

643 **Figure S1** Related to Figure 1. (A) Targeting strategy for introducing the mKO2 reporter at the
644 *Hoxb5* locus (*Hoxb5* mKO2). (B) Representative flow cytometry gating of BM cells to isolate LK,
645 LSK, HSC, MPP, HPC-1 and HPC-2 populations. (C) Representative histograms from WT and
646 *Hoxb5* mKO2 mice showing mKO2 expression in CD150⁻ and CD150⁺ fractions. (D) *Hoxb5*

647 expression for cell types gated in B is shown by bar graph with mean % of Hoxb5⁺ cells \pm SEM,
648 and representative contour plots with outliers. mKO2⁺ cells were measured after comparison to
649 wild-type control mice (top row), used as fluorescence minus one (FMO) and for logical exclusion
650 of autofluorescence. Results are from 15 Hoxb5 mKO2 mice at 8-12 weeks old. (E) Percentage of
651 CD45.2⁺ cells in the BM HSC compartment of primary recipient mice 16 weeks after
652 transplantation of Hoxb5⁺ or Hoxb5⁻ HSCs, see also Figure E1B-C * $P \leq 0.05$, unpaired, two-tailed
653 Student's t-test. (F) Representative flow cytometry gates used for isolation of HSPC
654 subpopulations and Tom⁺ cells from mouse BM. Tom labelling (red) is shown in each population
655 compared to control cells (blue). FACS plots correspond to mouse analysed 3 months after label
656 induction. Relevant to Figure 1B-E. (G) Fractions of Tom⁺ cells in the HSPC populations at each
657 analysed time point. All data represent mean \pm SEM; * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$ and **** P
658 < 0.0001 (one-way ANOVA with post hoc Tukey's multiple comparisons test against all groups).
659 (H) Fractions of Tom⁺ cells in the BM, thymus, spleen and lymph nodes analyzed at the indicated
660 time-points after label induction. Shown as mean with error bars denoting SEM of 4-32 animals.

661 **Figure S2** Related to Figure 2. (A) UMAP projection of the integrated HSPC scRNA-Seq
662 landscape (all Tom⁺ and Tom⁻ combined) with log-normalized expression for chosen marker genes
663 in red. (B) Projection from A with inferred cell cycle phases. (C) Projection from A showing the
664 HSC-score, metric correlated with the highest HSC repopulation potential. (D) Projection from A
665 showing inferred diffusion pseudotime values for each cell. (E) Projection from A color-coded by
666 scRNA-Seq technology used, SS2 - Smart-Seq2, 10x - 10x Genomics 3' Kit. (F) UMAP projection
667 of the integrated scRNA-Seq landscape (all Tom⁺ and Tom⁻ cells combined) prior to filtering out
668 outlier/aberrant clusters with color-coded cluster information. After filtering cluster were
669 renumbered in consecutive order. (G) Projection from F with color-coded manual annotation.

670 Abbreviations: B prog - B cell progenitor, Bas - basophils, Bas/MC prog - Basophil and Mast Cell
671 progenitors, DC prog - dendritic cell progenitors, Eos - eosinophils, Ery prog - erythroid
672 progenitors, HSC - hematopoietic stem cells, Hi-Mito - cluster characterized by high mitochondrial
673 gene expression (potentially dying cells), ILC - innate lymphoid cells, Ifn-act prog - progenitors
674 with strongly activated Interferon signature, Int prog - intermediate progenitors, Ly prog -
675 lymphoid progenitors, Meg prog - megakaryocyte progenitors, Mono/DC prog - monocyte and

676 dendritic cells progenitors, Myo C1 - myeloid cells with high expression of complement genes,
677 Neu prog - neutrophil progenitors, pDC - plasmacytoid dendritic cells

678 **Figure S3** Related to Figure 2. (A) UMAP projection of the integrated HSPC landscape (grey)
679 with embedded immunophenotypic sub-populations (blue) from Nestorowa et al.⁷ (B) Fraction of
680 cells in each immunophenotypic population from A assigned to the HSPC landscape clusters. (C)
681 UMAP projection of the integrated HSPC landscape (grey) with embedded cells from Weinreb et
682 al.¹¹ split by their progeny fate.

683 **Figure S4** Related to Figure 2. (A) Projection from A comparing the relative abundance between
684 labelled and unlabelled cells within each time-point. Each cluster is color-coded according to its
685 log₂-transformed ratio between Tom⁺ and Tom⁻ cell numbers (average of all replicates per time-
686 point). Red indicates enrichment, white the expected value and blue depletion. For reference the
687 cluster boundaries are visualized in the bottom right panel. (B) UMAP projection of the integrated
688 scRNA-Seq landscape (all Tom⁺ and Tom⁻ combined) in grey with Tom⁻ cells harvested at 269
689 days in blue.

690 **Figure S5** Related to Figure 3. (A) Best discrete model fit (with 95% confidence intervals) for
691 number of Tom⁺ cells in cluster 0. (B) Best discrete model fit (with 95% confidence intervals) for
692 cluster 0 size. (C) Best discrete model fit for sub-cluster sizes within cluster 0. Error bars indicate
693 pooled standard error of the mean. (D) Total number of cells per mouse in the indicated populations
694 normalized to the first time-point. Based on flow cytometry data from Barile et al.²². Error bars
695 indicate pooled standard error of the mean. (E) UMAP projection of the isolated cluster 0 from the
696 HSPC landscape, colour-coded by subclusters. (F) Violin plots of HSCscore or Procr/Ly6a
697 expression grouped per subcluster from E. (G) Relative observed size of subclusters from E
698 compared with the model best fit and bounds for cluster 0a. (H,I) Observed labelling frequency in
699 subclusters from E: 8 -with highest HSC-score and HSC marker expression and 12 – with
700 intermediate HSC-score but highest Ly6a expression. Data compared with the best fit and bounds
701 for cluster 0a from the HSPC discrete dynamics model.

702 **Figure S6** Related to Figure 3. (A) UMAP projection of the integrated landscape color-coded by
703 log-normalized expression of indicated JAK/STAT target genes⁷². (B,C) Relative cluster size
704 (normalized to cluster 0, based on Tom⁻ cells) with the best fit for the main model (only one phase)

705 and bi-phasic model, which permits a change in proliferation and differentiation rates after day 27.
706 Error bars indicate pooled standard error of the mean. (D) Proliferation rates per cluster for each
707 phase of the bi-phasic model. Phase I includes the first four time-points and phase II the remaining
708 ones. Error bars indicate 95% confidence interval. (E) Differentiation rates per transition for each
709 phase of the bi-phasic model. Phase I includes the first four time-points and phase II the remaining
710 ones. Error bars indicate 95% confidence interval. (F) Graph abstraction view of the dynamics
711 model. Size of the nodes is proportional to square roots of relative cluster size, node color is
712 proportional to net proliferation rate, arrows indicate differentiation directions, arrow thickness is
713 proportional to cell differentiation rate (log-scale). (G) Scatter plot showing relation of cluster
714 connectivity (estimated by PAGA) to differentiation rates. Only clusters 0-12 and differentiation
715 rates greater than 10^{-12} are shown. Please note that in the case of the transitions between clusters 4
716 and 8 two differentiation rates are plotted (each direction). Blue line indicates linear model fit with
717 shaded 95% confidence interval. (H) Related to Figure 3F, the average time required for a single
718 cell to accumulate in the corresponding cluster when initiated in cluster 0 (journey time).

719 **Figure S7** Related to Figure 5. (A) HSPC dynamics discrete model prediction of labelled cells
720 relative to cluster 0 based on the initial labelling from the Pdzk1ip1-Tom *in vivo* mouse model
721 data⁴³. Please note that this dataset contains a limited number of cells, in particular clusters 14, 17,
722 18, 19 contain less than 10 cells across all time-points. (B) Predicted relative cluster size (red line
723 with 95% confidence interval) based on day 3 data from Dong et al.⁴⁴. Observed data shown in
724 blue (please note that this dataset contains a limited number of cells). Error bars indicate
725 propagated standard error of the mean.

726 **Supplementary tables legends**

727 **Table S1. Details of the manual annotation of the integrated HSPC landscape.** Table contains
728 the manual annotation for each cluster, indication whether the cluster was filtered out and lists of
729 key marker genes used in the annotation process.

730 **Table S2. Discrete model input data.** Tables of observed cell numbers per cluster for Tom⁺ and
731 Tom⁻ populations with the following columns: biosample_id - a unique sample and mouse
732 identifier, cluster numbers, total_cells_flow - total number of cells captured in the Lin⁻, (Sca1 OR

733 cKit)⁺ flow cytometry gates, total_cells_sc - total number of cells observed in single-cell data,
734 total_cells_sc_filtered - total number of cells observed in single-cell data for filtered clusters,
735 time_days - timepoint.

736 **Table S3. Discrete model parameters.** Tables containing estimates for the main discrete model
737 and bi-phasic model parameters. Transition column indicates the direction of specific
738 differentiation rates between clusters, start/stop columns indicate pre-defined maximum/minimum
739 values for the parameter, upper and lower bounds correspond to 95% intervals.

740 **Table S4. Continuous model parameters.** Tables containing continuous model parameter
741 estimates per cell, cellid correspond to unique cell identifier matching the deposited scRNA-Seq
742 data.

743 **Table S5. Dynamically expressed genes per trajectory.** Tables containing differential
744 expression statistics for genes with dynamic expression around the pseudotime ranges indicated in
745 Figures 4 and E9,E10 corresponding to changes in differentiation rates or net proliferation rates.
746 logFC - log₂(Fold Change) within the indicated range.

747 **Table S6. Number of cells from the Upadhaya et al.⁴³ data.** Observed in each cluster of the
748 HSPC model present in this work.

749 **Table S7. Oligonucleotide sequences.** Table containing DNA sequences of the oligonucleotides
750 used in this work.

751

752 **STAR Methods**

753 **Lead contact**

754 Further information and requests for resources and reagents should be directed to and will be
755 fulfilled by the lead contact, Berthold Göttgens (bg200@cam.ac.uk)

756 **Materials availability**

757 Plasmids and mouse lines generated in this work are available upon request.

cellid	dpt_pseudot	dpt_pseudot	diffusion
9mo_SIGAE3_AAACGAACAATAGAGT-1-10x	0.0239746	0.03528244	3.91E-05
9mo_SIGAE3_AAACGAAGTAACAGGC-1-10x	0.0821011	0.24224426	0.0031253
9mo_SIGAE3_AAACGCTAGCGTTCAT-1-10x	0.27788842	0.9393531	0.00075239
9mo_SIGAE3_AAAGAACGTAGAGACC-1-10x	0.01826756	0.01496231	3.44E-05
9mo_SIGAE3_AAAGAACTCCTACTGC-1-10x	0.26575866	0.89616466	0.00075974
9mo_SIGAE3_AAAGAACTCTAAACGC-1-10x	0.15297356	0.4945886	0.0018617
9mo_SIGAE3_AAAGGATAGCGTGTCC-1-10x	0.03415044	0.07151394	5.17E-05
9mo_SIGAE3_AAAGGATCAATAGTAG-1-10x	0.04891016	0.12406655	0.00012523
9mo_SIGAE3_AAAGTCCCAATTGAAG-1-10x	0.27094117	0.9146172	0.00075418
9mo_SIGAE3_AAAGTCCCAGGTTCGC-1-10x	0.1664618	0.542614	0.0017206
9mo_SIGAE3_AAAGTGAGTACCCGCA-1-10x	0.016837	0.00986872	3.38E-05
9mo_SIGAE3_AAATGGAAGATTTGCC-1-10x	0.21674351	0.72164416	0.0010475
9mo_SIGAE3_AAATGGATCGACATCA-1-10x	0.09087863	0.27349702	0.0043535
9mo_SIGAE3_AAATGGATCGTGCATA-1-10x	0.27341676	0.9234316	0.0007526
9mo_SIGAE3_AACAAAGCAAAGCGTG-1-10x	0.08116487	0.23891076	0.0029431
9mo_SIGAE3_AACAAAGCAGAGCGTA-1-10x	0.25593346	0.8611816	0.00078825
9mo_SIGAE3_AACAACCGTACGAAAT-1-10x	0.2751247	0.9295128	0.00075218
9mo_SIGAE3_AACAACCGTATGGTTC-1-10x	0.11520898	0.36012623	0.002594
9mo_SIGAE3_AACAAGATCGATTCCC-1-10x	0.16655847	0.54295826	0.0017206
9mo_SIGAE3_AACACACCACATCCCT-1-10x	0.04881964	0.12374426	0.00012523
9mo_SIGAE3_AACACACCACTACTTT-1-10x	0.25031078	0.8411618	0.00080923
9mo_SIGAE3_AACACACGTCCGTACG-1-10x	0.23758152	0.7958388	0.00088935
9mo_SIGAE3_AACACACGTTCCTACT-1-10x	0.29303214	0.99327296	0.00076488
9mo_SIGAE3_AACACACTCGAGAGAC-1-10x	0.04374395	0.10567204	8.81E-05
9mo_SIGAE3_AACAGGGTCTATCACT-1-10x	0.27348813	0.9236857	0.0007526
9mo_SIGAE3_AACCAACGTAGACGTG-1-10x	0.29151526	0.98787206	0.00076269
9mo_SIGAE3_AACCAACTCAACACGT-1-10x	0.11977831	0.37639555	0.0022788
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9mo_SIGAE3_AAGACTCGTACACGTT-1-10x	0.0460271	0.11380129	0.00010046
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9mo_SIGAE3_AAGCCATTCTTGGGCG-1-10x	0.1652584	0.53832924	0.0017353
9mo_SIGAE3_AAGCGAGAGCCTCAGC-1-10x	0.09647993	0.2934407	0.0043435
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9mo_SIGAE3_AAGCGAGCATCTAGAC-1-10x	0.2013659	0.6668915	0.0011888
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9mo_SIGAE3_ACATCCCTCCGAGTGC-1-10x	0.03010229	0.05710033	4.55E-05
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9mo_SIGAE3_ACCAACACAAGGTCGA-1-10x	0.02151983	0.02654213	3.69E-05
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9mo_SIGAE3_ACCATTTCACTCAGAT-1-10x	0.11682124	0.36586678	0.0025211
9mo_SIGAE3_ACCATTTTCAGCTAGT-1-10x	0.09718362	0.2959462	0.0043435
9mo_SIGAE3_ACCCAAAGGAACGCT-1-10x	0.19916525	0.659056	0.0012085
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9mo_SIGAE3_ACCCTCACATACTGTG-1-10x	0.07493847	0.21674143	0.001885

9mo_SIGAE3_ACCCTCAGTTAATGAG-1-10x	0.04539672	0.11155678	9.39E-05
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9mo_SIGAE3_ACCGTTCGTGGCCACT-1-10x	0.26215085	0.8833189	0.00076727
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9mo_SIGAE3_ACCTGAAGTCACAGTT-1-10x	0.06774544	0.19113036	0.00088537
9mo_SIGAE3_ACCTGAAGTTTGAAAG-1-10x	0.09160303	0.27607626	0.0043903
9mo_SIGAE3_ACCTGTCCAAGAGAGA-1-10x	0.07815205	0.2281835	0.0023954
9mo_SIGAE3_ACCTGTCCAGACTGCC-1-10x	0.25848278	0.87025857	0.000778
9mo_SIGAE3_ACGATCACAACATCGT-1-10x	0.19614893	0.64831626	0.00124
9mo_SIGAE3_ACGATCACAGCGTGCT-1-10x	0.11457418	0.35786602	0.0026715
9mo_SIGAE3_ACGATCATCAAAGCCT-1-10x	0.02846934	0.05128615	4.30E-05
9mo_SIGAE3_ACGATGTCACTACCGG-1-10x	0.02965669	0.05551375	4.55E-05
9mo_SIGAE3_ACGATGTTCTCTGACC-1-10x	0.03461601	0.07317164	5.37E-05
9mo_SIGAE3_ACGCACGCATCGCTGG-1-10x	0.07738633	0.22545713	0.0022191
9mo_SIGAE3_ACGCACGGTCCACATA-1-10x	0.05593397	0.14907512	0.000257
9mo_SIGAE3_ACGCACGTCTCGTCTG-1-10x	0.08785858	0.262744	0.0041422
9mo_SIGAE3_ACGCACGTCTCGTCTG-1-10x	0.09200046	0.27749133	0.0043903
9mo_SIGAE3_ACGGAAGCAGAGGGTT-1-10x	0.02395062	0.03519707	3.91E-05
9mo_SIGAE3_ACGGAAGCATGAAGCG-1-10x	0.04192773	0.09920532	7.82E-05
9mo_SIGAE3_ACGGAAGGTCGTACTA-1-10x	0.09748132	0.29700616	0.0042943
9mo_SIGAE3_ACGGGTCAGAAATTCG-1-10x	0.04791271	0.12051509	0.00011598
9mo_SIGAE3_ACGGGTCAGAATCCCT-1-10x	0.1126428	0.35098925	0.0028393
9mo_SIGAE3_ACGGGTCGTTCATCCC-1-10x	0.17461094	0.5716294	0.0015753
9mo_SIGAE3_ACGGGTCGTCTCTCTG-1-10x	0.0568326	0.15227474	0.00028394
9mo_SIGAE3_ACGGGTCGTGCAAGAC-1-10x	0.22354856	0.7458738	0.00099599
9mo_SIGAE3_ACGGTTCGCACCTTCGT-1-10x	0.24095215	0.80784	0.00086374
9mo_SIGAE3_ACGGTTCGCATCGCCTT-1-10x	0.08990166	0.27001846	0.0042999
9mo_SIGAE3_ACGGTTCGGTGCATGTT-1-10x	0.05071135	0.13047975	0.00014746
9mo_SIGAE3_ACGGTTAGTGAACCGA-1-10x	0.12486482	0.39450625	0.0020803
9mo_SIGAE3_ACGGTTATCAGCAGAG-1-10x	0.04073499	0.09495851	7.01E-05
9mo_SIGAE3_ACGTAACAGCAGGCTA-1-10x	0.04859071	0.12292914	0.00012523
9mo_SIGAE3_ACGTACACATGGGAAC-1-10x	0.0779438	0.22744203	0.0023954
9mo_SIGAE3_ACGTAGTGTATCTCGA-1-10x	0.20084131	0.6650237	0.0011888
9mo_SIGAE3_ACGTCCTAGCACCGAA-1-10x	0.05441306	0.14365984	0.00021164
9mo_SIGAE3_ACGTCCTAGCCTCAAT-1-10x	0.08164526	0.24062122	0.0031253
9mo_SIGAE3_ACTACGAAGGGTACAC-1-10x	0.05376883	0.14136605	0.00019264
9mo_SIGAE3_ACTACGATCCGTCTTA-1-10x	0.27864257	0.9420383	0.00075266
9mo_SIGAE3_ACTATCTTCTGGGTCG-1-10x	0.03259799	0.06598638	5.00E-05

9mo_SIGAE3_ACTATGGAGCGAGTCA-1-10x	0.07475489	0.2160878	0.001885
9mo_SIGAE3_ACTATGGGTTACCCAA-1-10x	0.10609249	0.3276666	0.00352
9mo_SIGAE3_ACTATGGTCAGTCACA-1-10x	0.15278079	0.49390224	0.0018617
9mo_SIGAE3_ACTATTCAGACGGAAA-1-10x	0.0505148	0.12977995	0.00014746
9mo_SIGAE3_ACTCCCAGTAGAGTTA-1-10x	0.06370167	0.17673233	0.00058553
9mo_SIGAE3_ACTCTCGTCTAGACAC-1-10x	0.27258417	0.92046714	0.000753
9mo_SIGAE3_ACTGATGAGGCTGGAT-1-10x	0.02971187	0.05571024	4.55E-05
9mo_SIGAE3_ACTGATGGTTCGCTTAA-1-10x	0.10151848	0.31138062	0.0040036
9mo_SIGAE3_ACTGATGGTTCATCTT-1-10x	0.04678034	0.11648325	0.00010777
9mo_SIGAE3_ACTGATGTCACITTTGT-1-10x	0.23871599	0.79987806	0.00088278
9mo_SIGAE3_ACTGCAACACTTGAAC-1-10x	0.08725675	0.26060116	0.0040384
9mo_SIGAE3_ACTGTCCGTCAACCTA-1-10x	0.08483608	0.25198227	0.0036353
9mo_SIGAE3_ACTGTCCTCACTGTCC-1-10x	0.05287924	0.13819861	0.00017575
9mo_SIGAE3_ACTGTCCTCCGATGTA-1-10x	0.15018277	0.4846519	0.0018694
9mo_SIGAE3_ACTGTGACAAGAGGCT-1-10x	0.04626503	0.11464843	0.00010046
9mo_SIGAE3_ACTTAGGAGACGGTTG-1-10x	0.0189582	0.01742135	3.49E-05
9mo_SIGAE3_ACTTAGGCATAATCCG-1-10x	0.17989613	0.5904475	0.001475
9mo_SIGAE3_ACTTATCGTACAGTCT-1-10x	0.2572382	0.8658272	0.00078121
9mo_SIGAE3_ACTTTCGCGTACGAAAT-1-10x	0.08394279	0.24880166	0.0034742
9mo_SIGAE3_ACTTTTCAGTGAATTAG-1-10x	0.22786568	0.7612451	0.00095947
9mo_SIGAE3_ACTTTTCAGTTTGTGG-1-10x	0.05142565	0.13302307	0.00016076
9mo_SIGAE3_ACTTTTGCATGCAGCC-1-10x	0.06512009	0.18178266	0.00064991
9mo_SIGAE3_AGAAATGAGCTGAGCA-1-10x	0.03540606	0.07598465	5.58E-05
9mo_SIGAE3_AGAAATGCAATCTGCA-1-10x	0.22085361	0.73627836	0.0010179
9mo_SIGAE3_AGAAATGGTGGTAACG-1-10x	0.27066132	0.91362077	0.00075418
9mo_SIGAE3_AGAACCTAGTGCGACA-1-10x	0.05578822	0.14855619	0.000233
9mo_SIGAE3_AGAAGCGCACTAACCA-1-10x	0.03142917	0.06182475	4.68E-05
9mo_SIGAE3_AGAAGCGGTTAAGCAA-1-10x	0.0592898	0.1610237	0.00034795
9mo_SIGAE3_AGAAGTAGTCGTCATA-1-10x	0.24643485	0.8273614	0.00083459
9mo_SIGAE3_AGAAGTAGTTTCACTT-1-10x	0.08921944	0.26758942	0.0042295
9mo_SIGAE3_AGAAGTATCGGAACTT-1-10x	0.04061551	0.09453309	7.01E-05
9mo_SIGAE3_AGACAAACAGGTGTGA-1-10x	0.24399911	0.8186888	0.00084583
9mo_SIGAE3_AGACAGGTCGATTCCC-1-10x	0.16207702	0.52700186	0.001776
9mo_SIGAE3_AGACTCACATGGAATA-1-10x	0.05052109	0.12980233	0.00014746
9mo_SIGAE3_AGACTCATCGGTAAGG-1-10x	0.23876241	0.80004334	0.00088278
9mo_SIGAE3_AGAGAATCACAAAGCCC-1-10x	0.08832461	0.26440334	0.0041422
9mo_SIGAE3_AGAGAATGTACGATCT-1-10x	0.08307459	0.24571042	0.0033032
9mo_SIGAE3_AGAGAGCCAAGAGCTG-1-10x	0.09045087	0.27197397	0.0042999
9mo_SIGAE3_AGAGAGCTCACATACG-1-10x	0.01659171	0.00899534	3.38E-05
9mo_SIGAE3_AGAGCAGTCATACAGC-1-10x	0.0776084	0.22624782	0.0023954
9mo_SIGAE3_AGAGCAGTCTGCACCT-1-10x	0.07844328	0.22922045	0.002576

9mo_SIGAE3_AGAGCCCGTCCAAAGG-1-10x	0.0394779	0.09048258	6.67E-05
9mo_SIGAE3_AGAGCCCTCTGGAAGG-1-10x	0.0484746	0.12251571	0.00012523
9mo_SIGAE3_AGATCCATCTTCTGTA-1-10x	0.17047626	0.55690765	0.0016421
9mo_SIGAE3_AGATCGTGTGCGAAAC-1-10x	0.07365561	0.21217375	0.0015819
9mo_SIGAE3_AGATGAAAGAGACAAG-1-10x	0.04724655	0.11814318	0.00010777
9mo_SIGAE3_AGATGAAGTATGGGAC-1-10x	0.04010642	0.09272046	7.01E-05
9mo_SIGAE3_AGATGAAGTGCCTACG-1-10x	0.07533167	0.21814142	0.001885
9mo_SIGAE3_AGATGAATCTCGCTTG-1-10x	0.22139397	0.73820233	0.0010106
9mo_SIGAE3_AGCATCAAGTTTCGAC-1-10x	0.08597919	0.25605237	0.0039187
9mo_SIGAE3_AGCATCACAAGGCTTT-1-10x	0.10598341	0.32727823	0.00352
9mo_SIGAE3_AGCATCAGTGTTACAC-1-10x	0.02305111	0.0319943	3.83E-05
9mo_SIGAE3_AGCCAATCAATACCCA-1-10x	0.15848285	0.5142046	0.0018209
9mo_SIGAE3_AGCCAATGTACGTAGG-1-10x	0.13984618	0.44784802	0.001875
9mo_SIGAE3_AGCCACGCACTACCGG-1-10x	0.07082822	0.20210673	0.0011935
9mo_SIGAE3_AGCCAGCGTATCGATC-1-10x	0.03607858	0.07837918	5.58E-05
9mo_SIGAE3_AGCCAGCGTTGCCATA-1-10x	0.26817626	0.9047726	0.00075594
9mo_SIGAE3_AGCGATTGTGAGTGA-1-10x	0.09438239	0.2859723	0.0044051
9mo_SIGAE3_AGCGCCACAGCTACTA-1-10x	0.09562314	0.29039007	0.0043808
9mo_SIGAE3_AGCGCTGCACGGAAGT-1-10x	0.09420443	0.2853387	0.0044154
9mo_SIGAE3_AGCGTATTCGGCAGTC-1-10x	0.0457272	0.11273348	0.00010046
9mo_SIGAE3_AGCTACACAGAGATTA-1-10x	0.27014986	0.91179967	0.00075418
9mo_SIGAE3_AGCTACAGTGGAAGTC-1-10x	0.07735276	0.22533762	0.0022191
9mo_SIGAE3_AGCTACATCGAGATGG-1-10x	0.12354994	0.38982457	0.0021124
9mo_SIGAE3_AGCTACATCTACCCAC-1-10x	0.2890874	0.9792276	0.0007606
9mo_SIGAE3_AGCTCAAAGGTGAGCT-1-10x	0.21178333	0.70398325	0.0010934
9mo_SIGAE3_AGCTCAACAGCAAGAC-1-10x	0.07400212	0.21340753	0.0017292
9mo_SIGAE3_AGCTCAAGTCCCGGTA-1-10x	0.04836495	0.12212528	0.00012523
9mo_SIGAE3_AGGAAATAGCTCATAC-1-10x	0.08269456	0.2443573	0.0033032
9mo_SIGAE3_AGGAAATCACTGCACG-1-10x	0.18949814	0.6246359	0.0013244
9mo_SIGAE3_AGGAAATCATCAGTGT-1-10x	0.03438849	0.07236154	5.37E-05
9mo_SIGAE3_AGGAAATGTCGAAACG-1-10x	0.26998708	0.9112201	0.00075499
9mo_SIGAE3_AGGAATAAGATCCCAT-1-10x	0.05334974	0.13987386	0.00019264
9mo_SIGAE3_AGGAATAAGGACTATA-1-10x	0.05065945	0.13029498	0.00014746
9mo_SIGAE3_AGGAATACACGGCACT-1-10x	0.10419683	0.32091704	0.0037215
9mo_SIGAE3_AGGACTTAGCACCTGC-1-10x	0.27412578	0.92595613	0.00075233
9mo_SIGAE3_AGGACTTGCCAAATC-1-10x	0.07392442	0.21313088	0.0017292
9mo_SIGAE3_AGGAGGTAGAGCATCG-1-10x	0.27148554	0.9165554	0.00075352
9mo_SIGAE3_AGGAGGTGTCTCTCTG-1-10x	0.18137054	0.5956972	0.0014587
9mo_SIGAE3_AGGAGGTTCTGTCCCA-1-10x	0.19219641	0.6342432	0.0012861
9mo_SIGAE3_AGGATAACATGACTCA-1-10x	0.05105314	0.13169673	0.00014746
9mo_SIGAE3_AGGATAAGTGGATGAC-1-10x	0.18744335	0.6173197	0.0013519

9mo_SIGAE3_AGGATCTAGACCAACG-1-10x	0.08601827	0.25619152	0.0039187
9mo_SIGAE3_AGGATCTAGAGCAAGA-1-10x	0.12927146	0.4101963	0.0019639
9mo_SIGAE3_AGGATCTAGAGTTGAT-1-10x	0.05014827	0.12847489	0.00013566
9mo_SIGAE3_AGGATCTCAATCCTAG-1-10x	0.03912642	0.08923111	6.67E-05
9mo_SIGAE3_AGGATCTTCGCCAGA-1-10x	0.05501543	0.14580461	0.000233
9mo_SIGAE3_AGGCATTAGCTCCACG-1-10x	0.06897301	0.19550118	0.00097948
9mo_SIGAE3_AGGCATTCAACCGCCA-1-10x	0.1556179	0.5040038	0.0018459
9mo_SIGAE3_AGGCATTGTAGCGATG-1-10x	0.04404073	0.10672872	8.81E-05
9mo_SIGAE3_AGGCATTTCGAGAACG-1-10x	0.07916765	0.23179959	0.002576
9mo_SIGAE3_AGGCATTCTTCGTGC-1-10x	0.0437923	0.10584419	8.81E-05
9mo_SIGAE3_AGGCTGCAGTCGAATA-1-10x	0.27640978	0.93408835	0.00075214
9mo_SIGAE3_AGGCTGCTCAAGCCGC-1-10x	0.04650253	0.11549407	0.00010777
9mo_SIGAE3_AGGGAGTTCTGTGTGA-1-10x	0.06685623	0.18796428	0.00079936
9mo_SIGAE3_AGGGCCTTCGAACGGA-1-10x	0.02713611	0.04653914	4.19E-05
9mo_SIGAE3_AGGGCCTTCTGCAGCG-1-10x	0.11411653	0.35623652	0.0026715
9mo_SIGAE3_AGGGCTCAGTTGCTCA-1-10x	0.20497888	0.6797557	0.0011518
9mo_SIGAE3_AGGGCTCAGTTGTAGA-1-10x	0.2727614	0.9210982	0.000753
9mo_SIGAE3_AGGGTCCCACGGTAGA-1-10x	0.20843285	0.6920537	0.0011177
9mo_SIGAE3_AGGGTCTCTTCTAAC-1-10x	0.27928373	0.9443212	0.00075266
9mo_SIGAE3_AGGGTTTCATACACCA-1-10x	0.19293797	0.6368835	0.0012861
9mo_SIGAE3_AGGGTTTGTGGTATGG-1-10x	0.08261835	0.24408595	0.0033032
9mo_SIGAE3_AGGTAGGAGCAACTTC-1-10x	0.10592878	0.3270837	0.00352
9mo_SIGAE3_AGGTAGGGTATACCTG-1-10x	0.05103285	0.13162449	0.00014746
9mo_SIGAE3_AGGTAGGGTCTACGTA-1-10x	0.08780888	0.26256704	0.0041422
9mo_SIGAE3_AGGTCATCACCTCTA-1-10x	0.08908185	0.26709953	0.0042295
9mo_SIGAE3_AGGTCATGTTGGGTT-1-10x	0.0613357	0.1683082	0.00042799
9mo_SIGAE3_AGGTCATTCCATGAGT-1-10x	0.22020094	0.7339545	0.0010253
9mo_SIGAE3_AGGTGTTTCATGTCGTA-1-10x	0.27405238	0.92569476	0.00075233
9mo_SIGAE3_AGGTGTTCCGTTTCG-1-10x	0.06572141	0.1839237	0.00072102
9mo_SIGAE3_AGGTTACGTGATGTAA-1-10x	0.21032445	0.6987888	0.0011014
9mo_SIGAE3_AGGTTACTCTGGGCG-1-10x	0.28388613	0.96070826	0.00075531
9mo_SIGAE3_AGGTTGTCACCGTGCA-1-10x	0.02992667	0.05647504	4.55E-05
9mo_SIGAE3_AGGTTGTGTCTGTAAC-1-10x	0.11863726	0.37233278	0.0023898
9mo_SIGAE3_AGGTTGTGTGTCATGT-1-10x	0.0498456	0.12739722	0.00013566
9mo_SIGAE3_AGGTTGTTCCGTGACG-1-10x	0.01609311	0.00722005	3.33E-05
9mo_SIGAE3_AGTAACCCATGTGTCA-1-10x	0.10952223	0.33987835	0.0031181
9mo_SIGAE3_AGTAACCGTTAAACAG-1-10x	0.28192768	0.95373505	0.00075401
9mo_SIGAE3_AGTAACCTCCTTACCG-1-10x	0.22989954	0.76848674	0.00094498
9mo_SIGAE3_AGTACCAAGCACACCC-1-10x	0.08351772	0.24728818	0.0034742
9mo_SIGAE3_AGTACCAGTGCCGTTG-1-10x	0.02128557	0.02570804	3.69E-05
9mo_SIGAE3_AGTACCAGTGGTATGG-1-10x	0.03709269	0.08198994	6.07E-05

9mo_SIGAE3_AGTACCATCTAGAACC-1-10x	0.14480586	0.46550718	0.0018716
9mo_SIGAE3_AGTACTGCAACGGGTA-1-10x	0.22559993	0.75317776	0.00098137
9mo_SIGAE3_AGTACTGTCGTCTCAC-1-10x	0.0842083	0.24974702	0.0036353
9mo_SIGAE3_AGTACTGTCGTTAGAC-1-10x	0.09655659	0.29371363	0.0043435
9mo_SIGAE3_AGTAGCTAGTCTTCGA-1-10x	0.24713095	0.8298399	0.0008292
9mo_SIGAE3_AGTAGCTCAAATTGGA-1-10x	0.08512978	0.25302798	0.0037839
9mo_SIGAE3_AGTAGTCAGCGAGGAG-1-10x	0.04856084	0.12282278	0.00012523
9mo_SIGAE3_AGTAGTCAGGCTTAAA-1-10x	0.24144296	0.8095876	0.00086374
9mo_SIGAE3_AGTAGTCAGTGGTTCT-1-10x	0.2586565	0.8708771	0.000778
9mo_SIGAE3_AGTAGTCGTTGCGGCT-1-10x	0.04574366	0.1127921	0.00010046
9mo_SIGAE3_AGTCAACAGCGCTGAA-1-10x	0.12176979	0.3834863	0.0021873
9mo_SIGAE3_AGTCAACGTCTCACGG-1-10x	0.10574687	0.32643598	0.00352
9mo_SIGAE3_AGTCAACTCCGTGCGA-1-10x	0.04630815	0.11480197	0.00010046
9mo_SIGAE3_AGTCACATCATGCCGG-1-10x	0.1544983	0.50001746	0.0018522
9mo_SIGAE3_AGTCACATCTCCAAC-1-10x	0.10864756	0.336764	0.0032165
9mo_SIGAE3_AGTCACATCTTAGTTC-1-10x	0.1701269	0.55566376	0.0016584
9mo_SIGAE3_AGTCATGCAAGTATCC-1-10x	0.08181033	0.24120896	0.0031253
9mo_SIGAE3_AGTCATGTCTCTGAGA-1-10x	0.27563766	0.9313392	0.00075218
9mo_SIGAE3_AGTCTCCGTGTATTGC-1-10x	0.26439962	0.8913257	0.00076135
9mo_SIGAE3_AGTCTCCGTTATGTGC-1-10x	0.10953071	0.33990854	0.0031181
9mo_SIGAE3_AGTCTCCTCGCCGAAC-1-10x	0.28490362	0.96433103	0.00075605
9mo_SIGAE3_AGTGATCGTGAGTGAC-1-10x	0.07905085	0.23138371	0.002576
9mo_SIGAE3_AGTGCCGCACACTTAG-1-10x	0.27159873	0.91695845	0.00075352
9mo_SIGAE3_AGTGCCGGTTGTGCCG-1-10x	0.09378142	0.28383252	0.0044154
9mo_SIGAE3_AGTGTTGAGCAATTCC-1-10x	0.20402214	0.67634916	0.0011608
9mo_SIGAE3_AGTGTTGCATTGCCGG-1-10x	0.09269448	0.27996242	0.0044107
9mo_SIGAE3_AGTGTTGGTGAGTAAT-1-10x	0.08412656	0.249456	0.0036353
9mo_SIGAE3_AGTTAGCAGACATCAA-1-10x	0.06974494	0.19824964	0.0010821
9mo_SIGAE3_AGTTAGCGTCGCGTCA-1-10x	0.13113128	0.41681826	0.001934
9mo_SIGAE3_AGTTAGCTCACATTGG-1-10x	0.24678433	0.8286057	0.0008292
9mo_SIGAE3_AGTTAGCTCTCTATAC-1-10x	0.24463296	0.8209457	0.00084583
9mo_SIGAE3_AGTTCCCAGCACGATG-1-10x	0.03016095	0.05730921	4.55E-05
9mo_SIGAE3_AGTTCCCGTTCCACAA-1-10x	0.06944557	0.19718374	0.0010821
9mo_SIGAE3_AGTTCCCTCTCCGAGG-1-10x	0.26619694	0.8977251	0.00075974
9mo_SIGAE3_AGTTCGATCAAGCTGT-1-10x	0.04876984	0.12356693	0.00012523
9mo_SIGAE3_AGTTCGATCCTCTCGA-1-10x	0.19283478	0.6365161	0.0012861
9mo_SIGAE3_AGTTCGATCGCTTACC-1-10x	0.019536	0.01947862	3.55E-05
9mo_SIGAE3_ATACCGAGTCTGATAC-1-10x	0.07939992	0.2326266	0.0027593
9mo_SIGAE3_ATACCGATCTACGGTA-1-10x	0.0952697	0.2891316	0.0044051
9mo_SIGAE3_ATACCTTGATACCCA-1-10x	0.05293767	0.13840666	0.00017575
9mo_SIGAE3_ATACCTTTCCGGACTG-1-10x	0.07770664	0.22659759	0.0023954

9mo_SIGAE3_ATACTTCAGACTCATC-1-10x	0.03173032	0.062897	4.83E-05
9mo_SIGAE3_ATACTTCCAACGACTT-1-10x	0.08763775	0.2619577	0.0040384
9mo_SIGAE3_ATACTTCCAGTGGGTA-1-10x	0.05537166	0.14707302	0.000233
9mo_SIGAE3_ATAGAGAAGCTGAGTG-1-10x	0.02645112	0.04410018	4.09E-05
9mo_SIGAE3_ATAGAGATCCGGACGT-1-10x	0.02957913	0.0552376	4.55E-05
9mo_SIGAE3_ATAGGCTCAGGTTTAC-1-10x	0.27495936	0.9289241	0.00075218
9mo_SIGAE3_ATAGGCTCAGTATACC-1-10x	0.16321197	0.5310429	0.001763
9mo_SIGAE3_ATATCCTAGGCTAGCA-1-10x	0.2406652	0.8068183	0.00086997
9mo_SIGAE3_ATCACAGAGCGTCTGC-1-10x	0.22158046	0.7388663	0.0010106
9mo_SIGAE3_ATCACAGCAACAAAGT-1-10x	0.18129112	0.5954144	0.0014587
9mo_SIGAE3_ATCACAGCAGAATCGG-1-10x	0.07828451	0.22865513	0.0023954
9mo_SIGAE3_ATCACAGGTTGAGTCT-1-10x	0.02717315	0.04667101	4.19E-05
9mo_SIGAE3_ATCACAGTCGTTCTCG-1-10x	0.09095754	0.273778	0.0043535
9mo_SIGAE3_ATCACAGGTGGAACAC-1-10x	0.09242818	0.27901426	0.0043903
9mo_SIGAE3_ATCACGATCTGTGTGA-1-10x	0.2561137	0.8618234	0.00078463
9mo_SIGAE3_ATCAGGTTTATGCCGG-1-10x	0.21541907	0.7169284	0.0010625
9mo_SIGAE3_ATCAGGTTCCGGACT-1-10x	0.09968655	0.30485797	0.0041652
9mo_SIGAE3_ATCCACCCAAAGCAAT-1-10x	0.07884703	0.23065801	0.002576
9mo_SIGAE3_ATCCACCCAATAACCC-1-10x	0.07939165	0.23259716	0.0027593
9mo_SIGAE3_ATCCACCCACAGTATC-1-10x	0.24870858	0.8354571	0.00081888
9mo_SIGAE3_ATCCACCGTGACAACG-1-10x	0.08377945	0.24822012	0.0034742
9mo_SIGAE3_ATCCATTAGATGCTTC-1-10x	0.03447537	0.07267088	5.37E-05
9mo_SIGAE3_ATCCATTATGTTCTGA-1-10x	0.05137122	0.13282926	0.00016076
9mo_SIGAE3_ATCCATTGTCACCGAC-1-10x	0.04657669	0.11575811	0.00010777
9mo_SIGAE3_ATCCCTGAGCGGTAGT-1-10x	0.02012545	0.0215774	3.55E-05
9mo_SIGAE3_ATCCCTGTCTAGTGTG-1-10x	0.04742571	0.11878111	0.00011598
9mo_SIGAE3_ATCCGTCGTTCAATCG-1-10x	0.04004071	0.09248649	7.01E-05
9mo_SIGAE3_ATCCGTCGTTGCTCGG-1-10x	0.08280399	0.24474692	0.0033032
9mo_SIGAE3_ATCCTATAGACCTCAT-1-10x	0.12055969	0.3791777	0.0022788
9mo_SIGAE3_ATCCTATTCAATTTGTC-1-10x	0.01583376	0.00629664	3.33E-05
9mo_SIGAE3_ATCGATGTCCTCTTTC-1-10x	0.01865081	0.01632687	3.49E-05
9mo_SIGAE3_ATCGATGTCCTGGTCT-1-10x	0.04935448	0.12564856	0.00013566
9mo_SIGAE3_ATCGATGTCGGTAACT-1-10x	0.08314337	0.2459553	0.0034742
9mo_SIGAE3_ATCGCCTAGACCAACG-1-10x	0.04270532	0.10197394	7.82E-05
9mo_SIGAE3_ATCGCCTAGTATGCAA-1-10x	0.04970213	0.12688638	0.00013566
9mo_SIGAE3_ATCGCCTCACAGTCAT-1-10x	0.18137631	0.5957177	0.0014587
9mo_SIGAE3_ATCGGATAGTCCGTCG-1-10x	0.06683075	0.18787354	0.00079936
9mo_SIGAE3_ATCGGATCAAGCGGAT-1-10x	0.1515403	0.4894854	0.0018676
9mo_SIGAE3_ATCGGATCCGTACGG-1-10x	0.17779322	0.58296	0.0015248
9mo_SIGAE3_ATCGGCGAGCACTCTA-1-10x	0.25205702	0.8473793	0.00080467
9mo_SIGAE3_ATCGGCGCAATACCTG-1-10x	0.19316857	0.63770455	0.0012741

9mo_SIGAE3_ATCGGCGGTTGGGTAG-1-10x	0.29068005	0.98489827	0.00076163
9mo_SIGAE3_ATCGTCCGTCAAGTCGC-1-10x	0.28658158	0.9703055	0.00075773
9mo_SIGAE3_ATCGTGAGTGACAGCA-1-10x	0.02769947	0.048545	4.30E-05
9mo_SIGAE3_ATCGTGAGTGAAATT-1-10x	0.02396066	0.03523279	3.91E-05
9mo_SIGAE3_ATCGTGATCCATCAGA-1-10x	0.07483321	0.21636666	0.001885
9mo_SIGAE3_ATCTCTAAGTAGCCAG-1-10x	0.2758152	0.9319713	0.00075214
9mo_SIGAE3_ATCTCTATCAAGCCGC-1-10x	0.1807605	0.5935252	0.001475
9mo_SIGAE3_ATCTCTATCACCACAA-1-10x	0.10475937	0.32291996	0.0036214
9mo_SIGAE3_ATCTTCAAGCAAGCCA-1-10x	0.26378825	0.8891489	0.00076313
9mo_SIGAE3_ATCTTCAGTCAAGTTC-1-10x	0.1497485	0.48310566	0.0018705
9mo_SIGAE3_ATCTTCAGTTCGGCTG-1-10x	0.02436355	0.03666733	3.91E-05
9mo_SIGAE3_ATCTTCATCATCCTGC-1-10x	0.04854152	0.12275399	0.00012523
9mo_SIGAE3_ATCTTCATCTAGCCTC-1-10x	0.11785592	0.3695508	0.002453
9mo_SIGAE3_ATGAAAGGTCCGATCG-1-10x	0.04387829	0.10615035	8.81E-05
9mo_SIGAE3_ATGAGGGAGCATCAAA-1-10x	0.03189082	0.06346847	4.83E-05
9mo_SIGAE3_ATGAGGGAGGGTCACA-1-10x	0.04762071	0.11947539	0.00011598
9mo_SIGAE3_ATGAGGGGTCTCCCTA-1-10x	0.05456997	0.14421853	0.00021164
9mo_SIGAE3_ATGAGTCAGTGTGTTTC-1-10x	0.20614399	0.6839041	0.001143
9mo_SIGAE3_ATGAGTCCACCCTAAA-1-10x	0.07539332	0.21836095	0.001885
9mo_SIGAE3_ATGAGTCGTCTTGCGG-1-10x	0.08784946	0.26271155	0.0041422
9mo_SIGAE3_ATGATCGGTTTGGGTT-1-10x	0.02429225	0.03641346	3.91E-05
9mo_SIGAE3_ATGCATGCAATTCGTG-1-10x	0.089833	0.26977402	0.0042999
9mo_SIGAE3_ATGCCTCGTAGGGAGG-1-10x	0.16670865	0.5434929	0.0017056
9mo_SIGAE3_ATGCCTCGTCACATTG-1-10x	0.0732631	0.21077621	0.0015819
9mo_SIGAE3_ATGCGATAGTAGCATA-1-10x	0.13622318	0.43494818	0.0018891
9mo_SIGAE3_ATGCGATCAACAGCTT-1-10x	0.145087	0.4665082	0.0018716
9mo_SIGAE3_ATGGAGGAGCGTCAAG-1-10x	0.27317256	0.9225621	0.0007526
9mo_SIGAE3_ATGGAGGGTCTGTCCT-1-10x	0.28378162	0.9603361	0.00075531
9mo_SIGAE3_ATGGATCAGACCTCAT-1-10x	0.02118095	0.02533553	3.69E-05
9mo_SIGAE3_ATGGATCAGATAGTCA-1-10x	0.04688477	0.11685506	0.00010777
9mo_SIGAE3_ATGGATCAGGTGCTAG-1-10x	0.2617146	0.8817656	0.00076727
9mo_SIGAE3_ATGGATCGTAGGTTTC-1-10x	0.05002564	0.12803826	0.00013566
9mo_SIGAE3_ATGGGAGAGTTCGGCAA-1-10x	0.04829714	0.12188386	0.00011598
9mo_SIGAE3_ATGGGAGCACTGTCCT-1-10x	0.05664355	0.15160161	0.000257
9mo_SIGAE3_ATGGGAGCATCGCTCT-1-10x	0.04156643	0.0979189	7.40E-05
9mo_SIGAE3_ATGGGAGTCTCCCTAG-1-10x	0.09462313	0.28682947	0.0044051
9mo_SIGAE3_ATGGGTTTCATACCAA-1-10x	0.04286203	0.10253193	8.29E-05
9mo_SIGAE3_ATGGTTGAGGCCTTGC-1-10x	0.03101939	0.0603657	4.68E-05
9mo_SIGAE3_ATGTCCCTCGGAACTT-1-10x	0.07849246	0.22939555	0.002576
9mo_SIGAE3_ATGTCTTCAGACAATA-1-10x	0.04183396	0.09887146	7.82E-05
9mo_SIGAE3_ATGTCTTTCGCCTAT-1-10x	0.21125525	0.70210296	0.0010934

