5Q3AD	19.100	0.220	0.220
0.431				
P5Q3C0	WITH P5Q3AF	92.835	0.448	0.448
0.948				
P5Q3C0	WITH P5Q3AH	71.253	0.475	0.475
1.165				
P5Q3C0	WITH P5Q3AR	37.022	0.320	0.320
0.620				
P5Q3C0	WITH P5Q3AV	62.132	0.379	0.379
0.852				
P5Q3C0	WITH P5Q3AX	29.544	0.333	0.333
0.815				
P5Q3C0	WITH P5Q3BQ	80.890	0.347	0.347

0.656				
P5Q3C0	WITH P5Q3CK	61.657	0.520	0.520
1.261				
P5Q3C0	WITH P5Q3DB	43.108	0.277	0.277
0.524				
P5Q3C0	WITH P5Q3E	13.556	0.187	0.187
0.324				
P5Q3C0	WITH P5Q3A0	25.730	0.250	0.250
0.479				
P5Q3C0	WITH P5Q3BK	33.867	0.313	0.313
0.616				
P5Q3C0	WITH P5Q3B0	45.381	0.304	0.304
0.569				
P5Q3C0	WITH P5Q3CU	27.759	0.295	0.295
0.597				
P5Q3C0	WITH P5Q3DA	46.895	0.355	0.355
0.774				
P5Q3C0	WITH P5Q3AS	35.793	0.269	0.269
0.499				
P5Q3C0	WITH P5Q3AU	19.167	0.256	0.256
0.474				
P5Q3C0	WITH P5Q3AZ	21.123	0.283	0.283
0.655				
P5Q3C0	WITH P5Q3BB1	25.301	0.280	0.280
0.602				
P5Q3C0	WITH P5Q3BB2	16.938	0.201	0.201
0.378				
P5Q3C0	WITH P5Q3BB6	32.404	0.287	0.287
0.631				
P5Q3C0	WITH P5Q3BB7	10.494	0.219	0.219
0.449				
P5Q3C0	WITH P5Q3BN	15.171	0.135	0.135
0.289				
P5Q3C0	WITH P5Q3CF	17.698	0.131	0.131
0.289				
P5Q3CQ	WITH INCBCL	732.794	0.613	0.613
1.165				
P5Q3CQ	WITH P5Q3M	29.835	0.375	0.375
0.832				
P5Q3CQ	WITH P5Q3AB	20.801	0.287	0.287
0.610				
P5Q3CQ	WITH P5Q3AD	41.604	0.429	0.429
1.024				
P5Q3CQ	WITH P5Q3AF	54.538	0.487	0.487
1.254				
P5Q3CQ	WITH P5Q3AH	62.915	0.563	0.563
1.682				
P5Q3CQ	WITH P5Q3AR	29.154	0.393	0.393
0.927				
P5Q3CQ	WITH P5Q3AV	28.718	0.384	0.384

1.050				
P5Q3CQ	WITH P5Q3AX	47.594	0.504	0.504
1.503				
P5Q3CQ	WITH P5Q3BQ	24.284	0.300	0.300
0.689				
P5Q3CQ	WITH P5Q3CK	68.832	0.651	0.651
1.924				
P5Q3CQ	WITH P5Q3DB	26.402	0.333	0.333
0.768				
P5Q3CQ	WITH P5Q3E	18.235	0.332	0.332
0.698				
P5Q3CQ	WITH P5Q3A0	18.512	0.311	0.311
0.725				
P5Q3CQ	WITH P5Q3BK	37.170	0.433	0.433
1.040				
P5Q3CQ	WITH P5Q3B0	43.240	0.405	0.405
0.924				
P5Q3CQ	WITH P5Q3CU	32.398	0.427	0.427
1.054				
P5Q3CQ	WITH P5Q3DA	38.551	0.434	0.434
1.154				
P5Q3CQ	WITH P5Q3AS	26.799	0.324	0.324
0.731				
P5Q3CQ	WITH P5Q3AU	13.385	0.308	0.308
0.695				
P5Q3CQ	WITH P5Q3AZ	35.366	0.447	0.447
1.257				
P5Q3CQ	WITH P5Q3BB1	14.648	0.286	0.286
0.750				
P5Q3CQ	WITH P5Q3BB2	12.807	0.247	0.247
0.567				
P5Q3CQ	WITH P5Q3BB6	21.820	0.342	0.342
0.915				
P5Q3CQ	WITH P5Q3BB7	18.469	0.354	0.354
0.882				
P5Q3CW	WITH INCBCL	723.209	0.473	0.473
0.605				
P5Q3CW	WITH P5Q3M	41.650	0.314	0.314
0.468				
P5Q3CW	WITH P5Q3AB	21.867	0.212	0.212
0.303				
P5Q3CW	WITH P5Q3AD	27.671	0.277	0.277
0.445				
P5Q3CW	WITH P5Q3AF	36.417	0.327	0.327
0.566				
P5Q3CW	WITH P5Q3AH	43.485	0.402	0.402
0.807				
P5Q3CW	WITH P5Q3AR	47.266	0.368	0.368
0.584				
P5Q3CW	WITH P5Q3AV	45.780	0.357	0.357

0.656				
P5Q3CW	WITH P5Q3AX	35.952	0.383	0.383
0.768				
P5Q3CW	WITH P5Q3BQ	43.982	0.288	0.288
0.445				
P5Q3CW	WITH P5Q3CK	28.566	0.442	0.442
0.877				
P5Q3CW	WITH P5Q3DB	33.500	0.266	0.266
0.411				
P5Q3CW	WITH P5Q3E	16.018	0.217	0.217
0.307				
P5Q3CW	WITH P5Q3A0	25.042	0.262	0.262
0.411				
P5Q3CW	WITH P5Q3BK	19.978	0.258	0.258
0.415				
P5Q3CW	WITH P5Q3B0	30.021	0.267	0.267
0.410				
P5Q3CW	WITH P5Q3CU	43.783	0.371	0.371
0.615				
P5Q3CW	WITH P5Q3DA	29.829	0.308	0.308
0.549				
P5Q3CW	WITH P5Q3AS	35.077	0.281	0.281
0.427				
P5Q3CW	WITH P5Q3AU	18.066	0.269	0.269
0.408				
P5Q3CW	WITH P5Q3AZ	54.571	0.435	0.435
0.822				
P5Q3CW	WITH P5Q3BB1	18.692	0.264	0.264
0.465				
P5Q3CW	WITH P5Q3BB2	17.343	0.215	0.215
0.332				
P5Q3CW	WITH P5Q3BB5	14.757	0.215	0.215
0.305				
P5Q3CW	WITH P5Q3BB6	28.266	0.287	0.287
0.516				
P5Q3CW	WITH P5Q3BB7	13.200	0.250	0.250
0.419				
P5Q3CW	WITH P5Q3BN	12.063	0.141	0.141
0.247				

Beginning Time: 15:58:37
 Ending Time: 00:11:27
 Elapsed Time: 08:12:50

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