9mo_SIGAE3_ATTACCTGTGTAGTGG-1-10x	0.02068299	0.02356254	3.62E-05
9mo_SIGAE3_ATTACTCAGGCAGCTA-1-10x	0.11708451	0.36680415	0.002453
9mo_SIGAE3_ATTACTCCACTATCCC-1-10x	0.04372731	0.10561278	8.81E-05
9mo_SIGAE3_ATTACTCCACTGGAAG-1-10x	0.04461154	0.10876113	9.39E-05
9mo_SIGAE3_ATTACTCTCCCAAGTA-1-10x	0.14414853	0.4631667	0.0018716
9mo_SIGAE3_ATTCACTAGGTCCTGC-1-10x	0.07751153	0.2259029	0.0023954
9mo_SIGAE3_ATTCACTAGTTGCCCG-1-10x	0.08162557	0.24055113	0.0031253
9mo_SIGAE3_ATTCACTTCCGTGCGA-1-10x	0.06040835	0.16500634	0.00038577
9mo_SIGAE3_ATTCAAGGTAACC-1-10x	0.25627938	0.8624132	0.00078463
9mo_SIGAE3_ATTCAAGGTCCGGTGT-1-10x	0.03102606	0.06038944	4.68E-05
9mo_SIGAE3_ATTCAATCCAAGTCCCG-1-10x	0.07318789	0.2105084	0.0015819
9mo_SIGAE3_ATTCAATCGTTCTCGTC-1-10x	0.29057744	0.98453295	0.00076163
9mo_SIGAE3_ATTCCATGTAAACCC-1-10x	0.11942763	0.37514693	0.0023317
9mo_SIGAE3_ATTCTAAGGTGCTTT-1-10x	0.02501523	0.03898766	4.00E-05
9mo_SIGAE3_ATTCTACAAGAGAGA-1-10x	0.0357381	0.07716686	5.58E-05
9mo_SIGAE3_ATTCTACACCAGACC-1-10x	0.09641762	0.29321882	0.0043435
9mo_SIGAE3_ATTCTCGTTTCATGGTAC-1-10x	0.23085529	0.7718897	0.00093779
9mo_SIGAE3_ATTCTCGTTCCGTAATG-1-10x	0.12855464	0.40764403	0.0019821
9mo_SIGAE3_ATTCTACAGTGGCGAT-1-10x	0.08592421	0.2558566	0.0039187
9mo_SIGAE3_ATTCTACCACGTCTCT-1-10x	0.08544033	0.25413373	0.0037839
9mo_SIGAE3_ATTCTACGTAGCTGAG-1-10x	0.23938254	0.80225134	0.00087632
9mo_SIGAE3_ATTGGGTAGATACAGT-1-10x	0.2537476	0.8533988	0.00079608
9mo_SIGAE3_ATTTACCTCATGGAGG-1-10x	0.15961199	0.51822495	0.0018109
9mo_SIGAE3_ATTTCTGTCAGACTGT-1-10x	0.2504461	0.84164363	0.00080923
9mo_SIGAE3_CAAAGAAGTGGGTCAA-1-10x	0.20429683	0.6773272	0.0011518
9mo_SIGAE3_CAAAGAATCACTTGGA-1-10x	0.1117105	0.34766978	0.002929
9mo_SIGAE3_CAACAACAGATTGGGC-1-10x	0.08675269	0.25880644	0.0039187
9mo_SIGAE3_CAACAACGTGAGTTGG-1-10x	0.03123656	0.06113897	4.68E-05
9mo_SIGAE3_CAACAGTAGAAACCCG-1-10x	0.12190857	0.38398042	0.0021873
9mo_SIGAE3_CAACAGTGTCCGCCTA-1-10x	0.06675883	0.1876175	0.00079936
9mo_SIGAE3_CAACCAACACTGGATT-1-10x	0.02989667	0.05636821	4.55E-05
9mo_SIGAE3_CAACCTCCATGTTTCAG-1-10x	0.02284417	0.03125751	3.76E-05
9mo_SIGAE3_CAACCTCGTCCAGCAC-1-10x	0.0596322	0.16224284	0.00038577
9mo_SIGAE3_CAACGATAGGAAACGA-1-10x	0.05402768	0.1422877	0.00021164
9mo_SIGAE3_CAACGATAGTAGAGTT-1-10x	0.06972542	0.19818014	0.0010821
9mo_SIGAE3_CAACGATGTGACCTGC-1-10x	0.09830789	0.29994923	0.0042345
9mo_SIGAE3_CAACGATTCATACGAC-1-10x	0.08960135	0.2689492	0.0042295
9mo_SIGAE3_CAACGGCCATATGGCT-1-10x	0.25289783	0.8503731	0.00080028
9mo_SIGAE3_CAACGGCTCCATAAGC-1-10x	0.24683012	0.8287688	0.0008292
9mo_SIGAE3_CAAGACTCATTGAGCT-1-10x	0.2203636	0.7345336	0.0010179
9mo_SIGAE3_CAAGAGGGTCCTATAG-1-10x	0.04343729	0.10458016	8.29E-05

9mo_SIGAE3_CAAGAGGGTGATACTC-1-10x	0.18527737	0.60960764	0.0013959
9mo_SIGAE3_CAAGCTAAGAGAGAAC-1-10x	0.19691269	0.65103567	0.0012292
9mo_SIGAE3_CAAGCTAAGCGACATG-1-10x	0.04610314	0.11407202	0.00010046
9mo_SIGAE3_CAAGCTATCCAAGCTA-1-10x	0.15593626	0.5051374	0.0018459
9mo_SIGAE3_CAAGGGACATCGAAGG-1-10x	0.03991871	0.09205211	7.01E-05
9mo_SIGAE3_CAATACGAGCACGTCC-1-10x	0.05013765	0.12843709	0.00013566
9mo_SIGAE3_CAATACGCAAAGGGTC-1-10x	0.21072698	0.700222	0.0011014
9mo_SIGAE3_CAATACGCAACCAATC-1-10x	0.29213774	0.99008846	0.00076378
9mo_SIGAE3_CAATACGTACCTACC-1-10x	0.14383358	0.4620453	0.0018716
9mo_SIGAE3_CAATCGATCGGAGTAG-1-10x	0.23536246	0.78793764	0.00090278
9mo_SIGAE3_CAATCGATCTATCCAT-1-10x	0.21800067	0.7261203	0.00104
9mo_SIGAE3_CAATGACCATGTACGT-1-10x	0.19961476	0.6606565	0.0011985
9mo_SIGAE3_CAATGACTCACAAGAA-1-10x	0.26468468	0.89234066	0.00076135
9mo_SIGAE3_CACAACAAGGCAGTCA-1-10x	0.1300784	0.41306946	0.001948
9mo_SIGAE3_CACAACACAACACTGGTT-1-10x	0.26029766	0.8767205	0.00077221
9mo_SIGAE3_CACAACAGTTAAGTCC-1-10x	0.05918666	0.16065647	0.00034795
9mo_SIGAE3_CACAGATAGGCCATAG-1-10x	0.05074848	0.13061197	0.00014746
9mo_SIGAE3_CACAGATAGTTGGAGC-1-10x	0.29034665	0.9837112	0.00076163
9mo_SIGAE3_CACAGGCAGGTGAGCT-1-10x	0.04500177	0.11015057	9.39E-05
9mo_SIGAE3_CACAGGCCAAGCGCAA-1-10x	0.2900611	0.98269445	0.00076163
9mo_SIGAE3_CACAGGCCATAGTCAC-1-10x	0.10367366	0.31905425	0.0038193
9mo_SIGAE3_CACAGGCGTACGCTAT-1-10x	0.09589077	0.29134294	0.0043808
9mo_SIGAE3_CACATGAAGGAATCGC-1-10x	0.11146819	0.346807	0.002929
9mo_SIGAE3_CACATGATCGACACCG-1-10x	0.29003865	0.9826145	0.00076163
9mo_SIGAE3_CACCAAAGTTTCGTTTT-1-10x	0.08017898	0.23540047	0.0027593
9mo_SIGAE3_CACCGTTCAATGCAAA-1-10x	0.09614743	0.2922568	0.0043808
9mo_SIGAE3_CACCGTTCACACCAGC-1-10x	0.04200952	0.09949654	7.82E-05
9mo_SIGAE3_CACCGTTCAGTCCGTG-1-10x	0.1656862	0.5398525	0.0017353
9mo_SIGAE3_CACCGTTGTCAGTCCG-1-10x	0.16970445	0.55415964	0.0016584
9mo_SIGAE3_CACCGTTGTGAGAACC-1-10x	0.1802483	0.59170145	0.001475
9mo_SIGAE3_CACCGTTGTTCTCTCG-1-10x	0.1894254	0.62437683	0.0013244
9mo_SIGAE3_CACCGTTTCGCAGTTA-1-10x	0.10213165	0.31356388	0.0039137
9mo_SIGAE3_CACGAATGTTGCCATA-1-10x	0.05987514	0.16310783	0.00038577
9mo_SIGAE3_CACGAATTCTGTGTGA-1-10x	0.17139505	0.56017905	0.0016421
9mo_SIGAE3_CACGGGTAGAGGCGTT-1-10x	0.07519034	0.21763821	0.001885
9mo_SIGAE3_CACGGGTGTCCTATAG-1-10x	0.01855947	0.01600166	3.49E-05
9mo_SIGAE3_CACGTGGAGGTTTCATC-1-10x	0.17839718	0.5851104	0.0015081
9mo_SIGAE3_CACGTGGTCAAGCTTG-1-10x	0.04346758	0.10468802	8.29E-05
9mo_SIGAE3_CACGTGGTCTACTTCA-1-10x	0.01557062	0.00535973	3.33E-05
9mo_SIGAE3_CACGTTCGTAGTCCTA-1-10x	0.0937592	0.28375342	0.0044154
9mo_SIGAE3_CACTAAGGTTACGATC-1-10x	0.24967243	0.83888894	0.00081397

9mo_SIGAE3_CACTGGGGTTCACGAT-1-10x	0.21461368	0.7140608	0.0010625
9mo_SIGAE3_CACTGGGTCGCAGTGC-1-10x	0.24827342	0.83390766	0.00082396
9mo_SIGAE3_CACTGTCCAACTCGT-1-10x	0.09688963	0.29489943	0.0043435
9mo_SIGAE3_CACTGTCTCGTGCGAC-1-10x	0.08629546	0.25717846	0.0039187
9mo_SIGAE3_CACTTCGAGCGAGGAG-1-10x	0.19908547	0.658772	0.0012085
9mo_SIGAE3_CAGAGCCTCAACTGAC-1-10x	0.04328958	0.10405424	8.29E-05
9mo_SIGAE3_CAGATACAGTCCCAAT-1-10x	0.03086315	0.05980941	4.68E-05
9mo_SIGAE3_CAGATACTCATTCATC-1-10x	0.04455124	0.10854644	8.81E-05
9mo_SIGAE3_CAGATCAAGGTTGAGC-1-10x	0.25117478	0.8442381	0.00080923
9mo_SIGAE3_CAGCAATCAATAACGA-1-10x	0.12808892	0.4059858	0.0020026
9mo_SIGAE3_CAGCAATGTTGTGCAT-1-10x	0.07096316	0.20258717	0.0013138
9mo_SIGAE3_CAGCACGAGACGAGCT-1-10x	0.09385245	0.28408542	0.0044154
9mo_SIGAE3_CAGCACGGTTAGAGAT-1-10x	0.04525552	0.11105406	9.39E-05
9mo_SIGAE3_CAGCAGCAGGATTCCT-1-10x	0.1873157	0.6168652	0.0013662
9mo_SIGAE3_CAGCAGCGTCTCACGG-1-10x	0.11191824	0.34840944	0.002929
9mo_SIGAE3_CAGCAGCGTTGTTTGG-1-10x	0.11579507	0.36221305	0.002594
9mo_SIGAE3_CAGCCAGAGCATCAGG-1-10x	0.1454216	0.46769953	0.0018716
9mo_SIGAE3_CAGCCAGGTACCCACG-1-10x	0.03972398	0.09135877	6.67E-05
9mo_SIGAE3_CAGCCAGTCGGCCTTT-1-10x	0.06387597	0.17735292	0.00058553
9mo_SIGAE3_CAGCGTGCACCATATG-1-10x	0.09140958	0.2753875	0.0043535
9mo_SIGAE3_CAGGCCAAGTGAGCCA-1-10x	0.17055102	0.55717385	0.0016421
9mo_SIGAE3_CAGGGCTCAAGAGTGC-1-10x	0.04910767	0.12476978	0.00012523
9mo_SIGAE3_CAGGGCTCAGTTTCGA-1-10x	0.08013459	0.23524243	0.0027593
9mo_SIGAE3_CAGGGCTTCAGCAATC-1-10x	0.2487896	0.8357456	0.00081888
9mo_SIGAE3_CAGGTATAGCGGCTCT-1-10x	0.28439325	0.96251386	0.00075605
9mo_SIGAE3_CAGGTATCACAATTCG-1-10x	0.04301905	0.10309099	8.29E-05
9mo_SIGAE3_CAGGTATCACCATAAC-1-10x	0.08101508	0.23837745	0.0029431
9mo_SIGAE3_CAGTGCGCAACAAAGT-1-10x	0.04792668	0.12056482	0.00011598
9mo_SIGAE3_CAGTTAGAGAACAAGG-1-10x	0.09561605	0.2903648	0.0043808
9mo_SIGAE3_CAGTTCCAGACGTCCC-1-10x	0.04946596	0.12604551	0.00013566
9mo_SIGAE3_CATAAGCGTTAGGAGC-1-10x	0.09870654	0.30136862	0.0042345
9mo_SIGAE3_CATACAGCAACACACT-1-10x	0.20556764	0.681852	0.001143
9mo_SIGAE3_CATACCCACTCCGGA-1-10x	0.17290992	0.5655728	0.0016089
9mo_SIGAE3_CATACCCAGAACATA-1-10x	0.22070247	0.7357402	0.0010179
9mo_SIGAE3_CATACCCTCCCGTTGT-1-10x	0.09519524	0.2888665	0.0044051
9mo_SIGAE3_CATACCCTCCGAGAAG-1-10x	0.0539436	0.14198832	0.00019264
9mo_SIGAE3_CATACCCTCGTTGTTT-1-10x	0.27259356	0.9205006	0.000753
9mo_SIGAE3_CATACCCTCTAGCATG-1-10x	0.15349147	0.49643263	0.0018617
9mo_SIGAE3_CATACTTAGCAAGGAA-1-10x	0.08870161	0.26574564	0.0041422
9mo_SIGAE3_CATACTTCAAGAATAC-1-10x	0.23756477	0.7957791	0.00088935
9mo_SIGAE3_CATACTTCACAGACGA-1-10x	0.13362715	0.4257049	0.0019115

9mo_SIGAE3_CATACTTTCATTGCCC-1-10x	0.11724263	0.36736715	0.002453
9mo_SIGAE3_CATAGACAGTGCGTCC-1-10x	0.22625737	0.7555186	0.00097406
9mo_SIGAE3_CATAGACCAGGGCTTC-1-10x	0.24879941	0.8357805	0.00081888
9mo_SIGAE3_CATAGACCATAAGCGG-1-10x	0.07445515	0.21502055	0.0017292
9mo_SIGAE3_CATCAAGAGTTACTCG-1-10x	0.2570311	0.86508983	0.00078121
9mo_SIGAE3_CATCCACCAGCGTGCT-1-10x	0.09652828	0.29361284	0.0043435
9mo_SIGAE3_CATCCACCATAACCCA-1-10x	0.25467885	0.8567145	0.00079207
9mo_SIGAE3_CATCCACGTAGACAGC-1-10x	0.01967413	0.01997044	3.55E-05
9mo_SIGAE3_CATCCACGTCCGGATC-1-10x	0.01873797	0.01663721	3.49E-05
9mo_SIGAE3_CATCCACTCCGAGAAG-1-10x	0.08050966	0.23657785	0.0029431
9mo_SIGAE3_CATCCCAAGCTCGCAC-1-10x	0.02034595	0.02236249	3.62E-05
9mo_SIGAE3_CATCCCAGTATGAAAC-1-10x	0.01643142	0.00842464	3.38E-05
9mo_SIGAE3_CATCCCAGTTCTGACA-1-10x	0.04944124	0.12595749	0.00013566
9mo_SIGAE3_CATCCGTAGGGAGGCA-1-10x	0.23926398	0.8018292	0.00087632
9mo_SIGAE3_CATCCGTCACTCCCTA-1-10x	0.15736115	0.51021075	0.0018302
9mo_SIGAE3_CATCCGTCACTTCAAG-1-10x	0.16526374	0.53834826	0.0017353
9mo_SIGAE3_CATCCGTGTCCCTGTT-1-10x	0.09786073	0.2983571	0.0042943
9mo_SIGAE3_CATCCGTGTGCTTCAA-1-10x	0.2552281	0.8586701	0.00078825
9mo_SIGAE3_CATCCGTTC AACCCGG-1-10x	0.031726	0.06288164	4.83E-05
9mo_SIGAE3_CATCCGTTCATTGTT-1-10x	0.04941886	0.12587781	0.00013566
9mo_SIGAE3_CATCCGTTCGCAAGAG-1-10x	0.17331813	0.56702626	0.0015922
9mo_SIGAE3_CATCGCTCACCATTCC-1-10x	0.27842805	0.9412745	0.00075239
9mo_SIGAE3_CATCGCTTCTGACCCT-1-10x	0.18539418	0.61002356	0.0013959
9mo_SIGAE3_CATCGTTCGTATCGTTG-1-10x	0.09645238	0.2933426	0.0043435
9mo_SIGAE3_CATCGTTCGTCTCGGGT-1-10x	0.04865658	0.12316365	0.00012523
9mo_SIGAE3_CATGAGTCAGAAGTGC-1-10x	0.02212895	0.02871094	3.76E-05
9mo_SIGAE3_CATGAGTCATCGGAGA-1-10x	0.05357771	0.14068554	0.00019264
9mo_SIGAE3_CATGAGTTCGCATAGT-1-10x	0.03305306	0.06760668	5.00E-05
9mo_SIGAE3_CATGCAACAGTTTCGA-1-10x	0.08359982	0.24758053	0.0034742
9mo_SIGAE3_CATGCAATCATCAGTG-1-10x	0.23447254	0.7847691	0.00090964
9mo_SIGAE3_CATGCGGGTATGATCC-1-10x	0.05930148	0.1610653	0.00034795
9mo_SIGAE3_CATGCGGTCAGAGCGA-1-10x	0.28734022	0.97300667	0.00075864
9mo_SIGAE3_CATGCGGTCATCGTAG-1-10x	0.03724472	0.08253127	6.07E-05
9mo_SIGAE3_CATGCGGTCGAAGCCC-1-10x	0.2010091	0.6656211	0.0011888
9mo_SIGAE3_CATGCTCAGGAACGAA-1-10x	0.17823555	0.58453494	0.0015081
9mo_SIGAE3_CATGCTCCAATTCACG-1-10x	0.26466945	0.8922864	0.00076135
9mo_SIGAE3_CATGCTCCACCGTCTT-1-10x	0.06971123	0.19812962	0.0010821
9mo_SIGAE3_CATGCTCTCACCTTAT-1-10x	0.04896954	0.12427797	0.00012523
9mo_SIGAE3_CATGGATCAGGAACCA-1-10x	0.15547957	0.5035113	0.0018459
9mo_SIGAE3_CATGGATGTCACGCTG-1-10x	0.03594392	0.07789972	5.58E-05
9mo_SIGAE3_CATGGATTCGCTTACC-1-10x	0.26837608	0.9054841	0.00075594

9mo_SIGAE3_CATGGTAGTCATGACT-1-10x	0.06701309	0.1885228	0.00079936
9mo_SIGAE3_CATGGTATCCTGCTAC-1-10x	0.07992712	0.23450373	0.0027593
9mo_SIGAE3_CATTCATCAGGAGGTT-1-10x	0.05934841	0.16123237	0.00034795
9mo_SIGAE3_CATTCATGTCGATTCA-1-10x	0.1046283	0.3224533	0.0037215
9mo_SIGAE3_CATTCATGTTCAAAGA-1-10x	0.04940792	0.12583885	0.00013566
9mo_SIGAE3_CATTCCGAGATGAAGG-1-10x	0.09400208	0.2846182	0.0044154
9mo_SIGAE3_CATTCCGGTTTCCCAC-1-10x	0.23940477	0.8023305	0.00087632
9mo_SIGAE3_CATTCTAGTACAAGTA-1-10x	0.25215542	0.84772974	0.00080467
9mo_SIGAE3_CATTCTAGTTATCCAG-1-10x	0.05087776	0.13107228	0.00014746
9mo_SIGAE3_CATTGAGAGGTTAGTA-1-10x	0.20601384	0.6834407	0.001143
9mo_SIGAE3_CATTGAGTCAAACCCA-1-10x	0.01651283	0.00871449	3.38E-05
9mo_SIGAE3_CATTGAGTCAAGGCTT-1-10x	0.27313042	0.9224121	0.0007526
9mo_SIGAE3_CATTGCCAGCACGTCC-1-10x	0.26278374	0.88557225	0.00076511
9mo_SIGAE3_CATTGCCAGCATGCAG-1-10x	0.1251307	0.39545295	0.0020803
9mo_SIGAE3_CATTGCCAGTTGCGCC-1-10x	0.12796299	0.40553743	0.0020026
9mo_SIGAE3_CATTGCCGTATTCCGA-1-10x	0.0998724	0.30551973	0.0041652
9mo_SIGAE3_CATTGCCGTCTACGTA-1-10x	0.21275346	0.7074374	0.0010778
9mo_SIGAE3_CATTGCCGTCTCCTGT-1-10x	0.25033677	0.84125435	0.00080923
9mo_SIGAE3_CATTGCCTCATCTGTT-1-10x	0.04413193	0.10705345	8.81E-05
9mo_SIGAE3_CATTGTTCAAGCTACT-1-10x	0.05846253	0.15807818	0.00031414
9mo_SIGAE3_CATTGTTCACCCAAGC-1-10x	0.05411638	0.1426035	0.00021164
9mo_SIGAE3_CATTGTTCACGTGTGC-1-10x	0.16813125	0.5485582	0.0016902
9mo_SIGAE3_CATTGTTCAGAGGCAT-1-10x	0.16248651	0.52845985	0.001776
9mo_SIGAE3_CATTGTTCAGATCCTA-1-10x	0.02322062	0.03259785	3.83E-05
9mo_SIGAE3_CATTGTTGTACAGTCT-1-10x	0.03687238	0.08120553	5.82E-05
9mo_SIGAE3_CATTTCAAGGGCGAAG-1-10x	0.05529213	0.14678982	0.000233
9mo_SIGAE3_CATTTCAGTACGTGTT-1-10x	0.08885633	0.26629654	0.0042295
9mo_SIGAE3_CATTTCAGTCTCAGAT-1-10x	0.04086735	0.09542979	7.40E-05
9mo_SIGAE3_CCAATTTCAGAACTTC-1-10x	0.08236539	0.2431853	0.0033032
9mo_SIGAE3_CCAATTTGTCGTTGCG-1-10x	0.06867459	0.19443862	0.00097948
9mo_SIGAE3_CCAATTTTCAGACCGC-1-10x	0.04504992	0.11032199	9.39E-05
9mo_SIGAE3_CCAATTTTCTCGTCAC-1-10x	0.04616376	0.11428788	0.00010046
9mo_SIGAE3_CCACAAACAAACTCTG-1-10x	0.08499475	0.2525472	0.0037839
9mo_SIGAE3_CCACAAAGTGAAGCGT-1-10x	0.06441656	0.17927773	0.00064991
9mo_SIGAE3_CCACCATAGCCTGGAA-1-10x	0.05873158	0.15903611	0.00034795
9mo_SIGAE3_CCACCATAGCTATCCA-1-10x	0.03023233	0.05756335	4.55E-05
9mo_SIGAE3_CCACCATAGTTCGGTT-1-10x	0.0183016	0.01508351	3.49E-05
9mo_SIGAE3_CCACCATCTCGCGTT-1-10x	0.04697024	0.11715938	0.00010777
9mo_SIGAE3_CCACGAGAGGCTCTAT-1-10x	0.04997125	0.1278446	0.00013566
9mo_SIGAE3_CCACGAGCATCTTTCA-1-10x	0.01656512	0.00890068	3.38E-05
9mo_SIGAE3_CCACTTGCACTACAGT-1-10x	0.06821153	0.19278987	0.00097948

9mo_SIGAE3_CCACTTGGTTACCGTA-1-10x	0.2850255	0.964765	0.00075605
9mo_SIGAE3_CCACTTGTCGCGTGCA-1-10x	0.08431505	0.2501271	0.0036353
9mo_SIGAE3_CCATAAGAGGTAGACC-1-10x	0.26070124	0.87815744	0.00076963
9mo_SIGAE3_CCATAAGAGGTATAGT-1-10x	0.08322683	0.24625248	0.0034742
9mo_SIGAE3_CCATAAGTCAATGCAC-1-10x	0.21753007	0.72444475	0.00104
9mo_SIGAE3_CCCAACTCAGACCTGC-1-10x	0.193399	0.638525	0.0012741
9mo_SIGAE3_CCCAACTCAGTGACCC-1-10x	0.2085213	0.6923686	0.0011177
9mo_SIGAE3_CCCAACTTCATGCTAG-1-10x	0.2549464	0.85766715	0.00079207
9mo_SIGAE3_CCCATTGCAGACCGCT-1-10x	0.0819469	0.24169521	0.0031253
9mo_SIGAE3_CCCATTGTCACCTACC-1-10x	0.04227145	0.10042913	7.82E-05
9mo_SIGAE3_CCCATTGTCGTGAGAG-1-10x	0.07560124	0.21910124	0.0020486
9mo_SIGAE3_CCCGAAGTCCATAGAC-1-10x	0.02399561	0.03535724	3.91E-05
9mo_SIGAE3_CCCGAATCGCAAGAG-1-10x	0.2703935	0.91266716	0.00075418
9mo_SIGAE3_CCCTAACAGACCAAGC-1-10x	0.0752035	0.21768509	0.001885
9mo_SIGAE3_CCCTAACAGGATGGCT-1-10x	0.28700876	0.9718265	0.00075864
9mo_SIGAE3_CCCTAACATGCGTGCA-1-10x	0.04426643	0.10753235	8.81E-05
9mo_SIGAE3_CCCTAACTCCCATAGA-1-10x	0.0168854	0.01004105	3.38E-05
9mo_SIGAE3_CCCTCTCAGGAATCGC-1-10x	0.10417863	0.32085222	0.0037215
9mo_SIGAE3_CCCTGATAGTGCTCGC-1-10x	0.1903461	0.6276551	0.0013113
9mo_SIGAE3_CCCTGATCAAGCAGGT-1-10x	0.27281737	0.9212975	0.000753
9mo_SIGAE3_CCCTGATTCTAGAGT-1-10x	0.04496273	0.11001155	9.39E-05
9mo_SIGAE3_CCCTTAGAGGCTCACC-1-10x	0.07896566	0.23108038	0.002576
9mo_SIGAE3_CCCTTAGAGGTACCTT-1-10x	0.18072265	0.5933904	0.001475
9mo_SIGAE3_CCCTTAGGTTGTGGCC-1-10x	0.08903635	0.2669375	0.0042295
9mo_SIGAE3_CCGAACGGTGAGTAAT-1-10x	0.19285634	0.63659286	0.0012861
9mo_SIGAE3_CCGATCTGTTGTCTAG-1-10x	0.21591148	0.71868163	0.001055
9mo_SIGAE3_CCGATCTGTTTCCCAC-1-10x	0.08804832	0.26341957	0.0041422
9mo_SIGAE3_CCGATCTTCATCGCCT-1-10x	0.26287934	0.8859127	0.00076511
9mo_SIGAE3_CCGATGGCATATCGGT-1-10x	0.05070591	0.1304604	0.00014746
9mo_SIGAE3_CCGATGGGTTGGGTAG-1-10x	0.20196196	0.66901386	0.0011792
9mo_SIGAE3_CCGCAAGAGGAGACCT-1-10x	0.0995084	0.30422366	0.0041652
9mo_SIGAE3_CCGCAAGCACGAAAGC-1-10x	0.01633088	0.00806666	3.33E-05
9mo_SIGAE3_CCGGACACAACCTCCCT-1-10x	0.08387171	0.24854858	0.0034742
9mo_SIGAE3_CCGGGTAAGCCATGCC-1-10x	0.18805797	0.6195081	0.0013519
9mo_SIGAE3_CCGGGTACACGACAAG-1-10x	0.02255263	0.03021945	3.76E-05
9mo_SIGAE3_CCGGGTACATCATGAC-1-10x	0.25050947	0.84186924	0.00080923
9mo_SIGAE3_CCGGGTATCAGCCTTC-1-10x	0.2498805	0.83962977	0.00081397
9mo_SIGAE3_CCGGGTATCCTCTTTC-1-10x	0.09515667	0.28872916	0.0044051
9mo_SIGAE3_CCGGGTATCGCACGAC-1-10x	0.04795814	0.12067684	0.00011598
9mo_SIGAE3_CCGGGTATCTTGACAG-1-10x	0.25731224	0.8660908	0.00078121
9mo_SIGAE3_CCGGTAGAGTAGTCTC-1-10x	0.25155327	0.8455857	0.00080467

9mo_SIGAE3_CCGGTAGCAACCGCTG-1-10x	0.06691819	0.1881849	0.00079936
9mo_SIGAE3_CCGGTAGGTATCAGGG-1-10x	0.26448846	0.89164203	0.00076135
9mo_SIGAE3_CCGGTGAGTAACTGCT-1-10x	0.20525606	0.6807426	0.001143
9mo_SIGAE3_CCGGTGATCCATCGTC-1-10x	0.04009453	0.09267811	7.01E-05
9mo_SIGAE3_CCGTAGGAGCGGTATG-1-10x	0.04899245	0.12435955	0.00012523
9mo_SIGAE3_CCGTAGGTCCGTGTGG-1-10x	0.16099593	0.5231526	0.0018
9mo_SIGAE3_CCGTAGGTCTGTAACG-1-10x	0.03203874	0.06399516	4.83E-05
9mo_SIGAE3_CCGTGAGCAGTTTGGT-1-10x	0.17727743	0.58112353	0.0015248
9mo_SIGAE3_CCGTTCACAACACTAC-1-10x	0.20261908	0.6713535	0.0011699
9mo_SIGAE3_CCGTTCAGTGAAGAC-1-10x	0.02880859	0.05249406	4.42E-05
9mo_SIGAE3_CCGTTCATCACTGGTA-1-10x	0.02898068	0.05310679	4.42E-05
9mo_SIGAE3_CCGTTCATCCCGAATA-1-10x	0.0961305	0.2921965	0.0043808
9mo_SIGAE3_CCTAACCTCCATTGGA-1-10x	0.11781001	0.36938733	0.002453
9mo_SIGAE3_CCTAAGAAGCGTGAGT-1-10x	0.185687	0.61106616	0.0013809
9mo_SIGAE3_CCTAAGACAGTCAGTT-1-10x	0.03274559	0.06651191	5.00E-05
9mo_SIGAE3_CCTAAGAGTGCTCTCT-1-10x	0.16735066	0.5457789	0.0017056
9mo_SIGAE3_CCTACGTCAAGCTGCC-1-10x	0.08596021	0.25598478	0.0039187
9mo_SIGAE3_CCTACGTCAATGAAG-1-10x	0.28000692	0.94689614	0.00075303
9mo_SIGAE3_CCTATCGGTGACAGGT-1-10x	0.243614	0.81731766	0.00085167
9mo_SIGAE3_CCTATCGGTGGACTGA-1-10x	0.0630858	0.17453952	0.00052741
9mo_SIGAE3_CCTCAACGTAGGTACG-1-10x	0.02423354	0.03620441	3.91E-05
9mo_SIGAE3_CCTCACACATACTGTG-1-10x	0.05102236	0.13158713	0.00014746
9mo_SIGAE3_CCTCACATCAGACAAA-1-10x	0.05148938	0.13324995	0.00016076
9mo_SIGAE3_CCTCAGTCAATAGGAT-1-10x	0.05192591	0.13480423	0.00016076
9mo_SIGAE3_CCTCAGTGTGGTCCCA-1-10x	0.2096366	0.69633967	0.0011095
9mo_SIGAE3_CCTCAGTTCAGCCCAG-1-10x	0.2705585	0.9132547	0.00075418
9mo_SIGAE3_CCTCAGTTCTTCCGTG-1-10x	0.2172156	0.723325	0.0010475
9mo_SIGAE3_CCTCATGTGCACTCT-1-10x	0.07261796	0.20847917	0.0014433
9mo_SIGAE3_CCTCAAAGGTAGGCT-1-10x	0.02560285	0.04107989	4.00E-05
9mo_SIGAE3_CCTCCAACACTATGTG-1-10x	0.18683201	0.615143	0.0013662
9mo_SIGAE3_CCTCTCCATTACCC-1-10x	0.2593623	0.87339014	0.00077499
9mo_SIGAE3_CCTCTCCTCGTTGTGA-1-10x	0.25734764	0.86621684	0.00078121
9mo_SIGAE3_CCTGCATCAAGTAGTA-1-10x	0.1298107	0.4121163	0.0019639
9mo_SIGAE3_CCTGCATCACGAAGAC-1-10x	0.03901074	0.08881924	6.67E-05
9mo_SIGAE3_CCTGTTGTCAAGCTTG-1-10x	0.240767	0.80718076	0.00086997
9mo_SIGAE3_CCTGTTGTCCGATCTC-1-10x	0.08400326	0.24901697	0.0034742
9mo_SIGAE3_CCTGTTGTCTAGATCG-1-10x	0.12325222	0.38876453	0.0021479
9mo_SIGAE3_CCTTCAGAGAGAGAAC-1-10x	0.0758534	0.21999907	0.0020486
9mo_SIGAE3_CCTTCAGAGGAGGCAG-1-10x	0.01883316	0.01697614	3.49E-05
9mo_SIGAE3_CCTTGTCGAAGTGGTG-1-10x	0.01907358	0.01783217	3.49E-05
9mo_SIGAE3_CCTTGTCACCCGTAG-1-10x	0.09420302	0.28533363	0.0044154

9mo_SIGAE3_CCTTGTGCAGTATAACC-1-10x	0.08718237	0.26033634	0.0040384
9mo_SIGAE3_CCTTGTGCATGCAGCC-1-10x	0.01678975	0.00970047	3.38E-05
9mo_SIGAE3_CCTTGTGTCCCATAGA-1-10x	0.09140892	0.27538514	0.0043535
9mo_SIGAE3_CCTTGTGTGCTGCGA-1-10x	0.04977085	0.12713107	0.00013566
9mo_SIGAE3_CCTTTGGAGGTAAACT-1-10x	0.05473416	0.14480314	0.00021164
9mo_SIGAE3_CCTTTGGCACTCAAGT-1-10x	0.0437495	0.1056918	8.81E-05
9mo_SIGAE3_CGAAGGATCAAGAAAC-1-10x	0.2609611	0.8790827	0.00076963
9mo_SIGAE3_CGAAGTTAGAATTCAG-1-10x	0.01576141	0.00603904	3.33E-05
9mo_SIGAE3_CGAAGTTGTGGCCTCA-1-10x	0.28328958	0.9585842	0.00075531
9mo_SIGAE3_CGAAGTTGTTTCTATC-1-10x	0.25237483	0.8485109	0.00080028
9mo_SIGAE3_CGAATTGAGGCTTTCA-1-10x	0.09330615	0.2821403	0.0044107
9mo_SIGAE3_CGAATTGCAAGAGAGA-1-10x	0.08126137	0.23925439	0.0031253
9mo_SIGAE3_CGACAGCAGGAGAGTA-1-10x	0.28702223	0.9718745	0.00075864
9mo_SIGAE3_CGACAGCTCAGCGCGT-1-10x	0.04982604	0.12732756	0.00013566
9mo_SIGAE3_CGAGGAAAGGTTCTAC-1-10x	0.08278274	0.24467127	0.0033032
9mo_SIGAE3_CGAGGAACAACCTAAC-1-10x	0.04806846	0.12106966	0.00011598
9mo_SIGAE3_CGAGGAAGTAGTAAGT-1-10x	0.0373444	0.08288617	6.07E-05
9mo_SIGAE3_CGAGGCTCACGCCAGT-1-10x	0.04712642	0.11771545	0.00010777
9mo_SIGAE3_CGAGGCTGTGTATCCA-1-10x	0.04273355	0.10207448	8.29E-05
9mo_SIGAE3_CGAGGCTGTTGAGAGC-1-10x	0.09189117	0.2771022	0.0043903
9mo_SIGAE3_CGAGGCTTCGCCACTT-1-10x	0.0433214	0.10416752	8.29E-05
9mo_SIGAE3_CGAGTGCAGTCGCTAT-1-10x	0.23734543	0.7949981	0.00088935
9mo_SIGAE3_CGAGTTACACTATCGA-1-10x	0.05994253	0.16334777	0.00038577
9mo_SIGAE3_CGAGTTACAGTTTAC-1-10x	0.08304818	0.24561638	0.0033032
9mo_SIGAE3_CGATCGGAGGGTCTTT-1-10x	0.08668224	0.2585556	0.0039187
9mo_SIGAE3_CGATCGGCACAGGATG-1-10x	0.14777437	0.47607666	0.0018716
9mo_SIGAE3_CGATCGGGTGCAGGAT-1-10x	0.03865808	0.08756357	6.36E-05
9mo_SIGAE3_CGATCGGGTTGACGGA-1-10x	0.2427347	0.8141869	0.00085764
9mo_SIGAE3_CGATGCGAGGTGGCTA-1-10x	0.15837507	0.5138209	0.0018209
9mo_SIGAE3_CGATGCGCATGGGTCC-1-10x	0.03105379	0.06048818	4.68E-05
9mo_SIGAE3_CGATGCGGTAGAGATT-1-10x	0.15864429	0.51477945	0.0018209
9mo_SIGAE3_CGATGCGGTCAATTC-1-10x	0.1020487	0.31326854	0.0039137
9mo_SIGAE3_CGATGCGTCACCTCA-1-10x	0.0164648	0.0085435	3.38E-05
9mo_SIGAE3_CGATGCGTCGGCCAAC-1-10x	0.07351115	0.21165942	0.0015819
9mo_SIGAE3_CGATGGCCAAATACGA-1-10x	0.04523021	0.11096394	9.39E-05
9mo_SIGAE3_CGATGGCTCAAGCGTT-1-10x	0.08641569	0.25760654	0.0039187
9mo_SIGAE3_CGCAGGTCATTGAAAG-1-10x	0.18135972	0.5956587	0.0014587
9mo_SIGAE3_CGCAGGTGTATGGAGC-1-10x	0.26550508	0.8952617	0.00075974
9mo_SIGAE3_CGCAGGTTCTCCACG-1-10x	0.22539243	0.75243896	0.00098137
9mo_SIGAE3_CGCATAAGTTTGGGAG-1-10x	0.08452503	0.25087476	0.0036353
9mo_SIGAE3_CGCCATTTCAAGTGG-1-10x	0.26716825	0.90118355	0.00075831

9mo_SIGAE3_CGCGTGAAGCCACAAG-1-10x	0.24208573	0.8118762	0.00085764
9mo_SIGAE3_CGCGTGACATTATGCG-1-10x	0.20158023	0.66765463	0.0011792
9mo_SIGAE3_CGCGTGAGTTTACGTG-1-10x	0.2333758	0.7808641	0.00092358
9mo_SIGAE3_CGGAACCGTTTACTGG-1-10x	0.01667506	0.00929212	3.38E-05
9mo_SIGAE3_CGGAACCTCCGGTAAT-1-10x	0.10390445	0.319876	0.0037215
9mo_SIGAE3_CGGAACCTCCGGTAGC-1-10x	0.03065717	0.059076	4.68E-05
9mo_SIGAE3_CGGACACCATCAGTCA-1-10x	0.19309515	0.6374432	0.0012741
9mo_SIGAE3_CGGACACGTGTAGGAC-1-10x	0.12212795	0.38476154	0.0021873
9mo_SIGAE3_CGGACACTCTCATTAC-1-10x	0.23333289	0.7807113	0.00092358
9mo_SIGAE3_CGGAGAACAACAAAGT-1-10x	0.24628134	0.82681483	0.00083459
9mo_SIGAE3_CGGAGAACAGAAGCGT-1-10x	0.27641258	0.93409836	0.00075214
9mo_SIGAE3_CGGCAGTAGCCAAGTG-1-10x	0.1710811	0.5590612	0.0016421
9mo_SIGAE3_CGGCAGTAGGTATTGA-1-10x	0.11266534	0.3510695	0.0028393
9mo_SIGAE3_CGGCAGTCAAGCTCTA-1-10x	0.27778366	0.93898016	0.00075239
9mo_SIGAE3_CGGCAGTTCCTTATGT-1-10x	0.05771323	0.15541025	0.00028394
9mo_SIGAE3_CGGCAGTTCCTTGCTA-1-10x	0.0750628	0.21718413	0.001885
9mo_SIGAE3_CGGGACTCATCGAACT-1-10x	0.26884118	0.9071401	0.00075594
9mo_SIGAE3_CGGGACTGTGCGTGGTC-1-10x	0.0387657	0.08794678	6.36E-05
9mo_SIGAE3_CGGGACTGTGGCATCC-1-10x	0.0228111	0.03113975	3.76E-05
9mo_SIGAE3_CGGGACTGTGGTCTGC-1-10x	0.16764818	0.54683816	0.0016902
9mo_SIGAE3_CGGGCATAGACCAAGC-1-10x	0.04084407	0.09534689	7.40E-05
9mo_SIGAE3_CGGGCATCAGTACTAC-1-10x	0.08925859	0.2677288	0.0042295
9mo_SIGAE3_CGGGCATCATGAGTAA-1-10x	0.05617435	0.149931	0.000257
9mo_SIGAE3_CGGGCATTCGTGCATA-1-10x	0.20686519	0.686472	0.0011344
9mo_SIGAE3_CGGGTCAAGGACTATA-1-10x	0.16118321	0.5238194	0.0017883
9mo_SIGAE3_CGGGTCAAGGCCGCTT-1-10x	0.14509495	0.46653646	0.0018716
9mo_SIGAE3_CGGGTCACATTGAGCT-1-10x	0.26261744	0.8849802	0.00076511
9mo_SIGAE3_CGGGTCAGTAACACCT-1-10x	0.24750061	0.8311561	0.00082396
9mo_SIGAE3_CGGGTGTCAGTTTCGA-1-10x	0.01709912	0.010802	3.38E-05
9mo_SIGAE3_CGGGTGTTGTCGACG-1-10x	0.27677605	0.9353925	0.00075222
9mo_SIGAE3_CGGTCAGAGCGCTGCT-1-10x	0.03064968	0.05904935	4.68E-05
9mo_SIGAE3_CGGTCAGCAATCAAGA-1-10x	0.04164013	0.0981813	7.40E-05
9mo_SIGAE3_CGGTCAGCACAGACGA-1-10x	0.04553962	0.11206559	0.00010046
9mo_SIGAE3_CGGTCAGCATCTGGGC-1-10x	0.27750388	0.93798393	0.00075222
9mo_SIGAE3_CGTAAGTAGAGGATGA-1-10x	0.04018313	0.09299361	7.01E-05
9mo_SIGAE3_CGTAAGTCATATTCGG-1-10x	0.052476	0.13676286	0.00017575
9mo_SIGAE3_CGTAGTAAGGAAAGGT-1-10x	0.28891906	0.9786282	0.0007606
9mo_SIGAE3_CGTAGTAGTACTAAA-1-10x	0.07074042	0.20179409	0.0011935
9mo_SIGAE3_CGTAGTATCGGACCAC-1-10x	0.04865816	0.12316927	0.00012523
9mo_SIGAE3_CGTCAAATCTGAGATC-1-10x	0.11557489	0.3614291	0.002594
9mo_SIGAE3_CGTCCATAGAATCGAT-1-10x	0.09440383	0.28604865	0.0044051

9mo_SIGAE3_CGTCCATCACCTTGT-1-10x	0.03055342	0.05870659	4.68E-05
9mo_SIGAE3_CGTCCATCATGCGTGC-1-10x	0.11168797	0.34758955	0.002929
9mo_SIGAE3_CGTCCATGTTATCCAG-1-10x	0.06292534	0.17396818	0.00052741
9mo_SIGAE3_CGTCCATGTTGCCGAC-1-10x	0.11181811	0.3480529	0.002929
9mo_SIGAE3_CGTGAATTCCGCAGTG-1-10x	0.09282744	0.28043583	0.0044107
9mo_SIGAE3_CGTGAATTCTGAATCG-1-10x	0.0453473	0.11138083	9.39E-05
9mo_SIGAE3_CGTGATAAGTCTGGAG-1-10x	0.29043183	0.98401445	0.00076163
9mo_SIGAE3_CGTGATACAATGAAAC-1-10x	0.04473021	0.10918364	9.39E-05
9mo_SIGAE3_CGTGATAGTGGATCGA-1-10x	0.01791238	0.01369764	3.44E-05
9mo_SIGAE3_CGTGTCTAGAGCATCG-1-10x	0.04972424	0.1269651	0.00013566
9mo_SIGAE3_CGTTCTGAGGTCATT-1-10x	0.08735685	0.26095757	0.0040384
9mo_SIGAE3_CGTTCTGGTTCCTTGC-1-10x	0.08717951	0.26032615	0.0040384
9mo_SIGAE3_CGTTCTGTCCATTTAC-1-10x	0.07336447	0.21113716	0.0015819
9mo_SIGAE3_CGTTGGGGTTCAGTAC-1-10x	0.27050456	0.91306263	0.00075418
9mo_SIGAE3_CTAAGTGTGGGAAA-1-10x	0.03991497	0.0920388	7.01E-05
9mo_SIGAE3_CTAAGTGTCAAACGAGC-1-10x	0.19453782	0.64257985	0.0012624
9mo_SIGAE3_CTAAGTGTCAAAGGCAC-1-10x	0.21522684	0.716244	0.0010625
9mo_SIGAE3_CTAAGTGTGCAAGAC-1-10x	0.08622935	0.25694308	0.0039187
9mo_SIGAE3_CTAAGTGTCTAGAGCT-1-10x	0.02021184	0.02188497	3.62E-05
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.25486594	0.8573806	0.00079207
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.03527628	0.07552254	5.58E-05
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.10703261	0.33101395	0.0034182
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.05223635	0.1359096	0.00017575
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.26218128	0.8834272	0.00076727
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.29293433	0.9929247	0.00076488
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.04489359	0.10976537	9.39E-05
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.27168763	0.91727495	0.00075352
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.275854	0.9321095	0.00075214
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.05754897	0.15482539	0.00028394
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.04948761	0.1261226	0.00013566
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.15238446	0.4924911	0.0018651
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.08302914	0.24554858	0.0033032
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.06193529	0.17044307	0.00047505
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.0809183	0.23803285	0.0029431
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.26404604	0.8900668	0.00076313
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.03753606	0.08356858	6.07E-05
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.2850015	0.9646795	0.00075605
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.07311978	0.21026592	0.0015819
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.08334843	0.24668543	0.0034742
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.02403465	0.03549624	3.91E-05
9mo_SIGAE3_CTAAGTGTCAAGTCCCG-1-10x	0.0367413	0.08073882	5.82E-05

9mo_SIGAE3_CTCAATTCAATACCTG-1-10x	0.2655525	0.89543056	0.00075974
9mo_SIGAE3_CTCACTGGTCGTTGGC-1-10x	0.04213064	0.09992779	7.82E-05
9mo_SIGAE3_CTCAACAACAGTGG-1-10x	0.0825563	0.24386503	0.0033032
9mo_SIGAE3_CTCAGAATCAAGCCCG-1-10x	0.19521306	0.64498407	0.0012511
9mo_SIGAE3_CTCAGTCAGACATGCG-1-10x	0.03233822	0.06506146	4.83E-05
9mo_SIGAE3_CTCAGTCCAAGAGGTC-1-10x	0.08434462	0.2502324	0.0036353
9mo_SIGAE3_CTCAGTCGTGTGCTG-1-10x	0.10133403	0.3107239	0.0040036
9mo_SIGAE3_CTCAGTCTCGAACACT-1-10x	0.07485095	0.2164298	0.001885
9mo_SIGAE3_CTCATGCCAATGGCCC-1-10x	0.2637135	0.88888276	0.00076313
9mo_SIGAE3_CTCATGCCACTTGTCC-1-10x	0.05315394	0.1391767	0.00019264
9mo_SIGAE3_CTCATGCGTACATTGC-1-10x	0.0397328	0.09139016	6.67E-05
9mo_SIGAE3_CTCATGCGTGTCATGT-1-10x	0.0860463	0.25629133	0.0039187
9mo_SIGAE3_CTCATTAGTGGGACAT-1-10x	0.05809869	0.1567827	0.00031414
9mo_SIGAE3_CTCCAACAGCTGTGCC-1-10x	0.07561094	0.2191358	0.0020486
9mo_SIGAE3_CTCCAACTCATTCACT-1-10x	0.01650539	0.00868799	3.38E-05
9mo_SIGAE3_CTCCAACTCTGAATCG-1-10x	0.25026748	0.8410076	0.00081397
9mo_SIGAE3_CTCCACAGTACTCCCT-1-10x	0.08474489	0.25165758	0.0036353
9mo_SIGAE3_CTCCACAGTCAAGTTC-1-10x	0.267099	0.90093696	0.00075831
9mo_SIGAE3_CTCCATGCAAGTGGCA-1-10x	0.08003358	0.23488277	0.0027593
9mo_SIGAE3_CTCCATGCATCCCACT-1-10x	0.11970842	0.37614667	0.0023317
9mo_SIGAE3_CTCCCAACACAACGTT-1-10x	0.173572	0.5679302	0.0015922
9mo_SIGAE3_CTCCCAACAGAGGCTA-1-10x	0.14772674	0.47590712	0.0018716
9mo_SIGAE3_CTCCCAATCACGACTA-1-10x	0.2677788	0.90335745	0.00075705
9mo_SIGAE3_CTCCCAATCGCCATAA-1-10x	0.10439753	0.3216316	0.0037215
9mo_SIGAE3_CTCCCTCAGACAACAT-1-10x	0.02605757	0.04269895	4.09E-05
9mo_SIGAE3_CTCCCTCAGTATGAAC-1-10x	0.08535134	0.25381687	0.0037839
9mo_SIGAE3_CTCCCTCGTATGAAGT-1-10x	0.03139052	0.06168713	4.68E-05
9mo_SIGAE3_CTCCGATAGCAGCAGT-1-10x	0.08245	0.24348652	0.0033032
9mo_SIGAE3_CTCCGATGTTGCTAGT-1-10x	0.2938398	0.9961487	0.000766
9mo_SIGAE3_CTCCTCCAGAGGACTC-1-10x	0.25654355	0.86335385	0.00078463
9mo_SIGAE3_CTCCTCCATGCGTGC-1-10x	0.02022935	0.02194733	3.62E-05
9mo_SIGAE3_CTCCTTTAGGAGTACC-1-10x	0.01853586	0.01591759	3.49E-05
9mo_SIGAE3_CTCCTTTACGCGTGT-1-10x	0.10859797	0.3365875	0.0032165
9mo_SIGAE3_CTCCTTTGTAGCTTTG-1-10x	0.02624652	0.04337171	4.09E-05
9mo_SIGAE3_CTCGAGGGTCTACGTA-1-10x	0.02907993	0.05346017	4.42E-05
9mo_SIGAE3_CTCGAGGTCCCGAAAT-1-10x	0.04633989	0.11491498	0.00010046
9mo_SIGAE3_CTCTCAGAGAACCCGA-1-10x	0.22713506	0.7586437	0.00096676
9mo_SIGAE3_CTCTCAGCATCGGAAG-1-10x	0.17280486	0.5651988	0.0016089
9mo_SIGAE3_CTCTCAGGTGTGAATA-1-10x	0.03422722	0.07178732	5.17E-05
9mo_SIGAE3_CTCTGGTGTGGAATGC-1-10x	0.08837459	0.26458126	0.0041422
9mo_SIGAE3_CTGAATGAGACGGAAA-1-10x	0.12635855	0.39982477	0.0020256

9mo_SIGAE3_CTGAATGCATGGGCAA-1-10x	0.03269078	0.06631676	5.00E-05
9mo_SIGAE3_CTGAATGTCATGCGGC-1-10x	0.19660586	0.6499432	0.00124
9mo_SIGAE3_CTGAATGTCTTGCGAGA-1-10x	0.2891855	0.9795768	0.0007606
9mo_SIGAE3_CTGAGCGGTCATAACC-1-10x	0.09020668	0.2711045	0.0042999
9mo_SIGAE3_CTGATCCAGGATACAT-1-10x	0.08000744	0.2347897	0.0027593
9mo_SIGAE3_CTGATCCCATAACGGG-1-10x	0.29125112	0.9869316	0.00076269
9mo_SIGAE3_CTGATCCCATTCTTCA-1-10x	0.04757221	0.11930272	0.00011598
9mo_SIGAE3_CTGCAGGCATCGAGCC-1-10x	0.04085063	0.09537026	7.40E-05
9mo_SIGAE3_CTGCAGGGTACGAAAT-1-10x	0.20104414	0.6657459	0.0011888
9mo_SIGAE3_CTGCATCAGTATAGGT-1-10x	0.05223973	0.13592163	0.00017575
9mo_SIGAE3_CTGCATCGTGTATCCA-1-10x	0.0295828	0.05525068	4.55E-05
9mo_SIGAE3_CTGCCATAGCCGATCC-1-10x	0.08122999	0.23914264	0.0031253
9mo_SIGAE3_CTGCTCAAGCTTCGTA-1-10x	0.05657436	0.15135525	0.000257
9mo_SIGAE3_CTGCTCAGTCATCGCG-1-10x	0.0752428	0.217825	0.001885
9mo_SIGAE3_CTGCTCAGTTGCGGAA-1-10x	0.16552961	0.5392949	0.0017353
9mo_SIGAE3_CTGCTCATCAACTTTC-1-10x	0.27440822	0.9269617	0.00075233
9mo_SIGAE3_CTGGACGGTCAAGCCC-1-10x	0.17712012	0.5805634	0.0015248
9mo_SIGAE3_CTGGCAGAGCGAATGC-1-10x	0.10057867	0.30803442	0.0040879
9mo_SIGAE3_CTGGCAGGTAAGTACT-1-10x	0.09537835	0.28951845	0.0043808
9mo_SIGAE3_CTGGCAGGTCTTGTA-1-10x	0.21945785	0.73130864	0.0010253
9mo_SIGAE3_CTGGCAGTCCATCAGA-1-10x	0.11988068	0.37676004	0.0022788
9mo_SIGAE3_CTGGCAGTCCTGGGAC-1-10x	0.27170062	0.9173212	0.00075352
9mo_SIGAE3_CTGGCAGTCGGCTGTG-1-10x	0.01583155	0.00628878	3.33E-05
9mo_SIGAE3_CTGGTCTGTGGTCTCG-1-10x	0.14406474	0.4628684	0.0018716
9mo_SIGAE3_CTGTAGAAGGTCGACA-1-10x	0.04376723	0.10575491	8.81E-05
9mo_SIGAE3_CTGTATTAGCAAATCA-1-10x	0.17334639	0.56712687	0.0015922
9mo_SIGAE3_CTGTATTAGGAAGTCTG-1-10x	0.28480005	0.9639623	0.00075605
9mo_SIGAE3_CTGTATTAGTAGCAAT-1-10x	0.09302756	0.28114837	0.0044107
9mo_SIGAE3_CTGTTCGTAGCTAGAAT-1-10x	0.25957093	0.87413293	0.00077499
9mo_SIGAE3_CTGTTCGTAGTCATGGG-1-10x	0.19027007	0.62738436	0.0013113
9mo_SIGAE3_CTGTTCGTGTCTGTCCT-1-10x	0.03329312	0.06846143	5.00E-05
9mo_SIGAE3_CTGTGAACAGAACCGA-1-10x	0.02566256	0.04129251	4.00E-05
9mo_SIGAE3_CTGTGAAGTCCGGTCA-1-10x	0.2888762	0.97847563	0.0007606
9mo_SIGAE3_CTTACCGGTATGAAAC-1-10x	0.25727868	0.8659713	0.00078121
9mo_SIGAE3_CTTACCGGTGGAAGTC-1-10x	0.09303597	0.2811783	0.0044107
9mo_SIGAE3_CTTACCGGTTCGGACC-1-10x	0.2168862	0.7221522	0.0010475
9mo_SIGAE3_CTTAGGAAGAGTCTTC-1-10x	0.04599973	0.11370385	0.00010046
9mo_SIGAE3_CTTAGGAAGTTGCTGT-1-10x	0.08570516	0.25507668	0.0037839
9mo_SIGAE3_CTTAGGAGTCTAGATC-1-10x	0.08603229	0.2562414	0.0039187
9mo_SIGAE3_CTTCAATAGGGTTGCA-1-10x	0.04199662	0.09945061	7.82E-05
9mo_SIGAE3_CTTCCGAGTTGGTAGG-1-10x	0.05548132	0.14746343	0.000233

9mo_SIGAE3_CTTCCGATCGTTGCCT-1-10x	0.08716091	0.26025993	0.0040384
9mo_SIGAE3_CTTCTTGTTGCTCAA-1-10x	0.23690075	0.79341483	0.00089602
9mo_SIGAE3_CTTCTTTCTCTATGT-1-10x	0.18472628	0.60764545	0.0013959
9mo_SIGAE3_CTTCTGGTAGAGTGACC-1-10x	0.12917443	0.4098508	0.0019639
9mo_SIGAE3_CTTCTGGTAGCACACCC-1-10x	0.2299822	0.76878107	0.00094498
9mo_SIGAE3_CTTCTGGTCATACAGGG-1-10x	0.05179743	0.13434678	0.00016076
9mo_SIGAE3_CTTCTAACACACGGTC-1-10x	0.1577607	0.5116334	0.0018302
9mo_SIGAE3_CTTCTAACAGTGCGCT-1-10x	0.03420427	0.0717056	5.17E-05
9mo_SIGAE3_CTTCTAATCACGGGCT-1-10x	0.03973948	0.09141394	6.67E-05
9mo_SIGAE3_CTTCTAATCCTCATAT-1-10x	0.10239897	0.31451568	0.0039137
9mo_SIGAE3_CTTCTCTAGTATGGAT-1-10x	0.14930674	0.48153275	0.0018705
9mo_SIGAE3_CTTCTCTTCTTGATG-1-10x	0.29008773	0.9827893	0.00076163
9mo_SIGAE3_CTTGAGACATCATCTT-1-10x	0.01621346	0.00764858	3.33E-05
9mo_SIGAE3_CTTGAGATCGTTGCCT-1-10x	0.20837632	0.6918524	0.0011177
9mo_SIGAE3_CTTGAGATCTATCGGA-1-10x	0.049394	0.12578927	0.00013566
9mo_SIGAE3_CTTGATTTCTAACAG-1-10x	0.05386128	0.14169523	0.00019264
9mo_SIGAE3_CTTGATTTCTGCGAC-1-10x	0.04790206	0.12047716	0.00011598
9mo_SIGAE3_CTTTCGGAGCGATTCT-1-10x	0.07919589	0.23190013	0.002576
9mo_SIGAE3_CTTTCGGGTGACTATC-1-10x	0.20102893	0.66569173	0.0011888
9mo_SIGAE3_CTTTCGGGTGGCTGCT-1-10x	0.08619665	0.25682664	0.0039187
9mo_SIGAE3_CTTTCGGTCAAACCCA-1-10x	0.08038265	0.23612566	0.0029431
9mo_SIGAE3_GAAACCTAGGAAAGTG-1-10x	0.05439257	0.14358689	0.00021164
9mo_SIGAE3_GAAACCTCAAAGCAAT-1-10x	0.03081136	0.059625	4.68E-05
9mo_SIGAE3_GAAACCTCAGCCTATA-1-10x	0.09025589	0.27127975	0.0042999
9mo_SIGAE3_GAAACCTGTCTACAAC-1-10x	0.16882646	0.5510335	0.0016744
9mo_SIGAE3_GAAACCTCTTTTCAGT-1-10x	0.06711171	0.18887392	0.00079936
9mo_SIGAE3_GAACACTAGTAGACCG-1-10x	0.04266442	0.10182834	7.82E-05
9mo_SIGAE3_GAACACTTCTCAATCT-1-10x	0.06008231	0.16384546	0.00038577
9mo_SIGAE3_GAACGTTTCAGTGTATC-1-10x	0.19631733	0.6489159	0.00124
9mo_SIGAE3_GAACGTTGTGGAAATT-1-10x	0.05910287	0.16035813	0.00034795
9mo_SIGAE3_GAAGAATCAACGACTT-1-10x	0.04482685	0.10952775	9.39E-05
9mo_SIGAE3_GAAGAATGTCCATCTC-1-10x	0.12686107	0.40161398	0.0020256
9mo_SIGAE3_GAAGAATGTGTTGATC-1-10x	0.04359946	0.10515756	8.29E-05
9mo_SIGAE3_GAAGCCCAGAACCCGA-1-10x	0.02093083	0.02444497	3.62E-05
9mo_SIGAE3_GAAGCCCGTGATAGAT-1-10x	0.10830808	0.33555532	0.0033168
9mo_SIGAE3_GAAGCGAAGTCCTGTA-1-10x	0.06629951	0.18598205	0.00079936
9mo_SIGAE3_GAAGCGACAAGTGATA-1-10x	0.03544527	0.07612423	5.58E-05
9mo_SIGAE3_GAAGGACGTGGTAATA-1-10x	0.23805216	0.7975145	0.00088935
9mo_SIGAE3_GAAGGGTAGAGGTGCT-1-10x	0.07936467	0.2325011	0.0027593
9mo_SIGAE3_GAAGTAATCATAGACC-1-10x	0.21434823	0.71311563	0.0010701
9mo_SIGAE3_GAATAGAGTCGCATGC-1-10x	0.01597002	0.0067818	3.33E-05

9mo_SIGAE3_GAATAGATCACATACG-1-10x	0.18167678	0.5967876	0.0014587
9mo_SIGAE3_GAATCACAGTATTCCG-1-10x	0.08062881	0.23700212	0.0029431
9mo_SIGAE3_GACACGCCATGTGCCG-1-10x	0.05183902	0.13449489	0.00016076
9mo_SIGAE3_GACACGCGTAGCTTTG-1-10x	0.15045887	0.48563495	0.0018694
9mo_SIGAE3_GACATCAAGTCGGCCT-1-10x	0.0798913	0.23437618	0.0027593
9mo_SIGAE3_GACATCAGTTACCTTT-1-10x	0.27032685	0.91242987	0.00075418
9mo_SIGAE3_GACATCAGTTAGAAAC-1-10x	0.05056414	0.1299556	0.00014746
9mo_SIGAE3_GACCAATCAGGCATTT-1-10x	0.22799909	0.7617201	0.00095947
9mo_SIGAE3_GACCCAGAGCCTCGTG-1-10x	0.14982979	0.48339507	0.0018694
9mo_SIGAE3_GACCCAGCATCGATCA-1-10x	0.07527785	0.21794981	0.001885
9mo_SIGAE3_GACCCTTAGAGGCGTT-1-10x	0.18575518	0.6113089	0.0013809
9mo_SIGAE3_GACCGTGAGTCAGGGT-1-10x	0.05664777	0.15161663	0.000257
9mo_SIGAE3_GACCGTGCAGGGAATC-1-10x	0.2803638	0.94816685	0.00075348
9mo_SIGAE3_GACCGTGGTATCGTAC-1-10x	0.23558743	0.7887387	0.00090278
9mo_SIGAE3_GACCGTGGTTCACGAT-1-10x	0.19937074	0.65978765	0.0012085
9mo_SIGAE3_GACCTTCAGGACAGTC-1-10x	0.05426295	0.14312537	0.00021164
9mo_SIGAE3_GACCTTCAGTAAACAC-1-10x	0.03471213	0.07351387	5.37E-05
9mo_SIGAE3_GACCTTCGTTACGGAG-1-10x	0.08160373	0.24047334	0.0031253
9mo_SIGAE3_GACGCTGAGCATTGTC-1-10x	0.04710695	0.11764614	0.00010777
9mo_SIGAE3_GACGCTGGTCCCGCAA-1-10x	0.08641629	0.25760868	0.0039187
9mo_SIGAE3_GACGTTACAGCGTATT-1-10x	0.26783043	0.90354127	0.00075705
9mo_SIGAE3_GACTCAATCGACGAGA-1-10x	0.11052646	0.34345394	0.0030221
9mo_SIGAE3_GACTCTCTCACTCTTA-1-10x	0.15112415	0.4880037	0.0018676
9mo_SIGAE3_GACTCTCTCGTCTACC-1-10x	0.05997641	0.16346839	0.00038577
9mo_SIGAE3_GACTCTCTCTACCAGA-1-10x	0.14968297	0.4828723	0.0018705
9mo_SIGAE3_GACTGATGTTGTGTAC-1-10x	0.10120016	0.31024727	0.0040036
9mo_SIGAE3_GACTTCCGTGATGTAA-1-10x	0.10076328	0.3086917	0.0040879
9mo_SIGAE3_GAGAAATCATGCGGTC-1-10x	0.0190943	0.01790592	3.49E-05
9mo_SIGAE3_GAGAAATGTATCGGTT-1-10x	0.08212384	0.24232523	0.0031253
9mo_SIGAE3_GAGACCCTCGGTGTAT-1-10x	0.03759366	0.08377367	6.07E-05
9mo_SIGAE3_GAGACTTGTCAGGTAG-1-10x	0.09302465	0.281138	0.0044107
9mo_SIGAE3_GAGAGGTCAGAAGCTG-1-10x	0.24725974	0.8302984	0.0008292
9mo_SIGAE3_GAGAGGTCAGCACCCA-1-10x	0.09109156	0.27425516	0.0043535
9mo_SIGAE3_GAGAGGTCATAATGCC-1-10x	0.20077522	0.66478837	0.0011888
9mo_SIGAE3_GAGAGGTCATTCTCTA-1-10x	0.06059148	0.16565838	0.00042799
9mo_SIGAE3_GAGAGGTGTGATACCT-1-10x	0.12982513	0.41216767	0.0019639
9mo_SIGAE3_GAGATGGGTGACTCTA-1-10x	0.24438412	0.8200597	0.00084583
9mo_SIGAE3_GAGCTGCCAAGGTCTT-1-10x	0.10458109	0.3222852	0.0037215
9mo_SIGAE3_GAGCTGCTCACGAACT-1-10x	0.1635835	0.53236574	0.001763
9mo_SIGAE3_GAGGCAAAGCCGTAAG-1-10x	0.22495206	0.750871	0.00098137
9mo_SIGAE3_GAGGCAACAAAGGGTC-1-10x	0.10214292	0.31360397	0.0039137

9mo_SIGAE3_GAGGCCTTCAGAATAG-1-10x	0.07024265	0.20002177	0.0011935
9mo_SIGAE3_GAGGGATCATGACGGA-1-10x	0.28545293	0.9662869	0.00075686
9mo_SIGAE3_GAGGGATGTGCGGTAA-1-10x	0.09587453	0.29128516	0.0043808
9mo_SIGAE3_GAGGGATTCAATCTCT-1-10x	0.05064116	0.13022985	0.00014746
9mo_SIGAE3_GAGGGATTCCACGTCT-1-10x	0.08829939	0.26431355	0.0041422
9mo_SIGAE3_GAGGGTAAGTAACGTA-1-10x	0.05134181	0.13272454	0.00016076
9mo_SIGAE3_GAGGGTACAGAGGCAT-1-10x	0.06454936	0.17975056	0.00064991
9mo_SIGAE3_GAGTCATAGCCTCAAT-1-10x	0.09118795	0.2745984	0.0043535
9mo_SIGAE3_GAGTCATCACTGAATC-1-10x	0.21378566	0.7111126	0.0010701
9mo_SIGAE3_GAGTCATCAGGCACAA-1-10x	0.08544148	0.2541378	0.0037839
9mo_SIGAE3_GAGTCATGTTGGCCTG-1-10x	0.28278327	0.95678145	0.00075462
9mo_SIGAE3_GAGTCTAGTGCAGGAT-1-10x	0.2466289	0.8280523	0.0008292
9mo_SIGAE3_GAGTCTATCCGTGTAA-1-10x	0.02581038	0.0418188	4.09E-05
9mo_SIGAE3_GAGTCTATCTAAGCCA-1-10x	0.01580905	0.00620865	3.33E-05
9mo_SIGAE3_GAGTGAGTCAATGTTCG-1-10x	0.10442682	0.32173592	0.0037215
9mo_SIGAE3_GAGTGAGTCGGACTGC-1-10x	0.03804864	0.08539367	6.36E-05
9mo_SIGAE3_GAGTGTTTCCCTCGAT-1-10x	0.03237272	0.06518432	4.83E-05
9mo_SIGAE3_GAGTTACCAGATACCT-1-10x	0.24551158	0.82407403	0.00084014
9mo_SIGAE3_GAGTTGTCAAGTGGAC-1-10x	0.02095924	0.02454614	3.62E-05
9mo_SIGAE3_GAGTTGTCAGCAGTCC-1-10x	0.11849147	0.37181368	0.0023898
9mo_SIGAE3_GAGTTTGAGATTGCGG-1-10x	0.23737027	0.79508656	0.00088935
9mo_SIGAE3_GATAGAATCCACTAGA-1-10x	0.05393154	0.14194539	0.00019264
9mo_SIGAE3_GATAGCTAGAATCGAT-1-10x	0.0556314	0.14799781	0.000233
9mo_SIGAE3_GATAGCTAGAATTCAG-1-10x	0.15871106	0.5150172	0.0018209
9mo_SIGAE3_GATAGCTAGGAAGTCC-1-10x	0.09022647	0.271175	0.0042999
9mo_SIGAE3_GATAGCTATTAAGCC-1-10x	0.26013544	0.8761429	0.00077221
9mo_SIGAE3_GATCACATCACTCACC-1-10x	0.23622109	0.7909949	0.00089602
9mo_SIGAE3_GATCACATCCTAGCTC-1-10x	0.09493181	0.28792855	0.0044051
9mo_SIGAE3_GATCAGTAGCGGGTAT-1-10x	0.092543	0.2794231	0.0044107
9mo_SIGAE3_GATCAGTGTCAGCCA-1-10x	0.10351893	0.31850332	0.0038193
9mo_SIGAE3_GATCAGTTCAAACCTG-1-10x	0.24363439	0.8173902	0.00085167
9mo_SIGAE3_GATCAGTTCATCTACT-1-10x	0.02357948	0.0338756	3.83E-05
9mo_SIGAE3_GATCATGCAAGTGATA-1-10x	0.21270633	0.7072696	0.0010856
9mo_SIGAE3_GATCATGGTACCGTCG-1-10x	0.04205086	0.09964372	7.82E-05
9mo_SIGAE3_GATGAGGGTACGCTAT-1-10x	0.08419925	0.2497148	0.0036353
9mo_SIGAE3_GATGATCAGCTCCATA-1-10x	0.07388943	0.2130063	0.0017292
9mo_SIGAE3_GATGCTAAGAATACAC-1-10x	0.04746158	0.11890881	0.00011598
9mo_SIGAE3_GATGCTACACTAGTAC-1-10x	0.01625054	0.00778059	3.33E-05
9mo_SIGAE3_GATGGAGAGTCACGCC-1-10x	0.03163563	0.06255985	4.83E-05
9mo_SIGAE3_GATGGAGGTATAGGGC-1-10x	0.08734434	0.26091304	0.0040384
9mo_SIGAE3_GATGGAGGTGGGCTTC-1-10x	0.2608776	0.87878543	0.00076963

9mo_SIGAE3_GATGGAGGTTTCGCTC-1-10x	0.07154878	0.20467228	0.0013138
9mo_SIGAE3_GATGTTGAGCGCCCAT-1-10x	0.05266078	0.1374208	0.00017575
9mo_SIGAE3_GATGTTGTCCATAAG-1-10x	0.05501516	0.14580366	0.000233
9mo_SIGAE3_GATTTCGATCCATTTCA-1-10x	0.15694413	0.50872594	0.0018385
9mo_SIGAE3_GATTTCGATCGGCCAAC-1-10x	0.03111289	0.06069863	4.68E-05
9mo_SIGAE3_GATTCTTAGAGCATCG-1-10x	0.14248805	0.4572545	0.0018718
9mo_SIGAE3_GATTCTTCAATGTGGG-1-10x	0.20082776	0.66497546	0.0011888
9mo_SIGAE3_GATTCTTTCTTGAGCA-1-10x	0.2588249	0.8714767	0.00077499
9mo_SIGAE3_GATTGGTAGACATACA-1-10x	0.03599985	0.07809885	5.58E-05
9mo_SIGAE3_GATTGGTTCATTCTTG-1-10x	0.08124851	0.23920856	0.0031253
9mo_SIGAE3_GATTTCTAGTGTAGTA-1-10x	0.26722988	0.90140295	0.00075705
9mo_SIGAE3_GCAACATAGACGAGCT-1-10x	0.28028744	0.947895	0.00075303
9mo_SIGAE3_GCAACATAGATGGTTCG-1-10x	0.07360524	0.21199441	0.0015819
9mo_SIGAE3_GCAACATAGTAATTGG-1-10x	0.04733174	0.1184465	0.00010777
9mo_SIGAE3_GCAACATAGTCACGAG-1-10x	0.03364106	0.06970029	5.17E-05
9mo_SIGAE3_GCAACATGTTTCGGTTCG-1-10x	0.25761446	0.8671669	0.00078121
9mo_SIGAE3_GCAACATTCAAGCCTA-1-10x	0.02101811	0.02475573	3.62E-05
9mo_SIGAE3_GCAACCGGTCAGTTTG-1-10x	0.17237142	0.56365544	0.0016089
9mo_SIGAE3_GCACATAGTCTGATCA-1-10x	0.03486213	0.07404794	5.37E-05
9mo_SIGAE3_GCACGGTCAGAGGACT-1-10x	0.25394288	0.854094	0.00079608
9mo_SIGAE3_GCACGGTTCAAAGCCT-1-10x	0.01721806	0.01122551	3.38E-05
9mo_SIGAE3_GCACGGTTCGTGGTAT-1-10x	0.21554978	0.7173938	0.001055
9mo_SIGAE3_GCACGTGTCGACCATA-1-10x	0.02920072	0.05389025	4.42E-05
9mo_SIGAE3_GCACTAAAGTACCCTA-1-10x	0.15394029	0.4980307	0.0018575
9mo_SIGAE3_GCACTAATCGCGGACT-1-10x	0.16007076	0.5198585	0.0018109
9mo_SIGAE3_GCAGCTGAGAGTCACG-1-10x	0.12272555	0.3868893	0.0021479
9mo_SIGAE3_GCAGCTGGTGGAATT-1-10x	0.01719794	0.01115385	3.38E-05
9mo_SIGAE3_GCAGCTGGTTGGGAAC-1-10x	0.0171847	0.01110671	3.38E-05
9mo_SIGAE3_GCAGGCTCACCGTACG-1-10x	0.27390167	0.92515814	0.00075233
9mo_SIGAE3_GCAGGCTCAGAGATTA-1-10x	0.07708036	0.22436772	0.0022191
9mo_SIGAE3_GCAGGCTGTAGATTAG-1-10x	0.22773543	0.76078135	0.00096676
9mo_SIGAE3_GCAGTTAGTCTACAAC-1-10x	0.02029095	0.02216667	3.62E-05
9mo_SIGAE3_GCATCGGGTCCTCAGG-1-10x	0.08080178	0.23761797	0.0029431
9mo_SIGAE3_GCCAACGAGTGTAGTA-1-10x	0.09632589	0.29289222	0.0043435
9mo_SIGAE3_GCCAACGTCCAGCACG-1-10x	0.0575241	0.15473686	0.00028394
9mo_SIGAE3_GCCAACGTCTCGCCTA-1-10x	0.11838368	0.37142992	0.0023898
9mo_SIGAE3_GCCAGGTAGGAACGTC-1-10x	0.03355227	0.06938415	5.17E-05
9mo_SIGAE3_GCCATGGCAAGACTGG-1-10x	0.1412003	0.45266944	0.0018734
9mo_SIGAE3_GCCATGGCAGGCACAA-1-10x	0.01523608	0.00416858	3.27E-05
9mo_SIGAE3_GCCATGGGTTGCCAAT-1-10x	0.18048175	0.59253263	0.001475
9mo_SIGAE3_GCCATTCTCACCTTG-1-10x	0.05786047	0.1559345	0.00031414

9mo_SIGAE3_GCCCAGAAGGGTCTTT-1-10x	0.24936616	0.8377985	0.00081397
9mo_SIGAE3_GCCCAGACATCTAGAC-1-10x	0.07429553	0.2144522	0.0017292
9mo_SIGAE3_GCCCAGATCACATCAG-1-10x	0.07702437	0.22416838	0.0022191
9mo_SIGAE3_GCCCGAATCACGACTA-1-10x	0.07359324	0.2119517	0.0015819
9mo_SIGAE3_GCCGATGAGGAAGTAG-1-10x	0.18522921	0.60943615	0.0013959
9mo_SIGAE3_GCCGATGAGGACCCAA-1-10x	0.03103439	0.06041911	4.68E-05
9mo_SIGAE3_GCCGATGTCCGCCTAT-1-10x	0.05798535	0.15637913	0.00031414
9mo_SIGAE3_GCCGTGAAGTCTTCGA-1-10x	0.03345924	0.06905291	5.17E-05
9mo_SIGAE3_GCCTGTTCACAAATGA-1-10x	0.09919171	0.3030961	0.0041652
9mo_SIGAE3_GCCTGTTCCCGAAAT-1-10x	0.01791117	0.01369336	3.44E-05
9mo_SIGAE3_GCGATCGCATCGGAAG-1-10x	0.03303768	0.06755191	5.00E-05
9mo_SIGAE3_GCGATCGGTCTTTCC-1-10x	0.08933019	0.26798373	0.0042295
9mo_SIGAE3_GCGGAAAAGAAGTCTA-1-10x	0.08927236	0.26777783	0.0042295
9mo_SIGAE3_GCGGAAACAGCACAGA-1-10x	0.26732248	0.9017327	0.00075705
9mo_SIGAE3_GCGGATCTCGAAGTGG-1-10x	0.1015515	0.31149822	0.0040036
9mo_SIGAE3_GCGGATCTCTGCGGGT-1-10x	0.12443235	0.39296642	0.0021124
9mo_SIGAE3_GCGTGCAAGGTAGGCT-1-10x	0.04462561	0.10881122	9.39E-05
9mo_SIGAE3_GCGTGCAACACAAA-1-10x	0.06324282	0.17509857	0.00052741
9mo_SIGAE3_GCGTTTCAGCACGGAT-1-10x	0.28237078	0.9553127	0.00075462
9mo_SIGAE3_GCGTTTCAGCCATTGT-1-10x	0.03890131	0.08842961	6.36E-05
9mo_SIGAE3_GCGTTTCGTGTGTGGA-1-10x	0.10505165	0.32396066	0.0036214
9mo_SIGAE3_GCTACAATCTCTGGTC-1-10x	0.04514722	0.11066844	9.39E-05
9mo_SIGAE3_GCTCAAAGCAAATGT-1-10x	0.05172961	0.13410532	0.00016076
9mo_SIGAE3_GCTCAAACACTCCCTA-1-10x	0.0652462	0.18223168	0.00064991
9mo_SIGAE3_GCTCAAAGTACGATGG-1-10x	0.23076792	0.7715786	0.00093779
9mo_SIGAE3_GCTCAAATCCGGCTTT-1-10x	0.26641238	0.8984922	0.00075831
9mo_SIGAE3_GCTGCAGAGACCATTC-1-10x	0.09182881	0.27688017	0.0043903
9mo_SIGAE3_GCTGCAGCAGAGTCAG-1-10x	0.29243076	0.9911317	0.00076378
9mo_SIGAE3_GCTGCAGGTAACGCGA-1-10x	0.05326157	0.13955992	0.00019264
9mo_SIGAE3_GCTGCAGGTCCCGTGA-1-10x	0.08492018	0.2522817	0.0036353
9mo_SIGAE3_GCTGCAGTCGCGGTAC-1-10x	0.27577108	0.93181425	0.00075214
9mo_SIGAE3_GCTGGGTAGACTCAA-1-10x	0.22294949	0.7437408	0.0010033
9mo_SIGAE3_GCTGGGTGTATTCTCT-1-10x	0.04577687	0.11291034	0.00010046
9mo_SIGAE3_GCTTCACAGATTCGAA-1-10x	0.04558608	0.11223103	0.00010046
9mo_SIGAE3_GCTTCACGTATCCTCC-1-10x	0.17115459	0.5593229	0.0016421
9mo_SIGAE3_GCTTCACGTATGGAAT-1-10x	0.04156039	0.0978974	7.40E-05
9mo_SIGAE3_GCTTGGGCAGGGATAC-1-10x	0.26162896	0.88146067	0.00076727
9mo_SIGAE3_GCTTTGAGCACCGAA-1-10x	0.26808634	0.90445244	0.00075705
9mo_SIGAE3_GCTTTGAGTGATAGT-1-10x	0.0469601	0.11712329	0.00010777
9mo_SIGAE3_GCTTTGTCGCAATGT-1-10x	0.0761806	0.22116409	0.0020486
9mo_SIGAE3_GGAACCCAGTTACCA-1-10x	0.03382457	0.07035369	5.17E-05

9mo_SIGAE3_GGAACCCTCGAGTCCG-1-10x	0.15941277	0.51751566	0.0018109
9mo_SIGAE3_GGAAGTGAGCAGCAGT-1-10x	0.08336085	0.24672966	0.0034742
9mo_SIGAE3_GGAAGTGGTTGCTAGT-1-10x	0.27476785	0.9282422	0.00075218
9mo_SIGAE3_GGAATCTCACATAACC-1-10x	0.25379413	0.85356444	0.00079608
9mo_SIGAE3_GGAATCTCAGCATGCC-1-10x	0.2596572	0.87444013	0.00077499
9mo_SIGAE3_GGAATCTGTCTGCATA-1-10x	0.08472277	0.2515788	0.0036353
9mo_SIGAE3_GGAATCTGTGCAACGA-1-10x	0.28033414	0.9480612	0.00075303
9mo_SIGAE3_GGAATCTTCCCAACTC-1-10x	0.04651757	0.11554761	0.00010777
9mo_SIGAE3_GGAATCTTCGTGGCGT-1-10x	0.261294	0.88026804	0.00076963
9mo_SIGAE3_GGAATGGAGATAGCAT-1-10x	0.2043686	0.6775828	0.0011518
9mo_SIGAE3_GGAATGGTCCGGCAAC-1-10x	0.04145972	0.09753896	7.40E-05
9mo_SIGAE3_GGAGAACAGGGCCAAT-1-10x	0.05014847	0.12847559	0.00013566
9mo_SIGAE3_GGAGAACTCCGCAGTG-1-10x	0.13216428	0.4204963	0.0019219
9mo_SIGAE3_GGAGATGAGCGGGTAT-1-10x	0.27695072	0.9360144	0.00075222
9mo_SIGAE3_GGAGATGCAGCGGTTC-1-10x	0.09648804	0.29346958	0.0043435
9mo_SIGAE3_GGAGATGCATGACGAG-1-10x	0.04089379	0.09552392	7.40E-05
9mo_SIGAE3_GGAGATGGTCCGAAAG-1-10x	0.2709796	0.91475403	0.00075352
9mo_SIGAE3_GGAGATGTCTTCCAGC-1-10x	0.01927097	0.01853497	3.55E-05
9mo_SIGAE3_GGAGCAACAAGCGCAA-1-10x	0.13613245	0.43462512	0.0018891
9mo_SIGAE3_GGAGCAAGTCTAGATC-1-10x	0.04042122	0.09384133	7.01E-05
9mo_SIGAE3_GGAGCAATCCTGTAGA-1-10x	0.23518145	0.7872932	0.00090964
9mo_SIGAE3_GGAGGATAGAGAGCAA-1-10x	0.04736831	0.11857671	0.00010777
9mo_SIGAE3_GGAGGATCATCCGAGC-1-10x	0.03110639	0.06067549	4.68E-05
9mo_SIGAE3_GGAGGATTCAAGGCTT-1-10x	0.23888183	0.80046856	0.00088278
9mo_SIGAE3_GGAGGATTCTTACGC-1-10x	0.2722854	0.9194034	0.000753
9mo_SIGAE3_GGAGGTAAGTTGTCTGT-1-10x	0.0820163	0.24194232	0.0031253
9mo_SIGAE3_GGATCTAAGTGTAGAT-1-10x	0.19872233	0.657479	0.0012085
9mo_SIGAE3_GGATGTTTCAGAGCGA-1-10x	0.01731547	0.01157233	3.38E-05
9mo_SIGAE3_GGCACGTACGGGAGAG-1-10x	0.08954518	0.2687492	0.0042295
9mo_SIGAE3_GGCACGTTCGGCATT-1-10x	0.11660058	0.3650811	0.0025211
9mo_SIGAE3_GGCAGTCGTGGCAACA-1-10x	0.01757318	0.01248993	3.44E-05
9mo_SIGAE3_GGCTGTGTCCAATCTT-1-10x	0.2472768	0.83035916	0.0008292
9mo_SIGAE3_GGCTGTGTCTGTGCTC-1-10x	0.17581074	0.5759013	0.0015585
9mo_SIGAE3_GGCTTGTCCTAACAG-1-10x	0.26820266	0.9048666	0.00075594
9mo_SIGAE3_GGCTTGGTCTGGTGGC-1-10x	0.05074859	0.13061236	0.00014746
9mo_SIGAE3_GGCTTGGTCTTCCCAG-1-10x	0.14640768	0.4712105	0.0018717
9mo_SIGAE3_GGCTTTCAGATTAGTG-1-10x	0.2619326	0.88254184	0.00076727
9mo_SIGAE3_GGCTTTCCAAAGTATG-1-10x	0.08850497	0.26504552	0.0041422
9mo_SIGAE3_GGCTTTCGTCTCGGT-1-10x	0.07869795	0.2301272	0.002576
9mo_SIGAE3_GGCTTTCGTTTCGATG-1-10x	0.05361129	0.14080511	0.00019264
9mo_SIGAE3_GGGAAGTCAAATGATG-1-10x	0.09814325	0.29936302	0.0042345

9mo_SIGAE3_GGGAAGTCAGGCGAAT-1-10x	0.28336433	0.9588503	0.00075531
9mo_SIGAE3_GGGACAAAGGAAGTAG-1-10x	0.04650715	0.11551053	0.00010777
9mo_SIGAE3_GGGACAACAAGAAACT-1-10x	0.1000196	0.30604383	0.0040879
9mo_SIGAE3_GGGACCTTCACAATGC-1-10x	0.07307918	0.21012135	0.0015819
9mo_SIGAE3_GGGACTCTCTCGGTAA-1-10x	0.03982993	0.09173602	6.67E-05
9mo_SIGAE3_GGGACTCTCTGCAGCG-1-10x	0.05327238	0.13959841	0.00019264
9mo_SIGAE3_GGGAGATAGTCCGTCG-1-10x	0.26907626	0.90797704	0.00075594
9mo_SIGAE3_GGGAGTACACTTCTCG-1-10x	0.09409405	0.28494567	0.0044154
9mo_SIGAE3_GGGAGTACATTGGATC-1-10x	0.01592046	0.00660534	3.33E-05
9mo_SIGAE3_GGGATCCCAACAAGTA-1-10x	0.04014278	0.09284992	7.01E-05
9mo_SIGAE3_GGGATCCGTTCAAGGG-1-10x	0.18762864	0.61797947	0.0013519
9mo_SIGAE3_GGGATCCTCAGTGCGC-1-10x	0.19870836	0.6574292	0.0012085
9mo_SIGAE3_GGGATGAAGTTCATGC-1-10x	0.11545856	0.36101487	0.002594
9mo_SIGAE3_GGGATGACATGGCCA-1-10x	0.09863275	0.30110592	0.0042345
9mo_SIGAE3_GGGATGAGTACGCTAT-1-10x	0.05376122	0.14133894	0.00019264
9mo_SIGAE3_GGGATGAGTATGAGCG-1-10x	0.09028933	0.27139878	0.0042999
9mo_SIGAE3_GGGATGATCTTGAACG-1-10x	0.11329897	0.35332558	0.0027534
9mo_SIGAE3_GGGATGATCTTTGCGC-1-10x	0.08179476	0.24115354	0.0031253
9mo_SIGAE3_GGGCCATAGAACGCGT-1-10x	0.25763935	0.86725545	0.00078121
9mo_SIGAE3_GGGCCATAGGGACTGT-1-10x	0.19793585	0.6546787	0.0012187
9mo_SIGAE3_GGGCCATTCAAGTGTG-1-10x	0.07665387	0.22284918	0.0022191
9mo_SIGAE3_GGGCTACGTTGACTGT-1-10x	0.01898271	0.01750861	3.49E-05
9mo_SIGAE3_GGGCTCAAGCAGGTCA-1-10x	0.01643427	0.00843477	3.38E-05
9mo_SIGAE3_GGGCTCACAAGAAGAACT-1-10x	0.14197497	0.45542768	0.0018724
9mo_SIGAE3_GGGTAGACAGTAACAA-1-10x	0.01938183	0.01892968	3.55E-05
9mo_SIGAE3_GGGTATTAGCTCTATG-1-10x	0.27833804	0.940954	0.00075239
9mo_SIGAE3_GGGTATTCAAATCAGA-1-10x	0.25748253	0.86669713	0.00078121
9mo_SIGAE3_GGGTATTGACACCAGA-1-10x	0.03515118	0.07507714	5.37E-05
9mo_SIGAE3_GGGTATTGTCATTCCC-1-10x	0.03809985	0.08557599	6.36E-05
9mo_SIGAE3_GGGTATTTCCGCTTAC-1-10x	0.06245925	0.17230867	0.00052741
9mo_SIGAE3_GGGTATTTCTGCTTAT-1-10x	0.0615505	0.169073	0.00047505
9mo_SIGAE3_GGGTCACCAACCGGAA-1-10x	0.0432862	0.1040422	8.29E-05
9mo_SIGAE3_GGGTCTGCATGGTACT-1-10x	0.26971415	0.9102483	0.00075499
9mo_SIGAE3_GGGTCTGGTCATCTAG-1-10x	0.10394753	0.32002938	0.0037215
9mo_SIGAE3_GGGTCTGGTTGCTAGT-1-10x	0.11851653	0.3719029	0.0023898
9mo_SIGAE3_GGGTCTGTCAACACGT-1-10x	0.27939504	0.9447175	0.00075266
9mo_SIGAE3_GGGTGAACACCAGACC-1-10x	0.02126236	0.0256254	3.69E-05
9mo_SIGAE3_GGGTGAAGTCCCGGTA-1-10x	0.2520279	0.8472757	0.00080467
9mo_SIGAE3_GGGTGTCAGCAGCCTC-1-10x	0.08557667	0.25461918	0.0037839
9mo_SIGAE3_GGGTGTCAGGACAGTC-1-10x	0.25296012	0.8505949	0.00080028
9mo_SIGAE3_GGGTGTCAGGCTGAAC-1-10x	0.04858242	0.1228996	0.00012523

9mo_SIGAE3_GGGTGTCTGTGTTTG-1-10x	0.05025128	0.12884168	0.00014746
9mo_SIGAE3_GGGTTATAGCTGGTGA-1-10x	0.0277149	0.04859994	4.30E-05
9mo_SIGAE3_GGGTTATGTACCGGAA-1-10x	0.06257137	0.17270786	0.00052741
9mo_SIGAE3_GGGTTATTCGGAGATG-1-10x	0.27736342	0.93748385	0.00075222
9mo_SIGAE3_GGGTTTACTGCGCT-1-10x	0.05111048	0.13190089	0.00014746
9mo_SIGAE3_GGGTTTAGTATTCCTT-1-10x	0.03546391	0.0761906	5.58E-05
9mo_SIGAE3_GGGTTTAGTGTGTACT-1-10x	0.2720531	0.91857624	0.000753
9mo_SIGAE3_GGGTTTATCCGACGGT-1-10x	0.2438324	0.81809527	0.00084583
9mo_SIGAE3_GGTAAGTAGGGCGAGA-1-10x	0.08683848	0.2591119	0.0039187
9mo_SIGAE3_GGTAAGTGTACCCAA-1-10x	0.03074538	0.05939008	4.68E-05
9mo_SIGAE3_GGTAATCCAATTCCT-1-10x	0.05040842	0.12940118	0.00014746
9mo_SIGAE3_GGTAGAGTCATGCCGG-1-10x	0.25768828	0.86742973	0.00078121
9mo_SIGAE3_GGTCACGCAAATGCTC-1-10x	0.05243558	0.13661894	0.00017575
9mo_SIGAE3_GGTCACGCACTTGCGG-1-10x	0.27120125	0.9155432	0.00075352
9mo_SIGAE3_GGTCACGGTATGACAA-1-10x	0.01844245	0.01558501	3.49E-05
9mo_SIGAE3_GGTCACGGTCAGGTGA-1-10x	0.10809875	0.33481	0.0033168
9mo_SIGAE3_GGTCTGGAGCGTCAAG-1-10x	0.27126622	0.9157745	0.00075352
9mo_SIGAE3_GGTCTGGCATCGATAC-1-10x	0.03547473	0.07622913	5.58E-05
9mo_SIGAE3_GGTGATTGTGCTCGA-1-10x	0.05416047	0.1427605	0.00021164
9mo_SIGAE3_GGTGGCTAGTCAGCGA-1-10x	0.2100331	0.69775146	0.0011014
9mo_SIGAE3_GGTGGCTCAAAGGGTC-1-10x	0.02377519	0.03457245	3.83E-05
9mo_SIGAE3_GGTGGCTCAATGAACA-1-10x	0.08062267	0.23698023	0.0029431
9mo_SIGAE3_GGTGGCTGTCGTGATT-1-10x	0.05353094	0.14051902	0.00019264
9mo_SIGAE3_GGTGTGCGATGACCCG-1-10x	0.09105923	0.27414006	0.0043535
9mo_SIGAE3_GGTGTGCGTATCGCTA-1-10x	0.08230607	0.24297407	0.0033032
9mo_SIGAE3_GGTGTGCGTGGAACCA-1-10x	0.22662778	0.7568375	0.00097406
9mo_SIGAE3_GGTGTGCGTTGGTGTT-1-10x	0.09026253	0.2713034	0.0042999
9mo_SIGAE3_GGTGTGCGTCAAGGCTT-1-10x	0.1922631	0.6344806	0.0012861
9mo_SIGAE3_GGTGTGCGTCCGAACG-1-10x	0.15261915	0.49332672	0.0018617
9mo_SIGAE3_GGTGTGCGTCTGGGTC-1-10x	0.2057982	0.68267286	0.001143
9mo_SIGAE3_GGTGTGCGTCTCATGCC-1-10x	0.23147275	0.7740882	0.00093779
9mo_SIGAE3_GGTGTTACAGTGCCT-1-10x	0.10638402	0.3287046	0.00352
9mo_SIGAE3_GGTGTTACATGCAGCC-1-10x	0.02959147	0.05528153	4.55E-05
9mo_SIGAE3_GGTGTTACATGGGCAA-1-10x	0.08394185	0.24879833	0.0034742
9mo_SIGAE3_GGTGTTAGTTCAAACC-1-10x	0.25243288	0.84871763	0.00080028
9mo_SIGAE3_GGTGTTATCTGAACGT-1-10x	0.05585801	0.14880466	0.000233
9mo_SIGAE3_GGTAAACAGGAGCAA-1-10x	0.26947922	0.9094118	0.00075499
9mo_SIGAE3_GGTAAACAGGTAGATT-1-10x	0.21966298	0.73203903	0.0010253
9mo_SIGAE3_GGTAAACTCGGATAAA-1-10x	0.19141205	0.6314504	0.0012985
9mo_SIGAE3_GGTTCTCCACGTAGAG-1-10x	0.27113467	0.91530615	0.00075352
9mo_SIGAE3_GGTTCTCCATGACAGG-1-10x	0.04710751	0.11764813	0.00010777

9mo_SIGAE3_GGTTGTATCCTACTGC-1-10x	0.02680909	0.04537477	4.19E-05
9mo_SIGAE3_GTAACACAGCTCGTGC-1-10x	0.28218144	0.9546386	0.00075401
9mo_SIGAE3_GTAACACCAAGGTCTT-1-10x	0.03840314	0.08665585	6.36E-05
9mo_SIGAE3_GTAACACTCTAAACGC-1-10x	0.10442519	0.3217301	0.0037215
9mo_SIGAE3_GTAACCATCCCGTGTT-1-10x	0.11052053	0.3434328	0.0030221
9mo_SIGAE3_GTAACCATCGGAGTGA-1-10x	0.02073586	0.02375078	3.62E-05
9mo_SIGAE3_GTAAGTCAGCCGGAAT-1-10x	0.22503108	0.7511524	0.00098137
9mo_SIGAE3_GTAAGTCGTAGACAGC-1-10x	0.05060527	0.13010207	0.00014746
9mo_SIGAE3_GTAAGTCTCCTTATGT-1-10x	0.09343839	0.28261116	0.0044154
9mo_SIGAE3_GTAATCGCAACCTAAC-1-10x	0.2630342	0.88646406	0.00076511
9mo_SIGAE3_GTAATCGGTAGGACCA-1-10x	0.14476904	0.46537608	0.0018716
9mo_SIGAE3_GTAATGCGTACTGAGG-1-10x	0.14423881	0.4634882	0.0018716
9mo_SIGAE3_GTACAACAGGGATCGT-1-10x	0.12972902	0.41182545	0.0019639
9mo_SIGAE3_GTACAACGTGAGTCAG-1-10x	0.04499921	0.11014143	9.39E-05
9mo_SIGAE3_GTACAACGTGGCACTC-1-10x	0.23813424	0.7978067	0.00088278
9mo_SIGAE3_GTACAACCTCAGCGCGT-1-10x	0.27099073	0.9147936	0.00075352
9mo_SIGAE3_GTACAGTAGCAGGCAT-1-10x	0.14319593	0.45977494	0.0018718
9mo_SIGAE3_GTACAGTAGGCGATAC-1-10x	0.16311955	0.5307138	0.001763
9mo_SIGAE3_GTACAGTGTGAGTCGC-1-10x	0.04364256	0.10531103	8.29E-05
9mo_SIGAE3_GTACAGTGTGCTCAA-1-10x	0.08739007	0.26107585	0.0040384
9mo_SIGAE3_GTAGAAACAGTAACCT-1-10x	0.11482281	0.3587513	0.0026715
9mo_SIGAE3_GTAGAGGCACAATGAA-1-10x	0.29012492	0.9829217	0.00076163
9mo_SIGAE3_GTAGAGGCATAGGCGA-1-10x	0.03209035	0.06417891	4.83E-05
9mo_SIGAE3_GTAGAGGGTAGTGCGA-1-10x	0.28128874	0.9514601	0.00075348
9mo_SIGAE3_GTAGATCTCTAACGGT-1-10x	0.23692143	0.79348844	0.00089602
9mo_SIGAE3_GTAGCTACAAAGTATG-1-10x	0.01537405	0.00465983	3.27E-05
9mo_SIGAE3_GTAGCTACAGGAATAT-1-10x	0.2302583	0.7697641	0.00094498
9mo_SIGAE3_GTAGCTAGTATCGAAA-1-10x	0.02499968	0.03893229	4.00E-05
9mo_SIGAE3_GTAGCTATCCAAGGGA-1-10x	0.04360584	0.10518029	8.29E-05
9mo_SIGAE3_GTAGGAGGTCTACAGT-1-10x	0.01706034	0.01066393	3.38E-05
9mo_SIGAE3_GTAGGAGTCTATACGG-1-10x	0.02092094	0.02440976	3.62E-05
9mo_SIGAE3_GTAGGTTGTGCCTTTC-1-10x	0.23341122	0.78099024	0.00091657
9mo_SIGAE3_GTAGTACAGTCGGGAT-1-10x	0.28499734	0.96466476	0.00075605
9mo_SIGAE3_GTAGTACCACTTTAGG-1-10x	0.07856816	0.22966509	0.002576
9mo_SIGAE3_GTATTGGAGTGACACG-1-10x	0.08507431	0.25283048	0.0037839
9mo_SIGAE3_GTATTGGCAAGGCGTA-1-10x	0.17704372	0.5802914	0.0015248
9mo_SIGAE3_GTATTGGCAAGTGGTG-1-10x	0.0309269	0.06003641	4.68E-05
9mo_SIGAE3_GTATTGGCAATTCACG-1-10x	0.0313417	0.06151332	4.68E-05
9mo_SIGAE3_GTATTTTCAGTCGTCTA-1-10x	0.06696053	0.18833564	0.00079936
9mo_SIGAE3_GTATTTCCAACAGTGG-1-10x	0.09736536	0.29659328	0.0042943
9mo_SIGAE3_GTATTTTCGTATGGGAC-1-10x	0.27134833	0.9160669	0.00075352

9mo_SIGAE3_GTCAAACAGCGTTAGG-1-10x	0.04167188	0.09829435	7.40E-05
9mo_SIGAE3_GTCAAGTAGGACAACC-1-10x	0.06627057	0.185879	0.00079936
9mo_SIGAE3_GTCACGGAGAATCGTA-1-10x	0.04428801	0.1076092	8.81E-05
9mo_SIGAE3_GTCACGGGTTCCCAAA-1-10x	0.04658649	0.11579301	0.00010777
9mo_SIGAE3_GTCACGGTCGGTGAC-1-10x	0.06982734	0.19854304	0.0010821
9mo_SIGAE3_GTCACTCAGCGGGTTA-1-10x	0.01751485	0.01228223	3.44E-05
9mo_SIGAE3_GTCACTCTCGTCCATC-1-10x	0.25915772	0.8726617	0.00077499
9mo_SIGAE3_GTCAGCGAGATGGCGT-1-10x	0.08606418	0.25635496	0.0039187
9mo_SIGAE3_GTCATCCGTTGTACGT-1-10x	0.07795274	0.22747387	0.0023954
9mo_SIGAE3_GTCATGACATACTGAC-1-10x	0.2850537	0.9648654	0.00075605
9mo_SIGAE3_GTCATGAGTACCCGAC-1-10x	0.27690473	0.9358507	0.00075222
9mo_SIGAE3_GTCATGATCCTTGAAG-1-10x	0.18289484	0.6011245	0.0014268
9mo_SIGAE3_GTCATGATCTGGCCAG-1-10x	0.24085306	0.8074872	0.00086997
9mo_SIGAE3_GTCATTTGTGCGACAA-1-10x	0.02604423	0.04265145	4.09E-05
9mo_SIGAE3_GTCATTTTCAAAGCCT-1-10x	0.04844712	0.12241788	0.00012523
9mo_SIGAE3_GTCCACTAGGGCCAAT-1-10x	0.10496064	0.32363662	0.0036214
9mo_SIGAE3_GTCCACTCAAAGCGTG-1-10x	0.02693132	0.04580997	4.19E-05
9mo_SIGAE3_GTCCCATAGACGAAGA-1-10x	0.137249	0.43860063	0.0018842
9mo_SIGAE3_GTCCCATAGGCTCTCG-1-10x	0.09391092	0.28429362	0.0044154
9mo_SIGAE3_GTCCCATCATTGATG-1-10x	0.09833257	0.3000371	0.0042345
9mo_SIGAE3_GTCCCATGTCACAGTT-1-10x	0.09359829	0.2831805	0.0044154
9mo_SIGAE3_GTCCCATGTGTCGCTG-1-10x	0.02331105	0.03291985	3.83E-05
9mo_SIGAE3_GTCCTCACACAAGCTT-1-10x	0.08237966	0.2432361	0.0033032
9mo_SIGAE3_GTCCTCATCCAATAG-1-10x	0.09224713	0.2783696	0.0043903
9mo_SIGAE3_GTCGAATGTGGTATGG-1-10x	0.25538036	0.8592123	0.00078825
9mo_SIGAE3_GTCGAATTCTGCGAGC-1-10x	0.17436935	0.5707692	0.0015753
9mo_SIGAE3_GTCGCGAAGATGGTCG-1-10x	0.05621139	0.1500629	0.000257
9mo_SIGAE3_GTCGCGAGTGAGACCA-1-10x	0.01843504	0.01555859	3.49E-05
9mo_SIGAE3_GTCGTAAAGTGTCATC-1-10x	0.15304746	0.4948517	0.0018617
9mo_SIGAE3_GTCGTAATCGTACCTC-1-10x	0.02599414	0.04247311	4.09E-05
9mo_SIGAE3_GTCTACCAGTAGGCCA-1-10x	0.16106352	0.5233932	0.0018
9mo_SIGAE3_GTCTACCAGTCTGCGC-1-10x	0.03218023	0.06449894	4.83E-05
9mo_SIGAE3_GTCTACCCAGCTACTA-1-10x	0.08028486	0.23577748	0.0027593
9mo_SIGAE3_GTCTACCGTTAAGTCC-1-10x	0.09803251	0.29896873	0.0042943
9mo_SIGAE3_GTCTACCTCCCAACTC-1-10x	0.27598864	0.9325889	0.00075214
9mo_SIGAE3_GTCTACCTCGCATAGT-1-10x	0.06829836	0.19309902	0.00097948
9mo_SIGAE3_GTCTAGAGTCTCGACG-1-10x	0.23605843	0.7904157	0.00090278
9mo_SIGAE3_GTCTAGAGTTCAAGTC-1-10x	0.11969665	0.37610477	0.0023317
9mo_SIGAE3_GTCTCACAGCTAGCCC-1-10x	0.2545193	0.85614645	0.00079207
9mo_SIGAE3_GTCTCACACACGTGC-1-10x	0.0862785	0.25711808	0.0039187
9mo_SIGAE3_GTCTCACGTCAACATC-1-10x	0.08363929	0.24772105	0.0034742

9mo_SIGAE3_GTCTCACTCCCGAAAT-1-10x	0.2547786	0.8570696	0.00079207
9mo_SIGAE3_GTCTGTCCAATCACGT-1-10x	0.02532776	0.04010041	4.00E-05
9mo_SIGAE3_GTCTGTCTGTCCACG-1-10x	0.05962594	0.16222054	0.00038577
9mo_SIGAE3_GTCTTTACAGAAGCTG-1-10x	0.13803102	0.44138506	0.0018802
9mo_SIGAE3_GTCTTTACATGCACTA-1-10x	0.04181273	0.09879583	7.82E-05
9mo_SIGAE3_GTCTTTAGTATATGGA-1-10x	0.12267337	0.38670352	0.0021479
9mo_SIGAE3_GTCTTTAGTTATAGAG-1-10x	0.28562734	0.96690786	0.00075686
9mo_SIGAE3_GTCTTTATCAGTCCGG-1-10x	0.09292059	0.2807675	0.0044107
9mo_SIGAE3_GTGACGCAGAGCCGAT-1-10x	0.03899759	0.08877245	6.67E-05
9mo_SIGAE3_GTGACGCCACCATATG-1-10x	0.24659598	0.8279351	0.0008292
9mo_SIGAE3_GTGACGCCAGCTAACT-1-10x	0.27783528	0.9391639	0.00075239
9mo_SIGAE3_GTGACGCTCTACGCGG-1-10x	0.1146041	0.35797256	0.0026715
9mo_SIGAE3_GTGAGCCGTCCTCCAT-1-10x	0.05222079	0.13585418	0.00017575
9mo_SIGAE3_GTGAGCCTCTGAGAAA-1-10x	0.07321603	0.21060862	0.0015819
9mo_SIGAE3_GTGAGGACAACGACAG-1-10x	0.0766823	0.22295041	0.0022191
9mo_SIGAE3_GTGAGTTCATACAGGG-1-10x	0.26251784	0.88462555	0.00076511
9mo_SIGAE3_GTGATGTAGGAGAGTA-1-10x	0.2512252	0.84441763	0.00080923
9mo_SIGAE3_GTGATGTCACTGAGTT-1-10x	0.13097557	0.41626388	0.001948
9mo_SIGAE3_GTGATGTTCCACGTGG-1-10x	0.2478453	0.8323834	0.00082396
9mo_SIGAE3_GTGATGTTCTACGAA-1-10x	0.13101755	0.41641334	0.001934
9mo_SIGAE3_GTGCACGGTAATCAAG-1-10x	0.02395182	0.03520135	3.91E-05
9mo_SIGAE3_GTGCACGTCGTCCTTG-1-10x	0.18149273	0.5961323	0.0014587
9mo_SIGAE3_GTGCAGCTCAATCAGC-1-10x	0.16519687	0.5381102	0.0017353
9mo_SIGAE3_GTGCGTGAGAAGCGAA-1-10x	0.07200423	0.20629394	0.0014433
9mo_SIGAE3_GTGCGTGCACGCGGTT-1-10x	0.0270542	0.04624749	4.19E-05
9mo_SIGAE3_GTGCGTGGTCGATTCA-1-10x	0.04931983	0.12552519	0.00013566
9mo_SIGAE3_GTGCTGGAGCCTCCAG-1-10x	0.0959869	0.29168525	0.0043808
9mo_SIGAE3_GTGCTGGCACAAGCTT-1-10x	0.29297042	0.9930532	0.00076488
9mo_SIGAE3_GTGCTGGCAGCAGTAG-1-10x	0.08242732	0.24340577	0.0033032
9mo_SIGAE3_GTGCTGGGTGATTAC-1-10x	0.05092329	0.13123438	0.00014746
9mo_SIGAE3_GTGCTTCCAAGTTGG-1-10x	0.27964264	0.94559914	0.00075303
9mo_SIGAE3_GTGCTTCCAGTGCTG-1-10x	0.05524504	0.14662215	0.000233
9mo_SIGAE3_GTGGAAGAGCCTTCTC-1-10x	0.08414139	0.2495088	0.0036353
9mo_SIGAE3_GTGGAAGCACTTACAG-1-10x	0.22288759	0.7435204	0.0010033
9mo_SIGAE3_GTGGAAGCAGTTGTTG-1-10x	0.08900216	0.26681575	0.0042295
9mo_SIGAE3_GTGGAGACATGTTCAG-1-10x	0.03580651	0.07741046	5.58E-05
9mo_SIGAE3_GTGCCGTAGTCGCGAA-1-10x	0.03495298	0.07437141	5.37E-05
9mo_SIGAE3_GTGCCGTGTCTAGGTT-1-10x	0.24226117	0.81250083	0.00085764
9mo_SIGAE3_GTGCCGTGTTCTCTCG-1-10x	0.04921914	0.12516667	0.00012523
9mo_SIGAE3_GTGGAACAAGAGCTG-1-10x	0.07167648	0.20512697	0.0013138
9mo_SIGAE3_GTGGAATCCATAGAC-1-10x	0.03741779	0.08314749	6.07E-05

9mo_SIGAE3_GTGGTTAAGCTGAAAT-1-10x	0.04004843	0.09251399	7.01E-05
9mo_SIGAE3_GTGTAACAGACTACCT-1-10x	0.08593439	0.25589284	0.0039187
9mo_SIGAE3_GTGTCCTGTAACCTCG-1-10x	0.07460834	0.215566	0.0017292
9mo_SIGAE3_GTGTCCTGTGTAGCAG-1-10x	0.15484259	0.50124335	0.0018522
9mo_SIGAE3_GTGTCCTCCGAACGC-1-10x	0.019471	0.01924718	3.55E-05
9mo_SIGAE3_GTGTGGCAGGGCTAAC-1-10x	0.01877693	0.01677591	3.49E-05
9mo_SIGAE3_GTGTGGCAGTTAGAAC-1-10x	0.11101015	0.34517613	0.0030221
9mo_SIGAE3_GTGTTAGCAATGTGGG-1-10x	0.04855765	0.12281142	0.00012523
9mo_SIGAE3_GTGTTCCCATGCCGCA-1-10x	0.01701569	0.01050496	3.38E-05
9mo_SIGAE3_GTGTTCTCTTCCTAA-1-10x	0.03434742	0.0722153	5.37E-05
9mo_SIGAE3_GTTACAGAGTAGACCG-1-10x	0.04806868	0.12107042	0.00011598
9mo_SIGAE3_GTTACAGCAAGTGGCA-1-10x	0.25971726	0.87465394	0.00077221
9mo_SIGAE3_GTTACCCACAAACGG-1-10x	0.04743274	0.11880614	0.00011598
9mo_SIGAE3_GTTACGACATGAGATA-1-10x	0.07608128	0.22081044	0.0020486
9mo_SIGAE3_GTTACGAGTCAAAGCG-1-10x	0.29084113	0.9854718	0.00076269
9mo_SIGAE3_GTTAGACCAAGGCAAC-1-10x	0.06985455	0.19863993	0.0010821
9mo_SIGAE3_GTTAGACGTGCTACAT-1-10x	0.02646168	0.0441378	4.09E-05
9mo_SIGAE3_GTTAGACTCAGCGGAA-1-10x	0.02493617	0.03870615	4.00E-05
9mo_SIGAE3_GTTAGACTCTGCCTGT-1-10x	0.23770566	0.79628074	0.00088935
9mo_SIGAE3_GTTAGTGAGGTTACCT-1-10x	0.08564305	0.2548555	0.0037839
9mo_SIGAE3_GTTAGTGGTTGTGGCC-1-10x	0.10421663	0.32098752	0.0037215
9mo_SIGAE3_GTTCATTCACAGCCAC-1-10x	0.09220234	0.27821016	0.0043903
9mo_SIGAE3_GTTCATTTCACTTTGT-1-10x	0.11386084	0.35532615	0.0027534
9mo_SIGAE3_GTTCCGTTCTGGTTGA-1-10x	0.04839214	0.12222213	0.00012523
9mo_SIGAE3_GTTGCTCATACTGAC-1-10x	0.2613104	0.8803264	0.00076963
9mo_SIGAE3_GTTGCTTCTCCTGAC-1-10x	0.04689092	0.11687697	0.00010777
9mo_SIGAE3_GTTCTATCAGTCTCTC-1-10x	0.08449048	0.25075173	0.0036353
9mo_SIGAE3_GTTCTATTCTTTGATC-1-10x	0.01711723	0.01086649	3.38E-05
9mo_SIGAE3_GTTGAACAGGGTCACA-1-10x	0.04838752	0.12220567	0.00012523
9mo_SIGAE3_GTTGAACGTAGAGTTA-1-10x	0.01803109	0.01412033	3.44E-05
9mo_SIGAE3_GTTGAACGTGCGACTGC-1-10x	0.26933327	0.90889215	0.00075499
9mo_SIGAE3_GTTGCGGAGGACTGGT-1-10x	0.09183762	0.27691156	0.0043903
9mo_SIGAE3_GTTGCGGAGTAGGGTC-1-10x	0.03129023	0.06133004	4.68E-05
9mo_SIGAE3_GTTGCGGAGTCTAACC-1-10x	0.26365682	0.88868093	0.00076313
9mo_SIGAE3_GTTGCGGCAGCGACAA-1-10x	0.2665087	0.8988352	0.00075831
9mo_SIGAE3_GTTGCGGGTTGCGGCT-1-10x	0.2933906	0.9945493	0.00076488
9mo_SIGAE3_GTTGTAGAGGTACAAT-1-10x	0.22759806	0.76029223	0.00096676
9mo_SIGAE3_GTTGTAGCAGATTAAG-1-10x	0.03016587	0.05732672	4.55E-05
9mo_SIGAE3_GTTGTCCAGGCTCTAT-1-10x	0.07435679	0.21467033	0.0017292
9mo_SIGAE3_GTTGTCCACCTGATA-1-10x	0.2213822	0.7381604	0.0010106
9mo_SIGAE3_GTTGTCCACTAGTAC-1-10x	0.0297829	0.05596313	4.55E-05

9mo_SIGAE3_GTTGTCCGTTCCGTTC-1-10x	0.2584999	0.8703195	0.000778
9mo_SIGAE3_GTTGTCTCTCGCTCA-1-10x	0.02647645	0.04419039	4.09E-05
9mo_SIGAE3_GTTGTGAGTGTCTTCC-1-10x	0.07869455	0.2301151	0.002576
9mo_SIGAE3_GTTTACTGTTGCCATA-1-10x	0.08089225	0.2379401	0.0029431
9mo_SIGAE3_GTTTGGAGTTCGGCGT-1-10x	0.10931747	0.3391493	0.0032165
9mo_SIGAE3_GTTTGGATCATTTGGG-1-10x	0.14114739	0.45248103	0.0018734
9mo_SIGAE3_TAACACGCAACTCGTA-1-10x	0.08575329	0.25524804	0.0037839
9mo_SIGAE3_TAACACGCAGAGGCAT-1-10x	0.05023389	0.12877975	0.00014746
9mo_SIGAE3_TAACACGTCACCGACG-1-10x	0.04860132	0.12296692	0.00012523
9mo_SIGAE3_TAACCAGAGTAAAGCT-1-10x	0.10500643	0.32379967	0.0036214
9mo_SIGAE3_TAACCAGCATTACCC-1-10x	0.05003038	0.12805514	0.00013566
9mo_SIGAE3_TAACTTCAGGCTTAAA-1-10x	0.24939501	0.8379012	0.00081397
9mo_SIGAE3_TAACTTCTCCTGGTCT-1-10x	0.04274929	0.1021305	8.29E-05
9mo_SIGAE3_TAAGCACCAGTGCGCT-1-10x	0.22137053	0.7381188	0.0010106
9mo_SIGAE3_TAAGCCACATAGGTTC-1-10x	0.08316223	0.24602248	0.0034742
9mo_SIGAE3_TAAGCCAGTAACGGTG-1-10x	0.2556686	0.86023855	0.00078825
9mo_SIGAE3_TAAGCGTGTAGCGTTT-1-10x	0.04352767	0.10490196	8.29E-05
9mo_SIGAE3_TAAGTCGAGTTAGAAC-1-10x	0.0301568	0.05729443	4.55E-05
9mo_SIGAE3_TAAGTCGCAACTAC-1-10x	0.0506308	0.13019298	0.00014746
9mo_SIGAE3_TAAGTCGGTGGTCCGT-1-10x	0.04926471	0.12532893	0.00012523
9mo_SIGAE3_TAAGTCGTCGGAGCAA-1-10x	0.26712957	0.9010458	0.00075831
9mo_SIGAE3_TAACTCTCCCTCGTA-1-10x	0.250527	0.84193164	0.00080923
9mo_SIGAE3_TAAATCCAGATGCCGA-1-10x	0.04374757	0.10568491	8.81E-05
9mo_SIGAE3_TAAATCCATTACCC-1-10x	0.04642991	0.11523552	0.00010046
9mo_SIGAE3_TACACCCAGAACTTC-1-10x	0.14263985	0.457795	0.0018718
9mo_SIGAE3_TACAGGTAGCATGCAG-1-10x	0.21996243	0.73310524	0.0010253
9mo_SIGAE3_TACAGGTCATGGGTCC-1-10x	0.03956996	0.09081037	6.67E-05
9mo_SIGAE3_TACATTAGTAGCCAG-1-10x	0.01683514	0.00986211	3.38E-05
9mo_SIGAE3_TACATTCCAATATCCG-1-10x	0.22334418	0.7451461	0.00099599
9mo_SIGAE3_TACCCACGTGGCTTGC-1-10x	0.24153681	0.80992174	0.00086374
9mo_SIGAE3_TACCCACTTTCACGC-1-10x	0.04636837	0.11501639	0.00010046
9mo_SIGAE3_TACCCGTGTCCTGGTG-1-10x	0.19858699	0.6569971	0.0012187
9mo_SIGAE3_TACCGAAAGATCCTAC-1-10x	0.05183391	0.13447668	0.00016076
9mo_SIGAE3_TACCGAACAGTGGGTA-1-10x	0.13876721	0.44400632	0.0018772
9mo_SIGAE3_TACCGAAGTACCGGAA-1-10x	0.17580022	0.57586384	0.0015585
9mo_SIGAE3_TACCGGGAGAGGCGTT-1-10x	0.23159978	0.7745405	0.00093066
9mo_SIGAE3_TACCGGGTCCCTGGTT-1-10x	0.02520648	0.03966862	4.00E-05
9mo_SIGAE3_TACCTCGGTATTTCT-1-10x	0.23120375	0.7731304	0.00093779
9mo_SIGAE3_TACCTGCCAAAGGCTG-1-10x	0.2237333	0.7465316	0.00099599
9mo_SIGAE3_TACCTGCTCTCCTGAC-1-10x	0.22825041	0.76261497	0.00095947
9mo_SIGAE3_TACGCTCAGATGACCG-1-10x	0.09753217	0.2971872	0.0042943

9mo_SIGAE3_TACGCTCGTACTCAG-1-10x	0.05769716	0.15535304	0.00028394
9mo_SIGAE3_TACGGTAAGATGGCAC-1-10x	0.04552894	0.11202756	9.39E-05
9mo_SIGAE3_TACGTCTCTTCGTGC-1-10x	0.0460655	0.11393802	0.00010046
9mo_SIGAE3_TACTGCCACTTGAGT-1-10x	0.07625014	0.2214117	0.0020486
9mo_SIGAE3_TACTGCCGTAATGATG-1-10x	0.22200365	0.7403731	0.0010106
9mo_SIGAE3_TACTGCCGATTGGCT-1-10x	0.16888252	0.5512331	0.0016744
9mo_SIGAE3_TACTGCCTCAATCCAG-1-10x	0.25722647	0.8657854	0.00078121
9mo_SIGAE3_TACTTACTCGGTAAGG-1-10x	0.04909068	0.12470928	0.00012523
9mo_SIGAE3_TACTTCACAAATACAG-1-10x	0.10428929	0.32124624	0.0037215
9mo_SIGAE3_TACTTCAGTTAAGCAA-1-10x	0.03516854	0.07513895	5.37E-05
9mo_SIGAE3_TACTTGTAGAATAACC-1-10x	0.06841048	0.19349825	0.00097948
9mo_SIGAE3_TACTTGTCAAGTATCC-1-10x	0.05367716	0.14103964	0.00019264
9mo_SIGAE3_TAGACCACATGGAACG-1-10x	0.04655463	0.11567956	0.00010777
9mo_SIGAE3_TAGACTGCAGGCTCTG-1-10x	0.2864706	0.9699103	0.00075773
9mo_SIGAE3_TAGAGTCCAACACACT-1-10x	0.01848822	0.01574796	3.49E-05
9mo_SIGAE3_TAGAGTCCAAGATGGC-1-10x	0.08845566	0.26486996	0.0041422
9mo_SIGAE3_TAGAGTCGTGGTCCGT-1-10x	0.0750862	0.21726742	0.001885
9mo_SIGAE3_TAGATCGCATCGCCTT-1-10x	0.08779033	0.262501	0.0040384
9mo_SIGAE3_TAGATCGGTCCCACGA-1-10x	0.0466116	0.11588244	0.00010777
9mo_SIGAE3_TAGCACATCCGGTAGC-1-10x	0.05042864	0.12947318	0.00014746
9mo_SIGAE3_TAGGAGGCACCACATA-1-10x	0.17670037	0.57906884	0.0015416
9mo_SIGAE3_TAGGAGGTACCTCTG-1-10x	0.27934247	0.94453037	0.00075266
9mo_SIGAE3_TAGGAGGTCCGTAGTA-1-10x	0.02619246	0.04317924	4.09E-05
9mo_SIGAE3_TAGGGTTAGGAACGTC-1-10x	0.10155761	0.31151998	0.0040036
9mo_SIGAE3_TAGGGTTGTTGAGCTA-1-10x	0.04551737	0.11198638	9.39E-05
9mo_SIGAE3_TAGGTACCAACACAGG-1-10x	0.21452941	0.71376073	0.0010701
9mo_SIGAE3_TAGGTACCACGACAGA-1-10x	0.22838145	0.76308155	0.00095947
9mo_SIGAE3_TAGGTACGTGCGTTTA-1-10x	0.13257444	0.4219567	0.0019219
9mo_SIGAE3_TAGGTTGACTCAGAT-1-10x	0.15363851	0.4969562	0.0018575
9mo_SIGAE3_TAGGTTGACTTTAGG-1-10x	0.11842492	0.37157673	0.0023898
9mo_SIGAE3_TAGGTTGGTAGCTTGT-1-10x	0.06450443	0.1795906	0.00064991
9mo_SIGAE3_TAGGTTGGTCTTGAGT-1-10x	0.03329946	0.06848399	5.00E-05
9mo_SIGAE3_TAGTGCAAGCAATTAG-1-10x	0.04857533	0.12287437	0.00012523
9mo_SIGAE3_TAGTGCAAGGAACGAA-1-10x	0.06443645	0.17934856	0.00064991
9mo_SIGAE3_TAGTGCATCGGCATTA-1-10x	0.24177521	0.8107706	0.00086374
9mo_SIGAE3_TATACCTAGGATTCCT-1-10x	0.2364307	0.7917412	0.00089602
9mo_SIGAE3_TATACCTCATGGCTAT-1-10x	0.04167937	0.09832101	7.40E-05
9mo_SIGAE3_TATACCTGTCTGCAAT-1-10x	0.01707238	0.01070681	3.38E-05
9mo_SIGAE3_TATATCCCACAATGTC-1-10x	0.05123129	0.13233104	0.00016076
9mo_SIGAE3_TATATCCCATCGATGT-1-10x	0.12450913	0.3932398	0.0020803
9mo_SIGAE3_TATCAGGAGTTCCTG-1-10x	0.19905059	0.6586478	0.0012085

9mo_SIGAE3_TATCAGGGTGGAAATT-1-10x	0.01852112	0.01586512	3.49E-05
9mo_SIGAE3_TATCAGGTCCGGGACT-1-10x	0.16417658	0.5344774	0.0017494
9mo_SIGAE3_TATCCTAGTCTTCTAT-1-10x	0.25543535	0.859408	0.00078825
9mo_SIGAE3_TATCCTATCGCCGTGA-1-10x	0.22260621	0.74251854	0.0010033
9mo_SIGAE3_TATCGCCAGACACACG-1-10x	0.07507893	0.21724154	0.001885
9mo_SIGAE3_TATCGCCAGAGTAAT-1-10x	0.04518102	0.11078879	9.39E-05
9mo_SIGAE3_TATCGCCGTATGTCAC-1-10x	0.23506112	0.78686476	0.00090964
9mo_SIGAE3_TATCTGTAGCCGAATG-1-10x	0.19272058	0.6361095	0.0012861
9mo_SIGAE3_TATCTTGAGACCTCAT-1-10x	0.04825924	0.12174892	0.00011598
9mo_SIGAE3_TATCTTGTCATGCTAG-1-10x	0.04949627	0.12615341	0.00013566
9mo_SIGAE3_TATCTTGTCATAGG-1-10x	0.20008379	0.6623265	0.0011985
9mo_SIGAE3_TATGTTTCAGGCTAGCA-1-10x	0.20176287	0.6683049	0.0011792
9mo_SIGAE3_TATGTTTCAGGTACAAT-1-10x	0.01892425	0.01730047	3.49E-05
9mo_SIGAE3_TATGTTTCGTTCTGACA-1-10x	0.2623217	0.8839272	0.00076727
9mo_SIGAE3_TATTCCACAGGTTTCGC-1-10x	0.2780572	0.93995404	0.00075239
9mo_SIGAE3_TATTCCATCGCGGACT-1-10x	0.1454612	0.46784055	0.0018716
9mo_SIGAE3_TATTGCTAGAGGATGA-1-10x	0.08104143	0.23847127	0.0029431
9mo_SIGAE3_TATTGCTCAAAGCAAT-1-10x	0.24993536	0.8398251	0.00081397
9mo_SIGAE3_TATTGCTCATAGAATG-1-10x	0.26244682	0.88437265	0.00076727
9mo_SIGAE3_TATTGGGAGAGATTCA-1-10x	0.08885332	0.2662858	0.0042295
9mo_SIGAE3_TATTGGGCAGGTTACT-1-10x	0.20076464	0.6647507	0.0011888
9mo_SIGAE3_TATTGGGGTTGTGCAT-1-10x	0.22477205	0.7502301	0.00098869
9mo_SIGAE3_TATTCGAGGTATTGA-1-10x	0.09182222	0.27685672	0.0043903
9mo_SIGAE3_TATTCGTCGCCGAGT-1-10x	0.09681332	0.29462773	0.0043435
9mo_SIGAE3_TATTCGTCTCATGGA-1-10x	0.02696146	0.0459173	4.19E-05
9mo_SIGAE3_TCAAGACCAGGGAATC-1-10x	0.2788729	0.94285846	0.00075266
9mo_SIGAE3_TCAAGACCATCTGGGC-1-10x	0.0265807	0.04456156	4.09E-05
9mo_SIGAE3_TCAAGACGTCAAGCA-1-10x	0.2600174	0.8757226	0.00077221
9mo_SIGAE3_TCAAGCAAGCTATCTG-1-10x	0.07587919	0.22009093	0.0020486
9mo_SIGAE3_TCAAGTGCACCAGGTC-1-10x	0.18320552	0.6022307	0.0014268
9mo_SIGAE3_TCAAGTGGTTAGGCC-1-10x	0.0229269	0.03155205	3.76E-05
9mo_SIGAE3_TCAAGTGGTTCACCGG-1-10x	0.03952722	0.09065818	6.67E-05
9mo_SIGAE3_TCAATCTAGTGATCGG-1-10x	0.14115296	0.45250088	0.0018734
9mo_SIGAE3_TCAATCTGTCTAGGCC-1-10x	0.21445382	0.7134916	0.0010701
9mo_SIGAE3_TCAATTCGTTCGAGTGA-1-10x	0.07293035	0.20959145	0.0015819
9mo_SIGAE3_TCACAAGCAAGTTTGC-1-10x	0.08020677	0.23549944	0.0027593
9mo_SIGAE3_TCACAAGCATGACACT-1-10x	0.04720691	0.11800204	0.00010777
9mo_SIGAE3_TCACAAGTCATGGGAG-1-10x	0.01836162	0.01529718	3.49E-05
9mo_SIGAE3_TCACACCCACCTCAGG-1-10x	0.17253716	0.5642456	0.0016089
9mo_SIGAE3_TCACACCCAGAGCTAG-1-10x	0.03486842	0.07407036	5.37E-05
9mo_SIGAE3_TCACACCTCGAGAAAT-1-10x	0.05124449	0.13237801	0.00016076

9mo_SIGAE3_TCACATTGTCTCAAGT-1-10x	0.08761164	0.26186475	0.0040384
9mo_SIGAE3_TCACGCTCAAGTTCCA-1-10x	0.07750067	0.22586426	0.0023954
9mo_SIGAE3_TCACGGGAGGGCAGTT-1-10x	0.14207466	0.45578262	0.0018724
9mo_SIGAE3_TCACGGGGTAGATGTA-1-10x	0.02409073	0.03569591	3.91E-05
9mo_SIGAE3_TCACGGGGTCAAGGCA-1-10x	0.12518503	0.3956464	0.0020803
9mo_SIGAE3_TCACTATTCCGAAGGA-1-10x	0.1751886	0.5736862	0.0015585
9mo_SIGAE3_TCACTCGAGCAGGCTA-1-10x	0.02631309	0.04360872	4.09E-05
9mo_SIGAE3_TCACTCGAGCCTCCAG-1-10x	0.05546657	0.14741093	0.000233
9mo_SIGAE3_TCACTCGAGCGACTTT-1-10x	0.03027888	0.05772908	4.55E-05
9mo_SIGAE3_TCACTCGTCACTGTTT-1-10x	0.04815007	0.1213602	0.00011598
9mo_SIGAE3_TCAGCAATCAAAGTGC-1-10x	0.04456519	0.10859609	8.81E-05
9mo_SIGAE3_TCAGCCTAGGTGCCTC-1-10x	0.05071653	0.13049822	0.00014746
9mo_SIGAE3_TCAGCCTCCTACTGC-1-10x	0.28064328	0.94916195	0.00075348
9mo_SIGAE3_TCAGCCTTCTCCTGAC-1-10x	0.07383445	0.21281052	0.0017292
9mo_SIGAE3_TCAGGGCAGGTTCTAC-1-10x	0.04045808	0.09397255	7.01E-05
9mo_SIGAE3_TCAGGGCGTGAGGCAT-1-10x	0.28259006	0.95609355	0.00075462
9mo_SIGAE3_TCAGGGCTCTACTTCA-1-10x	0.05735236	0.15412538	0.00028394
9mo_SIGAE3_TCAGGTACACAGTGTT-1-10x	0.10043304	0.3075159	0.0040879
9mo_SIGAE3_TCAGTCCATTAAGCC-1-10x	0.07367785	0.21225296	0.0015819
9mo_SIGAE3_TCAGTCCCTGATGCTA-1-10x	0.26018706	0.8763267	0.00077221
9mo_SIGAE3_TCAGTGAGTCGTGTTA-1-10x	0.2931097	0.9935491	0.00076488
9mo_SIGAE3_TCATACTAGCCAGAGT-1-10x	0.09024452	0.27123925	0.0042999
9mo_SIGAE3_TCATACTGTCTAGTGT-1-10x	0.04694102	0.11705534	0.00010777
9mo_SIGAE3_TCATACTTCCGGGACT-1-10x	0.21489589	0.7150656	0.0010625
9mo_SIGAE3_TCATATCCAAGAGAGA-1-10x	0.27742642	0.9377082	0.00075222
9mo_SIGAE3_TCATCATGTAGGTGCA-1-10x	0.12959594	0.4113516	0.0019639
9mo_SIGAE3_TCATCCGAGGTGCCAA-1-10x	0.13042726	0.41431156	0.001948
9mo_SIGAE3_TCATCCGCAACCGGAA-1-10x	0.24203981	0.8117127	0.00085764
9mo_SIGAE3_TCATCCGCAATAAGGT-1-10x	0.04851575	0.12266222	0.00012523
9mo_SIGAE3_TCATCCGGTTACAGCT-1-10x	0.08841822	0.26473662	0.0041422
9mo_SIGAE3_TCATGAGCACAGACGA-1-10x	0.27754396	0.9381267	0.00075239
9mo_SIGAE3_TCATGAGCACCTGCGA-1-10x	0.10181995	0.31245404	0.0040036
9mo_SIGAE3_TCATGAGCACGGCACT-1-10x	0.15269645	0.49360192	0.0018617
9mo_SIGAE3_TCATGAGCACTCTCGT-1-10x	0.10822973	0.33527637	0.0033168
9mo_SIGAE3_TCATGAGCAGACAAAT-1-10x	0.29068357	0.9849108	0.00076163
9mo_SIGAE3_TCATGAGGTGTCGATT-1-10x	0.04628595	0.11472295	0.00010046
9mo_SIGAE3_TCATGCCGTTGCTAGT-1-10x	0.09226754	0.2784423	0.0043903
9mo_SIGAE3_TCATGGACACAGTATC-1-10x	0.2509895	0.8435784	0.00080923
9mo_SIGAE3_TCATGGAGTCTTTCTA-1-10x	0.12389626	0.39105767	0.0021124
9mo_SIGAE3_TCATGGATCTCTTGCG-1-10x	0.05038594	0.12932113	0.00014746
9mo_SIGAE3_TCATGGATCTTCGGAA-1-10x	0.26510143	0.8938245	0.00076135

9mo_SIGAE3_TCATGTTAGGAGAGTA-1-10x	0.2497006	0.83898926	0.00081397
9mo_SIGAE3_TCATTACTCAGTGATC-1-10x	0.04870011	0.12331865	0.00012523
9mo_SIGAE3_TCATTACTCTTTGCGC-1-10x	0.2568593	0.8644781	0.00078463
9mo_SIGAE3_TCATTACAAGCGCTC-1-10x	0.2934504	0.9947622	0.00076488
9mo_SIGAE3_TCATTCAAGTCTTAGTG-1-10x	0.27699083	0.9361572	0.00075222
9mo_SIGAE3_TCATTGTTTCGCGTGCA-1-10x	0.01969622	0.0200491	3.55E-05
9mo_SIGAE3_TCATTTGAGACCAACG-1-10x	0.01534331	0.00455038	3.27E-05
9mo_SIGAE3_TCATTTGAGAGTGTTA-1-10x	0.108183	0.33510998	0.0033168
9mo_SIGAE3_TCATTTGTCTCACCCA-1-10x	0.09693889	0.29507485	0.0043435
9mo_SIGAE3_TCCACCAAGCCATTCA-1-10x	0.03284058	0.06685013	5.00E-05
9mo_SIGAE3_TCCACGTTCTCGTTTA-1-10x	0.11556401	0.36139035	0.002594
9mo_SIGAE3_TCCAGAACAAGGACAC-1-10x	0.25823984	0.8693935	0.000778
9mo_SIGAE3_TCCATCGCAATTTCCCT-1-10x	0.12054452	0.37912366	0.0022788
9mo_SIGAE3_TCCATCGCATGACTCA-1-10x	0.04306195	0.10324376	8.29E-05
9mo_SIGAE3_TCCATCGGTGACTCTA-1-10x	0.04075661	0.09503549	7.01E-05
9mo_SIGAE3_TCCATCGTCTGCTAGA-1-10x	0.07244231	0.20785375	0.0014433
9mo_SIGAE3_TCCATCGTCTGGCTGG-1-10x	0.01778101	0.01322991	3.44E-05
9mo_SIGAE3_TCCATGCCAACCGTGC-1-10x	0.12544024	0.39655507	0.0020515
9mo_SIGAE3_TCCCAGTCAGTGATC-1-10x	0.08567798	0.2549799	0.0037839
9mo_SIGAE3_TCCCAGTCATTGGCAT-1-10x	0.08822715	0.2640563	0.0041422
9mo_SIGAE3_TCCCATGAGAGCATAT-1-10x	0.07137154	0.20404123	0.0013138
9mo_SIGAE3_TCCCATGGTCAAGGCA-1-10x	0.03905908	0.08899137	6.67E-05
9mo_SIGAE3_TCCCATGTGAGATGG-1-10x	0.26857913	0.906207	0.00075594
9mo_SIGAE3_TCCCATGTGCGTCTAA-1-10x	0.14476407	0.46535835	0.0018716
9mo_SIGAE3_TCCGAAAAGCACAAAT-1-10x	0.161305	0.524253	0.0017883
9mo_SIGAE3_TCCGAAAAGGAACGAA-1-10x	0.1344002	0.4284574	0.0019027
9mo_SIGAE3_TCCGAAACACGAAGAC-1-10x	0.08090586	0.23798855	0.0029431
9mo_SIGAE3_TCCGAAAGTACCGGCT-1-10x	0.2771406	0.93669045	0.00075222
9mo_SIGAE3_TCCGAAATCCTACCGT-1-10x	0.08668061	0.25854978	0.0039187
9mo_SIGAE3_TCCGGGACAGTCAGTT-1-10x	0.03073829	0.05936486	4.68E-05
9mo_SIGAE3_TCCGGGACAGTCTTCC-1-10x	0.2450333	0.82237107	0.00084014
9mo_SIGAE3_TCCGGGATCATCGGGC-1-10x	0.02707261	0.04631304	4.19E-05
9mo_SIGAE3_TCCGTGTTCCGATTAC-1-10x	0.05530573	0.14683823	0.000233
9mo_SIGAE3_TCCTCGAAGACCCGCT-1-10x	0.26687986	0.9001567	0.00075831
9mo_SIGAE3_TCCTCGAGTGCGGCTT-1-10x	0.01670017	0.00938154	3.38E-05
9mo_SIGAE3_TCCTCTTAGCTGTGCC-1-10x	0.12467966	0.393847	0.0020803
9mo_SIGAE3_TCCTCTTTGCGGCTGA-1-10x	0.07901362	0.23125118	0.002576
9mo_SIGAE3_TCCTGCACAGAACTAA-1-10x	0.28276232	0.9567069	0.00075462
9mo_SIGAE3_TCCTTTGTCGTGATT-1-10x	0.25456983	0.85632634	0.00079207
9mo_SIGAE3_TCGAACACATTGACCA-1-10x	0.13852169	0.4431321	0.0018802
9mo_SIGAE3_TCGAACATCGTTGCCT-1-10x	0.08926968	0.2677683	0.0042295

9mo_SIGAE3_TCGAAGTCAACCGCTG-1-10x	0.02234504	0.02948034	3.76E-05
9mo_SIGAE3_TCGACCTAGTCAACAA-1-10x	0.04300705	0.10304827	8.29E-05
9mo_SIGAE3_TCGACCTTCTCCCATG-1-10x	0.09705068	0.29547286	0.0043435
9mo_SIGAE3_TCGACGGAGTCCTGCG-1-10x	0.23498769	0.78660333	0.00090964
9mo_SIGAE3_TCGACGGTCACCATCC-1-10x	0.06420298	0.17851727	0.00058553
9mo_SIGAE3_TCGATTTCACTTGACA-1-10x	0.06022051	0.16433753	0.00038577
9mo_SIGAE3_TCGATTTGTAGTTACC-1-10x	0.17449506	0.57121676	0.0015753
9mo_SIGAE3_TCGATTTTCTCAGAAC-1-10x	0.07335773	0.21111315	0.0015819
9mo_SIGAE3_TCGCACTAGAAAGCGA-1-10x	0.09443558	0.2861617	0.0044051
9mo_SIGAE3_TCGCAGGCATAGGTTTC-1-10x	0.21403646	0.7120056	0.0010701
9mo_SIGAE3_TCGCAGGTCGACACTA-1-10x	0.14770547	0.47583133	0.0018716
9mo_SIGAE3_TCGCTCAAGGTAGTCG-1-10x	0.14507265	0.4664571	0.0018716
9mo_SIGAE3_TCGCTCATCCGGCAAC-1-10x	0.04697522	0.11717711	0.00010777
9mo_SIGAE3_TCGCTTGCATCCGAGC-1-10x	0.17295343	0.5657277	0.0016089
9mo_SIGAE3_TCGGATAAGCTGGCCT-1-10x	0.04424608	0.10745989	8.81E-05
9mo_SIGAE3_TCGGATAGTACTCAAC-1-10x	0.07185356	0.2057575	0.0014433
9mo_SIGAE3_TCGGGACAGCACACCC-1-10x	0.17242034	0.56382966	0.0016089
9mo_SIGAE3_TCGGGACAGCGACAGT-1-10x	0.18470524	0.6075705	0.0013959
9mo_SIGAE3_TCGGGACAGGGCCTCT-1-10x	0.19730304	0.6524255	0.0012292
9mo_SIGAE3_TCGGGACCACAGTGTT-1-10x	0.07668351	0.2229547	0.0022191
9mo_SIGAE3_TCGGGACGTCTCGACG-1-10x	0.2369705	0.7936632	0.00089602
9mo_SIGAE3_TCGGGACGTGCCACA-1-10x	0.10834709	0.3356942	0.0033168
9mo_SIGAE3_TCGGGACTCAGTGTGT-1-10x	0.23900284	0.8008994	0.00088278
9mo_SIGAE3_TCGGGCACAGCTGTTA-1-10x	0.02250904	0.03006426	3.76E-05
9mo_SIGAE3_TCGGGCAGTCCACACG-1-10x	0.05451158	0.14401066	0.00021164
9mo_SIGAE3_TCGGGCAGTTCCGCTT-1-10x	0.01649286	0.0086434	3.38E-05
9mo_SIGAE3_TCGGGCATCTGCTTTA-1-10x	0.08935798	0.26808268	0.0042295
9mo_SIGAE3_TCGGGTGTCCAAGAGG-1-10x	0.0958645	0.29124942	0.0043808
9mo_SIGAE3_TCGGTCTCAAGAATGT-1-10x	0.03600929	0.07813247	5.58E-05
9mo_SIGAE3_TCGTAGAAGGGTTTCT-1-10x	0.23041998	0.7703398	0.00094498
9mo_SIGAE3_TCGTAGATCCACGGGT-1-10x	0.2629176	0.8860489	0.00076511
9mo_SIGAE3_TCGTAGATCGCCGAAC-1-10x	0.22469448	0.74995387	0.00098869
9mo_SIGAE3_TCGTAGATCGTTCAGA-1-10x	0.04544244	0.11171959	9.39E-05
9mo_SIGAE3_TCGTCCAGTATCGAAA-1-10x	0.12021558	0.37795246	0.0022788
9mo_SIGAE3_TCGTCCATCGTTATCT-1-10x	0.15928309	0.5170539	0.0018109
9mo_SIGAE3_TCGTGCTCATACTTTC-1-10x	0.11578251	0.3621683	0.002594
9mo_SIGAE3_TCGTGCTGTTGGGATG-1-10x	0.01530345	0.00440846	3.27E-05
9mo_SIGAE3_TCGTGGGAGGATTCCCT-1-10x	0.09947277	0.30409682	0.0041652
9mo_SIGAE3_TCGTGGGTCCCATGGG-1-10x	0.09192541	0.27722412	0.0043903
9mo_SIGAE3_TCTACATGTAGTCTTG-1-10x	0.2864237	0.96974343	0.00075773
9mo_SIGAE3_TCTACGGTAGACAGC-1-10x	0.08567741	0.25497785	0.0037839

9mo_SIGAE3_TCTACCGTCTCATTAC-1-10x	0.09131448	0.27504888	0.0043535
9mo_SIGAE3_TCTACCGTCTTGAACG-1-10x	0.05220575	0.13580063	0.00017575
9mo_SIGAE3_TCTATCATCGGCTCTT-1-10x	0.07930329	0.23228256	0.002576
9mo_SIGAE3_TCTCACGAGACTAAGT-1-10x	0.25916067	0.8726722	0.00077499
9mo_SIGAE3_TCTCACGGTATTAAGG-1-10x	0.04660816	0.11587019	0.00010777
9mo_SIGAE3_TCTCACGTCCAAACCA-1-10x	0.02600807	0.04252269	4.09E-05
9mo_SIGAE3_TCTCAGCAGTGATAAC-1-10x	0.26237112	0.8841032	0.00076727
9mo_SIGAE3_TCTCCGAGTGCCTTCT-1-10x	0.0896603	0.2691591	0.0042295
9mo_SIGAE3_TCTCCGATCACAAGAA-1-10x	0.02240334	0.0296879	3.76E-05
9mo_SIGAE3_TCTGCCATCGAGCCAC-1-10x	0.09405478	0.28480583	0.0044154
9mo_SIGAE3_TCTGGCTCATTAGCA-1-10x	0.04759197	0.11937306	0.00011598
9mo_SIGAE3_TCTGGCTGTAAGAACT-1-10x	0.24263345	0.8138263	0.00085764
9mo_SIGAE3_TCTGGCTCCCTTGTG-1-10x	0.15194348	0.49092096	0.0018651
9mo_SIGAE3_TCTGTGCGTCAAGGCA-1-10x	0.08899795	0.2668008	0.0042295
9mo_SIGAE3_TCTGTGCGTGGCAGAT-1-10x	0.17540012	0.5744393	0.0015585
9mo_SIGAE3_TCTGTGCGTCCCGTGTT-1-10x	0.13361514	0.42566213	0.0019115
9mo_SIGAE3_TCTGTGCGTCTTATCT-1-10x	0.09770485	0.29780206	0.0042943
9mo_SIGAE3_TCTTAGTAGAAATTCG-1-10x	0.17628735	0.57759833	0.0015416
9mo_SIGAE3_TCTTAGTCATGACTTG-1-10x	0.05067983	0.13036755	0.00014746
9mo_SIGAE3_TCTTAGTGTCGTGCG-1-10x	0.17793418	0.58346194	0.0015248
9mo_SIGAE3_TCTTCCTGTACTCGCG-1-10x	0.08119138	0.23900515	0.0029431
9mo_SIGAE3_TCTTCCTGTGGACAGT-1-10x	0.03858125	0.08729003	6.36E-05
9mo_SIGAE3_TCTTGCGAGTTCTCTT-1-10x	0.23260202	0.778109	0.00092358
9mo_SIGAE3_TCTTGCGTCAACGAGG-1-10x	0.02918151	0.05382186	4.42E-05
9mo_SIGAE3_TCTTGCGTCGTGCTT-1-10x	0.29028037	0.9834752	0.00076163
9mo_SIGAE3_TCTTTGAAGAGATTCA-1-10x	0.14832604	0.4780409	0.0018713
9mo_SIGAE3_TCTTTGACAGCATACT-1-10x	0.02767947	0.04847379	4.19E-05
9mo_SIGAE3_TGAACGTGTACGTGAG-1-10x	0.10663098	0.3295839	0.0034182
9mo_SIGAE3_TGAATCGCACAAAGGTG-1-10x	0.18516229	0.6091979	0.0013959
9mo_SIGAE3_TGAATGCCAATTGAGA-1-10x	0.04089889	0.09554207	7.40E-05
9mo_SIGAE3_TGAATGCCACTGGCGT-1-10x	0.05203461	0.13519128	0.00016076
9mo_SIGAE3_TGAATGCCAGCTCGGT-1-10x	0.26224735	0.88366246	0.00076727
9mo_SIGAE3_TGACAGTAGACGGATC-1-10x	0.2696967	0.91018623	0.00075499
9mo_SIGAE3_TGACAGTAGCCGCTTG-1-10x	0.25871864	0.87109834	0.000778
9mo_SIGAE3_TGACAGTTCGTGGTAT-1-10x	0.01504755	0.00349733	3.27E-05
9mo_SIGAE3_TGACCCTAGCGAGGAG-1-10x	0.27407417	0.9257723	0.00075233
9mo_SIGAE3_TGACCCTGTTCGGTTA-1-10x	0.24351409	0.8169619	0.00085167
9mo_SIGAE3_TGACGCGTCATGAGTC-1-10x	0.05128132	0.13250917	0.00016076
9mo_SIGAE3_TGACGCGTCATTCGGA-1-10x	0.1067318	0.32994288	0.0034182
9mo_SIGAE3_TGACGCGTCCAGCTCT-1-10x	0.02001265	0.02117576	3.55E-05
9mo_SIGAE3_TGACTCCAGCTAATGA-1-10x	0.05676446	0.15203212	0.000257

9mo_SIGAE3_TGACTCCTCCTGGGTG-1-10x	0.23508443	0.7869477	0.00090964
9mo_SIGAE3_TGACTCCTCGCAAGAG-1-10x	0.22732465	0.7593187	0.00096676
9mo_SIGAE3_TGAGACTAGTTCTACG-1-10x	0.06744894	0.19007464	0.00088537
9mo_SIGAE3_TGAGACTGTAGGGAGG-1-10x	0.0835015	0.24723043	0.0034742
9mo_SIGAE3_TGAGACTGTTCGTATGT-1-10x	0.11292542	0.35199553	0.0028393
9mo_SIGAE3_TGAGCATGTAGAGTTA-1-10x	0.16132788	0.5243345	0.0017883
9mo_SIGAE3_TGAGCATTGAGGACAG-1-10x	0.27766868	0.93857074	0.00075239
9mo_SIGAE3_TGAGCGCAGTCGCCAC-1-10x	0.21463145	0.7141241	0.0010625
9mo_SIGAE3_TGAGCGCCACCCTCTA-1-10x	0.0913375	0.27513084	0.0043535
9mo_SIGAE3_TGAGGAGGTGCCTATA-1-10x	0.01943593	0.01912233	3.55E-05
9mo_SIGAE3_TGAGGGACATCCGCGA-1-10x	0.02229284	0.02929447	3.76E-05
9mo_SIGAE3_TGAGGTTACATACGT-1-10x	0.04400351	0.10659622	8.81E-05
9mo_SIGAE3_TGAGGTTTCTCTTGCG-1-10x	0.24541418	0.82372725	0.00084014
9mo_SIGAE3_TGAGTCAGTAGACGTG-1-10x	0.25014597	0.840575	0.00081397
9mo_SIGAE3_TGAGTCAGTGTTGCCG-1-10x	0.17839117	0.585089	0.0015081
9mo_SIGAE3_TGATCAGAGGGTGGGA-1-10x	0.05740215	0.15430264	0.00028394
9mo_SIGAE3_TGATCTTAGCGACTTT-1-10x	0.04533763	0.11134639	9.39E-05
9mo_SIGAE3_TGATCTTCAATATCCG-1-10x	0.06580707	0.18422872	0.00072102
9mo_SIGAE3_TGATCTTGTACAGCGA-1-10x	0.0494126	0.12585549	0.00013566
9mo_SIGAE3_TGATCTTGTACAGTAA-1-10x	0.11694975	0.36632434	0.002453
9mo_SIGAE3_TGATCTTGTAGTCTGT-1-10x	0.09051164	0.27219033	0.0042999
9mo_SIGAE3_TGATGCAAGAAGTGTT-1-10x	0.24352708	0.8170082	0.00085167
9mo_SIGAE3_TGATGCAAGTTGAATG-1-10x	0.04130875	0.0970014	7.40E-05
9mo_SIGAE3_TGATGCAGTAATACCC-1-10x	0.26870263	0.9066467	0.00075594
9mo_SIGAE3_TGATGCAGTCGCACGT-1-10x	0.06246889	0.17234296	0.00052741
9mo_SIGAE3_TGATGGTAGAGGGTAA-1-10x	0.20435727	0.6775424	0.0011518
9mo_SIGAE3_TGATGGTCAACTCGTA-1-10x	0.27808085	0.9400383	0.00075239
9mo_SIGAE3_TGATGGTTCAAACGTA-1-10x	0.04730973	0.11836815	0.00010777
9mo_SIGAE3_TGATTCTTCCAGCAAT-1-10x	0.23107669	0.772678	0.00093779
9mo_SIGAE3_TGATTCTTCTCCTGTG-1-10x	0.02031127	0.02223901	3.62E-05
9mo_SIGAE3_TGATTTCGTTTACTGG-1-10x	0.01926057	0.01849796	3.55E-05
9mo_SIGAE3_TGCACGGAGCAGTACG-1-10x	0.04975391	0.12707077	0.00013566
9mo_SIGAE3_TGCACGGGTAACGCG-1-10x	0.20390354	0.6759269	0.0011608
9mo_SIGAE3_TGCACGGTCGATGGAG-1-10x	0.1083236	0.33561054	0.0033168
9mo_SIGAE3_TGCAGATAGAGCCGTA-1-10x	0.04669469	0.11617828	0.00010777
9mo_SIGAE3_TGCAGATCATTCTTCA-1-10x	0.10290997	0.3163351	0.0038193
9mo_SIGAE3_TGCAGGCTCCCTAGGG-1-10x	0.27049804	0.9130394	0.00075418
9mo_SIGAE3_TGCATCCAGGCGTCCT-1-10x	0.2523803	0.8485305	0.00080028
9mo_SIGAE3_TGCATCCGTACAAAGT-1-10x	0.28138378	0.9517985	0.00075401
9mo_SIGAE3_TGCATGAAGTTCACTG-1-10x	0.277173	0.9368059	0.00075222
9mo_SIGAE3_TGCATGAGTATGCAA-1-10x	0.04542065	0.11164202	9.39E-05

9mo_SIGAE3_TGCATGAGTCGCAACC-1-10x	0.23909432	0.8012251	0.00087632
9mo_SIGAE3_TGCCGAGGTCCCAAAT-1-10x	0.03438762	0.07235844	5.37E-05
9mo_SIGAE3_TGCCGAGTCCATTGGA-1-10x	0.09220757	0.27822876	0.0043903
9mo_SIGAE3_TGCGACGAGTGGTGAC-1-10x	0.0350088	0.07457016	5.37E-05
9mo_SIGAE3_TGCGACGCAGTCTGGC-1-10x	0.08831389	0.26436514	0.0041422
9mo_SIGAE3_TGCGACGTCTGTGCAA-1-10x	0.08647819	0.25782907	0.0039187
9mo_SIGAE3_TGCGGCAAGGGTTGCA-1-10x	0.02007058	0.02138202	3.55E-05
9mo_SIGAE3_TGCGGCAGTGCTCTTC-1-10x	0.03281924	0.06677416	5.00E-05
9mo_SIGAE3_TGCGGGTAGCACTAGG-1-10x	0.02021989	0.02191363	3.62E-05
9mo_SIGAE3_TGCGGGTTCATGGCCG-1-10x	0.24725679	0.83028793	0.0008292
9mo_SIGAE3_TGCTCCAAGACGAGCT-1-10x	0.08185475	0.24136713	0.0031253
9mo_SIGAE3_TGCTCCATCTTGCTC-1-10x	0.240516	0.8062871	0.00086997
9mo_SIGAE3_TGCTCGTCAGACGATG-1-10x	0.07750659	0.2258853	0.0023954
9mo_SIGAE3_TGCTCGTGTTACGTAC-1-10x	0.09153802	0.2758448	0.0043535
9mo_SIGAE3_TGCTCGTTCCTGGTG-1-10x	0.23105608	0.77260464	0.00093779
9mo_SIGAE3_TGCTCGTTCGAATCG-1-10x	0.2413632	0.8093036	0.00086374
9mo_SIGAE3_TGCTTCGAGGACGGAG-1-10x	0.19790298	0.65456164	0.0012187
9mo_SIGAE3_TGCTTCGGTCAGGTGA-1-10x	0.23607263	0.79046625	0.00090278
9mo_SIGAE3_TGCTTGCCAGCTGGTC-1-10x	0.27152103	0.91668177	0.00075352
9mo_SIGAE3_TGCTTGCTCCTGTACC-1-10x	0.09253246	0.27938557	0.0044107
9mo_SIGAE3_TGGAAC TCATAACTCG-1-10x	0.10086281	0.30904612	0.0040879
9mo_SIGAE3_TGGAAC TGTTGGTGTT-1-10x	0.0863615	0.2574136	0.0039187
9mo_SIGAE3_TGGATCACAAGTGACG-1-10x	0.08933704	0.2680081	0.0042295
9mo_SIGAE3_TGGATCACACAATGCT-1-10x	0.24752158	0.83123076	0.00082396
9mo_SIGAE3_TGGATGTGTAGGCAGT-1-10x	0.06190499	0.1703352	0.00047505
9mo_SIGAE3_TGGCGTGTCAACTCTT-1-10x	0.29103452	0.9861604	0.00076269
9mo_SIGAE3_TGGGAAGCAACTCCAA-1-10x	0.17677395	0.57933086	0.0015416
9mo_SIGAE3_TGGGAGACAGACAAAT-1-10x	0.18059334	0.59292996	0.001475
9mo_SIGAE3_TGGGAGACAGCGTTGC-1-10x	0.08324674	0.24632335	0.0034742
9mo_SIGAE3_TGGGAGATCCTGCTAC-1-10x	0.07230091	0.2073503	0.0014433
9mo_SIGAE3_TGGGATTCACCCATC-1-10x	0.2518244	0.8465511	0.00080467
9mo_SIGAE3_TGGGATTCATAGCAC-1-10x	0.04915275	0.12493029	0.00012523
9mo_SIGAE3_TGGGCGTAGGCTTTCA-1-10x	0.1969843	0.65129066	0.0012292
9mo_SIGAE3_TGGGCGTCACAATGCT-1-10x	0.05159582	0.13362896	0.00016076
9mo_SIGAE3_TGGGCGTTCTGTGCGG-1-10x	0.04838326	0.12219049	0.00012523
9mo_SIGAE3_TGGGCTGGTGAGCAGT-1-10x	0.05107056	0.13175875	0.00014746
9mo_SIGAE3_TGGGCTGGTTGTTGTG-1-10x	0.03040663	0.05818396	4.55E-05
9mo_SIGAE3_TGGGCTGTCACTACTT-1-10x	0.2391208	0.8013194	0.00087632
9mo_SIGAE3_TGGTAGTGTAACAGTA-1-10x	0.04021942	0.09312281	7.01E-05
9mo_SIGAE3_TGGTGATAGACTTCGT-1-10x	0.10020014	0.30668664	0.0040879
9mo_SIGAE3_TGGTGATAGATCGGTG-1-10x	0.25154376	0.8455519	0.00080467

9mo_SIGAE3_TGGTGATGTAAGCAAT-1-10x	0.27072978	0.9138645	0.00075418
9mo_SIGAE3_TGGTTAGAGGCTCAAG-1-10x	0.08967473	0.2692105	0.0042295
9mo_SIGAE3_TGTAACGCACCTATCC-1-10x	0.04928168	0.12538937	0.00012523
9mo_SIGAE3_TGTAACGGTGGAACAC-1-10x	0.23438022	0.78444034	0.00090964
9mo_SIGAE3_TGTAAGCCACGAGAAC-1-10x	0.06032684	0.16471611	0.00038577
9mo_SIGAE3_TGTAAGCGTGCGGTAA-1-10x	0.08700436	0.2597025	0.0040384
9mo_SIGAE3_TGTAAGCTCCACACCT-1-10x	0.1065528	0.32930556	0.00352
9mo_SIGAE3_TGTACAGAGCATGCAG-1-10x	0.02578888	0.04174226	4.00E-05
9mo_SIGAE3_TGTACAGGTACGAAAT-1-10x	0.03571264	0.07707624	5.58E-05
9mo_SIGAE3_TGTACAGGTTGAGAGC-1-10x	0.10547663	0.3254738	0.0036214
9mo_SIGAE3_TGTAGACAGTCAGAGC-1-10x	0.01827665	0.01499467	3.44E-05
9mo_SIGAE3_TGTAGACCATAATCCG-1-10x	0.2617931	0.8820451	0.00076727
9mo_SIGAE3_TGTAGACTCGCATAGT-1-10x	0.09781312	0.29818755	0.0042943
9mo_SIGAE3_TGTCAGATCCTGCTAC-1-10x	0.0607279	0.16614412	0.00042799
9mo_SIGAE3_TGTCCACCACGTGTGC-1-10x	0.06863421	0.19429485	0.00097948
9mo_SIGAE3_TGTCCACGTCTCCTGT-1-10x	0.03796835	0.08510778	6.07E-05
9mo_SIGAE3_TGTCCACGTGCCAGT-1-10x	0.06111391	0.16751851	0.00042799
9mo_SIGAE3_TGTCCCATCATGGTAC-1-10x	0.16393326	0.53361106	0.0017494
9mo_SIGAE3_TGTCCCATCGTAGAGG-1-10x	0.08239001	0.24327295	0.0033032
9mo_SIGAE3_TGTCCTGAGTCACACT-1-10x	0.0477729	0.12001727	0.00011598
9mo_SIGAE3_TGTCCTGCAGGTGTGA-1-10x	0.0438113	0.10591183	8.81E-05
9mo_SIGAE3_TGTCCTGGTCCAACGC-1-10x	0.05124809	0.13239086	0.00016076
9mo_SIGAE3_TGTCCTGTCATGCCGG-1-10x	0.06374094	0.17687216	0.00058553
9mo_SIGAE3_TGTGAGTAGAAGCCTG-1-10x	0.02889975	0.05281864	4.42E-05
9mo_SIGAE3_TGTGAGTTCGTGGGTC-1-10x	0.23043106	0.77037925	0.00094498
9mo_SIGAE3_TGTGATGCAAGCGATG-1-10x	0.24239862	0.81299025	0.00085764
9mo_SIGAE3_TGTGATGCAATTGGTC-1-10x	0.29034033	0.9836887	0.00076163
9mo_SIGAE3_TGTGATGCACTGTGTA-1-10x	0.03009384	0.05707026	4.55E-05
9mo_SIGAE3_TGTGGCGAGGAGTACC-1-10x	0.01548079	0.00503989	3.33E-05
9mo_SIGAE3_TGTGGCGCATCTCAAG-1-10x	0.01746648	0.01211	3.44E-05
9mo_SIGAE3_TGTGGCGTCAGATTGC-1-10x	0.15944433	0.517628	0.0018109
9mo_SIGAE3_TGTGTGACAATTCCT-1-10x	0.07761791	0.22628166	0.0023954
9mo_SIGAE3_TGTTACTTCCTAACAG-1-10x	0.2733751	0.9232833	0.0007526
9mo_SIGAE3_TGTTTCATAGCACGATG-1-10x	0.04137496	0.09723716	7.40E-05
9mo_SIGAE3_TGTTTCATCATGAGATA-1-10x	0.11706702	0.36674187	0.002453
9mo_SIGAE3_TGTTTCATGTGTTAGCT-1-10x	0.03417139	0.07158853	5.17E-05
9mo_SIGAE3_TGTTCCGAGCACTCGC-1-10x	0.02233159	0.02943243	3.76E-05
9mo_SIGAE3_TGTTCCGAGGTTGACG-1-10x	0.131377	0.41769314	0.001934
9mo_SIGAE3_TGTTCCGGTGCGGATA-1-10x	0.12621774	0.39932337	0.0020515
9mo_SIGAE3_TGTTCTAAGATCGCCC-1-10x	0.10608188	0.32762882	0.00352
9mo_SIGAE3_TGTTCTAAGGTAGCCA-1-10x	0.02111641	0.02510575	3.69E-05

9mo_SIGAE3_TGTTGAGGTGGGTATG-1-10x	0.20909189	0.6944002	0.0011095
9mo_SIGAE3_TGTTGAGTCCGATGCG-1-10x	0.02193665	0.02802625	3.69E-05
9mo_SIGAE3_TGTTGGAAGTTCGCAT-1-10x	0.28323478	0.95838904	0.00075531
9mo_SIGAE3_TGTTGGACAAATAGCA-1-10x	0.17017962	0.55585146	0.0016584
9mo_SIGAE3_TGTTGGACAAGTACCT-1-10x	0.09970369	0.30491903	0.0041652
9mo_SIGAE3_TGTTTGTAGTGGTTGG-1-10x	0.16729826	0.54559225	0.0017056
9mo_SIGAE3_TGTTTGTCAAACCATC-1-10x	0.08253106	0.24377514	0.0033032
9mo_SIGAE3_TGTTTGTGTCCAAAGG-1-10x	0.0850293	0.25267023	0.0037839
9mo_SIGAE3_TGTTTGTTCCTCGTAT-1-10x	0.20042236	0.663532	0.0011985
9mo_SIGAE3_TTAATCCAGCTGACTT-1-10x	0.04432764	0.10775027	8.81E-05
9mo_SIGAE3_TTAATCCCAATCGAAA-1-10x	0.19626485	0.648729	0.00124
9mo_SIGAE3_TTAATCCCATGGTACT-1-10x	0.02981837	0.05608943	4.55E-05
9mo_SIGAE3_TTAATCCGTAACATAG-1-10x	0.16825227	0.54898906	0.0016902
9mo_SIGAE3_TTACAGGCAGTCGGTC-1-10x	0.03920123	0.08949751	6.67E-05
9mo_SIGAE3_TTACAGGCATACCGTA-1-10x	0.02466208	0.03773025	3.91E-05
9mo_SIGAE3_TTACAGGGTGGTAATA-1-10x	0.03126483	0.0612396	4.68E-05
9mo_SIGAE3_TTACCATGTATCCTCC-1-10x	0.2220582	0.7405673	0.0010106
9mo_SIGAE3_TTACCATGTCTCCCTA-1-10x	0.04498922	0.11010587	9.39E-05
9mo_SIGAE3_TTACCATCAAGCCCG-1-10x	0.04174548	0.09855641	7.40E-05
9mo_SIGAE3_TTACCGCTCATTGTTC-1-10x	0.02355544	0.03379002	3.83E-05
9mo_SIGAE3_TTACGCCCAATTAGGA-1-10x	0.10790268	0.33411184	0.0033168
9mo_SIGAE3_TTACGCCTCGCTTACC-1-10x	0.0483364	0.12202364	0.00011598
9mo_SIGAE3_TTACGTTAGAGAGAAC-1-10x	0.23508422	0.786947	0.00090964
9mo_SIGAE3_TTACGTTCAATCGTCA-1-10x	0.01775798	0.01314792	3.44E-05
9mo_SIGAE3_TTACGTTCAATTGCAC-1-10x	0.10632177	0.32848296	0.00352
9mo_SIGAE3_TTACGTTACATAACC-1-10x	0.11047915	0.3432855	0.0030221
9mo_SIGAE3_TTACTGTGTCGCTCGA-1-10x	0.06842031	0.19353327	0.00097948
9mo_SIGAE3_TTACTGTTCCCGTGTT-1-10x	0.08283404	0.24485391	0.0033032
9mo_SIGAE3_TTAGGCAGTATTTCTC-1-10x	0.04630571	0.1147933	0.00010046
9mo_SIGAE3_TTAGGGTAGGTGCATG-1-10x	0.10762194	0.33311227	0.0033168
9mo_SIGAE3_TTAGGGTGTTCGGTTC-1-10x	0.23431495	0.784208	0.00091657
9mo_SIGAE3_TTAGTCTCAAAGGGCT-1-10x	0.02013205	0.02160089	3.55E-05
9mo_SIGAE3_TTAGTCTTCGTCTCAC-1-10x	0.08514876	0.25309557	0.0037839
9mo_SIGAE3_TTATTGCCAGACCAGA-1-10x	0.08788216	0.26282796	0.0041422
9mo_SIGAE3_TTCAATCAGTACTGTC-1-10x	0.08337634	0.2467848	0.0034742
9mo_SIGAE3_TTCAATCGTGGTCTAT-1-10x	0.06785801	0.19153117	0.00088537
9mo_SIGAE3_TTCACCGAGCGTGAGT-1-10x	0.14801747	0.47694224	0.0018713
9mo_SIGAE3_TTCACCGGTCTCGGAC-1-10x	0.0483476	0.12206353	0.00011598
9mo_SIGAE3_TTCACGCAGATAACAC-1-10x	0.03802154	0.08529717	6.36E-05
9mo_SIGAE3_TTCACGCAGTCACAGG-1-10x	0.14418547	0.46329823	0.0018716
9mo_SIGAE3_TTCAGGAAGACTTCCA-1-10x	0.01644946	0.00848886	3.38E-05

9mo_SIGAE3_TTCAGGACACGTGTGC-1-10x	0.03149623	0.06206353	4.83E-05
9mo_SIGAE3_TTCATGTAGGAGGGTG-1-10x	0.2522684	0.848132	0.00080028
9mo_SIGAE3_TTCATGTAGGCTTCCG-1-10x	0.04309213	0.10335121	8.29E-05
9mo_SIGAE3_TTCATTGTCCATTAC-1-10x	0.04715125	0.11780386	0.00010777
9mo_SIGAE3_TTCCAATCAGCAGGAT-1-10x	0.07148918	0.20446008	0.0013138
9mo_SIGAE3_TTCCACGAGAGTGACC-1-10x	0.03924732	0.0896616	6.67E-05
9mo_SIGAE3_TTCCGTGCAGGTCTCG-1-10x	0.10371693	0.3192083	0.0038193
9mo_SIGAE3_TTCCGTGGTACAGTAA-1-10x	0.08570376	0.2550717	0.0037839
9mo_SIGAE3_TTCCTAAAGACAGTCG-1-10x	0.03075573	0.05942695	4.68E-05
9mo_SIGAE3_TTCCTCAGATCCGAG-1-10x	0.03940712	0.09023056	6.67E-05
9mo_SIGAE3_TTCCTTCGTGGCTCTG-1-10x	0.19900201	0.6584748	0.0012085
9mo_SIGAE3_TTCCTTCGTTGCGTAT-1-10x	0.22788127	0.76130056	0.00095947
9mo_SIGAE3_TTCGATTAGAGAGTGA-1-10x	0.25100437	0.8436313	0.00080923
9mo_SIGAE3_TTCGATTAGTGTCCA-1-10x	0.0311144	0.060704	4.68E-05
9mo_SIGAE3_TTCGCTGGTCTCTCTG-1-10x	0.11393227	0.35558048	0.0027534
9mo_SIGAE3_TTCGGTCCATTGTGCA-1-10x	0.09339184	0.2824454	0.0044107
9mo_SIGAE3_TTCTAACAGGATACCG-1-10x	0.02119704	0.02539282	3.69E-05
9mo_SIGAE3_TTCTAACGTCGTTGGC-1-10x	0.01874521	0.01666298	3.49E-05
9mo_SIGAE3_TTCTAACGTGATAGTA-1-10x	0.10108291	0.30982977	0.0040036
9mo_SIGAE3_TTCTAGTCAACAGCCC-1-10x	0.18423884	0.6059099	0.0014112
9mo_SIGAE3_TTCTCTCCACACCTAA-1-10x	0.04444008	0.10815062	8.81E-05
9mo_SIGAE3_TTCTCTCGTGTGGTCC-1-10x	0.07607916	0.2208029	0.0020486
9mo_SIGAE3_TTCTCTCTCGTTGTAG-1-10x	0.0969694	0.29518348	0.0043435
9mo_SIGAE3_TTCTGTACAAACTGCT-1-10x	0.05311424	0.13903536	0.00019264
9mo_SIGAE3_TTCTTGAAGCCATATC-1-10x	0.04386005	0.10608543	8.81E-05
9mo_SIGAE3_TTCTTGAAGTGCTCGC-1-10x	0.15085666	0.48705128	0.0018676
9mo_SIGAE3_TTGAACGCAGAAGTGC-1-10x	0.02923792	0.0540227	4.42E-05
9mo_SIGAE3_TTGAACGGTCACGCTG-1-10x	0.01990179	0.02078104	3.55E-05
9mo_SIGAE3_TTGAACGTCTAGATCG-1-10x	0.12297325	0.38777125	0.0021479
9mo_SIGAE3_TTGAGTGAGACCGTTT-1-10x	0.0413627	0.09719349	7.40E-05
9mo_SIGAE3_TTGATGGGTCCAAATC-1-10x	0.08723342	0.2605181	0.0040384
9mo_SIGAE3_TTGCATTAGACCTCAT-1-10x	0.0419245	0.09919381	7.82E-05
9mo_SIGAE3_TTGCATTTGTTTCATT-1-10x	0.04058194	0.09441356	7.01E-05
9mo_SIGAE3_TTGCCTGAGGCACTCC-1-10x	0.05889757	0.15962714	0.00034795
9mo_SIGAE3_TTGCCTGAGTTCCTGA-1-10x	0.25789386	0.8681617	0.000778
9mo_SIGAE3_TTGCCTGCACAATTCG-1-10x	0.05614081	0.1498116	0.000257
9mo_SIGAE3_TTGCCTGCATTACCC-1-10x	0.03836478	0.08651928	6.36E-05
9mo_SIGAE3_TTGCCTCCACGGCTAC-1-10x	0.2100017	0.69763964	0.0011014
9mo_SIGAE3_TTGCCTCTCCTTTAGT-1-10x	0.17138013	0.56012595	0.0016421
9mo_SIGAE3_TTGCTGCCACGATTCA-1-10x	0.24251491	0.81340426	0.00085764
9mo_SIGAE3_TTGATGCACGCTTAA-1-10x	0.15339254	0.4960804	0.0018617

9mo_SIGAE3_TTGGATGTCATTCCTACT-1-10x	0.05051797	0.12979123	0.00014746
9mo_SIGAE3_TTGGGATCAAAGACTA-1-10x	0.13840303	0.44270962	0.0018802
9mo_SIGAE3_TTGGGATCAACGTTAC-1-10x	0.04243543	0.10101299	7.82E-05
9mo_SIGAE3_TTGGGATCAGCTCGGT-1-10x	0.07365443	0.21216954	0.0015819
9mo_SIGAE3_TTGGGCGAGTCACTGT-1-10x	0.16449806	0.53562206	0.0017494
9mo_SIGAE3_TTGGGCGGTAGGCTCC-1-10x	0.03326267	0.06835299	5.00E-05
9mo_SIGAE3_TTGGGCGTCGCAATTG-1-10x	0.04574534	0.11279806	0.00010046
9mo_SIGAE3_TTGGGTACAGAGCTAG-1-10x	0.04617878	0.11434136	0.00010046
9mo_SIGAE3_TTGGGTAGTCGACGCT-1-10x	0.15562347	0.5040237	0.0018459
9mo_SIGAE3_TTGGTTTTAGGACTATA-1-10x	0.08306521	0.24567702	0.0033032
9mo_SIGAE3_TTGGTTTTTCATTGGTG-1-10x	0.07083947	0.20214675	0.0011935
9mo_SIGAE3_TTGGTTTTCTTCGTGC-1-10x	0.29195338	0.98943204	0.00076378
9mo_SIGAE3_TTGTGGACATAACAGA-1-10x	0.05118908	0.13218074	0.00016076
9mo_SIGAE3_TTGTGGATCAAGGTGG-1-10x	0.17499636	0.5730017	0.0015753
9mo_SIGAE3_TTGTGGATCGAGAAAT-1-10x	0.02186052	0.02775518	3.69E-05
9mo_SIGAE3_TTGTGTTGTAGCGTCC-1-10x	0.02102633	0.024785	3.62E-05
9mo_SIGAE3_TTGTGTTGTGCCACA-1-10x	0.26977614	0.910469	0.00075499
9mo_SIGAE3_TTGTTCAGTACCATC-1-10x	0.26488897	0.8930681	0.00076135
9mo_SIGAE3_TTGTTCAGTCGTGATT-1-10x	0.07832626	0.2288038	0.0023954
9mo_SIGAE3_TTGTGTGTCTGTTCAA-1-10x	0.01537264	0.0046548	3.27E-05
9mo_SIGAE3_TTGTGTGTGTACATC-1-10x	0.26628602	0.8980423	0.00075831
9mo_SIGAE3_TTGTGTGTGTTGAC-1-10x	0.22713368	0.75863874	0.00096676
9mo_SIGAE3_TTGTGTTCAACCTCC-1-10x	0.11093602	0.34491217	0.0030221
9mo_SIGAE3_TTGTGTTGAGAACAAGG-1-10x	0.16427529	0.53482884	0.0017494
9mo_SIGAE3_TTGTGTTGCACTAACCA-1-10x	0.11344638	0.35385042	0.0027534
9mo_SIGAE3_TTGTGTTGCAGCTCGGT-1-10x	0.17429377	0.5705001	0.0015753
9mo_SIGAE3_TTTACCAAGCTAGCCC-1-10x	0.02139958	0.02611397	3.69E-05
9mo_SIGAE3_TTTACCAAGTGTAGAT-1-10x	0.1509776	0.4874819	0.0018676
9mo_SIGAE3_TTTACCACAAGTGCTT-1-10x	0.05899498	0.15997398	0.00034795
9mo_SIGAE3_TTTACGTCACCTCAGG-1-10x	0.28763708	0.97406363	0.00075864
9mo_SIGAE3_TTTACGTCAGCAGGAT-1-10x	0.01533071	0.00450551	3.27E-05
9mo_SIGAE3_TTTACGTGTGCCTGCA-1-10x	0.24454185	0.8206213	0.00084583
9mo_SIGAE3_TTTACGTGTTATGACC-1-10x	0.05001819	0.12801175	0.00013566
9mo_SIGAE3_TTTACTGGTGGCTAGA-1-10x	0.07218082	0.20692271	0.0014433
9mo_SIGAE3_TTTACTGTGCAAGAG-1-10x	0.08988105	0.26994509	0.0042999
9mo_SIGAE3_TTTATGCAGACGCCAA-1-10x	0.27851737	0.9415925	0.00075266
9mo_SIGAE3_TTTATGCCAACGATTC-1-10x	0.08004554	0.23492537	0.0027593
9mo_SIGAE3_TTTCAGTGTTCCGGCT-1-10x	0.2560167	0.861478	0.00078463
9mo_SIGAE3_TTTCCTCCACGTAGTT-1-10x	0.05372141	0.14119719	0.00019264
9mo_SIGAE3_TTTCCTCGTTTCCATT-1-10x	0.13585362	0.43363234	0.0018891
9mo_SIGAE3_TTTCCTCTCACGGGCT-1-10x	0.08487418	0.2521179	0.0036353

9mo_SIGAE3_TTTCGATGTAGCTTTG-1-10x	0.0502095	0.1286929	0.00013566
9mo_SIGAE3_TTTGACTTCGAGAATA-1-10x	0.27491078	0.9287511	0.00075218
9mo_SIGAE3_TTTGATCCAAGCGAAC-1-10x	0.265802	0.8963189	0.00075974
9mo_SIGAE3_TTTGATCCAGATCCAT-1-10x	0.20731711	0.6880811	0.001126
9mo_SIGAE3_TTTGATCGTTGCCATA-1-10x	0.07928801	0.23222815	0.002576
9mo_SIGAE3_TTTGATCTCCCGATCT-1-10x	0.07810109	0.22800207	0.0023954
9mo_SIGAE3_TTTGATCTCTTTCTAG-1-10x	0.26628524	0.8980395	0.00075831
9mo_SIGAE3_TTTGGAGCAATCGTCA-1-10x	0.07270935	0.20880456	0.0014433
9mo_SIGAE3_TTTGGAGTCGAAATCC-1-10x	0.20927069	0.6950368	0.0011095
9mo_SIGAE3_TTTGGTTGTTTCGTTT-1-10x	0.2357755	0.7894083	0.00090278
9mo_SIGAE3_TTTGTTGCACCAGTTA-1-10x	0.13432066	0.4281742	0.0019027
9mo_SIGAE3_TTTGTTGGTCGTGATT-1-10x	0.08195783	0.24173413	0.0031253
9mo_SIGAE3_TTTGTTGGTTGCTTGA-1-10x	0.09165264	0.27625293	0.0043903
9mo_SIGAE3_AAACGCTTCTGCGGAC-1-10x	0.0823952	0.24329144	0.0033032
9mo_SIGAE3_AAAGAACGTTTGTGG-1-10x	0.01657402	0.00893236	3.38E-05
9mo_SIGAE3_AAAGGATAGAGCCGAT-1-10x	0.24658638	0.82790095	0.0008292
9mo_SIGAE3_AAAGGGCAGAGTGACC-1-10x	0.18772078	0.6183075	0.0013519
9mo_SIGAE3_AAAGGTACACTTGGGC-1-10x	0.12381686	0.39077494	0.0021124
9mo_SIGAE3_AAAGTCCCAGACACCC-1-10x	0.17785169	0.5831682	0.0015248
9mo_SIGAE3_AAAGTCCGTTAGGGTG-1-10x	0.02391367	0.0350655	3.83E-05
9mo_SIGAE3_AAAGTGACAGTCCCGA-1-10x	0.02952794	0.05505535	4.42E-05
9mo_SIGAE3_AAAGTGATCCGAGTGC-1-10x	0.09673667	0.29435483	0.0043435
9mo_SIGAE3_AAATGGACACGCACCA-1-10x	0.02072509	0.02371244	3.62E-05
9mo_SIGAE3_AAATGGACACTTTAGG-1-10x	0.03872408	0.08779858	6.36E-05
9mo_SIGAE3_AACAAAGAGAAATCCA-1-10x	0.04651223	0.11552862	0.00010777
9mo_SIGAE3_AACAAAGAGTACAACA-1-10x	0.28445035	0.9627172	0.00075605
9mo_SIGAE3_AACAAAGCAGTAGAAT-1-10x	0.21633722	0.7201975	0.001055
9mo_SIGAE3_AACAACCGTGTAGGAC-1-10x	0.07225183	0.20717555	0.0014433
9mo_SIGAE3_AACAAGATCGTGCTCT-1-10x	0.04460658	0.10874347	9.39E-05
9mo_SIGAE3_AACACACCATACTGAC-1-10x	0.07444334	0.2149785	0.0017292
9mo_SIGAE3_AACCACATCGAGAAAT-1-10x	0.01744018	0.01201636	3.44E-05
9mo_SIGAE3_AACCATGAGCTTCTAG-1-10x	0.275723	0.9316431	0.00075214
9mo_SIGAE3_AACCTTTCACGTCTCT-1-10x	0.15159294	0.48967284	0.0018676
9mo_SIGAE3_AACGAAAAGTGATAGT-1-10x	0.0322205	0.06464233	4.83E-05
9mo_SIGAE3_AACGAAACACCGTGCA-1-10x	0.02356525	0.03382493	3.83E-05
9mo_SIGAE3_AACGAAACAGCTCATA-1-10x	0.02691951	0.0457679	4.19E-05
9mo_SIGAE3_AACGGGACAAGGTCTT-1-10x	0.05986138	0.16305883	0.00038577
9mo_SIGAE3_AAGATAGAGTAAGCAT-1-10x	0.10694174	0.33069038	0.0034182
9mo_SIGAE3_AAGATAGCATTCTAT-1-10x	0.03984533	0.09179085	6.67E-05
9mo_SIGAE3_AAGCCATCATCATCTT-1-10x	0.2816523	0.9527546	0.00075401
9mo_SIGAE3_AAGCGAGGTCTCCCTA-1-10x	0.07376996	0.21258089	0.0017292

9mo_SIGAE3_AAGCGAGTCATCAGTG-1-10x	0.06451819	0.1796396	0.00064991
9mo_SIGAE3_AAGCGTTTCATTCGGA-1-10x	0.08891315	0.26649886	0.0042295
9mo_SIGAE3_AAGGAATAGGCCATAG-1-10x	0.05008232	0.12824008	0.00013566
9mo_SIGAE3_AAGGAATAGTGCACAG-1-10x	0.01997989	0.0210591	3.55E-05
9mo_SIGAE3_AAGGAATGTCTTCGAA-1-10x	0.06649571	0.18668063	0.00079936
9mo_SIGAE3_AAGGAATTCGGCTTCT-1-10x	0.08718993	0.26036325	0.0040384
9mo_SIGAE3_AAGTGAACATAACAGA-1-10x	0.06970181	0.1980961	0.0010821
9mo_SIGAE3_AAGTGAATCGGAGTAG-1-10x	0.06880109	0.19488904	0.00097948
9mo_SIGAE3_AAGTTCGCAGGTATGG-1-10x	0.07248001	0.20798798	0.0014433
9mo_SIGAE3_AATCGTGGTCATCACA-1-10x	0.05416924	0.14279172	0.00021164
9mo_SIGAE3_AATGAAGGTGTTACAC-1-10x	0.09536098	0.2894566	0.0043808
9mo_SIGAE3_AATGAAGTCCCGAGAC-1-10x	0.07288513	0.20943044	0.0015819
9mo_SIGAE3_AATGCCAAGCACTGGA-1-10x	0.04078632	0.09514125	7.01E-05
9mo_SIGAE3_AATGCCAAGGTTGTTC-1-10x	0.04819175	0.12150863	0.00011598
9mo_SIGAE3_AATGCCATCCTCTCGA-1-10x	0.07856617	0.22965801	0.002576
9mo_SIGAE3_AATGGAAAGAGTCAGC-1-10x	0.29350778	0.9949665	0.00076488
9mo_SIGAE3_AATGGAAACATGTCTAG-1-10x	0.22477733	0.75024885	0.00098869
9mo_SIGAE3_AATTCCTCAATTCTCT-1-10x	0.0732121	0.21059462	0.0015819
9mo_SIGAE3_AATTCCTCATGATGCT-1-10x	0.24469829	0.82117826	0.00084014
9mo_SIGAE3_AATTCCTGTCCTTAAG-1-10x	0.19243811	0.63510376	0.0012861
9mo_SIGAE3_ACACAGTCAATGTCTG-1-10x	0.25636065	0.8627026	0.00078463
9mo_SIGAE3_ACAGAAACAGAAACCG-1-10x	0.26813856	0.90463835	0.00075705
9mo_SIGAE3_ACAGAAATCCGCACGA-1-10x	0.01784331	0.01345172	3.44E-05
9mo_SIGAE3_ACAGAAATCGTTAGTG-1-10x	0.08620993	0.25687394	0.0039187
9mo_SIGAE3_ACAGCCGCAGCGGATA-1-10x	0.02117537	0.02531568	3.69E-05
9mo_SIGAE3_ACATCCCAGTCTTGGT-1-10x	0.18997402	0.62633026	0.0013244
9mo_SIGAE3_ACATCGAGTCTAGGCC-1-10x	0.14003396	0.44851664	0.001875
9mo_SIGAE3_ACCAAACCATAACGGG-1-10x	0.02788011	0.04918818	4.30E-05
9mo_SIGAE3_ACCAACAGTCACAGTT-1-10x	0.08160697	0.2404849	0.0031253
9mo_SIGAE3_ACCAACATCAACTGAC-1-10x	0.02828742	0.0506384	4.30E-05
9mo_SIGAE3_ACCACAAGTCTCTCTG-1-10x	0.02077389	0.02388617	3.62E-05
9mo_SIGAE3_ACCACAATCGTAGGGA-1-10x	0.05667378	0.15170923	0.000257
9mo_SIGAE3_ACCCAAACAGGCTACC-1-10x	0.1360439	0.43430987	0.0018891
9mo_SIGAE3_ACCCAAAGTAAGGCTG-1-10x	0.02193801	0.02803107	3.69E-05
9mo_SIGAE3_ACCCAAATCCGCGATG-1-10x	0.23831156	0.7984381	0.00088278
9mo_SIGAE3_ACCCTCAAGCATCAGG-1-10x	0.24525698	0.8231675	0.00084014
9mo_SIGAE3_ACCCTCAAGCCTCTCT-1-10x	0.07237119	0.20760053	0.0014433
9mo_SIGAE3_ACCCTCAGTCTAACTG-1-10x	0.27784678	0.9392049	0.00075239
9mo_SIGAE3_ACCCTCATCTTGCAAG-1-10x	0.0233769	0.0331543	3.83E-05
9mo_SIGAE3_ACCCTTGAGATAACAC-1-10x	0.10256378	0.3151025	0.0039137
9mo_SIGAE3_ACCCTTGAGTGGACGT-1-10x	0.03757587	0.08371035	6.07E-05

9mo_SIGAE3_ACCTACCGTTTAGTCG-1-10x	0.0173626	0.01174014	3.44E-05
9mo_SIGAE3_ACCTGAAAGCGTCAGA-1-10x	0.23631227	0.79131955	0.00089602
9mo_SIGAE3_ACCTGAAGTAGGTCAG-1-10x	0.02560815	0.04109875	4.00E-05
9mo_SIGAE3_ACCTGTCTCAAACGTC-1-10x	0.03589769	0.0777351	5.58E-05
9mo_SIGAE3_ACGATCACATGTGCTA-1-10x	0.10514987	0.32431036	0.0036214
9mo_SIGAE3_ACGATGTTCGACCACG-1-10x	0.05088157	0.13108584	0.00014746
9mo_SIGAE3_ACGCACGCAATAACCC-1-10x	0.1017856	0.31233174	0.0040036
9mo_SIGAE3_ACGCACGGTTAAGCAA-1-10x	0.08132807	0.23949187	0.0031253
9mo_SIGAE3_ACGGGTCAGAATCGCG-1-10x	0.05078399	0.13073839	0.00014746
9mo_SIGAE3_ACGGTTCGCACGGCGTT-1-10x	0.04110445	0.09627398	7.40E-05
9mo_SIGAE3_ACGGTTAAGACTTCGT-1-10x	0.0161869	0.00755402	3.33E-05
9mo_SIGAE3_ACGGTTACACAGAGCA-1-10x	0.11325459	0.35316756	0.0027534
9mo_SIGAE3_ACGTAACCACGCTGCA-1-10x	0.03844093	0.08679041	6.36E-05
9mo_SIGAE3_ACGTAACGTTGATGTC-1-10x	0.03768497	0.0840988	6.07E-05
9mo_SIGAE3_ACGTACAGTTACGGAG-1-10x	0.01733028	0.01162508	3.38E-05
9mo_SIGAE3_ACGTACATCAGACTA-1-10x	0.09562701	0.29040384	0.0043808
9mo_SIGAE3_ACTATCTAGTGGACGT-1-10x	0.06158615	0.16919993	0.00047505
9mo_SIGAE3_ACTATGGCAAACACGG-1-10x	0.27675846	0.93532985	0.00075222
9mo_SIGAE3_ACTATGGCATTACTCT-1-10x	0.14681679	0.47266716	0.0018717
9mo_SIGAE3_ACTATGGTCATCACCC-1-10x	0.26617995	0.89766467	0.00075974
9mo_SIGAE3_ACTATTCCAGCTGTCG-1-10x	0.12352366	0.38973102	0.0021124
9mo_SIGAE3_ACTCCATCACCATAG-1-10x	0.12429522	0.3924782	0.0021124
9mo_SIGAE3_ACTCTCGGTGCCGAAA-1-10x	0.06418624	0.17845766	0.00058553
9mo_SIGAE3_ACTCTCGGTGGATTTC-1-10x	0.08179355	0.24114923	0.0031253
9mo_SIGAE3_ACTGCAAGTCGTATTG-1-10x	0.05210142	0.13542917	0.00016076
9mo_SIGAE3_ACTGTCCCAACTCATG-1-10x	0.03510856	0.07492536	5.37E-05
9mo_SIGAE3_ACTGTCCCACTTCCTG-1-10x	0.08852848	0.26512924	0.0041422
9mo_SIGAE3_ACTGTCCGTTGCCTAA-1-10x	0.0623793	0.17202398	0.00047505
9mo_SIGAE3_ACTGTGAAGACGCTCC-1-10x	0.02012891	0.02158972	3.55E-05
9mo_SIGAE3_ACTGTGAAGATTAGTG-1-10x	0.21983725	0.7326595	0.0010253
9mo_SIGAE3_ACTTATCGTACCAATC-1-10x	0.01742713	0.0119699	3.44E-05
9mo_SIGAE3_ACTTATCGTGATACCT-1-10x	0.03630507	0.0791856	5.82E-05
9mo_SIGAE3_ACTTCCGAGATCACCT-1-10x	0.05512502	0.14619483	0.000233
9mo_SIGAE3_ACTTTGTCATTAAAGG-1-10x	0.13252242	0.42177147	0.0019219
9mo_SIGAE3_ACTTTGTGTATCACCA-1-10x	0.01824551	0.01488378	3.44E-05
9mo_SIGAE3_ACTTTGTGTGTTTGCA-1-10x	0.03009261	0.05706587	4.55E-05
9mo_SIGAE3_AGAAATGGTTAGGCTT-1-10x	0.02920199	0.05389477	4.42E-05
9mo_SIGAE3_AGAACCTGTACTGAGG-1-10x	0.08894573	0.26661485	0.0042295
9mo_SIGAE3_AGAACCTTCGCTGTTC-1-10x	0.01533072	0.00450556	3.27E-05
9mo_SIGAE3_AGAAGCGCATAACTCG-1-10x	0.08738168	0.26104596	0.0040384
9mo_SIGAE3_AGACAAAGTGCCAAGA-1-10x	0.11588903	0.36254758	0.002594

9mo_SIGAE3_AGACACTAGTAGGATT-1-10x	0.0948909	0.28778288	0.0044051
9mo_SIGAE3_AGACAGGTCTCGTGAA-1-10x	0.07850055	0.22942434	0.002576
9mo_SIGAE3_AGACCCGAGCTTAAGA-1-10x	0.11663484	0.36520308	0.0025211
9mo_SIGAE3_AGACTCAGTTATAGCC-1-10x	0.02766648	0.04842753	4.19E-05
9mo_SIGAE3_AGAGAATGTGCACGCT-1-10x	0.04787121	0.12036732	0.00011598
9mo_SIGAE3_AGAGAATGTGGTCTGC-1-10x	0.02534925	0.04017693	4.00E-05
9mo_SIGAE3_AGAGCAGCACGATAGG-1-10x	0.02386632	0.03489691	3.83E-05
9mo_SIGAE3_AGATAGAAGTGATAAC-1-10x	0.02911532	0.0535862	4.42E-05
9mo_SIGAE3_AGATAGATCCCGATCT-1-10x	0.10422425	0.32101467	0.0037215
9mo_SIGAE3_AGATCGTAGCGTTGTT-1-10x	0.14292528	0.45881128	0.0018718
9mo_SIGAE3_AGCATCATCCCTTG-1-10x	0.02268411	0.0306876	3.76E-05
9mo_SIGAE3_AGCATCATCGAGCACC-1-10x	0.19326724	0.6380559	0.0012741
9mo_SIGAE3_AGCCAATCAGTGGCTC-1-10x	0.10573478	0.32639298	0.00352
9mo_SIGAE3_AGCCACGAGCATGATA-1-10x	0.04691493	0.11696244	0.00010777
9mo_SIGAE3_AGCGATTCGATTGGT-1-10x	0.04436167	0.10787147	8.81E-05
9mo_SIGAE3_AGCGCCAAGAGATTCA-1-10x	0.02047529	0.02282301	3.62E-05
9mo_SIGAE3_AGCGCCAAGCTGGTGA-1-10x	0.0401011	0.09270153	7.01E-05
9mo_SIGAE3_AGCGCCAAGTTGCC-1-10x	0.02407081	0.03562499	3.91E-05
9mo_SIGAE3_AGCGCCACAAGATTGA-1-10x	0.2307539	0.7715287	0.00093779
9mo_SIGAE3_AGCGTATAGGATACGC-1-10x	0.28771952	0.9743572	0.00075864
9mo_SIGAE3_AGCTACACAGCGACAA-1-10x	0.04297628	0.1029387	8.29E-05
9mo_SIGAE3_AGCTCAAGTGATTAGA-1-10x	0.27002826	0.9113667	0.00075499
9mo_SIGAE3_AGGAAATCAAGCGTT-1-10x	0.041457	0.09752925	7.40E-05
9mo_SIGAE3_AGGACGATCCTACGGG-1-10x	0.09164424	0.27622303	0.0043903
9mo_SIGAE3_AGGACGATCGATACGT-1-10x	0.1408494	0.45142	0.0018734
9mo_SIGAE3_AGGACGATCTCCCTAG-1-10x	0.01857639	0.0160619	3.49E-05
9mo_SIGAE3_AGGACTTCACTCCTGT-1-10x	0.01937943	0.01892115	3.55E-05
9mo_SIGAE3_AGGACTTTCGGTTAGT-1-10x	0.15753567	0.5108322	0.0018302
9mo_SIGAE3_AGGATCTAGGGTTAGC-1-10x	0.02572662	0.04152058	4.00E-05
9mo_SIGAE3_AGGATCTTCACTCCGT-1-10x	0.02028102	0.02213132	3.62E-05
9mo_SIGAE3_AGGATCTTCGTGCGAC-1-10x	0.02765105	0.04837259	4.19E-05
9mo_SIGAE3_AGGCATTAGTCGAGGT-1-10x	0.02020888	0.02187445	3.62E-05
9mo_SIGAE3_AGGCATTGTGGCTACC-1-10x	0.04834626	0.12205874	0.00011598
9mo_SIGAE3_AGGCATTTCAGGAACG-1-10x	0.04908717	0.1246968	0.00012523
9mo_SIGAE3_AGGCTGCGTATCGAAA-1-10x	0.02815166	0.05015505	4.30E-05
9mo_SIGAE3_AGGCTGCTCAGTAGGG-1-10x	0.05214434	0.13558199	0.00017575
9mo_SIGAE3_AGGCTGCTCCTGGCTT-1-10x	0.05773429	0.15548523	0.00028394
9mo_SIGAE3_AGGGCCTCAAGGATGC-1-10x	0.04668962	0.1161602	0.00010777
9mo_SIGAE3_AGGGCCTCAGGGACTA-1-10x	0.05000344	0.12795922	0.00013566
9mo_SIGAE3_AGGGCTCTCTGGACCG-1-10x	0.14887656	0.4800011	0.0018705
9mo_SIGAE3_AGGGTGAAGTCCCGAC-1-10x	0.12151462	0.38257775	0.0022308

9mo_SIGAE3_AGGGTGATCATTGCC-1-10x	0.04298277	0.10296182	8.29E-05
9mo_SIGAE3_AGGTAGGAGACAGCGT-1-10x	0.14766935	0.47570273	0.0018716
9mo_SIGAE3_AGGTCTACAGTCAACT-1-10x	0.04125657	0.09681562	7.40E-05
9mo_SIGAE3_AGGTGTTGTCCTTGTC-1-10x	0.19070232	0.6289234	0.0013113
9mo_SIGAE3_AGGTGTTTCGCAGTGC-1-10x	0.26034564	0.8768913	0.00077221
9mo_SIGAE3_AGGTTGTGTACCCACG-1-10x	0.09118703	0.27459508	0.0043535
9mo_SIGAE3_AGTAACCTCAGCAATC-1-10x	0.06669212	0.18737997	0.00079936
9mo_SIGAE3_AGTACCACAATTTCTC-1-10x	0.04250692	0.10126755	7.82E-05
9mo_SIGAE3_AGTACCAGTCCTACGG-1-10x	0.01520269	0.0040497	3.27E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.05395322	0.14202258	0.00019264
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.01647147	0.00856725	3.38E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02431626	0.03649895	3.91E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02840224	0.05104725	4.30E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.15226822	0.4920772	0.0018651
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.16980037	0.5545011	0.0016584
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02387426	0.03492517	3.83E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.0214267	0.02621053	3.69E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.161849	0.52619	0.0017883
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.27268773	0.92083585	0.000753
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.09358819	0.28314453	0.0044154
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.04595536	0.11354586	0.00010046
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.05111434	0.13191463	0.00014746
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.03802644	0.08531461	6.36E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.04387844	0.10615088	8.81E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02402121	0.03544841	3.91E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02315471	0.03236318	3.83E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02374799	0.03447558	3.83E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.25843585	0.87009144	0.000778
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02038391	0.02249765	3.62E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02016565	0.02172051	3.55E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.28308195	0.9578449	0.00075462
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.2921233	0.99003696	0.00076378
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.14651626	0.47159714	0.0018717
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.03080865	0.05961535	4.68E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.26870713	0.90666276	0.00075594
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.0426413	0.10174602	7.82E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.04391345	0.10627557	8.81E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.09297761	0.28097054	0.0044107
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.19004908	0.6265975	0.0013244
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.02667165	0.0448854	4.09E-05
9mo_SIGAE3_AGTAAGTGTGCTTGTGT-1-10x	0.17349076	0.56764096	0.0015922

9mo_SIGAE3_ATCGGCGAGGCCCACT-1-10x	0.05686478	0.15238932	0.00028394
9mo_SIGAE3_ATCGTAGCAGCACACC-1-10x	0.07788128	0.2272194	0.0023954
9mo_SIGAE3_ATCGTAGTCCTCAGAA-1-10x	0.07038236	0.2005192	0.0011935
9mo_SIGAE3_ATCGTCCGTAGCTGCC-1-10x	0.08792723	0.26298845	0.0041422
9mo_SIGAE3_ATCTCTACACCTATCC-1-10x	0.28839067	0.9767468	0.0007596
9mo_SIGAE3_ATCTCTAGTCGTGGTC-1-10x	0.0387937	0.08804646	6.36E-05
9mo_SIGAE3_ATCTTCACAAACGAGC-1-10x	0.08138162	0.23968253	0.0031253
9mo_SIGAE3_ATCTTCATCGGCCAAC-1-10x	0.20984611	0.6970857	0.0011095
9mo_SIGAE3_ATCTTCATCGTTAGAC-1-10x	0.01727532	0.01142939	3.38E-05
9mo_SIGAE3_ATGAAAGAGTATGAAC-1-10x	0.18295258	0.60133016	0.0014268
9mo_SIGAE3_ATGAAAGCATGGATCT-1-10x	0.10300608	0.3166773	0.0038193
9mo_SIGAE3_ATGAAAGGTCTTGCTC-1-10x	0.2727683	0.92112267	0.000753
9mo_SIGAE3_ATGACCAGTCTTGTC-1-10x	0.02107381	0.02495406	3.62E-05
9mo_SIGAE3_ATGACCAGTTGCTGAT-1-10x	0.02125809	0.02561019	3.69E-05
9mo_SIGAE3_ATGAGGGAGCCTGACC-1-10x	0.09337732	0.2823937	0.0044107
9mo_SIGAE3_ATGAGGGGTAGAGGAA-1-10x	0.0201212	0.02156225	3.55E-05
9mo_SIGAE3_ATGAGTCGTTGAGTCT-1-10x	0.0239215	0.03509338	3.83E-05
9mo_SIGAE3_ATGATCGGTTCCCACT-1-10x	0.04363338	0.10527835	8.29E-05
9mo_SIGAE3_ATGCCTCTACGGTA-1-10x	0.24859673	0.83505887	0.00081888
9mo_SIGAE3_ATGGAGGCAAAGGTTA-1-10x	0.15151913	0.48941007	0.0018676
9mo_SIGAE3_ATGGATCGTTGACTGT-1-10x	0.07323038	0.2106597	0.0015819
9mo_SIGAE3_ATGGGTTGTAAGTCT-1-10x	0.10440247	0.32164922	0.0037215
9mo_SIGAE3_ATGGGTTGTGTAATC-1-10x	0.01804688	0.01417654	3.44E-05
9mo_SIGAE3_ATGTCCCTCTCCGATC-1-10x	0.07479716	0.21623829	0.001885
9mo_SIGAE3_ATTACCTCAGTCTACA-1-10x	0.28333738	0.9587544	0.00075531
9mo_SIGAE3_ATTACTCGTCACTGAT-1-10x	0.04607767	0.11398136	0.00010046
9mo_SIGAE3_ATTCAGGCAGGTACGA-1-10x	0.01517592	0.00395436	3.27E-05
9mo_SIGAE3_ATTCAGGGTACGAAAT-1-10x	0.0519423	0.13486262	0.00016076
9mo_SIGAE3_ATTCATCAGTTGGCT-1-10x	0.01709466	0.01078611	3.38E-05
9mo_SIGAE3_ATTCATCGTTGTGGCC-1-10x	0.1394007	0.44626188	0.0018772
9mo_SIGAE3_ATTCCATCACCAGACC-1-10x	0.01667293	0.00928454	3.38E-05
9mo_SIGAE3_ATTCGTTGTCAACCTA-1-10x	0.04517611	0.1107713	9.39E-05
9mo_SIGAE3_ATTCTACGTCTCGGGT-1-10x	0.19640166	0.6492161	0.00124
9mo_SIGAE3_ATTGTTCCATCATTTTC-1-10x	0.14540364	0.4676356	0.0018716
9mo_SIGAE3_ATTTCACGTTGGCTAT-1-10x	0.06095024	0.16693574	0.00042799
9mo_SIGAE3_ATTTCTGGTCTGGTG-1-10x	0.02495929	0.03878848	4.00E-05
9mo_SIGAE3_CAAAGAACAACCTTGAGT-1-10x	0.03323804	0.06826529	5.00E-05
9mo_SIGAE3_CAACAACCAGCTGTTCG-1-10x	0.04582807	0.11309262	0.00010046
9mo_SIGAE3_CAACAACCTCGATTCCC-1-10x	0.24957159	0.8385299	0.00081397
9mo_SIGAE3_CAACAGTCATCGCCTT-1-10x	0.04780982	0.12014874	0.00011598
9mo_SIGAE3_CAACCAACATGTGTCA-1-10x	0.07769721	0.22656403	0.0023954

9mo_SIGAE3_CAACCAAGTTGTTGTG-1-10x	0.03715109	0.08219788	6.07E-05
9mo_SIGAE3_CAACCTCAGTATGAGT-1-10x	0.02825034	0.0505064	4.30E-05
9mo_SIGAE3_CAACCTCCATTCTTCA-1-10x	0.2555047	0.85965496	0.00078825
9mo_SIGAE3_CAACGGCGTTTCCCAC-1-10x	0.0817411	0.24096248	0.0031253
9mo_SIGAE3_CAACGGCTCTGTTTCAT-1-10x	0.0175429	0.01238212	3.44E-05
9mo_SIGAE3_CAAGACTTCGCGCTGA-1-10x	0.02478806	0.0381788	3.91E-05
9mo_SIGAE3_CAAGCTACATTCTCTA-1-10x	0.19977173	0.6612154	0.0011985
9mo_SIGAE3_CAAGGGAGTCACTCAA-1-10x	0.26286763	0.885871	0.00076511
9mo_SIGAE3_CAATCGAGTAACTAAG-1-10x	0.18059972	0.59295267	0.001475
9mo_SIGAE3_CAATGACGTCTTGTCC-1-10x	0.01624513	0.00776135	3.33E-05
9mo_SIGAE3_CACAACAGTTTACGTG-1-10x	0.07043078	0.20069161	0.0011935
9mo_SIGAE3_CACACAAAGTAGGATT-1-10x	0.04933979	0.12559626	0.00013566
9mo_SIGAE3_CACACAACAAGGGTCA-1-10x	0.02664885	0.04480422	4.09E-05
9mo_SIGAE3_CACACAAGTACTGCCG-1-10x	0.23546913	0.7883175	0.00090278
9mo_SIGAE3_CACAGATCAAGGGTCA-1-10x	0.26640806	0.89847684	0.00075831
9mo_SIGAE3_CACAGGCCAGTTAGAA-1-10x	0.03483145	0.07393871	5.37E-05
9mo_SIGAE3_CACAGGCGTATTCTCT-1-10x	0.1676858	0.54697216	0.0016902
9mo_SIGAE3_CACATGAAGTAGGTTA-1-10x	0.10112321	0.3099733	0.0040036
9mo_SIGAE3_CACCAAACACGAGAAC-1-10x	0.03902393	0.08886622	6.67E-05
9mo_SIGAE3_CACCAAAGTTTGTGGT-1-10x	0.02492845	0.03867865	4.00E-05
9mo_SIGAE3_CACCGTTAGTGACAG-1-10x	0.08913359	0.26728374	0.0042295
9mo_SIGAE3_CACGTGGAGCCTGGAA-1-10x	0.16690658	0.5441977	0.0017056
9mo_SIGAE3_CACGTGGGTCATCCCT-1-10x	0.11804481	0.37022334	0.0023898
9mo_SIGAE3_CACTGAATCTGTCCCA-1-10x	0.28758052	0.9738623	0.00075864
9mo_SIGAE3_CACTGGGCATGTTACG-1-10x	0.02072585	0.02371514	3.62E-05
9mo_SIGAE3_CACTGGGGTATTCCGA-1-10x	0.03274069	0.06649449	5.00E-05
9mo_SIGAE3_CACTGTCAGGTGCCTC-1-10x	0.2792981	0.94437236	0.00075266
9mo_SIGAE3_CACTGTCTCCACAAGT-1-10x	0.05967737	0.16240366	0.00038577
9mo_SIGAE3_CACTTCGGTTGCTCCT-1-10x	0.08060388	0.23691335	0.0029431
9mo_SIGAE3_CAGATCATCGCTTACC-1-10x	0.03857128	0.08725452	6.36E-05
9mo_SIGAE3_CAGATCATCTCGTGGG-1-10x	0.05563786	0.14802082	0.000233
9mo_SIGAE3_CAGATTGAGTATGGCG-1-10x	0.28411433	0.96152073	0.00075531
9mo_SIGAE3_CAGATTGGTTGCAACT-1-10x	0.20619969	0.6841024	0.0011344
9mo_SIGAE3_CAGCACGCATAGAATG-1-10x	0.21988791	0.73283994	0.0010253
9mo_SIGAE3_CAGCAGCAGGGCCCTT-1-10x	0.02514737	0.03945813	4.00E-05
9mo_SIGAE3_CAGCAGCCAAGTGGTG-1-10x	0.02630559	0.04358202	4.09E-05
9mo_SIGAE3_CAGCGTGTCCAAACCA-1-10x	0.05654883	0.15126437	0.000257
9mo_SIGAE3_CAGGCCAAGACTTGTC-1-10x	0.06371386	0.17677572	0.00058553
9mo_SIGAE3_CAGGGCTACTAACGT-1-10x	0.1436494	0.46138954	0.0018716
9mo_SIGAE3_CAGGTATAGACTTCGT-1-10x	0.17201254	0.56237763	0.0016256
9mo_SIGAE3_CAGTGCGTCACGGGCT-1-10x	0.07961454	0.23339075	0.0027593

9mo_SIGAE3_CAGTTAGAGCAGCAGT-1-10x	0.2626807	0.88520545	0.00076511
9mo_SIGAE3_CAGTTCCAGGTTTCATC-1-10x	0.05145879	0.13314106	0.00016076
9mo_SIGAE3_CAGTTCCGTTCCACGG-1-10x	0.09853964	0.30077437	0.0042345
9mo_SIGAE3_CAGTTCCTCTCCGAAA-1-10x	0.01751466	0.01228156	3.44E-05
9mo_SIGAE3_CATACAGAGGGTCTTT-1-10x	0.23995693	0.8042965	0.00087632
9mo_SIGAE3_CATACAGAGTCCCGAC-1-10x	0.10604417	0.32749453	0.00352
9mo_SIGAE3_CATACAGTCAGACATC-1-10x	0.03164676	0.0625995	4.83E-05
9mo_SIGAE3_CATACCCCAGCTAACT-1-10x	0.01617792	0.00752206	3.33E-05
9mo_SIGAE3_CATACCCTCATTCGGA-1-10x	0.08009592	0.23510475	0.0027593
9mo_SIGAE3_CATACTTTCCACCTGT-1-10x	0.09317874	0.28168666	0.0044107
9mo_SIGAE3_CATCCACTCCACAAGT-1-10x	0.18685141	0.6152121	0.0013662
9mo_SIGAE3_CATCCCAGTCGAGATG-1-10x	0.01862821	0.0162464	3.49E-05
9mo_SIGAE3_CATCGGGGTTAATCGC-1-10x	0.0194168	0.01905421	3.55E-05
9mo_SIGAE3_CATCGTCAGCACCGTC-1-10x	0.02360464	0.0339652	3.83E-05
9mo_SIGAE3_CATCGTCCACCAACAT-1-10x	0.01864373	0.01630165	3.49E-05
9mo_SIGAE3_CATGAGTCACAAGCCC-1-10x	0.1516271	0.48979446	0.0018676
9mo_SIGAE3_CATGCAAGTCGTTATG-1-10x	0.2752794	0.9300636	0.00075218
9mo_SIGAE3_CATGCAATCTATCGTT-1-10x	0.09082506	0.27330628	0.0043535
9mo_SIGAE3_CATGCCTCAAGTGGTG-1-10x	0.27829713	0.94080836	0.00075239
9mo_SIGAE3_CATGCTCTCAGCTTGA-1-10x	0.05525016	0.14664038	0.000233
9mo_SIGAE3_CATGGTAGTATCATGC-1-10x	0.25776067	0.86768746	0.00078121
9mo_SIGAE3_CATGGTAGTTAGCGGA-1-10x	0.07851338	0.22947003	0.002576
9mo_SIGAE3_CATGGTAGTTCGCTT-1-10x	0.04389904	0.10622426	8.81E-05
9mo_SIGAE3_CATGGTATCAGTGTGT-1-10x	0.04398332	0.10652433	8.81E-05
9mo_SIGAE3_CATTCATCACGCGCTA-1-10x	0.10316964	0.3172597	0.0038193
9mo_SIGAE3_CATTCTACATCAGCAT-1-10x	0.06948161	0.19731206	0.0010821
9mo_SIGAE3_CATTCTAGTGGTTTTGT-1-10x	0.12683725	0.4015292	0.0020256
9mo_SIGAE3_CATTGAGTCATGCAGT-1-10x	0.09043069	0.2719021	0.0042999
9mo_SIGAE3_CATTGAGTCCCAATAG-1-10x	0.02432153	0.0365177	3.91E-05
9mo_SIGAE3_CATTGCCGTCAACACT-1-10x	0.14540742	0.46764907	0.0018716
9mo_SIGAE3_CCAAGCGAGCAAGTGC-1-10x	0.04159218	0.09801059	7.40E-05
9mo_SIGAE3_CCAAGCGGTGTTCCAA-1-10x	0.03352043	0.06927076	5.17E-05
9mo_SIGAE3_CCAAGCGTCATTTCCA-1-10x	0.15098798	0.48751888	0.0018676
9mo_SIGAE3_CCAAGCGTCGCCAGAC-1-10x	0.04910536	0.12476155	0.00012523
9mo_SIGAE3_CCAATTTCAAAGAGTT-1-10x	0.22020426	0.7339663	0.0010253
9mo_SIGAE3_CCACAAAGTAAGGCCA-1-10x	0.05591384	0.14900343	0.000257
9mo_SIGAE3_CCACAAAGTCAGCTTA-1-10x	0.03324031	0.0682734	5.00E-05
9mo_SIGAE3_CCACGTTAGCAGGCAT-1-10x	0.01651861	0.00873507	3.38E-05
9mo_SIGAE3_CCACGTTGTATACCCA-1-10x	0.08859781	0.26537606	0.0041422
9mo_SIGAE3_CCACGTTGTATTAAGG-1-10x	0.26385584	0.8893896	0.00076313
9mo_SIGAE3_CCACTTGAGGTAGCAC-1-10x	0.24829842	0.8339967	0.00082396

9mo_SIGAE3_CCACTTGGTCGCATGC-1-10x	0.01551799	0.00517233	3.33E-05
9mo_SIGAE3_CCATCACAGTTGCTGT-1-10x	0.02724898	0.04694102	4.19E-05
9mo_SIGAE3_CCATCACGTTTCTTAC-1-10x	0.25833708	0.8697398	0.000778
9mo_SIGAE3_CCCAAGTCCCTCAT-1-10x	0.08769459	0.2621601	0.0040384
9mo_SIGAE3_CCCAAGTGTATAGCC-1-10x	0.03621892	0.07887884	5.82E-05
9mo_SIGAE3_CCCTAACTCCCGAAAT-1-10x	0.03744154	0.08323206	6.07E-05
9mo_SIGAE3_CCCTCAAGTGTTTCATG-1-10x	0.05099628	0.13149427	0.00014746
9mo_SIGAE3_CCCTCAATCGAGAAAT-1-10x	0.08903107	0.26691872	0.0042295
9mo_SIGAE3_CCCTGATTTCGTCTCAC-1-10x	0.01957565	0.01961981	3.55E-05
9mo_SIGAE3_CCCTTAGAGACCAAAT-1-10x	0.2802904	0.9479055	0.00075303
9mo_SIGAE3_CCGAACGCACAGCCAC-1-10x	0.07941253	0.23267148	0.0027593
9mo_SIGAE3_CCGAACGCATGATCTG-1-10x	0.19471367	0.64320594	0.0012624
9mo_SIGAE3_CCGATGGGTGTGGACA-1-10x	0.0482679	0.12177976	0.00011598
9mo_SIGAE3_CCGATGGTCTGAATCG-1-10x	0.04851375	0.12265512	0.00012523
9mo_SIGAE3_CCGCAAGCATTAAAGG-1-10x	0.0284584	0.0512472	4.30E-05
9mo_SIGAE3_CCGCAAGGTTGTCCCT-1-10x	0.24392872	0.8184382	0.00084583
9mo_SIGAE3_CCGGACATCTTACGGA-1-10x	0.05064898	0.13025768	0.00014746
9mo_SIGAE3_CCGGGTAAGTAACGAT-1-10x	0.21917874	0.73031485	0.0010326
9mo_SIGAE3_CCGTGAGAGATCGCCC-1-10x	0.04479006	0.10939677	9.39E-05
9mo_SIGAE3_CCGTTCAAGAAATTGC-1-10x	0.09163932	0.27620548	0.0043903
9mo_SIGAE3_CCTACGTGTATTGACC-1-10x	0.03941947	0.09027454	6.67E-05
9mo_SIGAE3_CCTATCGTCCTACGAA-1-10x	0.04770415	0.11977249	0.00011598
9mo_SIGAE3_CCTATCGTCTACTTCA-1-10x	0.05812605	0.15688011	0.00031414
9mo_SIGAE3_CCTCAACGTGCGAACCC-1-10x	0.08978295	0.26959583	0.0042999
9mo_SIGAE3_CCTCACACAGTGAGCA-1-10x	0.04752186	0.11912346	0.00011598
9mo_SIGAE3_CCTCACAGTCCAAGAG-1-10x	0.05521427	0.1465126	0.000233
9mo_SIGAE3_CCTCACATCAACTGAC-1-10x	0.02017853	0.02176637	3.62E-05
9mo_SIGAE3_CCTCAGTTCGATTTCT-1-10x	0.01689948	0.01009118	3.38E-05
9mo_SIGAE3_CCTCCAAGTGTCGGT-1-10x	0.01777941	0.01322423	3.44E-05
9mo_SIGAE3_CCTCCAAGTTTGACAC-1-10x	0.08489221	0.25218213	0.0036353
9mo_SIGAE3_CCTCCTCCAGGAATAT-1-10x	0.05215574	0.13562256	0.00017575
9mo_SIGAE3_CCTCTAGAGTGGCGAT-1-10x	0.22146308	0.7384484	0.0010106
9mo_SIGAE3_CCTCTAGGTGTCCATA-1-10x	0.20033538	0.6632223	0.0011985
9mo_SIGAE3_CCTCTAGTCTCGACGG-1-10x	0.041448	0.0974972	7.40E-05
9mo_SIGAE3_CCTCTAGTCTGCTTAT-1-10x	0.01784478	0.01345698	3.44E-05
9mo_SIGAE3_CCTCTCCAGTTCCAGT-1-10x	0.03026286	0.05767205	4.55E-05
9mo_SIGAE3_CCTCTCCGTGAGTAGC-1-10x	0.03832898	0.08639181	6.36E-05
9mo_SIGAE3_CCTCTCCTCACAAGAA-1-10x	0.22142956	0.738329	0.0010106
9mo_SIGAE3_CCTTCAGCACAGCCAC-1-10x	0.01931326	0.01868554	3.55E-05
9mo_SIGAE3_CCTTCAGGTTTGCCGG-1-10x	0.25060412	0.84220624	0.00080923
9mo_SIGAE3_CCTTCAGTCTATACTC-1-10x	0.19723156	0.652171	0.0012292

9mo_SIGAE3_CCTTGTGTCTGTTCAT-1-10x	0.01729426	0.01149681	3.38E-05
9mo_SIGAE3_CGAGGCTCAAAGGATT-1-10x	0.03225985	0.06478242	4.83E-05
9mo_SIGAE3_CGAGTGCCAATTCTTC-1-10x	0.05225293	0.13596863	0.00017575
9mo_SIGAE3_CGAGTGCCAGCTTTGA-1-10x	0.16979836	0.55449396	0.0016584
9mo_SIGAE3_CGAGTGCGTGCCTGAC-1-10x	0.23828171	0.7983318	0.00088278
9mo_SIGAE3_CGAGTTATCGAAGGAC-1-10x	0.04167086	0.09829071	7.40E-05
9mo_SIGAE3_CGATGCGAGACTCCGC-1-10x	0.03349747	0.06918903	5.17E-05
9mo_SIGAE3_CGATGCGGTATTCCCTT-1-10x	0.07673023	0.22312106	0.0022191
9mo_SIGAE3_CGCATGGAGGGTTAAT-1-10x	0.01689624	0.01007964	3.38E-05
9mo_SIGAE3_CGCCATTTCATGCCGCA-1-10x	0.07824861	0.2285273	0.0023954
9mo_SIGAE3_CGGAACCTCAGACAAA-1-10x	0.0641794	0.17843331	0.00058553
9mo_SIGAE3_CGGAATTTCAACTGAC-1-10x	0.01803984	0.01415149	3.44E-05
9mo_SIGAE3_CGGACACAGTCTTCGA-1-10x	0.27517542	0.9296934	0.00075218
9mo_SIGAE3_CGGACACGTGACACAG-1-10x	0.05053825	0.12986343	0.00014746
9mo_SIGAE3_CGGAGAAGTGACCGTC-1-10x	0.09169179	0.27639228	0.0043903
9mo_SIGAE3_CGGCAGTAGGGAACAA-1-10x	0.0238186	0.03472701	3.83E-05
9mo_SIGAE3_CGGCAGTGACACGTT-1-10x	0.2644427	0.89147913	0.00076135
9mo_SIGAE3_CGGCAGTGACAGCA-1-10x	0.03489351	0.07415967	5.37E-05
9mo_SIGAE3_CGGCAGTGAGTTTC-1-10x	0.1145024	0.35761043	0.0026715
9mo_SIGAE3_CGGGTCACAGATACTC-1-10x	0.09404615	0.2847751	0.0044154
9mo_SIGAE3_CGGGTCATCTCCGAGG-1-10x	0.08819463	0.26394054	0.0041422
9mo_SIGAE3_CGGGTGTAGACTTGTC-1-10x	0.04557082	0.1121767	0.00010046
9mo_SIGAE3_CGGGTGTAGTCCCTAA-1-10x	0.01949437	0.0193304	3.55E-05
9mo_SIGAE3_CGGGTGTGTGTTACAC-1-10x	0.02537042	0.04025233	4.00E-05
9mo_SIGAE3_CGTCAAAGATGACCG-1-10x	0.15672772	0.50795543	0.0018385
9mo_SIGAE3_CGTCAAATCCTATTGT-1-10x	0.03487936	0.07410932	5.37E-05
9mo_SIGAE3_CGTCAAATCTACGCA-1-10x	0.10344268	0.31823182	0.0038193
9mo_SIGAE3_CGTGAATGTACGAGCA-1-10x	0.22604907	0.75477695	0.00097406
9mo_SIGAE3_CGTGATAAGGTTGCCC-1-10x	0.04149911	0.0976792	7.40E-05
9mo_SIGAE3_CGTGATACAAGTGACG-1-10x	0.20302622	0.67280316	0.0011699
9mo_SIGAE3_CGTGATAGTTAGAAGT-1-10x	0.04613788	0.11419574	0.00010046
9mo_SIGAE3_CGTGCTTAGCACACCC-1-10x	0.02626568	0.04343992	4.09E-05
9mo_SIGAE3_CGTTAGATCGCAAGAG-1-10x	0.05056679	0.12996505	0.00014746
9mo_SIGAE3_CGTTCTGCATCAACCA-1-10x	0.02046287	0.02277879	3.62E-05
9mo_SIGAE3_CGTTCTGTCAAACCTGC-1-10x	0.04271376	0.102004	7.82E-05
9mo_SIGAE3_CGTTGGGCAAGTTCGT-1-10x	0.0367215	0.08066832	5.82E-05
9mo_SIGAE3_CGTTGGGCATCAGTGT-1-10x	0.04335215	0.10427701	8.29E-05
9mo_SIGAE3_CGTTGGGCATCGAACT-1-10x	0.02216866	0.02885233	3.76E-05
9mo_SIGAE3_CTAACCCAGACTTGTC-1-10x	0.10666547	0.32970673	0.0034182
9mo_SIGAE3_CTAACCCACTTGAGT-1-10x	0.01645049	0.00849253	3.38E-05
9mo_SIGAE3_CTACCTGAGATCGCCC-1-10x	0.12775816	0.40480813	0.0020026

9mo_SIGAE3_CTACCTGAGTCCCAGC-1-10x	0.07660899	0.2226894	0.0022191
9mo_SIGAE3_CTACCTGCACTCATAG-1-10x	0.14812268	0.47731686	0.0018713
9mo_SIGAE3_CTACCTGTCCCGAAAT-1-10x	0.281945	0.95379674	0.00075401
9mo_SIGAE3_CTACTATAGCACCAGA-1-10x	0.02235635	0.02952059	3.76E-05
9mo_SIGAE3_CTACTATGTTCGGTTA-1-10x	0.2579052	0.868202	0.000778
9mo_SIGAE3_CTAGACAGTGTCTTCC-1-10x	0.04830257	0.12190319	0.00011598
9mo_SIGAE3_CTAGGTAAGCCTGTGC-1-10x	0.01931519	0.01869243	3.55E-05
9mo_SIGAE3_CTAGGTAAGTTGTAGA-1-10x	0.02114149	0.02519503	3.69E-05
9mo_SIGAE3_CTATCCGAGAGTGAAG-1-10x	0.27691472	0.9358862	0.00075222
9mo_SIGAE3_CTATCCGAGCCTCTGG-1-10x	0.24884546	0.8359445	0.00081888
9mo_SIGAE3_CTATCCGCAGACCGCT-1-10x	0.09634049	0.29294422	0.0043435
9mo_SIGAE3_CTATCTATCTCGAGTA-1-10x	0.04634808	0.11494414	0.00010046
9mo_SIGAE3_CTCAACCTCTACGCAA-1-10x	0.07695059	0.22390567	0.0022191
9mo_SIGAE3_CTCAAGACACAGTCCG-1-10x	0.22469173	0.74994415	0.00098869
9mo_SIGAE3_CTCATCGCAGGTTTCGC-1-10x	0.07724726	0.22496198	0.0022191
9mo_SIGAE3_CTCATGCAGGAATTAC-1-10x	0.04669542	0.11618087	0.00010777
9mo_SIGAE3_CTCATGCCATTTCATCT-1-10x	0.02199937	0.02824957	3.69E-05
9mo_SIGAE3_CTCATGCGTTCCTAAG-1-10x	0.07581373	0.21985784	0.0020486
9mo_SIGAE3_CTCATTAAGTCTCCTC-1-10x	0.06673852	0.18754515	0.00079936
9mo_SIGAE3_CTCATTACATTAGGCT-1-10x	0.04949401	0.12614538	0.00013566
9mo_SIGAE3_CTCCAACCTCGCCAGTG-1-10x	0.02091209	0.02437826	3.62E-05
9mo_SIGAE3_CTCCACAAGAAGTGTT-1-10x	0.04471812	0.10914063	9.39E-05
9mo_SIGAE3_CTCCCTCGTTAACAGA-1-10x	0.10026632	0.3069223	0.0040879
9mo_SIGAE3_CTCCGATGTACGGGAT-1-10x	0.02320472	0.03254125	3.83E-05
9mo_SIGAE3_CTCTCAGAGGAACGCT-1-10x	0.05741911	0.15436302	0.00028394
9mo_SIGAE3_CTCTCAGGTTAGAAGT-1-10x	0.20613797	0.68388265	0.001143
9mo_SIGAE3_CTCTCAGTCCCTCTTT-1-10x	0.04500133	0.110149	9.39E-05
9mo_SIGAE3_CTCTCGAGTCTATGAC-1-10x	0.097003	0.2953031	0.0043435
9mo_SIGAE3_CTGATCCTCTCAACCC-1-10x	0.04058426	0.09442184	7.01E-05
9mo_SIGAE3_CTGCATCAGCCGTCGT-1-10x	0.04455534	0.10856102	8.81E-05
9mo_SIGAE3_CTGCATCCAGCAGATG-1-10x	0.22759603	0.76028496	0.00096676
9mo_SIGAE3_CTGCCATAGGGCAAGG-1-10x	0.04278609	0.10226153	8.29E-05
9mo_SIGAE3_CTGCCATAGTATGAAC-1-10x	0.08151353	0.2401522	0.0031253
9mo_SIGAE3_CTGCCTATCACTGCTC-1-10x	0.20770547	0.6894638	0.001126
9mo_SIGAE3_CTGGACGAGCTCCCTT-1-10x	0.194015	0.64071834	0.0012624
9mo_SIGAE3_CTGGACGGTATCGTGT-1-10x	0.1193389	0.374831	0.0023317
9mo_SIGAE3_CTGGTCTCAAGTGGCA-1-10x	0.10358901	0.31875288	0.0038193
9mo_SIGAE3_CTGTACCAGTTGTCGT-1-10x	0.02731411	0.04717289	4.19E-05
9mo_SIGAE3_CTGTACCCAGAAGTTA-1-10x	0.12638886	0.39993268	0.0020256
9mo_SIGAE3_CTGTAGAGTGCCTCA-1-10x	0.03032041	0.05787695	4.55E-05
9mo_SIGAE3_CTGTGAACACGGTGCT-1-10x	0.25824088	0.8693972	0.000778

9mo_SIGAE3_CTGTGAAGTTCACGAT-1-10x	0.02904281	0.05332802	4.42E-05
9mo_SIGAE3_CTGTGAATCATCGCTC-1-10x	0.12648705	0.40028226	0.0020256
9mo_SIGAE3_CTGTGGGAGAAATGGG-1-10x	0.02812069	0.05004477	4.30E-05
9mo_SIGAE3_CTGTGGGGTACTAACC-1-10x	0.09241401	0.2789638	0.0043903
9mo_SIGAE3_CTTAGGAGTGGTCCCA-1-10x	0.0245554	0.03735039	3.91E-05
9mo_SIGAE3_CTTAGGATCCTGGGAC-1-10x	0.01674029	0.00952439	3.38E-05
9mo_SIGAE3_CTTCAATAGTGGAAAG-1-10x	0.02894538	0.05298112	4.42E-05
9mo_SIGAE3_CTTCCGAAGCACTCAT-1-10x	0.0183958	0.0154189	3.49E-05
9mo_SIGAE3_CTTCCGAAGTGGTTGG-1-10x	0.0859937	0.25610402	0.0039187
9mo_SIGAE3_CTTCCGACATGGGAAC-1-10x	0.18501587	0.60867655	0.0013959
9mo_SIGAE3_CTTCTTAGGTTGGAC-1-10x	0.26994926	0.9110854	0.00075499
9mo_SIGAE3_CTTCTTTCTCCTGTG-1-10x	0.04038505	0.09371253	7.01E-05
9mo_SIGAE3_CTTCTAACAAGGACAC-1-10x	0.24583544	0.82522714	0.00083459
9mo_SIGAE3_CTTCTCTAGGTTCACT-1-10x	0.03958175	0.09085237	6.67E-05
9mo_SIGAE3_CTTGAGAGTCATCGGC-1-10x	0.05215536	0.13562122	0.00017575
9mo_SIGAE3_CTTGATTAGAAAGCGA-1-10x	0.02111095	0.0250863	3.69E-05
9mo_SIGAE3_CTTTCAAGTCGTCGGT-1-10x	0.02853387	0.0515159	4.30E-05
9mo_SIGAE3_CTTTCAAGTTCTCCTG-1-10x	0.04139449	0.09730671	7.40E-05
9mo_SIGAE3_CTTTCGGCAATCTGCA-1-10x	0.04083071	0.09529934	7.01E-05
9mo_SIGAE3_GAAACCTCACTAACCA-1-10x	0.23823948	0.7981814	0.00088278
9mo_SIGAE3_GAACACTTCAAAGAAC-1-10x	0.07483281	0.21636523	0.001885
9mo_SIGAE3_GAAGCCCAGTATTGCC-1-10x	0.04616994	0.11430988	0.00010046
9mo_SIGAE3_GAAGCCCATCGAGCC-1-10x	0.02781293	0.04894899	4.30E-05
9mo_SIGAE3_GAAGCGACACGGCGTT-1-10x	0.08622473	0.2569266	0.0039187
9mo_SIGAE3_GAAGCGACATAATCGC-1-10x	0.02472304	0.03794729	3.91E-05
9mo_SIGAE3_GAAGGACGTGCGAGTA-1-10x	0.02137653	0.02603192	3.69E-05
9mo_SIGAE3_GAAGGACGTTAGAGAT-1-10x	0.2693911	0.909098	0.00075499
9mo_SIGAE3_GAAGGGTGTGTGACCC-1-10x	0.0914257	0.27544487	0.0043535
9mo_SIGAE3_GAAGGGTTCGAGTTGT-1-10x	0.21537298	0.71676433	0.0010625
9mo_SIGAE3_GAAGTAACAGACTCTA-1-10x	0.04108104	0.09619064	7.40E-05
9mo_SIGAE3_GAATAGAAGCACAAAT-1-10x	0.27249554	0.92015153	0.000753
9mo_SIGAE3_GAATCACGTCCAAAGG-1-10x	0.07472169	0.21596959	0.001885
9mo_SIGAE3_GAATCACGTCCCGTGA-1-10x	0.09401187	0.28465307	0.0044154
9mo_SIGAE3_GAATCACGTTGTCTAG-1-10x	0.08566193	0.25492272	0.0037839
9mo_SIGAE3_GAATCGTTCGGTAGGA-1-10x	0.18622173	0.6129701	0.0013809
9mo_SIGAE3_GACACGCAGTATTCCG-1-10x	0.03610478	0.07847246	5.58E-05
9mo_SIGAE3_GACACGCCAACTGTGT-1-10x	0.05277131	0.13781433	0.00017575
9mo_SIGAE3_GACCCTTTCTCATTTG-1-10x	0.01826946	0.01496907	3.44E-05
9mo_SIGAE3_GACCGTGGTGGAACCA-1-10x	0.01903693	0.01770167	3.49E-05
9mo_SIGAE3_GACCGTGTCCACAGG-1-10x	0.0222253	0.02905398	3.76E-05
9mo_SIGAE3_GACCTTCGTATGTCTG-1-10x	0.01840637	0.01545653	3.49E-05

9mo_SIGAE3_GACTCAATCACCATAG-1-10x	0.2273599	0.75944424	0.00096676
9mo_SIGAE3_GACTCTCCAGTAGAAT-1-10x	0.22054061	0.73516387	0.0010179
9mo_SIGAE3_GACTCTCTTTCCGG-1-10x	0.02013813	0.02162255	3.55E-05
9mo_SIGAE3_GAGAAATAGAGCATCG-1-10x	0.04654899	0.1156595	0.00010777
9mo_SIGAE3_GAGCCTGAGCAATTCC-1-10x	0.2586343	0.87079805	0.000778
9mo_SIGAE3_GAGCCTGTCGCAACAT-1-10x	0.04846642	0.12248658	0.00012523
9mo_SIGAE3_GAGCTGCCAACAGTGG-1-10x	0.08778535	0.26248327	0.0040384
9mo_SIGAE3_GAGCTGCTCGCAATTG-1-10x	0.09369929	0.2835401	0.0044154
9mo_SIGAE3_GAGCTGCTCTAGAGCT-1-10x	0.03808706	0.08553046	6.36E-05
9mo_SIGAE3_GAGGCAAAGTGACCTT-1-10x	0.27420518	0.9262388	0.00075233
9mo_SIGAE3_GAGGCAATCGGTTGTA-1-10x	0.07945809	0.23283371	0.0027593
9mo_SIGAE3_GAGGCCTAGTCGTTAC-1-10x	0.03848839	0.08695939	6.36E-05
9mo_SIGAE3_GAGGGATCACGTAGAG-1-10x	0.09583429	0.29114187	0.0043808
9mo_SIGAE3_GAGTCATTCGAACCAT-1-10x	0.20613365	0.6838673	0.001143
9mo_SIGAE3_GAGTGAGTCGGTAACT-1-10x	0.03110619	0.06067478	4.68E-05
9mo_SIGAE3_GAGTGTTGTCGTAATC-1-10x	0.09072385	0.2729459	0.0043535
9mo_SIGAE3_GAGTTACAGACGGTCA-1-10x	0.08305091	0.24562609	0.0033032
9mo_SIGAE3_GAGTTACCACCGTCTT-1-10x	0.17728853	0.58116305	0.0015248
9mo_SIGAE3_GAGTTACGTGACTGAG-1-10x	0.04985486	0.1274302	0.00013566
9mo_SIGAE3_GATAGCTTCACTGCTC-1-10x	0.10394621	0.32002467	0.0037215
9mo_SIGAE3_GATCAGTAGCCGGATA-1-10x	0.08664023	0.25840604	0.0039187
9mo_SIGAE3_GATCCCTCAGGTGACA-1-10x	0.01834277	0.01523006	3.49E-05
9mo_SIGAE3_GATGACTGTCACTCGG-1-10x	0.04325803	0.1039419	8.29E-05
9mo_SIGAE3_GATGACTTCATTTCCA-1-10x	0.03261684	0.06605351	5.00E-05
9mo_SIGAE3_GATGAGGCAGTCCCGA-1-10x	0.09804151	0.29900074	0.0042943
9mo_SIGAE3_GATGAGGCAGTCGAGA-1-10x	0.04151756	0.09774488	7.40E-05
9mo_SIGAE3_GATGGAGTCATGGAGG-1-10x	0.01500463	0.0033445	3.27E-05
9mo_SIGAE3_GATGTTGAGCGTGCCT-1-10x	0.25907806	0.87237805	0.00077499
9mo_SIGAE3_GATGTTGCATTCTCG-1-10x	0.02530832	0.04003121	4.00E-05
9mo_SIGAE3_GATTCTTCAACACAGG-1-10x	0.01697743	0.01036872	3.38E-05
9mo_SIGAE3_GATTTCTCACCGAATT-1-10x	0.09221115	0.27824152	0.0043903
9mo_SIGAE3_GCAACATAGGAGGCAG-1-10x	0.02084096	0.024125	3.62E-05
9mo_SIGAE3_GCAACATCAATACCTG-1-10x	0.03558037	0.07660529	5.58E-05
9mo_SIGAE3_GCAACCGAGAGCATAT-1-10x	0.04137331	0.09723126	7.40E-05
9mo_SIGAE3_GCACATAAGGCTCTCG-1-10x	0.04382169	0.10594883	8.81E-05
9mo_SIGAE3_GCACATATCGCAGTCG-1-10x	0.0449581	0.10999507	9.39E-05
9mo_SIGAE3_GCACGGTGTGGACTAG-1-10x	0.04741101	0.11872874	0.00010777
9mo_SIGAE3_GCACGTGCAACCGGAA-1-10x	0.09677032	0.29447463	0.0043435
9mo_SIGAE3_GCAGCTGAGTCAGCGA-1-10x	0.02283125	0.03121151	3.76E-05
9mo_SIGAE3_GCAGGCTTCCATGCAA-1-10x	0.12441773	0.39291438	0.0021124
9mo_SIGAE3_GCAGTTATCTCTGCCA-1-10x	0.02048004	0.02283992	3.62E-05

9mo_SIGAE3_GCATCTCCACAACGTT-1-10x	0.10269406	0.31556633	0.0039137
9mo_SIGAE3_GCATGATAGAGCATAT-1-10x	0.1533931	0.49608243	0.0018617
9mo_SIGAE3_GCATTAGCAGCTACCG-1-10x	0.08531202	0.25367686	0.0037839
9mo_SIGAE3_GCCAACGTCCATTTCGC-1-10x	0.05175668	0.13420172	0.00016076
9mo_SIGAE3_GCCAGCAGTGCAATGG-1-10x	0.01751106	0.01226873	3.44E-05
9mo_SIGAE3_GCCAGGTAGCGTTCAT-1-10x	0.03520275	0.07526075	5.58E-05
9mo_SIGAE3_GCCAGTGGTGAGATCG-1-10x	0.031249	0.06118326	4.68E-05
9mo_SIGAE3_GCCCAGATCGAAGGAC-1-10x	0.25185397	0.8466564	0.00080467
9mo_SIGAE3_GCCGATGGTTAAGGGC-1-10x	0.04862857	0.12306393	0.00012523
9mo_SIGAE3_GCCTGTTGTCATCCGG-1-10x	0.21647187	0.72067696	0.001055
9mo_SIGAE3_GCGATCGTCCAATCCC-1-10x	0.08938237	0.26816955	0.0042295
9mo_SIGAE3_GCGTGCATCCTAGCGG-1-10x	0.07473028	0.21600015	0.001885
9mo_SIGAE3_GCGTGCATCGTGCGAC-1-10x	0.04040448	0.0937817	7.01E-05
9mo_SIGAE3_GCTACAAAGCCTGTGC-1-10x	0.23176952	0.7751449	0.00093066
9mo_SIGAE3_GCTACAATCAGCTTGA-1-10x	0.24065343	0.8067764	0.00086997
9mo_SIGAE3_GCTACCTGTTGGTAGG-1-10x	0.24747601	0.8310685	0.0008292
9mo_SIGAE3_GCTCAAACAGTAACGG-1-10x	0.12466761	0.39380407	0.0020803
9mo_SIGAE3_GCTGAATAGGTAGTCG-1-10x	0.01563346	0.00558347	3.33E-05
9mo_SIGAE3_GCTGAATCATCGGAAG-1-10x	0.0185269	0.01588568	3.49E-05
9mo_SIGAE3_GCTGCAGAGAGGATGA-1-10x	0.02609766	0.04284168	4.09E-05
9mo_SIGAE3_GCTGCAGAGAGGGTCT-1-10x	0.03615322	0.07864493	5.82E-05
9mo_SIGAE3_GCTGCAGAGCATAGGC-1-10x	0.26175427	0.88190687	0.00076727
9mo_SIGAE3_GCTGGGTTCTCACCCA-1-10x	0.01937299	0.01889823	3.55E-05
9mo_SIGAE3_GCTTTCGCATGGGTCC-1-10x	0.05402295	0.14227086	0.00021164
9mo_SIGAE3_GCTTTCGGTTCTGAGT-1-10x	0.04758627	0.11935277	0.00011598
9mo_SIGAE3_GGAACCCAGGGTCTC-1-10x	0.03474144	0.07361824	5.37E-05
9mo_SIGAE3_GGAAGTGTCTAGACAC-1-10x	0.26251647	0.88462067	0.00076511
9mo_SIGAE3_GGAATCTTCAGTCCGG-1-10x	0.2808935	0.95005286	0.00075348
9mo_SIGAE3_GGAATGGCACCAAATC-1-10x	0.03563738	0.07680827	5.58E-05
9mo_SIGAE3_GGACGTGAGAGCAGTC-1-10x	0.0650785	0.18163459	0.00064991
9mo_SIGAE3_GGACGTCCATGCTGCG-1-10x	0.11434688	0.3570567	0.0026715
9mo_SIGAE3_GGACGTCTCGAGTACT-1-10x	0.09253762	0.27940392	0.0044107
9mo_SIGAE3_GGACGTCTCTTAAGGC-1-10x	0.09458011	0.28667632	0.0044051
9mo_SIGAE3_GGAGAACCAAAGGTTA-1-10x	0.01778415	0.01324108	3.44E-05
9mo_SIGAE3_GGAGAACGTATCGATC-1-10x	0.02687606	0.04561321	4.19E-05
9mo_SIGAE3_GGAGAACTCTGTGCAA-1-10x	0.26125878	0.8801426	0.00076963
9mo_SIGAE3_GGAGATGGTAGTATAG-1-10x	0.0207978	0.02397132	3.62E-05
9mo_SIGAE3_GGAGATGTCGAGTGC-1-10x	0.0746451	0.21569686	0.0017292
9mo_SIGAE3_GGAGATGTCGCCTATC-1-10x	0.07081286	0.20205203	0.0011935
9mo_SIGAE3_GGATCTACAAGCACAG-1-10x	0.03508684	0.07484803	5.37E-05
9mo_SIGAE3_GGATCTATCGACCTAA-1-10x	0.15923545	0.51688427	0.0018109

9mo_SIGAE3_GGCGTCAGTCACTGAT-1-10x	0.01942735	0.01909176	3.55E-05
9mo_SIGAE3_GGCGTCAGTGCCAAT-1-10x	0.07919467	0.2318958	0.002576
9mo_SIGAE3_GGCTGTGGTAAGATCA-1-10x	0.08910953	0.26719806	0.0042295
9mo_SIGAE3_GGCTGTGGTTCCGCGA-1-10x	0.0343381	0.07218211	5.37E-05
9mo_SIGAE3_GGCTTGGAGTCAAGCG-1-10x	0.02944066	0.05474457	4.42E-05
9mo_SIGAE3_GGCTTGGCACTAGGCC-1-10x	0.01756046	0.01244464	3.44E-05
9mo_SIGAE3_GGGACTCGTTTCAGAC-1-10x	0.11946874	0.3752933	0.0023317
9mo_SIGAE3_GGGAGTATCTCGTCGT-1-10x	0.04258651	0.10155094	7.82E-05
9mo_SIGAE3_GGGATCCTCATCTGTT-1-10x	0.06080158	0.16640647	0.00042799
9mo_SIGAE3_GGGCGTTGTATGAAAC-1-10x	0.21922195	0.73046875	0.0010326
9mo_SIGAE3_GGGCGTTTCATACAGC-1-10x	0.18964389	0.6251548	0.0013244
9mo_SIGAE3_GGGCTACCATAACTCG-1-10x	0.01881674	0.01691767	3.49E-05
9mo_SIGAE3_GGGCTCATCACCTTAT-1-10x	0.01620457	0.00761694	3.33E-05
9mo_SIGAE3_GGGCTCATCAGACTA-1-10x	0.11618113	0.36358762	0.0025211
9mo_SIGAE3_GGGTCACCAGCCGTCA-1-10x	0.11208616	0.34900734	0.002929
9mo_SIGAE3_GGGTGAACACGGTAGA-1-10x	0.02942051	0.05467283	4.42E-05
9mo_SIGAE3_GGGTGTCTCTATGCC-1-10x	0.1489974	0.48043132	0.0018705
9mo_SIGAE3_GGTAAGTACGTCGAA-1-10x	0.03571795	0.07709514	5.58E-05
9mo_SIGAE3_GGTAAGTCACTTTAGG-1-10x	0.03434625	0.07221113	5.37E-05
9mo_SIGAE3_GGTAATCCAAAGACGC-1-10x	0.0266105	0.04466766	4.09E-05
9mo_SIGAE3_GGTAATCGTCGACGCT-1-10x	0.02557313	0.04097408	4.00E-05
9mo_SIGAE3_GGTCACGAGACGATAT-1-10x	0.27417856	0.92614406	0.00075233
9mo_SIGAE3_GGTCACGCATGGCCCA-1-10x	0.23364162	0.7818106	0.00091657
9mo_SIGAE3_GGTCTGGTCGGTCGAC-1-10x	0.06617406	0.18553539	0.00072102
9mo_SIGAE3_GGTCTGGTCTGAGAAA-1-10x	0.02166302	0.02705198	3.69E-05
9mo_SIGAE3_GGTGAAGAGGGAGGCA-1-10x	0.0211708	0.0252994	3.69E-05
9mo_SIGAE3_GGTGAAGTCAAGGAGC-1-10x	0.05611867	0.14973274	0.000257
9mo_SIGAE3_GGTGGCTAGACATAGT-1-10x	0.04779215	0.12008581	0.00011598
9mo_SIGAE3_GGTGGCTTCAGCCTCT-1-10x	0.23408805	0.7834001	0.00091657
9mo_SIGAE3_GGTGTCCGGTCACAGTT-1-10x	0.04523853	0.11099353	9.39E-05
9mo_SIGAE3_GGTGTCCGGTGTTAACC-1-10x	0.08365396	0.2477733	0.0034742
9mo_SIGAE3_GGTGTTAGTTAGAAAC-1-10x	0.02845878	0.05124855	4.30E-05
9mo_SIGAE3_GGTTAACCAGGCACTC-1-10x	0.11329886	0.3533252	0.0027534
9mo_SIGAE3_GGTTCTCCACCACATA-1-10x	0.08011712	0.23518023	0.0027593
9mo_SIGAE3_GGTTGTAAGTTCATCG-1-10x	0.02927552	0.0541566	4.42E-05
9mo_SIGAE3_GGTTGTATCAGTGTCA-1-10x	0.19651647	0.64962494	0.00124
9mo_SIGAE3_GTAATGCAGCCATTTG-1-10x	0.26268598	0.8852242	0.00076511
9mo_SIGAE3_GTACAGTAGGCTGGAT-1-10x	0.28161812	0.9526329	0.00075401
9mo_SIGAE3_GTACAGTGTCACTGAT-1-10x	0.09609109	0.2920562	0.0043808
9mo_SIGAE3_GTAGAGGAGGGTTAGC-1-10x	0.02986379	0.05625114	4.55E-05
9mo_SIGAE3_GTAGATCCAGCGCTTG-1-10x	0.23362571	0.7817539	0.00091657

9mo_SIGAE3_GTAGGAGTCGTACCTC-1-10x	0.09008431	0.2706688	0.0042999
9mo_SIGAE3_GTAGGAGTCTGGTGCG-1-10x	0.03375535	0.07010721	5.17E-05
9mo_SIGAE3_GTAGGTTGTCTTCAAG-1-10x	0.05005764	0.1281522	0.00013566
9mo_SIGAE3_GTAGTACCAGCAGGAT-1-10x	0.03182738	0.06324258	4.83E-05
9mo_SIGAE3_GTATTGGTCATTGGTG-1-10x	0.02403885	0.03551121	3.91E-05
9mo_SIGAE3_GTATTTTCGTACCGTGC-1-10x	0.23847872	0.7990333	0.00088278
9mo_SIGAE3_GTATTTCTCCTAGAGT-1-10x	0.2479517	0.8327622	0.00082396
9mo_SIGAE3_GTCAAACAGGCTGTAG-1-10x	0.04323918	0.10387479	8.29E-05
9mo_SIGAE3_GTCAAGTTCGGTCCTA-1-10x	0.04914541	0.12490416	0.00012523
9mo_SIGAE3_GTCACGGAGACGTCCC-1-10x	0.05138156	0.13286607	0.00016076
9mo_SIGAE3_GTCACTCCATCGTGGC-1-10x	0.05251204	0.13689117	0.00017575
9mo_SIGAE3_GTCACTCGTACAGGTG-1-10x	0.25673532	0.8640367	0.00078463
9mo_SIGAE3_GTCACTCTCGTTGTTT-1-10x	0.04724126	0.11812436	0.00010777
9mo_SIGAE3_GTCAGCGCACGTTGGC-1-10x	0.03303521	0.06754312	5.00E-05
9mo_SIGAE3_GTCATTTAGGTACCTT-1-10x	0.01882448	0.01694522	3.49E-05
9mo_SIGAE3_GTCATTTGTGATCATC-1-10x	0.23982707	0.8038341	0.00087632
9mo_SIGAE3_GTCCCATGTTATCTTC-1-10x	0.01591085	0.00657113	3.33E-05
9mo_SIGAE3_GTCCTCATCAAACGTC-1-10x	0.02612737	0.04294748	4.09E-05
9mo_SIGAE3_GTCTAGAAGACCATT-1-10x	0.04495925	0.10999917	9.39E-05
9mo_SIGAE3_GTCTCACCAGCTCCTT-1-10x	0.01891104	0.01725342	3.49E-05
9mo_SIGAE3_GTCTCACGTCTCAGGC-1-10x	0.0881267	0.26369864	0.0041422
9mo_SIGAE3_GTCTGTCCACGCAGTC-1-10x	0.04612909	0.11416444	0.00010046
9mo_SIGAE3_GTCTGTCCACTGTTCC-1-10x	0.2642098	0.89064986	0.00076313
9mo_SIGAE3_GTCTTTACATCGGAGA-1-10x	0.04584308	0.11314607	0.00010046
9mo_SIGAE3_GTGACGCGTAACTTCG-1-10x	0.09140219	0.27536118	0.0043535
9mo_SIGAE3_GTGACGCTCAGCCTCT-1-10x	0.04151434	0.09773341	7.40E-05
9mo_SIGAE3_GTGAGCCGTCCGATCG-1-10x	0.04755596	0.11924487	0.00011598
9mo_SIGAE3_GTGAGCCTCAAGAATG-1-10x	0.28110653	0.9508114	0.00075348
9mo_SIGAE3_GTGATGTCAAGTCATC-1-10x	0.08330046	0.24651462	0.0034742
9mo_SIGAE3_GTGCTGGCATCATTGG-1-10x	0.08059505	0.23688193	0.0029431
9mo_SIGAE3_GTGCTTCGTACGACTT-1-10x	0.03250063	0.06563971	5.00E-05
9mo_SIGAE3_GTGGAAGAGCTCATAC-1-10x	0.04934755	0.12562391	0.00013566
9mo_SIGAE3_GTGCGTCATAACGGG-1-10x	0.22805971	0.76193595	0.00095947
9mo_SIGAE3_GTGCGTTCCTTATGT-1-10x	0.11075664	0.3442735	0.0030221
9mo_SIGAE3_GTGCGTTCCTTGCAAG-1-10x	0.29135454	0.9872998	0.00076269
9mo_SIGAE3_GTGGAACAGAACATA-1-10x	0.27931976	0.9444495	0.00075266
9mo_SIGAE3_GTGGAAGTTTCGCTC-1-10x	0.26092842	0.87896633	0.00076963
9mo_SIGAE3_GTGTTACACCATATG-1-10x	0.08052655	0.23663802	0.0029431
9mo_SIGAE3_GTGTTACAGCCATTA-1-10x	0.23111877	0.77282786	0.00093779
9mo_SIGAE3_GTGTCCTAGATAGTCA-1-10x	0.09002665	0.2704635	0.0042999
9mo_SIGAE3_GTGTCCTTCTCGTGAA-1-10x	0.09295607	0.28089386	0.0044107

9mo_SIGAE3_GTGTGATGTCCCGGTA-1-10x	0.02708317	0.04635064	4.19E-05
9mo_SIGAE3_GTGTTAGGTTACGTAC-1-10x	0.09304826	0.28122208	0.0044107
9mo_SIGAE3_GTGTTCCCATCGGAAG-1-10x	0.09279067	0.28030494	0.0044107
9mo_SIGAE3_GTTACAGAGGTGCTAG-1-10x	0.2502201	0.8408389	0.00081397
9mo_SIGAE3_GTTACAGGTGACATCT-1-10x	0.06788135	0.19161426	0.00088537
9mo_SIGAE3_GTTACCCCTCGTGCAGC-1-10x	0.1722186	0.56311136	0.0016256
9mo_SIGAE3_GTTAGTGAGTGAGCCA-1-10x	0.06922906	0.19641283	0.0010821
9mo_SIGAE3_GTTAGTGCAAGCTCTA-1-10x	0.2107316	0.70023847	0.0011014
9mo_SIGAE3_GTTAGTGCACCGTCGA-1-10x	0.17529932	0.57408035	0.0015585
9mo_SIGAE3_GTTAGTGGTCCAGCCA-1-10x	0.06262965	0.17291535	0.00052741
9mo_SIGAE3_GTTAGTGCCTTCTAA-1-10x	0.24670029	0.8283065	0.0008292
9mo_SIGAE3_GTTATGGCAGGATTCT-1-10x	0.09169126	0.2763904	0.0043903
9mo_SIGAE3_GTTCATTAGTCAGGGT-1-10x	0.01582681	0.00627191	3.33E-05
9mo_SIGAE3_GTTTCGCTAGACGCTCC-1-10x	0.02613313	0.04296796	4.09E-05
9mo_SIGAE3_GTTTCGCTTCATCGCAA-1-10x	0.2440737	0.8189544	0.00084583
9mo_SIGAE3_GTTCTATGTGTTTACG-1-10x	0.02917433	0.0537963	4.42E-05
9mo_SIGAE3_GTTCTATGTTTGCAGT-1-10x	0.03572557	0.07712226	5.58E-05
9mo_SIGAE3_GTTGAACAGGCGATAC-1-10x	0.04983877	0.12737292	0.00013566
9mo_SIGAE3_GTTGCGGCAAGACGGT-1-10x	0.02560672	0.04109368	4.00E-05
9mo_SIGAE3_GTTGCTCAGATTAGCA-1-10x	0.0338852	0.07056956	5.17E-05
9mo_SIGAE3_GTTGTAGTCCGCATAA-1-10x	0.24311653	0.8155464	0.00085167
9mo_SIGAE3_GTTGTCTCTGTCAAAC-1-10x	0.08986422	0.26988515	0.0042999
9mo_SIGAE3_TAACCAGGTGTACATC-1-10x	0.19532982	0.6453998	0.0012511
9mo_SIGAE3_TAACGACGTACAAGCG-1-10x	0.05008591	0.12825285	0.00013566
9mo_SIGAE3_TAAGCACCAATTGCAC-1-10x	0.20721635	0.6877223	0.001126
9mo_SIGAE3_TAAGCCATCGTTAGTG-1-10x	0.07339933	0.21126126	0.0015819
9mo_SIGAE3_TAAGCGTCAAGTGCC-1-10x	0.24172878	0.8106052	0.00086374
9mo_SIGAE3_TAAGCGTTCAGACCCG-1-10x	0.01770458	0.01295776	3.44E-05
9mo_SIGAE3_TAAGTCGGTTCATCGA-1-10x	0.03955567	0.09075949	6.67E-05
9mo_SIGAE3_TAATCTCGTCTTTATC-1-10x	0.03230128	0.06492994	4.83E-05
9mo_SIGAE3_TAATCTCTCCATCACC-1-10x	0.01797468	0.01391948	3.44E-05
9mo_SIGAE3_TAATTCCAGAAGCGAA-1-10x	0.02185801	0.02774624	3.69E-05
9mo_SIGAE3_TAATTCCGTCCAACGA-1-10x	0.0176938	0.0129194	3.44E-05
9mo_SIGAE3_TACACCCCTCAGGAGAC-1-10x	0.08703054	0.25979573	0.0040384
9mo_SIGAE3_TACAGGTCAAGGCTTT-1-10x	0.03009629	0.05707898	4.55E-05
9mo_SIGAE3_TACATTCCAACCTTGCA-1-10x	0.23337321	0.7808549	0.00092358
9mo_SIGAE3_TACCGAAAGCACCGAA-1-10x	0.03632994	0.07927415	5.82E-05
9mo_SIGAE3_TACCGGGAGACGAGCT-1-10x	0.1070479	0.3310684	0.0034182
9mo_SIGAE3_TACCGGGTCCACAGGC-1-10x	0.20313773	0.6732002	0.0011699
9mo_SIGAE3_TACCGGGTCCGTAATG-1-10x	0.03262858	0.06609529	5.00E-05
9mo_SIGAE3_TACCTGCAGCTCTTCC-1-10x	0.01651851	0.00873473	3.38E-05

9mo_SIGAE3_TACGCTCGTGCATTAC-1-10x	0.26994258	0.91106164	0.00075499
9mo_SIGAE3_TACTGCCCAAACCTCGT-1-10x	0.04286984	0.10255972	8.29E-05
9mo_SIGAE3_TACTTCATCCTTCTTC-1-10x	0.0413345	0.09709308	7.40E-05
9mo_SIGAE3_TAGACCATCACGAGGA-1-10x	0.259071	0.8723529	0.00077499
9mo_SIGAE3_TAGAGTCGTGGTAATA-1-10x	0.11917036	0.37423092	0.0023317
9mo_SIGAE3_TAGAGTCTCACCTGGG-1-10x	0.23210847	0.77635175	0.00093066
9mo_SIGAE3_TAGATCGCAAACCACT-1-10x	0.02711295	0.04645667	4.19E-05
9mo_SIGAE3_TAGCACACAGGACTAG-1-10x	0.21818893	0.7267906	0.00104
9mo_SIGAE3_TAGCACATCAAGAATG-1-10x	0.09024776	0.27125078	0.0042999
9mo_SIGAE3_TAGGAGGCATCCGAGC-1-10x	0.18916379	0.6234454	0.001338
9mo_SIGAE3_TAGGAGGGTTAGAGTA-1-10x	0.08576553	0.25529164	0.0037839
9mo_SIGAE3_TAGGTACAGCATTTGC-1-10x	0.04731296	0.11837964	0.00010777
9mo_SIGAE3_TAGGTTGGTAGAGGAA-1-10x	0.1252718	0.39595532	0.0020803
9mo_SIGAE3_TAGGTTGTCTAGACAC-1-10x	0.0220073	0.02827779	3.69E-05
9mo_SIGAE3_TATACCTGTGAATGAT-1-10x	0.0348815	0.07411692	5.37E-05
9mo_SIGAE3_TATCAGGCACAACGCC-1-10x	0.03528043	0.07553733	5.58E-05
9mo_SIGAE3_TATCCTAAGCATAGGC-1-10x	0.03944543	0.09036698	6.67E-05
9mo_SIGAE3_TATCGCCCAGGCCCTA-1-10x	0.24946919	0.8381653	0.00081397
9mo_SIGAE3_TATCGCCCAGGGCTTC-1-10x	0.02554257	0.04086527	4.00E-05
9mo_SIGAE3_TATCTGTCACTTGACA-1-10x	0.0896307	0.26905373	0.0042295
9mo_SIGAE3_TATCTTGGTTGCGTAT-1-10x	0.03407478	0.07124455	5.17E-05
9mo_SIGAE3_TATGTTTCGTTTCACAG-1-10x	0.05970651	0.1625074	0.00038577
9mo_SIGAE3_TATGTTCTCTATCGCC-1-10x	0.02815817	0.05017821	4.30E-05
9mo_SIGAE3_TATTGCTAGACGCAGT-1-10x	0.03218818	0.06452724	4.83E-05
9mo_SIGAE3_TATTGCTCACCAGACC-1-10x	0.04548043	0.11185485	9.39E-05
9mo_SIGAE3_TATTGGGAGTCGGCCT-1-10x	0.04207439	0.0997275	7.82E-05
9mo_SIGAE3_TCAAGACCACAACATC-1-10x	0.01916369	0.01815301	3.49E-05
9mo_SIGAE3_TCAAGACGTAGAATGT-1-10x	0.202853	0.6721864	0.0011699
9mo_SIGAE3_TCAAGCAGTGCAACGA-1-10x	0.21799316	0.72609353	0.00104
9mo_SIGAE3_TCAATTCGTGCATTTG-1-10x	0.2237942	0.74674845	0.00099599
9mo_SIGAE3_TCACAAGGTAAGGAGA-1-10x	0.08411726	0.2494229	0.0036353
9mo_SIGAE3_TCACACCAGTAACGAT-1-10x	0.07767737	0.22649339	0.0023954
9mo_SIGAE3_TCACATTAGACTGGGT-1-10x	0.03563578	0.07680258	5.58E-05
9mo_SIGAE3_TCACATTCAAGGTCAG-1-10x	0.0179947	0.01399077	3.44E-05
9mo_SIGAE3_TCACATTAGCCACA-1-10x	0.0224173	0.02973761	3.76E-05
9mo_SIGAE3_TCACGCTTCGAGAACG-1-10x	0.0160956	0.00722892	3.33E-05
9mo_SIGAE3_TCACTATCAGGCTTGC-1-10x	0.06917661	0.1962261	0.0010821
9mo_SIGAE3_TCACTATGTCTCACGG-1-10x	0.03341053	0.06887949	5.17E-05
9mo_SIGAE3_TCACTCGAGTCCGTCG-1-10x	0.01924318	0.01843603	3.55E-05
9mo_SIGAE3_TCACTCGGTGTTACTG-1-10x	0.08936068	0.26809227	0.0042295
9mo_SIGAE3_TCAGCAACACGGGTAA-1-10x	0.07966043	0.23355415	0.0027593

9mo_SIGAE3_TCAGGGCGTTTACCAG-1-10x	0.09772876	0.2978872	0.0042943
9mo_SIGAE3_TCAGGTACATCGATCA-1-10x	0.01889801	0.01720704	3.49E-05
9mo_SIGAE3_TCAGTCCCCTCCTGT-1-10x	0.03997764	0.09226195	7.01E-05
9mo_SIGAE3_TCAGTGAGTCCCTCAT-1-10x	0.07224213	0.20714098	0.0014433
9mo_SIGAE3_TCAGTTTGTCCGACGT-1-10x	0.01501742	0.00339002	3.27E-05
9mo_SIGAE3_TCATATCAGCGCCCAT-1-10x	0.2332656	0.7804717	0.00092358
9mo_SIGAE3_TCATATCCACCAATA-1-10x	0.02288158	0.03139072	3.76E-05
9mo_SIGAE3_TCATCCGCACGGTGAA-1-10x	0.04172372	0.09847891	7.40E-05
9mo_SIGAE3_TCATGCCTCTGACAGT-1-10x	0.02931942	0.05431289	4.42E-05
9mo_SIGAE3_TCATGGAGTGGCAACA-1-10x	0.02694789	0.04586896	4.19E-05
9mo_SIGAE3_TCATTACGTGTGCTTA-1-10x	0.02517266	0.03954819	4.00E-05
9mo_SIGAE3_TCATTACGTTTGTCT-1-10x	0.04621899	0.11448451	0.00010046
9mo_SIGAE3_TCATTACTCGACGATT-1-10x	0.01688909	0.0100542	3.38E-05
9mo_SIGAE3_TCATTACATCGCCTT-1-10x	0.08614402	0.25663924	0.0039187
9mo_SIGAE3_TCCACCAAGGGTTGCA-1-10x	0.22791797	0.7614313	0.00095947
9mo_SIGAE3_TCCAGAACACGCGGTT-1-10x	0.02517211	0.03954624	4.00E-05
9mo_SIGAE3_TCCAGAATCTTCTAAC-1-10x	0.1300649	0.4130214	0.0019639
9mo_SIGAE3_TCCATGCGTAGACGTG-1-10x	0.05792686	0.15617089	0.00031414
9mo_SIGAE3_TCCATGCGTGACGCT-1-10x	0.08829731	0.26430613	0.0041422
9mo_SIGAE3_TCCCACACACTTTATC-1-10x	0.11274084	0.35133833	0.0028393
9mo_SIGAE3_TCCCACAGTAACAAGT-1-10x	0.04079352	0.0951669	7.01E-05
9mo_SIGAE3_TCCCAGTAGTTGGCTT-1-10x	0.19937402	0.65979934	0.0012085
9mo_SIGAE3_TCCCATGAGCCTCTCT-1-10x	0.05508838	0.14606436	0.000233
9mo_SIGAE3_TCCGAAAAGGTTTACC-1-10x	0.03729709	0.08271771	6.07E-05
9mo_SIGAE3_TCCGAAATCCAAGGGA-1-10x	0.01921203	0.01832512	3.49E-05
9mo_SIGAE3_TCCGGGAGTCATGGCC-1-10x	0.20460787	0.6784347	0.0011518
9mo_SIGAE3_TCCGGGAGTGTTTCGAT-1-10x	0.06278373	0.17346399	0.00052741
9mo_SIGAE3_TCCGTGTTCCACAGGC-1-10x	0.21906987	0.72992724	0.0010326
9mo_SIGAE3_TCCTCCCAGGTAAGT-1-10x	0.0177596	0.01315369	3.44E-05
9mo_SIGAE3_TCCTCCCGTCTGCAAT-1-10x	0.09770773	0.2978123	0.0042943
9mo_SIGAE3_TCCTCGAAGGCCGCTT-1-10x	0.05120194	0.13222651	0.00016076
9mo_SIGAE3_TCCTCGATCGCCATAA-1-10x	0.08639884	0.25754654	0.0039187
9mo_SIGAE3_TCCTCTTAGGACAGCT-1-10x	0.06904152	0.1957451	0.0010821
9mo_SIGAE3_TCCTCTTTCAGTCACA-1-10x	0.27213648	0.91887313	0.000753
9mo_SIGAE3_TCCTCTTCTAAGCCA-1-10x	0.07435557	0.21466601	0.0017292
9mo_SIGAE3_TCCTTCTTCTATGCCC-1-10x	0.01987527	0.0206866	3.55E-05
9mo_SIGAE3_TCCTTTCAGGTCCTGC-1-10x	0.08180681	0.24119642	0.0031253
9mo_SIGAE3_TCGAACATCATTTCCA-1-10x	0.02423278	0.0362017	3.91E-05
9mo_SIGAE3_TCGAACATCATTTGTC-1-10x	0.04648193	0.11542073	0.00010777
9mo_SIGAE3_TCGAAGTTCAAGATAG-1-10x	0.04901414	0.12443676	0.00012523
9mo_SIGAE3_TCGACCTCAAATAAG-1-10x	0.09941138	0.30387825	0.0041652

9mo_SIGAE3_TCGACCTGTAGCGCTC-1-10x	0.06677438	0.18767287	0.00079936
9mo_SIGAE3_TCGACCTTCCTTACCG-1-10x	0.04280468	0.10232772	8.29E-05
9mo_SIGAE3_TCGACGGTCTTCCACG-1-10x	0.2596277	0.8743351	0.00077499
9mo_SIGAE3_TCGCTCACATAAGCGG-1-10x	0.04420863	0.10732655	8.81E-05
9mo_SIGAE3_TCGCTCATCAATCAGC-1-10x	0.07584964	0.21998568	0.0020486
9mo_SIGAE3_TCGCTTGGTGGGTATG-1-10x	0.02141946	0.02618477	3.69E-05
9mo_SIGAE3_TCGCTTGTCAGCTGTA-1-10x	0.05868907	0.15888475	0.00034795
9mo_SIGAE3_TCGGATAAGAGGGTAA-1-10x	0.14709187	0.47364658	0.0018716
9mo_SIGAE3_TCGGATAAGCCACTCG-1-10x	0.17767698	0.5825461	0.0015248
9mo_SIGAE3_TCGGGACAGACCATGG-1-10x	0.0843874	0.25038472	0.0036353
9mo_SIGAE3_TCGGGCACACGTACTA-1-10x	0.02108057	0.02497813	3.62E-05
9mo_SIGAE3_TCGGTCTGTCTAGATC-1-10x	0.24738309	0.83073765	0.0008292
9mo_SIGAE3_TCGTAGAGTCCCGTGA-1-10x	0.04604507	0.11386527	0.00010046
9mo_SIGAE3_TCGTAGATCACTGGGC-1-10x	0.22067532	0.7356435	0.0010179
9mo_SIGAE3_TCGTGCTAGTTGTAGA-1-10x	0.01636135	0.00817514	3.33E-05
9mo_SIGAE3_TCGTGGGAGTTTCGGT-1-10x	0.0534777	0.14032947	0.00019264
9mo_SIGAE3_TCTACCGGTATGAAGT-1-10x	0.19594474	0.64758927	0.00124
9mo_SIGAE3_TCTACCGTCTTCTAAC-1-10x	0.04542577	0.11166024	9.39E-05
9mo_SIGAE3_TCTATACAGTCGTTAC-1-10x	0.16383713	0.5332688	0.001763
9mo_SIGAE3_TCTATACGTCATGGCC-1-10x	0.11483031	0.35877797	0.0026715
9mo_SIGAE3_TCTATCAAGGCCTGAA-1-10x	0.07650087	0.22230442	0.0020486
9mo_SIGAE3_TCTCACGCATTAGGCT-1-10x	0.06654791	0.18686649	0.00079936
9mo_SIGAE3_TCTGCCAGTTTGTCT-1-10x	0.19293997	0.63689065	0.0012861
9mo_SIGAE3_TCTGGCTCACGCGTT-1-10x	0.14342038	0.46057412	0.0018716
9mo_SIGAE3_TCTTAGTCATGTGCCG-1-10x	0.22306873	0.74416536	0.00099599
9mo_SIGAE3_TGAATCGGTGGGTTGA-1-10x	0.05459968	0.14432433	0.00021164
9mo_SIGAE3_TGAATCGTCAAAGACA-1-10x	0.02437828	0.03671975	3.91E-05
9mo_SIGAE3_TGACGCGCAGTAGGAC-1-10x	0.11992861	0.3769307	0.0022788
9mo_SIGAE3_TGACTCCAGAAGGGAT-1-10x	0.09691086	0.294975	0.0043435
9mo_SIGAE3_TGACTCCCAATCGAAA-1-10x	0.17930132	0.5883297	0.0014915
9mo_SIGAE3_TGAGACTTCAGTCATG-1-10x	0.02790543	0.04927834	4.30E-05
9mo_SIGAE3_TGAGGAGTCCACGGAC-1-10x	0.03190144	0.0635063	4.83E-05
9mo_SIGAE3_TGAGGAGTCCTTTAGT-1-10x	0.08423661	0.24984783	0.0036353
9mo_SIGAE3_TGAGGAGTCGTTCTCG-1-10x	0.04496427	0.11001702	9.39E-05
9mo_SIGAE3_TGAGGAGTCTCTATAC-1-10x	0.04760322	0.11941313	0.00011598
9mo_SIGAE3_TGAGGGAAGGTACCTT-1-10x	0.1515655	0.48957518	0.0018676
9mo_SIGAE3_TGAGGGACACGACGTC-1-10x	0.10058976	0.3080739	0.0040879
9mo_SIGAE3_TGAGTCACACCAATTG-1-10x	0.24268484	0.8140093	0.00085764
9mo_SIGAE3_TGATCAGGTGCCCTTT-1-10x	0.05356393	0.1406365	0.00019264
9mo_SIGAE3_TGATCTTACCAGCGT-1-10x	0.04375617	0.10571554	8.81E-05
9mo_SIGAE3_TGATCTTGTTTAGACC-1-10x	0.02738878	0.04743877	4.19E-05

9mo_SIGAE3_TGATTCTAGCGTCAGA-1-10x	0.05452284	0.14405073	0.00021164
9mo_SIGAE3_TGATTCTGTCTTCTAT-1-10x	0.08255675	0.24386664	0.0033032
9mo_SIGAE3_TGCACGGTCAGTCATG-1-10x	0.13713615	0.43819883	0.0018842
9mo_SIGAE3_TGCACGGTCCGTGTAA-1-10x	0.0406508	0.09465875	7.01E-05
9mo_SIGAE3_TGCAGATTCACAGAGG-1-10x	0.05142342	0.13301513	0.00016076
9mo_SIGAE3_TGCAGGCGTAGTCGGA-1-10x	0.08766573	0.26205736	0.0040384
9mo_SIGAE3_TGCAGGCGTTTAGAGA-1-10x	0.05438342	0.14355431	0.00021164
9mo_SIGAE3_TGCAGGCTCTCTCTAA-1-10x	0.05635453	0.15057252	0.000257
9mo_SIGAE3_TGCAGTATCTGTCCCA-1-10x	0.08604214	0.25627652	0.0039187
9mo_SIGAE3_TGCATGAAGGGAACAA-1-10x	0.02888848	0.05277853	4.42E-05
9mo_SIGAE3_TGCATGAGTATCAGGG-1-10x	0.04200621	0.09948473	7.82E-05
9mo_SIGAE3_TGCCGAGTCCCGTGAG-1-10x	0.0839771	0.24892385	0.0034742
9mo_SIGAE3_TGCGACGGTAACAAGT-1-10x	0.11626974	0.3639031	0.0025211
9mo_SIGAE3_TGCGATACATCCGAGC-1-10x	0.02429113	0.03640945	3.91E-05
9mo_SIGAE3_TGCGGGTAGGGATCGT-1-10x	0.2565948	0.86353636	0.00078463
9mo_SIGAE3_TGCGGGTCACGTACTA-1-10x	0.03174161	0.0629372	4.83E-05
9mo_SIGAE3_TGCGGGTGTCGTATTG-1-10x	0.03723902	0.08251096	6.07E-05
9mo_SIGAE3_TGCTCCAGTAACCAGG-1-10x	0.28642175	0.9697364	0.00075773
9mo_SIGAE3_TGCTCGTCAAAGTGTA-1-10x	0.0899512	0.27019486	0.0042999
9mo_SIGAE3_TGGAAGTAAAGTCC-1-10x	0.01832014	0.0151495	3.49E-05
9mo_SIGAE3_TGGATGTAGATTTGCC-1-10x	0.02283179	0.03121344	3.76E-05
9mo_SIGAE3_TGGATGTTACATACAGC-1-10x	0.01637576	0.00822646	3.33E-05
9mo_SIGAE3_TGGCGTGAGATCCGAG-1-10x	0.05078938	0.1307576	0.00014746
9mo_SIGAE3_TGGGAAGTCACTGAAC-1-10x	0.02197987	0.02818013	3.69E-05
9mo_SIGAE3_TGGGATTCACGGTGCT-1-10x	0.05747533	0.15456319	0.00028394
9mo_SIGAE3_TGGGCGTAGGCAGTCA-1-10x	0.060713	0.16609105	0.00042799
9mo_SIGAE3_TGGGCTGCAGCTACCG-1-10x	0.09986381	0.30548915	0.0041652
9mo_SIGAE3_TGGGTTAAGGTAAAGG-1-10x	0.03621525	0.07886577	5.82E-05
9mo_SIGAE3_TGGGTTATCAAAGACA-1-10x	0.04065403	0.09467025	7.01E-05
9mo_SIGAE3_TGGGTTATCCTATGGA-1-10x	0.12625496	0.39945593	0.0020515
9mo_SIGAE3_TGGTACAAGGAACGCT-1-10x	0.02472024	0.03793733	3.91E-05
9mo_SIGAE3_TGGTACACATCCTCAC-1-10x	0.09403614	0.28473946	0.0044154
9mo_SIGAE3_TGGTACAGTACTCCCT-1-10x	0.04361531	0.10521402	8.29E-05
9mo_SIGAE3_TGGTAGTCACAACGAG-1-10x	0.05119238	0.13219249	0.00016076
9mo_SIGAE3_TGGTAGTCACCTCAGG-1-10x	0.26131094	0.8803283	0.00076963
9mo_SIGAE3_TGGTGATAGGAGGTTTC-1-10x	0.06135057	0.16836114	0.00042799
9mo_SIGAE3_TGGTTAGAGACTAAGT-1-10x	0.01584849	0.00634909	3.33E-05
9mo_SIGAE3_TGTAAGCCAATAGAGT-1-10x	0.04342792	0.10454681	8.29E-05
9mo_SIGAE3_TGTAAGCGTCATCCCT-1-10x	0.19119553	0.6306795	0.0012985
9mo_SIGAE3_TGTACAGCAGGGATAC-1-10x	0.04523795	0.11099149	9.39E-05
9mo_SIGAE3_TGTACAGGTAAGTAGT-1-10x	0.0868196	0.25904468	0.0039187

9mo_SIGAE3_TGTCCCAAGGACTAAT-1-10x	0.08240128	0.24331307	0.0033032
9mo_SIGAE3_TGTCCCACATGTCGTA-1-10x	0.02917436	0.05379641	4.42E-05
9mo_SIGAE3_TGTCCAGTCTCTCCA-1-10x	0.08575738	0.2552626	0.0037839
9mo_SIGAE3_TGTCCTGAGCCTCCAG-1-10x	0.09275126	0.2801646	0.0044107
9mo_SIGAE3_TGTCCTGGTTCTCAGA-1-10x	0.03030086	0.05780734	4.55E-05
9mo_SIGAE3_TGTCCTGGTTGCTTGA-1-10x	0.0940382	0.2847468	0.0044154
9mo_SIGAE3_TGTCCTGGTTGTGTTG-1-10x	0.03620482	0.07882866	5.82E-05
9mo_SIGAE3_TGTCCTGTCTAACACG-1-10x	0.20984909	0.6970963	0.0011095
9mo_SIGAE3_TGTGAGTGTGCATCTA-1-10x	0.09343467	0.2825979	0.0044107
9mo_SIGAE3_TGTGATGCAAGGGTCA-1-10x	0.04534108	0.11135868	9.39E-05
9mo_SIGAE3_TGTGCGGAGCTGCGAA-1-10x	0.01661058	0.00906254	3.38E-05
9mo_SIGAE3_TGTGCGGTCCCTCAAC-1-10x	0.06876636	0.19476536	0.00097948
9mo_SIGAE3_TGTGGCGAGTATGAGT-1-10x	0.17146136	0.56041515	0.0016256
9mo_SIGAE3_TGTGGCGAGTGCACAG-1-10x	0.03530172	0.07561314	5.58E-05
9mo_SIGAE3_TGTGGCGTCGAGAGAC-1-10x	0.08572231	0.2551377	0.0037839
9mo_SIGAE3_TGTGTGAGTACAGCGA-1-10x	0.02951903	0.05502363	4.42E-05
9mo_SIGAE3_TGTTACTGTTTCCATT-1-10x	0.04489653	0.10977586	9.39E-05
9mo_SIGAE3_TGTTTCATCACCCAACG-1-10x	0.20433764	0.67747253	0.0011518
9mo_SIGAE3_TGTTCCGAGCATTTGC-1-10x	0.01646962	0.00856065	3.38E-05
9mo_SIGAE3_TGTTGAGAGTCGTTAC-1-10x	0.05106781	0.13174896	0.00014746
9mo_SIGAE3_TGTTGAGTCTTCGATT-1-10x	0.04659632	0.11582802	0.00010777
9mo_SIGAE3_TGTTGGAAGACTCTAC-1-10x	0.04949757	0.12615804	0.00013566
9mo_SIGAE3_TGTTGGACATCGCTGG-1-10x	0.08166253	0.2406827	0.0031253
9mo_SIGAE3_TGTTGGATCCTCTCTT-1-10x	0.26356634	0.8883588	0.00076313
9mo_SIGAE3_TGTTTGTAGTATGAGT-1-10x	0.24173576	0.8106301	0.00086374
9mo_SIGAE3_TGTTTGTCAAAGCTCT-1-10x	0.05053825	0.12986343	0.00014746
9mo_SIGAE3_TGTTTGTCAAGTACCT-1-10x	0.02457453	0.03741851	3.91E-05
9mo_SIGAE3_TGTTTGTGTGAAGCA-1-10x	0.27824566	0.9406251	0.00075239
9mo_SIGAE3_TTACAGGTCAACCGAT-1-10x	0.27461955	0.92771417	0.00075233
9mo_SIGAE3_TTACCATCAGGCCTGT-1-10x	0.01790739	0.01367991	3.44E-05
9mo_SIGAE3_TTACGCCAGTAGGAAG-1-10x	0.11499111	0.35935053	0.0026715
9mo_SIGAE3_TTAGGCATCTCTGCCA-1-10x	0.28378287	0.96034056	0.00075531
9mo_SIGAE3_TTAGGCATCTTACTGT-1-10x	0.19254078	0.6354693	0.0012861
9mo_SIGAE3_TTAGGGTGTACACAC-1-10x	0.05783296	0.15583655	0.00031414
9mo_SIGAE3_TTCACGCCATGACGAG-1-10x	0.12972972	0.41182795	0.0019639
9mo_SIGAE3_TTCACGCTCACTAGT-1-10x	0.22622068	0.755388	0.00097406
9mo_SIGAE3_TTCACGCTCCATTGTT-1-10x	0.19294074	0.6368934	0.0012861
9mo_SIGAE3_TTCATTGAGTGATAGT-1-10x	0.04979715	0.1272247	0.00013566
9mo_SIGAE3_TTCATTGCAAATAAGC-1-10x	0.07904108	0.23134893	0.002576
9mo_SIGAE3_TTCATTGCACAGTGAG-1-10x	0.2014668	0.66725075	0.0011792
9mo_SIGAE3_TTCATTGTCTGAATGC-1-10x	0.01688012	0.01002224	3.38E-05

9mo_SIGAE3_TTCCAATGTCTTGCTC-1-10x	0.20370373	0.6752155	0.0011608
9mo_SIGAE3_TTCCAATGTGAGATTA-1-10x	0.03724363	0.08252738	6.07E-05
9mo_SIGAE3_TTCCACGAGAATGTTG-1-10x	0.03952371	0.09064569	6.67E-05
9mo_SIGAE3_TTCCACGTCTGAGGCC-1-10x	0.05479417	0.14501683	0.00021164
9mo_SIGAE3_TTCCGGTTCGCGTCGA-1-10x	0.09336002	0.28233212	0.0044107
9mo_SIGAE3_TTCCTCTAGCCTCAAT-1-10x	0.04030011	0.09341011	7.01E-05
9mo_SIGAE3_TTCGCTGCAGGCGAAT-1-10x	0.08876141	0.26595858	0.0042295
9mo_SIGAE3_TTCGCTGGTAGGAGGG-1-10x	0.1305204	0.4146432	0.001948
9mo_SIGAE3_TTCGGTCCAAGACTGG-1-10x	0.21450496	0.71367365	0.0010701
9mo_SIGAE3_TTCTAACAGTGCACCC-1-10x	0.04215544	0.10001607	7.82E-05
9mo_SIGAE3_TTCTCTCCAGTTTCGC-1-10x	0.2687296	0.90674275	0.00075594
9mo_SIGAE3_TTCTGTACATTCATCT-1-10x	0.2320697	0.7762137	0.00093066
9mo_SIGAE3_TTCTTCCGTTTTCCAAG-1-10x	0.04086834	0.09543332	7.40E-05
9mo_SIGAE3_TTCTTGAGTCAGCGTC-1-10x	0.18889995	0.62250596	0.001338
9mo_SIGAE3_TTGAACGGTCCGACGT-1-10x	0.04686537	0.116786	0.00010777
9mo_SIGAE3_TTGACCCAGGATGGCT-1-10x	0.21283892	0.7077417	0.0010778
9mo_SIGAE3_TTGACCTCTCCTGTG-1-10x	0.25421986	0.85508025	0.00079207
9mo_SIGAE3_TTGAGTGAGCGAAACC-1-10x	0.02357089	0.03384503	3.83E-05
9mo_SIGAE3_TTGAGTGGTTCTCGCT-1-10x	0.07709057	0.22440407	0.0022191
9mo_SIGAE3_TTGCAATTCCTGTTAT-1-10x	0.02359779	0.03394078	3.83E-05
9mo_SIGAE3_TTGCAATTCCTGGAAC-1-10x	0.05508892	0.14606626	0.000233
9mo_SIGAE3_TTGCGTCCAGATAAAC-1-10x	0.0746612	0.21575418	0.001885
9mo_SIGAE3_TTGCTGCAGGGCCTCT-1-10x	0.04832432	0.12198065	0.00011598
9mo_SIGAE3_TTGCGCGTCTGCTAGA-1-10x	0.05033679	0.12914613	0.00014746
9mo_SIGAE3_TTGTTTTAGGTGCGAT-1-10x	0.03069838	0.05922275	4.68E-05
9mo_SIGAE3_TTGTTGGAAGTGCACAG-1-10x	0.06916753	0.19619374	0.0010821
9mo_SIGAE3_TTGTTACAACGATCT-1-10x	0.16119297	0.52385414	0.0017883
9mo_SIGAE3_TTGTTTGTCTTACCG-1-10x	0.10163046	0.31177938	0.0040036
9mo_SIGAE3_TTGTTTGTCTGACTA-1-10x	0.1711163	0.5591866	0.0016421
9mo_SIGAE3_TTTACTGGTCGGCACT-1-10x	0.26792115	0.90386426	0.00075705
9mo_SIGAE3_TTTATGCAGTTTCGAC-1-10x	0.04892077	0.12410434	0.00012523
9mo_SIGAE3_TTTCACAGTGTTTCATG-1-10x	0.21229039	0.7057886	0.0010856
9mo_SIGAE3_TTTCACATCCTGTTAT-1-10x	0.07450792	0.21520846	0.0017292
9mo_SIGAE3_TTTCATGCATAATGAG-1-10x	0.04234435	0.1006887	7.82E-05
9mo_SIGAE3_TTTCATGGTCCAAATC-1-10x	0.02760669	0.04821466	4.19E-05
9mo_SIGAE3_TTTCATGTCACTGAAC-1-10x	0.05015108	0.12848489	0.00013566
9mo_SIGAE3_TTTCATGTCCATTCG-1-10x	0.12329556	0.38891885	0.0021479
9mo_SIGAE3_TTTCCTCAGCAAGTCG-1-10x	0.06686912	0.18801017	0.00079936
9mo_SIGAE3_TTTCCTCTCCAACGG-1-10x	0.29332146	0.9943031	0.00076488
9mo_SIGAE3_TTTCGATGTTATGTCG-1-10x	0.03077644	0.05950068	4.68E-05
9mo_SIGAE3_TTGGAGCAAAGAACT-1-10x	0.0411197	0.09632828	7.40E-05

9mo_SIGAE3_TTTGTTGTCGCATTAG-1-10x	0.04998832	0.12790537	0.00013566
9mo_SIGAF3_AAACCCATCTTCCACG-1-10x	0.11582408	0.36231634	0.002594
9mo_SIGAF3_AAACGCTGTAAGATAC-1-10x	0.04983782	0.12736951	0.00013566
9mo_SIGAF3_AAAGAACAGCTGTTCA-1-10x	0.03325894	0.06833971	5.00E-05
9mo_SIGAF3_AAAGAACGTCTACAGT-1-10x	0.04149469	0.09766346	7.40E-05
9mo_SIGAF3_AAAGAACTCATAGGCT-1-10x	0.10625825	0.32825682	0.00352
9mo_SIGAF3_AAAGGATCAGGTGGAT-1-10x	0.24485543	0.8217378	0.00084014
9mo_SIGAF3_AAAGGATCAGTGCGCT-1-10x	0.04786848	0.1203576	0.00011598
9mo_SIGAF3_AAAGGGCGTCATGCAT-1-10x	0.09337469	0.28238437	0.0044107
9mo_SIGAF3_AAAGGTAAGACTACCT-1-10x	0.01925678	0.01848446	3.55E-05
9mo_SIGAF3_AAAGGTACAGGCCCTA-1-10x	0.06729698	0.18953359	0.00088537
9mo_SIGAF3_AAAGTCCAGCGCCGTT-1-10x	0.14286253	0.45858786	0.0018718
9mo_SIGAF3_AAAGTCCAGGCCCGTT-1-10x	0.01705988	0.01066229	3.38E-05
9mo_SIGAF3_AAAGTCCTCAACCCGG-1-10x	0.04259181	0.1015698	7.82E-05
9mo_SIGAF3_AAAGTCCTCGACCATA-1-10x	0.0406944	0.094814	7.01E-05
9mo_SIGAF3_AAAGTGACAACACTACGT-1-10x	0.02827299	0.05058703	4.30E-05
9mo_SIGAF3_AAAGTGATCCATTCGC-1-10x	0.23216008	0.77653545	0.00093066
9mo_SIGAF3_AAATGGAGTAGCGCTC-1-10x	0.02229491	0.02930182	3.76E-05
9mo_SIGAF3_AACAAAGCATAAGATG-1-10x	0.01909682	0.0179149	3.49E-05
9mo_SIGAF3_AACAAAGGTTCAAGCGC-1-10x	0.04618569	0.11436596	0.00010046
9mo_SIGAF3_AACAAAGTCAGGACGA-1-10x	0.2055317	0.681724	0.001143
9mo_SIGAF3_AACACACCAGACCAGA-1-10x	0.02248753	0.02998768	3.76E-05
9mo_SIGAF3_AACACACGTGCCGTAC-1-10x	0.27796847	0.93963814	0.00075239
9mo_SIGAF3_AACAGGGAGTTCTCTT-1-10x	0.1174829	0.36822262	0.002453
9mo_SIGAF3_AACAGGGGTCGTAATC-1-10x	0.28473157	0.9637185	0.00075605
9mo_SIGAF3_AACCAACCAACAAGTA-1-10x	0.2634869	0.8880759	0.00076313
9mo_SIGAF3_AACCAACTCGTGGCTG-1-10x	0.08956777	0.26882967	0.0042295
9mo_SIGAF3_AACCACAAGGCAGTCA-1-10x	0.13038482	0.41416046	0.001948
9mo_SIGAF3_AACCACATCAGTCCGG-1-10x	0.01975919	0.02027329	3.55E-05
9mo_SIGAF3_AACCATGCAATCTAGC-1-10x	0.04830663	0.12191764	0.00011598
9mo_SIGAF3_AACCATGCAGTACTAC-1-10x	0.01605066	0.00706892	3.33E-05
9mo_SIGAF3_AACCATGGTTGAGAGC-1-10x	0.07443558	0.21495089	0.0017292
9mo_SIGAF3_AACCATGTCCTAAACG-1-10x	0.10013963	0.3064712	0.0040879
9mo_SIGAF3_AACCATGTCGCTGTTC-1-10x	0.04857112	0.12285938	0.00012523
9mo_SIGAF3_AACCTGAAGACATAAC-1-10x	0.04357147	0.10505793	8.29E-05
9mo_SIGAF3_AACCTGAGTTGCTCAA-1-10x	0.10692548	0.3306325	0.0034182
9mo_SIGAF3_AACCTTTCAGTAGAAT-1-10x	0.28190267	0.95364606	0.00075401
9mo_SIGAF3_AACGAAAAGCGGGTAT-1-10x	0.04867512	0.12322968	0.00012523
9mo_SIGAF3_AACGAAACAAGAGATT-1-10x	0.06274445	0.17332411	0.00052741
9mo_SIGAF3_AACGAAAGTCAAGGCA-1-10x	0.04749167	0.11901595	0.00011598
9mo_SIGAF3_AACGAAAGTGGTCAAG-1-10x	0.02772114	0.04862216	4.30E-05

9mo_SIGAF3_AACGAAATCTTGATG-1-10x	0.2583431	0.8697612	0.000778
9mo_SIGAF3_AACGGGACAGTAAAG-1-10x	0.01778772	0.01325378	3.44E-05
9mo_SIGAF3_AACGTCACACGCTATA-1-10x	0.19315775	0.63766605	0.0012741
9mo_SIGAF3_AACGTCACAGATCCTA-1-10x	0.01794385	0.0138097	3.44E-05
9mo_SIGAF3_AACGTCATCCTACCAC-1-10x	0.09504702	0.28833875	0.0044051
9mo_SIGAF3_AACGTCATCGGTCTGG-1-10x	0.24992853	0.8398008	0.00081397
9mo_SIGAF3_AACTTCTGTAGTCTGT-1-10x	0.04930821	0.12548383	0.00013566
9mo_SIGAF3_AACTTCTGTCTACTGA-1-10x	0.04500014	0.11014474	9.39E-05
9mo_SIGAF3_AACTTCTTCTCTGCA-1-10x	0.04849832	0.12260018	0.00012523
9mo_SIGAF3_AAGAACAGTGTGAATA-1-10x	0.2752808	0.9300686	0.00075218
9mo_SIGAF3_AAGACAATCAGCTGAT-1-10x	0.01856019	0.01600422	3.49E-05
9mo_SIGAF3_AAGACTCAGTGGTTGG-1-10x	0.17858621	0.5857835	0.0015081
9mo_SIGAF3_AAGATAGCACAAATGA-1-10x	0.24040501	0.8058919	0.00086997
9mo_SIGAF3_AAGATAGGTGGCTGCT-1-10x	0.03913139	0.08924884	6.67E-05
9mo_SIGAF3_AAGCATCTCACTTCTA-1-10x	0.02974867	0.05584126	4.55E-05
9mo_SIGAF3_AAGCGAGAGAACAGGA-1-10x	0.04266302	0.10182333	7.82E-05
9mo_SIGAF3_AAGGAATAGATCCGAG-1-10x	0.0844081	0.25045845	0.0036353
9mo_SIGAF3_AAGGAATAGTGCAGCA-1-10x	0.1536462	0.4969836	0.0018575
9mo_SIGAF3_AAGGAATCAGAATTCC-1-10x	0.01922649	0.01837659	3.49E-05
9mo_SIGAF3_AAGGAATGTGGGTCAA-1-10x	0.2219117	0.74004567	0.0010106
9mo_SIGAF3_AAGGTAACACAACCGC-1-10x	0.15360324	0.4968306	0.0018575
9mo_SIGAF3_AAGGTAATCGTGGTAT-1-10x	0.04494214	0.10993823	9.39E-05
9mo_SIGAF3_AAGTACCAGTGGACGT-1-10x	0.04481309	0.10947876	9.39E-05
9mo_SIGAF3_AAGTACCGTCTCAGGC-1-10x	0.07489632	0.21659136	0.001885
9mo_SIGAF3_AAGTACCGTGCCACA-1-10x	0.26097977	0.8791492	0.00076963
9mo_SIGAF3_AAGTACCTCATTCGGA-1-10x	0.10467	0.32260177	0.0037215
9mo_SIGAF3_AAGTACCTCTGAACGT-1-10x	0.09361198	0.28322923	0.0044154
9mo_SIGAF3_AAGTCGTCACTGGCCA-1-10x	0.09585767	0.2912251	0.0043808
9mo_SIGAF3_AAGTCGTTCTGGCCGA-1-10x	0.10545043	0.32538053	0.0036214
9mo_SIGAF3_AAGTGAAAGGGCCAAT-1-10x	0.10432127	0.3213601	0.0037215
9mo_SIGAF3_AAGTGAAGTTGGACTT-1-10x	0.09475409	0.28729576	0.0044051
9mo_SIGAF3_AAGTGAATCTTCCCGA-1-10x	0.08940879	0.2682636	0.0042295
9mo_SIGAF3_AAGTTCGAGACTGAGC-1-10x	0.05143282	0.1330486	0.00016076
9mo_SIGAF3_AAGTTCGGTACATTGC-1-10x	0.01668934	0.00934298	3.38E-05
9mo_SIGAF3_AAGTTCGGTTGCCAAT-1-10x	0.13144669	0.4179413	0.001934
9mo_SIGAF3_AAGTTCGTCACTCACC-1-10x	0.25811526	0.86895	0.000778
9mo_SIGAF3_AATAGAGGTTTCTTAC-1-10x	0.0831656	0.24603446	0.0034742
9mo_SIGAF3_AATCACGTCTCCTACG-1-10x	0.04054968	0.09429872	7.01E-05
9mo_SIGAF3_AATCGACCATCTTTCA-1-10x	0.12180079	0.38359666	0.0021873
9mo_SIGAF3_AATCGACGTTTGAACC-1-10x	0.0270848	0.04635643	4.19E-05
9mo_SIGAF3_AATCGTGTCCAACACA-1-10x	0.01730748	0.01154389	3.38E-05

9mo_SIGAF3_AATGAAGAGGTA	0.1919572	0.6333915	0.0012985
9mo_SIGAF3_AATGAAGAGTCTAGCT	0.06196464	0.17054756	0.00047505
9mo_SIGAF3_AATGAAGCAGAATTCC	0.11751931	0.3683523	0.002453
9mo_SIGAF3_AATGAAGTCGGTCGGT	0.03663335	0.08035444	5.82E-05
9mo_SIGAF3_AATGCCAAGGGTAGCT	0.10361627	0.31884992	0.0038193
9mo_SIGAF3_AATGGAAGTGAGATTA	0.02161689	0.0268877	3.69E-05
9mo_SIGAF3_AATGGCTAGCAAATCA	0.1972035	0.6520711	0.0012292
9mo_SIGAF3_AATTCCTAGCGCCCAT	0.04906718	0.12462561	0.00012523
9mo_SIGAF3_AATTCCTAACCTATG	0.04571996	0.11270771	0.00010046
9mo_SIGAF3_AATTCCTACCAGTAT	0.04489905	0.10978481	9.39E-05
9mo_SIGAF3_AATTCCTACTGGCGT	0.07701673	0.22414118	0.0022191
9mo_SIGAF3_AATTTCCAATGGCAG	0.25049493	0.84181744	0.00080923
9mo_SIGAF3_AATTTCCAGCAGAAC	0.03171113	0.06282868	4.83E-05
9mo_SIGAF3_AATTTCTCCATCACC	0.08312413	0.2458868	0.0034742
9mo_SIGAF3_ACAAAGAGTCCCTGAG	0.2651055	0.89383894	0.00076135
9mo_SIGAF3_ACAAAGAGTTTCACTT	0.0155313	0.00521974	3.33E-05
9mo_SIGAF3_ACAAAGATCGACCACG	0.08113194	0.2387935	0.0029431
9mo_SIGAF3_ACAACCAAGGCATCAG	0.03236458	0.06515531	4.83E-05
9mo_SIGAF3_ACACAGTCATAAGATG	0.0768076	0.22339654	0.0022191
9mo_SIGAF3_ACACCAAAGCGACTGA	0.01879712	0.01684781	3.49E-05
9mo_SIGAF3_ACACCAACAGAGGTTG	0.06604534	0.18507706	0.00072102
9mo_SIGAF3_ACACGCGAGCTTTGTG	0.04686717	0.11679238	0.00010777
9mo_SIGAF3_ACACTGAGTGTTGATC	0.12255834	0.38629395	0.0021479
9mo_SIGAF3_ACACTGATCGACCAAT	0.053081	0.13891698	0.00019264
9mo_SIGAF3_ACAGAAATCGGTCACG	0.05615708	0.1498695	0.000257
9mo_SIGAF3_ACAGCCGGTGCCTACG	0.01573153	0.00593266	3.33E-05
9mo_SIGAF3_ACAGCCGTCTGTGCAA	0.01702666	0.01054402	3.38E-05
9mo_SIGAF3_ACAGGGACACTTCAGA	0.01587201	0.00643283	3.33E-05
9mo_SIGAF3_ACAGGGATCCAAAGGG	0.14454076	0.46456325	0.0018716
9mo_SIGAF3_ACATCGAAGCGATTCT	0.0223448	0.02947947	3.76E-05
9mo_SIGAF3_ACATCGAGTTCTATCT	0.06830595	0.19312605	0.00097948
9mo_SIGAF3_ACATTTGTCATCAGT	0.23542239	0.7881511	0.00090278
9mo_SIGAF3_ACCAAACTCCCAAGTA	0.21392423	0.71160597	0.0010701
9mo_SIGAF3_ACCAACAAGCCTCGTG	0.07908364	0.23150049	0.002576
9mo_SIGAF3_ACCAACACAAAGGGCT	0.11444638	0.35741097	0.0026715
9mo_SIGAF3_ACCACAACAATGGCCC	0.06655074	0.18687657	0.00079936
9mo_SIGAF3_ACCACAAGTGGACTGA	0.09165923	0.27627638	0.0043903
9mo_SIGAF3_ACCACAAGTTAGCGGA	0.1884126	0.62077075	0.001338
9mo_SIGAF3_ACCATTTAGAAGCTCG	0.2335169	0.7813665	0.00091657
9mo_SIGAF3_ACCATTTTCAATCCAG	0.18744376	0.6173212	0.0013519
9mo_SIGAF3_ACCCAAAGTGACATC	0.03854175	0.08714939	6.36E-05

9mo_SIGAF3_ACCCAAAGTGTCGGT-1-10x	0.06844885	0.19363487	0.00097948
9mo_SIGAF3_ACCCAAATCGACCCAG-1-10x	0.07887213	0.23074737	0.002576
9mo_SIGAF3_ACCCTCACATGACAGG-1-10x	0.26202783	0.88288087	0.00076727
9mo_SIGAF3_ACCCTTGAGGCATTTC-1-10x	0.08485402	0.25204614	0.0036353
9mo_SIGAF3_ACCCTTGGTAGCGCCT-1-10x	0.23086818	0.7719356	0.00093779
9mo_SIGAF3_ACCCTTGGTCTGAAGCA-1-10x	0.03677477	0.08085799	5.82E-05
9mo_SIGAF3_ACCTACCAGCACGTCC-1-10x	0.21086918	0.70072836	0.0010934
9mo_SIGAF3_ACCTACCTCCTAGAGT-1-10x	0.1833561	0.6027669	0.0014268
9mo_SIGAF3_ACCTGAAAGTAAACTG-1-10x	0.01766207	0.01280643	3.44E-05
9mo_SIGAF3_ACCTGAACACAGCCTG-1-10x	0.25164914	0.8459271	0.00080467
9mo_SIGAF3_ACCTGAAGTTTACGAC-1-10x	0.2590977	0.87244797	0.00077499
9mo_SIGAF3_ACCTGTCAGAAGAACG-1-10x	0.02690208	0.04570586	4.19E-05
9mo_SIGAF3_ACCTGTCCAAGTTCCA-1-10x	0.07593543	0.22029115	0.0020486
9mo_SIGAF3_ACCTGTTCGTCACATC-1-10x	0.04689216	0.11688136	0.00010777
9mo_SIGAF3_ACCTGTTCGTTACGTAC-1-10x	0.03133444	0.06148746	4.68E-05
9mo_SIGAF3_ACGATCAAGTGCAGGT-1-10x	0.18070608	0.5933314	0.001475
9mo_SIGAF3_ACGATGTAGCACTGGA-1-10x	0.09816236	0.29943106	0.0042345
9mo_SIGAF3_ACGATGTAGTGCAAAT-1-10x	0.05275073	0.13774107	0.00017575
9mo_SIGAF3_ACGCACGGTACGAGCA-1-10x	0.03139116	0.0616894	4.68E-05
9mo_SIGAF3_ACGCACGGTATGCTAC-1-10x	0.02063065	0.02337619	3.62E-05
9mo_SIGAF3_ACGCACGGTTTGTGG-1-10x	0.26964346	0.90999657	0.00075499
9mo_SIGAF3_ACGCACGTCCGCGGAT-1-10x	0.13102192	0.41642886	0.001934
9mo_SIGAF3_ACGGAAGAGACGGTCA-1-10x	0.24094532	0.80781573	0.00086374
9mo_SIGAF3_ACGGAAGAGGAATGTT-1-10x	0.03408278	0.07127304	5.17E-05
9mo_SIGAF3_ACGGGTCCAAGTATC-1-10x	0.03674744	0.08076068	5.82E-05
9mo_SIGAF3_ACGGGTTCGTGTGAGCA-1-10x	0.06120994	0.16786045	0.00042799
9mo_SIGAF3_ACGGGTCTCAACACCA-1-10x	0.23415294	0.78363115	0.00091657
9mo_SIGAF3_ACGGGTCTCACAGTGT-1-10x	0.0513333	0.13269424	0.00016076
9mo_SIGAF3_ACGGTTCGAGAAGTGT-1-10x	0.15979083	0.5188618	0.0018109
9mo_SIGAF3_ACGGTTCGCACAGACGA-1-10x	0.02814847	0.05014367	4.30E-05
9mo_SIGAF3_ACGGTTAAGTACGTT-1-10x	0.24716556	0.8299631	0.0008292
9mo_SIGAF3_ACGGTTAAGTAGGAAG-1-10x	0.11474074	0.3584591	0.0026715
9mo_SIGAF3_ACGTAACGTGCCTTCT-1-10x	0.27738702	0.9375679	0.00075222
9mo_SIGAF3_ACGTACACAATTTCT-1-10x	0.02989896	0.05637636	4.55E-05
9mo_SIGAF3_ACGTAGTAGCCTCGTG-1-10x	0.02069615	0.02360938	3.62E-05
9mo_SIGAF3_ACGTAGTAGGAATTAC-1-10x	0.02507008	0.03918293	4.00E-05
9mo_SIGAF3_ACGTAGTAGTCTCCTC-1-10x	0.05513585	0.14623336	0.000233
9mo_SIGAF3_ACGTAGTCAATAGTGA-1-10x	0.08185215	0.24135788	0.0031253
9mo_SIGAF3_ACGTAGTTCGCCACTT-1-10x	0.22650355	0.75639516	0.00097406
9mo_SIGAF3_ACGTCCTGTGGATACG-1-10x	0.23580867	0.78952646	0.00090278
9mo_SIGAF3_ACGTTCAGGTGCCAA-1-10x	0.27230847	0.9194855	0.000753

9mo_SIGAF3_ACGTTCCTCTCTGAGA-1-10x	0.07209553	0.20661902	0.0014433
9mo_SIGAF3_ACTACGAAGGCTAACG-1-10x	0.16709185	0.5448573	0.0017056
9mo_SIGAF3_ACTATCTGTACAAACA-1-10x	0.25009608	0.84039736	0.00081397
9mo_SIGAF3_ACTATCTGTTTACGTG-1-10x	0.03605503	0.0782953	5.58E-05
9mo_SIGAF3_ACTATTCCAGCCTCGTG-1-10x	0.02443236	0.03691232	3.91E-05
9mo_SIGAF3_ACTATTCCAGTTGTTG-1-10x	0.05256704	0.13708702	0.00017575
9mo_SIGAF3_ACTCCAGTAAGTCAA-1-10x	0.04482586	0.10952424	9.39E-05
9mo_SIGAF3_ACTGATGGTACCGTGC-1-10x	0.17289104	0.56550556	0.0016089
9mo_SIGAF3_ACTGCAAGTCTGCATA-1-10x	0.0836305	0.24768974	0.0034742
9mo_SIGAF3_ACTGCAATCATCACTT-1-10x	0.05100128	0.13151206	0.00014746
9mo_SIGAF3_ACTGTGAAGGGACAGG-1-10x	0.02289713	0.03144607	3.76E-05
9mo_SIGAF3_ACTGTGAAGTTGCCCG-1-10x	0.14083393	0.45136493	0.0018734
9mo_SIGAF3_ACTGTGATCTCGCTCA-1-10x	0.09781268	0.29818597	0.0042943
9mo_SIGAF3_ACTTAGGAGTACTCGT-1-10x	0.04757734	0.11932099	0.00011598
9mo_SIGAF3_ACTTAGGGTTACGTAC-1-10x	0.04626546	0.11465	0.00010046
9mo_SIGAF3_ACTTATCAGTTTGCTG-1-10x	0.12260555	0.38646203	0.0021479
9mo_SIGAF3_ACTTATCCACTCCGGA-1-10x	0.16705172	0.54471445	0.0017056
9mo_SIGAF3_ACTTATCGTCTTTATC-1-10x	0.0849574	0.25241423	0.0036353
9mo_SIGAF3_ACTTATCTCACCGGTG-1-10x	0.1513394	0.4887701	0.0018676
9mo_SIGAF3_ACTTCGCAGGCATCTT-1-10x	0.18306103	0.6017163	0.0014268
9mo_SIGAF3_ACTTCGCGTTAAACAG-1-10x	0.24040179	0.8058804	0.00086997
9mo_SIGAF3_ACTTTTACAACCTGGT-1-10x	0.19867496	0.6573103	0.0012085
9mo_SIGAF3_ACTTTTACAGCAGACA-1-10x	0.09029699	0.27142608	0.0042999
9mo_SIGAF3_ACTTTTGTTGAGCTGC-1-10x	0.13701473	0.43776652	0.0018842
9mo_SIGAF3_ACTTTGTTCTGGCTGG-1-10x	0.23692149	0.7934887	0.00089602
9mo_SIGAF3_AGAAATGTCAAACGAA-1-10x	0.08574992	0.25523606	0.0037839
9mo_SIGAF3_AGAACAACAAGCGATG-1-10x	0.13068624	0.41523367	0.001948
9mo_SIGAF3_AGAACCTAGTGGGAAA-1-10x	0.07440201	0.21483135	0.0017292
9mo_SIGAF3_AGAACCTCAAAGGATT-1-10x	0.23756278	0.795772	0.00088935
9mo_SIGAF3_AGAACCTTCGACCCAG-1-10x	0.01545892	0.00496202	3.27E-05
9mo_SIGAF3_AGAACCTTCGTTATCT-1-10x	0.21901666	0.72973776	0.0010326
9mo_SIGAF3_AGAACCTTCTCATTAC-1-10x	0.0630004	0.17423542	0.00052741
9mo_SIGAF3_AGAACCTTCTCCAAC-1-10x	0.2687999	0.9069931	0.00075594
9mo_SIGAF3_AGAAGCGCATCTGGGC-1-10x	0.06201954	0.17074305	0.00047505
9mo_SIGAF3_AGAAGCGGTGTCTTAG-1-10x	0.04352344	0.10488688	8.29E-05
9mo_SIGAF3_AGAAGTAGTCGAACGA-1-10x	0.01845096	0.01561528	3.49E-05
9mo_SIGAF3_AGAAGTAGTCGCATCG-1-10x	0.07159632	0.20484158	0.0013138
9mo_SIGAF3_AGAAGTAGTGACGTCC-1-10x	0.0304584	0.05836828	4.55E-05
9mo_SIGAF3_AGAAGTAGTGGATGAC-1-10x	0.24322821	0.815944	0.00085167
9mo_SIGAF3_AGAAGTAGTTGGTACT-1-10x	0.04364213	0.10530949	8.29E-05
9mo_SIGAF3_AGACAAATCCAGTGCG-1-10x	0.18802907	0.61940515	0.0013519

9mo_SIGAF3_AGACCCGAGCTGACTT-1-10x	0.20051429	0.6638593	0.0011985
9mo_SIGAF3_AGACCCGTCGGTAGAG-1-10x	0.04003574	0.09246881	7.01E-05
9mo_SIGAF3_AGACTCACACTGTTCC-1-10x	0.2656326	0.8957158	0.00075974
9mo_SIGAF3_AGACTCAGTTGCGGAA-1-10x	0.01727852	0.01144077	3.38E-05
9mo_SIGAF3_AGAGAATAGTAGTCTC-1-10x	0.12324993	0.38875636	0.0021479
9mo_SIGAF3_AGAGAATGTCTTGGA-1-10x	0.08052018	0.23661532	0.0029431
9mo_SIGAF3_AGAGAATTCAACTACG-1-10x	0.04363324	0.10527786	8.29E-05
9mo_SIGAF3_AGAGAATTCATCCGT-1-10x	0.0914472	0.27552143	0.0043535
9mo_SIGAF3_AGAGAGCAGTTAACAG-1-10x	0.09163188	0.27617902	0.0043903
9mo_SIGAF3_AGAGCAGCAAAGACTA-1-10x	0.2480113	0.83297443	0.00082396
9mo_SIGAF3_AGAGCCCAGTTTCAGC-1-10x	0.02889057	0.05278596	4.42E-05
9mo_SIGAF3_AGAGCCCTCGCTCATC-1-10x	0.08031286	0.23587717	0.0029431
9mo_SIGAF3_AGATAGATCGCCGTGA-1-10x	0.08358602	0.24753137	0.0034742
9mo_SIGAF3_AGATCCACAGAATCGG-1-10x	0.04353365	0.10492327	8.29E-05
9mo_SIGAF3_AGATCGTAGAGCAGAA-1-10x	0.26959398	0.90982044	0.00075499
9mo_SIGAF3_AGATCGTTCAAACGTC-1-10x	0.01712754	0.01090319	3.38E-05
9mo_SIGAF3_AGATCGTTCCACACCT-1-10x	0.09470483	0.28712037	0.0044051
9mo_SIGAF3_AGATCGTTCGTGAGAG-1-10x	0.0425286	0.10134473	7.82E-05
9mo_SIGAF3_AGATGAAGTGATTGC-1-10x	0.08258668	0.24397321	0.0033032
9mo_SIGAF3_AGATGCTAGTGATTCC-1-10x	0.27712676	0.9366412	0.00075222
9mo_SIGAF3_AGATGCTCACCAGTTA-1-10x	0.24331519	0.8162537	0.00085167
9mo_SIGAF3_AGATGCTGTCCAAGAG-1-10x	0.01685109	0.00991888	3.38E-05
9mo_SIGAF3_AGCATCAAGCGTACAG-1-10x	0.21561679	0.7176324	0.001055
9mo_SIGAF3_AGCCAATAGTGCCAGA-1-10x	0.2370663	0.79400426	0.00089602
9mo_SIGAF3_AGCCAATGTTGACGGA-1-10x	0.28123513	0.9512692	0.00075348
9mo_SIGAF3_AGCCACGGTGGACTGA-1-10x	0.14468597	0.4650803	0.0018716
9mo_SIGAF3_AGCCACGGTTCATCGA-1-10x	0.1077116	0.3334315	0.0033168
9mo_SIGAF3_AGCGATTGTACCTAGT-1-10x	0.21564099	0.7177186	0.001055
9mo_SIGAF3_AGCGATTTGACGCGT-1-10x	0.27017483	0.9118886	0.00075418
9mo_SIGAF3_AGCGATTTCGTAATGC-1-10x	0.02958951	0.05527455	4.55E-05
9mo_SIGAF3_AGCGATTTCTGAGTCA-1-10x	0.13156769	0.4183721	0.001934
9mo_SIGAF3_AGCGCCAAGAGACAAG-1-10x	0.08250181	0.243671	0.0033032
9mo_SIGAF3_AGCGCCAGTGAGTAAT-1-10x	0.11006074	0.3417957	0.0031181
9mo_SIGAF3_AGCGCCAGTGATACTC-1-10x	0.08280806	0.24476144	0.0033032
9mo_SIGAF3_AGCGCCAGTTCGCGA-1-10x	0.15886602	0.5155689	0.0018209
9mo_SIGAF3_AGCGCCATCAGTCATG-1-10x	0.09861265	0.30103433	0.0042345
9mo_SIGAF3_AGCGCTGAGCACTCGC-1-10x	0.0512084	0.13224953	0.00016076
9mo_SIGAF3_AGCGCTGCAGATTTTCG-1-10x	0.19383052	0.6400615	0.0012741
9mo_SIGAF3_AGCGCTGTCCGACTG-1-10x	0.0213806	0.02604639	3.69E-05
9mo_SIGAF3_AGCGTATAGCTATCCA-1-10x	0.01636869	0.00820128	3.33E-05
9mo_SIGAF3_AGCGTATGTATGGAGC-1-10x	0.06002583	0.16364436	0.00038577

9mo_SIGAF3_AGCGTATGTTGACTGT-1-10x	0.25840625	0.86998606	0.000778
9mo_SIGAF3_AGCGTATTCCGACAGC-1-10x	0.0430935	0.10335608	8.29E-05
9mo_SIGAF3_AGCGTCGCACCACATA-1-10x	0.14214735	0.45604143	0.0018724
9mo_SIGAF3_AGCTCAACAGACACAG-1-10x	0.17632458	0.57773083	0.0015416
9mo_SIGAF3_AGCTCAAGTGGCTACC-1-10x	0.07384367	0.21284336	0.0017292
9mo_SIGAF3_AGCTCAAGTTTAGTCG-1-10x	0.02592522	0.04222772	4.09E-05
9mo_SIGAF3_AGCTTCCTCGGTAAC-1-10x	0.11438616	0.35719657	0.0026715
9mo_SIGAF3_AGGAAATAGGTTAAAC-1-10x	0.26129225	0.8802618	0.00076963
9mo_SIGAF3_AGGAAATCACCCTGG-1-10x	0.23192845	0.77571076	0.00093066
9mo_SIGAF3_AGGAAATTCATTTGT-1-10x	0.1226074	0.38646865	0.0021479
9mo_SIGAF3_AGGAAATCTATCGCC-1-10x	0.09299448	0.2810306	0.0044107
9mo_SIGAF3_AGGACTTGTCCTAAA-1-10x	0.1430223	0.45915672	0.0018718
9mo_SIGAF3_AGGACTTGTTCAATCG-1-10x	0.09268868	0.27994177	0.0044107
9mo_SIGAF3_AGGATAAAGCCTAACT-1-10x	0.08863196	0.26549765	0.0041422
9mo_SIGAF3_AGGATAACACGGCACT-1-10x	0.06611472	0.18532412	0.00072102
9mo_SIGAF3_AGGATCTAGGACTAAT-1-10x	0.23624004	0.79106236	0.00089602
9mo_SIGAF3_AGGATCTCAAGGCTTT-1-10x	0.03697701	0.08157808	5.82E-05
9mo_SIGAF3_AGGATCTCACGTATAC-1-10x	0.02506115	0.03915115	4.00E-05
9mo_SIGAF3_AGGATCTGTGTCTTGA-1-10x	0.05150089	0.13329098	0.00016076
9mo_SIGAF3_AGGATCTCCCGAAAT-1-10x	0.28970844	0.9814388	0.0007606
9mo_SIGAF3_AGGCATTCACGCGCTA-1-10x	0.01732898	0.01162045	3.38E-05
9mo_SIGAF3_AGGCCACGTGCCCTTT-1-10x	0.22597331	0.75450724	0.00097406
9mo_SIGAF3_AGGCCACTCCTATTGT-1-10x	0.04321646	0.10379387	8.29E-05
9mo_SIGAF3_AGGCTGCGTCCAGCCA-1-10x	0.22578572	0.7538393	0.00098137
9mo_SIGAF3_AGGCTGCTCATCGCAA-1-10x	0.04277013	0.10220471	8.29E-05
9mo_SIGAF3_AGGGAGTAGGGTAGCT-1-10x	0.08198725	0.24183892	0.0031253
9mo_SIGAF3_AGGGAGTCACAGAGAC-1-10x	0.17405128	0.5696367	0.0015922
9mo_SIGAF3_AGGGAGTCAGACGATG-1-10x	0.04865925	0.12317316	0.00012523
9mo_SIGAF3_AGGGAGTGTGAGTCAG-1-10x	0.02078459	0.02392427	3.62E-05
9mo_SIGAF3_AGGGCCTCACAATTCG-1-10x	0.06316191	0.1748105	0.00052741
9mo_SIGAF3_AGGGCCTTCATTTGGG-1-10x	0.28128722	0.9514547	0.00075348
9mo_SIGAF3_AGGGCTCGTAGTCGTT-1-10x	0.25904417	0.8722574	0.00077499
9mo_SIGAF3_AGGGCTCTCGAGAATA-1-10x	0.02207249	0.02850991	3.76E-05
9mo_SIGAF3_AGGGTCCAGGATTCAA-1-10x	0.01528155	0.00433049	3.27E-05
9mo_SIGAF3_AGGGTCCAGGTAGCCA-1-10x	0.03129476	0.06134618	4.68E-05
9mo_SIGAF3_AGGGTCCAGTATAGGT-1-10x	0.04165497	0.09823414	7.40E-05
9mo_SIGAF3_AGGGTCCGTCACAATC-1-10x	0.01852628	0.01588348	3.49E-05
9mo_SIGAF3_AGGGTGAAGCTGTACT-1-10x	0.27537778	0.9304139	0.00075218
9mo_SIGAF3_AGGGTGAGTGTCATGT-1-10x	0.21568708	0.7178827	0.001055
9mo_SIGAF3_AGGTAGGAGTGTCATC-1-10x	0.21899098	0.7296464	0.0010326
9mo_SIGAF3_AGGTAGGCAATTCTTC-1-10x	0.02653007	0.0443813	4.09E-05

9mo_SIGAF3_AGGTAGGGTACCTTCC-1-10x	0.06659402	0.18703067	0.00079936
9mo_SIGAF3_AGGTAGGTCATTACGG-1-10x	0.24620792	0.8265534	0.00083459
9mo_SIGAF3_AGGTAGGTCTCCACTG-1-10x	0.28216964	0.9545966	0.00075401
9mo_SIGAF3_AGGTCATTCTACTATC-1-10x	0.08475777	0.25170344	0.0036353
9mo_SIGAF3_AGGTCATTCTTGGAAC-1-10x	0.23246525	0.77762204	0.00092358
9mo_SIGAF3_AGGTCTACAGCGCTTG-1-10x	0.05597836	0.14923318	0.000257
9mo_SIGAF3_AGGTCTAGTTGTGTTG-1-10x	0.26642138	0.8985243	0.00075831
9mo_SIGAF3_AGGTCTATCTTAGGAC-1-10x	0.05499514	0.14573237	0.000233
9mo_SIGAF3_AGGTGTTAGCTTGTGT-1-10x	0.01676482	0.00961173	3.38E-05
9mo_SIGAF3_AGGTGTTACCCCTTGT-1-10x	0.0475768	0.11931906	0.00011598
9mo_SIGAF3_AGGTGTTCACTGCTTC-1-10x	0.19738473	0.6527164	0.0012292
9mo_SIGAF3_AGGTTACAGCTGACCC-1-10x	0.08364768	0.24775094	0.0034742
9mo_SIGAF3_AGGTTGTCAACGGCTC-1-10x	0.17515026	0.5735496	0.0015753
9mo_SIGAF3_AGGTTGTGTACAACGG-1-10x	0.02082147	0.0240556	3.62E-05
9mo_SIGAF3_AGGTTGTGTATGTCAC-1-10x	0.23427807	0.7840767	0.00091657
9mo_SIGAF3_AGGTTGTGTCACGCTG-1-10x	0.01922305	0.01836436	3.49E-05
9mo_SIGAF3_AGTAACCAGCAAGGAA-1-10x	0.08401232	0.24904925	0.0034742
9mo_SIGAF3_AGTAACCGTTTGAACC-1-10x	0.02429758	0.03643243	3.91E-05
9mo_SIGAF3_AGTAAGTGGTAGCACGA-1-10x	0.0844443	0.2505873	0.0036353
9mo_SIGAF3_AGTAAGTGGTGAACC-1-10x	0.08363236	0.24769637	0.0034742
9mo_SIGAF3_AGTAAGTGTCTAATTCC-1-10x	0.14724511	0.47419223	0.0018716
9mo_SIGAF3_AGTAAGTCTCATATCTGG-1-10x	0.0242656	0.03631857	3.91E-05
9mo_SIGAF3_AGTAAGTCTGTCAGCTTA-1-10x	0.16505091	0.5375905	0.0017353
9mo_SIGAF3_AGTAAGTCTCTCATAGG-1-10x	0.1082084	0.33520037	0.0033168
9mo_SIGAF3_AGTCATGTCTTACCGC-1-10x	0.01937719	0.01891318	3.55E-05
9mo_SIGAF3_AGTCATCCCAAATTGGA-1-10x	0.10718663	0.33156234	0.0034182
9mo_SIGAF3_AGTCATCTGTGACGCCT-1-10x	0.05384382	0.14163306	0.00019264
9mo_SIGAF3_AGTCATCGTTCGAGTCCG-1-10x	0.28201908	0.9540605	0.00075401
9mo_SIGAF3_AGTCATGGTACCGGAA-1-10x	0.26498193	0.893399	0.00076135
9mo_SIGAF3_AGTCATCCGTTCTCGTC-1-10x	0.02993251	0.05649583	4.55E-05
9mo_SIGAF3_AGTCATCCCTCGGAGTGA-1-10x	0.03247654	0.06555396	5.00E-05
9mo_SIGAF3_AGTCATCGAAGATCCAAA-1-10x	0.22062114	0.7354506	0.0010179
9mo_SIGAF3_AGTCATCGAAGTGCAAAT-1-10x	0.03820956	0.08596662	6.36E-05
9mo_SIGAF3_ATACCGATCAAATAGG-1-10x	0.08918302	0.26745972	0.0042295
9mo_SIGAF3_ATACCTTGTAGAGATT-1-10x	0.04451587	0.10842049	8.81E-05
9mo_SIGAF3_ATACCTTGTGACAACG-1-10x	0.04331801	0.10415547	8.29E-05
9mo_SIGAF3_ATACTTCAGGATCATA-1-10x	0.03883302	0.08818645	6.36E-05
9mo_SIGAF3_ATACTTCCAAGATGGC-1-10x	0.08148859	0.24006341	0.0031253
9mo_SIGAF3_ATAGACCTCATGGCCG-1-10x	0.01717974	0.01108905	3.38E-05
9mo_SIGAF3_ATAGAGACATCCGAAT-1-10x	0.05079483	0.130777	0.00014746
9mo_SIGAF3_ATAGGCTCAGTCTCTC-1-10x	0.2535738	0.8527799	0.00079608

9mo_SIGAF3_ATAGGCTTCTGAATCG-1-10x	0.05020415	0.12867387	0.00013566
9mo_SIGAF3_ATATCCTTCCGTGTCT-1-10x	0.07777936	0.22685653	0.0023954
9mo_SIGAF3_ATCACAGAGCTGACCC-1-10x	0.10157144	0.3115692	0.0040036
9mo_SIGAF3_ATCACGACACAATCTG-1-10x	0.24994613	0.8398635	0.00081397
9mo_SIGAF3_ATCACGAGTCCTCATC-1-10x	0.10002598	0.30606654	0.0040879
9mo_SIGAF3_ATCACTTGTCCGGTCA-1-10x	0.26974106	0.9103441	0.00075499
9mo_SIGAF3_ATCAGGTCAATGGCAG-1-10x	0.0844407	0.2505745	0.0036353
9mo_SIGAF3_ATCAGGTTCAAGCTGT-1-10x	0.19425677	0.64157915	0.0012624
9mo_SIGAF3_ATCATTACAGAGTTCCG-1-10x	0.01555817	0.00531538	3.33E-05
9mo_SIGAF3_ATCCACCCATTGCTTT-1-10x	0.01601651	0.00694732	3.33E-05
9mo_SIGAF3_ATCCATTAGGGATGTC-1-10x	0.01850921	0.01582269	3.49E-05
9mo_SIGAF3_ATCCATTTCCGGTCTAA-1-10x	0.09026603	0.27131584	0.0042999
9mo_SIGAF3_ATCCCTGAGAGCAAGA-1-10x	0.03978698	0.09158308	6.67E-05
9mo_SIGAF3_ATCCCTGAGCTTCTAG-1-10x	0.16207324	0.5269884	0.001776
9mo_SIGAF3_ATCCGTCGTTTGGAGG-1-10x	0.09387658	0.28417134	0.0044154
9mo_SIGAF3_ATCCGTCCTCAAGCTTG-1-10x	0.09155055	0.27588943	0.0043535
9mo_SIGAF3_ATCCGTCCTCCACTG-1-10x	0.07971981	0.23376559	0.0027593
9mo_SIGAF3_ATCCTATAGAGATTCA-1-10x	0.08632222	0.25727373	0.0039187
9mo_SIGAF3_ATCCTATAGCAGCGAT-1-10x	0.28246054	0.9556324	0.00075462
9mo_SIGAF3_ATCCTATAGGTGCAGT-1-10x	0.25182977	0.84657025	0.00080467
9mo_SIGAF3_ATCCTATTCGTTCCCA-1-10x	0.0489549	0.12422586	0.00012523
9mo_SIGAF3_ATCGATGGTCACTCTC-1-10x	0.08017907	0.23540078	0.0027593
9mo_SIGAF3_ATCGATGGTGCCTAAT-1-10x	0.04193169	0.09921941	7.82E-05
9mo_SIGAF3_ATCGATGTCCTTGAAG-1-10x	0.03485674	0.07402876	5.37E-05
9mo_SIGAF3_ATCGCCTAGGGATCGT-1-10x	0.04814903	0.1213565	0.00011598
9mo_SIGAF3_ATCGCCTCAGGTCCGT-1-10x	0.11600477	0.36295968	0.0025211
9mo_SIGAF3_ATCGCCTCATTGCCTC-1-10x	0.02678709	0.04529642	4.19E-05
9mo_SIGAF3_ATCGCCTGTGAAGCA-1-10x	0.03896253	0.08864759	6.67E-05
9mo_SIGAF3_ATCGGATTCGGAATTC-1-10x	0.01703905	0.01058813	3.38E-05
9mo_SIGAF3_ATCGGCGGTGTCCACG-1-10x	0.10198757	0.31305087	0.0039137
9mo_SIGAF3_ATCGTAGGTCAGGCAA-1-10x	0.22833154	0.7629038	0.00095947
9mo_SIGAF3_ATCGTCCAGCCTGAGA-1-10x	0.28488985	0.96428204	0.00075605
9mo_SIGAF3_ATCGTGACACTGGACC-1-10x	0.03428983	0.07201025	5.37E-05
9mo_SIGAF3_ATCGTGACATACGCAT-1-10x	0.05038594	0.12932111	0.00014746
9mo_SIGAF3_ATCGTGAGTTATAGAG-1-10x	0.08634321	0.25734845	0.0039187
9mo_SIGAF3_ATCTCTAAGCACCGTC-1-10x	0.2439483	0.8185079	0.00084583
9mo_SIGAF3_ATGAAAGTCGTTACCC-1-10x	0.0186282	0.01624635	3.49E-05
9mo_SIGAF3_ATGACCACACCTCTGT-1-10x	0.10959854	0.34015003	0.0031181
9mo_SIGAF3_ATGAGGGTACTCCCT-1-10x	0.25168207	0.84604436	0.00080467
9mo_SIGAF3_ATGAGTCTCCATTTGT-1-10x	0.24730249	0.83045065	0.0008292
9mo_SIGAF3_ATGAGTCTCGCACTCT-1-10x	0.01586881	0.00642143	3.33E-05

9mo_SIGAF3_ATGATCGCACGCGTGT-1-10x	0.01734699	0.01168457	3.38E-05
9mo_SIGAF3_ATGGAGGGTGCAATAA-1-10x	0.016289	0.00791756	3.33E-05
9mo_SIGAF3_ATGGAGGGTGGAGAAA-1-10x	0.04656628	0.11572105	0.00010777
9mo_SIGAF3_ATGGATCAGCACTCAT-1-10x	0.26365346	0.88866895	0.00076313
9mo_SIGAF3_ATGGATCCAATAAGGT-1-10x	0.04794587	0.12063315	0.00011598
9mo_SIGAF3_ATGGATCGTGGGTATG-1-10x	0.02370565	0.03432484	3.83E-05
9mo_SIGAF3_ATGGATCGTTAGGCC-1-10x	0.05266777	0.13744569	0.00017575
9mo_SIGAF3_ATGGGAGAGATGCGAC-1-10x	0.2711608	0.9153992	0.00075352
9mo_SIGAF3_ATGGGAGTCACTTGA-1-10x	0.07428466	0.21441351	0.0017292
9mo_SIGAF3_ATGGTTGAGCTGAAGC-1-10x	0.06046415	0.16520502	0.00038577
9mo_SIGAF3_ATGGTTGCAAGCGCTC-1-10x	0.07765615	0.22641784	0.0023954
9mo_SIGAF3_ATGGTTGTCGGAAGGT-1-10x	0.05142666	0.13302667	0.00016076
9mo_SIGAF3_ATGTCCCGTCATCCCT-1-10x	0.09663524	0.29399365	0.0043435
9mo_SIGAF3_ATGTCCCGTTCGGTTC-1-10x	0.020405	0.02257273	3.62E-05
9mo_SIGAF3_ATTACCTCATCAGCGC-1-10x	0.03875096	0.0878943	6.36E-05
9mo_SIGAF3_ATTACCTGTGTGAATA-1-10x	0.03461776	0.07317787	5.37E-05
9mo_SIGAF3_ATTACTCCATATGAAG-1-10x	0.28211123	0.9543886	0.00075401
9mo_SIGAF3_ATTATCCAGCAACTTC-1-10x	0.27816498	0.94033784	0.00075239
9mo_SIGAF3_ATTATCCTCGAGATAA-1-10x	0.06973121	0.19820075	0.0010821
9mo_SIGAF3_ATTCACTAGAAGAGCA-1-10x	0.1662817	0.54197276	0.0017206
9mo_SIGAF3_ATTCATCGTCCACATA-1-10x	0.27205265	0.91857463	0.000753
9mo_SIGAF3_ATTCCATTCTTTGAT-1-10x	0.02112092	0.02512178	3.69E-05
9mo_SIGAF3_ATTCCATTCTGGAAGG-1-10x	0.20818612	0.6911752	0.0011177
9mo_SIGAF3_ATTCCCGCACAGAGCA-1-10x	0.05402551	0.14227995	0.00021164
9mo_SIGAF3_ATTCCCGTAACAAGT-1-10x	0.02371493	0.03435788	3.83E-05
9mo_SIGAF3_ATTCCCGTTCAGGC-1-10x	0.04825544	0.1217354	0.00011598
9mo_SIGAF3_ATTCGTTAGCTGAGCA-1-10x	0.2678767	0.903706	0.00075705
9mo_SIGAF3_ATTCGTTACCGTCTGA-1-10x	0.22467433	0.74988216	0.00098869
9mo_SIGAF3_ATTCTACAGGAGAGGC-1-10x	0.015112	0.00372677	3.27E-05
9mo_SIGAF3_ATTCTACTCGCAATGT-1-10x	0.04778459	0.1200589	0.00011598
9mo_SIGAF3_ATTCTTGGTCCAAAGG-1-10x	0.19679922	0.65063167	0.0012292
9mo_SIGAF3_ATTGGGTTCCGTAGGC-1-10x	0.1440663	0.46287397	0.0018716
9mo_SIGAF3_ATTGTTCCAAAGCTAA-1-10x	0.02889702	0.05280891	4.42E-05
9mo_SIGAF3_ATTGTTCTCGTACCTC-1-10x	0.13828544	0.44229096	0.0018802
9mo_SIGAF3_ATTTACCAGAAGCGGG-1-10x	0.03675096	0.0807732	5.82E-05
9mo_SIGAF3_ATTTACCAGTTCTACG-1-10x	0.10290645	0.3163226	0.0038193
9mo_SIGAF3_ATTTACCAAGTACCT-1-10x	0.07330766	0.21093485	0.0015819
9mo_SIGAF3_ATTTCACTCTAGATCG-1-10x	0.07905193	0.23138756	0.002576
9mo_SIGAF3_ATTTCTGGTACCTAGT-1-10x	0.14349893	0.4608538	0.0018716
9mo_SIGAF3_ATTTCTGGTCTAACTG-1-10x	0.10359642	0.31877923	0.0038193
9mo_SIGAF3_ATTTCTGTCTCGGGAC-1-10x	0.13927019	0.44579718	0.0018772

9mo_SIGAF3_CAAAGAAAGGCCACCT-1-10x	0.23745975	0.79540515	0.00088935
9mo_SIGAF3_CAAAGAACACTGCTTC-1-10x	0.09806923	0.29909945	0.0042943
9mo_SIGAF3_CAACAACAGAACAGGA-1-10x	0.02014749	0.02165586	3.55E-05
9mo_SIGAF3_CAACAACAGTAATTGG-1-10x	0.18083501	0.5937904	0.0014587
9mo_SIGAF3_CAACAACCAAGTCCAT-1-10x	0.03452728	0.0728557	5.37E-05
9mo_SIGAF3_CAACAGTAGTGGCAGT-1-10x	0.17791036	0.58337706	0.0015248
9mo_SIGAF3_CAACAGTCAACTAGAA-1-10x	0.06912632	0.19604702	0.0010821
9mo_SIGAF3_CAACAGTCAAGCGATG-1-10x	0.11292721	0.3520019	0.0028393
9mo_SIGAF3_CAACAGTTCCTAGCCT-1-10x	0.12909986	0.4095853	0.0019821
9mo_SIGAF3_CAACCAAAGACTCTTG-1-10x	0.05878415	0.15922329	0.00034795
9mo_SIGAF3_CAACCAAAGATAGCTA-1-10x	0.0476694	0.11964878	0.00011598
9mo_SIGAF3_CAACCAAAGGATCACG-1-10x	0.05309093	0.13895237	0.00019264
9mo_SIGAF3_CAACCAATCTACGCAA-1-10x	0.08079185	0.23758261	0.0029431
9mo_SIGAF3_CAACCTCCAAGTACCT-1-10x	0.19147262	0.63166606	0.0012985
9mo_SIGAF3_CAACCTCTCTAGGAAA-1-10x	0.18426943	0.60601884	0.0014112
9mo_SIGAF3_CAACGGCGTGGACTAG-1-10x	0.17661028	0.5787481	0.0015416
9mo_SIGAF3_CAAGACTCAATGGCAG-1-10x	0.12553911	0.3969071	0.0020515
9mo_SIGAF3_CAAGAGGGTAACTGCT-1-10x	0.0676349	0.19073676	0.00088537
9mo_SIGAF3_CAAGCTAAGTGTAGTA-1-10x	0.26427764	0.8908914	0.00076313
9mo_SIGAF3_CAAGCTAGTTCATCTT-1-10x	0.2760162	0.93268704	0.00075214
9mo_SIGAF3_CAAGCTATCAGACATC-1-10x	0.21334475	0.70954275	0.0010778
9mo_SIGAF3_CAAGGGACATGCGTGC-1-10x	0.25941953	0.87359387	0.00077499
9mo_SIGAF3_CAAGGGAGTCTAGGCC-1-10x	0.19458649	0.6427531	0.0012624
9mo_SIGAF3_CAATACGCACCTTCGT-1-10x	0.04003811	0.09247724	7.01E-05
9mo_SIGAF3_CAATCGAGTATGGTAA-1-10x	0.02376037	0.03451966	3.83E-05
9mo_SIGAF3_CAATCGATCCACTTTA-1-10x	0.07554248	0.21889204	0.001885
9mo_SIGAF3_CAATGACCAGGAATAT-1-10x	0.08388513	0.24859636	0.0034742
9mo_SIGAF3_CAATGACGTTGCAAGG-1-10x	0.11884014	0.37305513	0.0023317
9mo_SIGAF3_CAATGACTCTAACGCA-1-10x	0.24508724	0.8225632	0.00084014
9mo_SIGAF3_CACAACAAGATTTGCC-1-10x	0.26940486	0.9091471	0.00075499
9mo_SIGAF3_CACAACAAGTGCAGGT-1-10x	0.05321243	0.13938497	0.00019264
9mo_SIGAF3_CACACAAAGCAGTAAT-1-10x	0.03762654	0.08389073	6.07E-05
9mo_SIGAF3_CACACAAAGGGAGGCA-1-10x	0.15651003	0.50718033	0.0018385
9mo_SIGAF3_CACACAAAGTATTCCG-1-10x	0.05451988	0.14404021	0.00021164
9mo_SIGAF3_CACACAAAGTCCCGGT-1-10x	0.23834993	0.7985747	0.00088278
9mo_SIGAF3_CACACAAGTTGGAGAC-1-10x	0.21841389	0.7275916	0.0010326
9mo_SIGAF3_CACACAATCGCCGAGT-1-10x	0.03145894	0.06193076	4.83E-05
9mo_SIGAF3_CACAGATAGATTGAGT-1-10x	0.08918516	0.26746738	0.0042295
9mo_SIGAF3_CACAGATGTGTTACAC-1-10x	0.10901876	0.3380857	0.0032165
9mo_SIGAF3_CACCAAAGGGCAATC-1-10x	0.25220445	0.84790426	0.00080028
9mo_SIGAF3_CACCAAAGTTTCGTAG-1-10x	0.1316416	0.41863525	0.001934

9mo_SIGAF3_CACGAATCAAAGCTAA-1-10x	0.0185489	0.01596403	3.49E-05
9mo_SIGAF3_CACGAATGTAGCTGAG-1-10x	0.09424631	0.2854878	0.0044154
9mo_SIGAF3_CACGAATGTCCAAAGG-1-10x	0.01678545	0.00968516	3.38E-05
9mo_SIGAF3_CACGAATGTGTGAGCA-1-10x	0.19701377	0.65139556	0.0012292
9mo_SIGAF3_CACGAATCCGCAGTG-1-10x	0.28440043	0.96253943	0.00075605
9mo_SIGAF3_CACGGGTAGTCATGAA-1-10x	0.08532717	0.25373083	0.0037839
9mo_SIGAF3_CACGGGTCAAGAGGTC-1-10x	0.27361032	0.9241208	0.0007526
9mo_SIGAF3_CACGTGGAGTGAGCCA-1-10x	0.09120406	0.27465573	0.0043535
9mo_SIGAF3_CACGTGGTCGATGGAG-1-10x	0.04675658	0.11639863	0.00010777
9mo_SIGAF3_CACGTTCCAGAGTCAGC-1-10x	0.15240026	0.49254733	0.0018651
9mo_SIGAF3_CACGTTCCAGCAGTAAT-1-10x	0.14868985	0.4793363	0.0018713
9mo_SIGAF3_CACGTTCTCGGACCAC-1-10x	0.23602305	0.79028976	0.00090278
9mo_SIGAF3_CACTGAAAGGGCTAAC-1-10x	0.05179955	0.13435434	0.00016076
9mo_SIGAF3_CACTGAATCCTAGCGG-1-10x	0.21314128	0.70881826	0.0010778
9mo_SIGAF3_CACTGAATCTAAGCGT-1-10x	0.14905548	0.48063812	0.0018705
9mo_SIGAF3_CACTGGGAGAGATTCA-1-10x	0.03592804	0.07784316	5.58E-05
9mo_SIGAF3_CACTGGGAGTCGAATA-1-10x	0.06428095	0.17879489	0.00058553
9mo_SIGAF3_CACTGGGGTTCCGTTC-1-10x	0.0861013	0.25648713	0.0039187
9mo_SIGAF3_CACTGTCCACCCTCTA-1-10x	0.07867349	0.23004012	0.002576
9mo_SIGAF3_CACTTCGAGAAGGGAT-1-10x	0.01796498	0.01388495	3.44E-05
9mo_SIGAF3_CACTTCGTCGTGGCTG-1-10x	0.03294	0.06720414	5.00E-05
9mo_SIGAF3_CAGAGCCAGTTACGTC-1-10x	0.08067261	0.23715807	0.0029431
9mo_SIGAF3_CAGAGCCTCGGTCTGG-1-10x	0.20881176	0.6934028	0.0011177
9mo_SIGAF3_CAGATACGTGGCAACA-1-10x	0.1295397	0.41115138	0.0019639
9mo_SIGAF3_CAGATACGTTAGGAGC-1-10x	0.04841685	0.1223101	0.00012523
9mo_SIGAF3_CAGATCACAAACCGTAT-1-10x	0.22465634	0.7498181	0.00098869
9mo_SIGAF3_CAGATCACACAGCGCT-1-10x	0.07556143	0.21895953	0.001885
9mo_SIGAF3_CAGATCACACTTTATC-1-10x	0.09752978	0.29717872	0.0042943
9mo_SIGAF3_CAGATTGCATTGAGGG-1-10x	0.04682842	0.11665442	0.00010777
9mo_SIGAF3_CAGATTGTCGTGTCAA-1-10x	0.03234188	0.06507448	4.83E-05
9mo_SIGAF3_CAGCAATCACACATA-1-10x	0.07233648	0.20747694	0.0014433
9mo_SIGAF3_CAGCACGAGCGGTAGT-1-10x	0.0839121	0.2486924	0.0034742
9mo_SIGAF3_CAGCACGCAAGAGCTG-1-10x	0.09486698	0.28769773	0.0044051
9mo_SIGAF3_CAGCACGCACTCCTGT-1-10x	0.26592457	0.89675534	0.00075974
9mo_SIGAF3_CAGCACGCAGTCAACT-1-10x	0.04666606	0.11607634	0.00010777
9mo_SIGAF3_CAGCACGTCAATCCA-1-10x	0.16155057	0.52512735	0.0017883
9mo_SIGAF3_CAGCAGCTCAATCGGT-1-10x	0.03731198	0.08277075	6.07E-05
9mo_SIGAF3_CAGCCAGAGACAACAT-1-10x	0.09973765	0.30503994	0.0041652
9mo_SIGAF3_CAGCCAGGTGGACTGA-1-10x	0.0566318	0.15155976	0.000257
9mo_SIGAF3_CAGCGTGAGTAGACCG-1-10x	0.21533662	0.71663487	0.0010625
9mo_SIGAF3_CAGCGTGCAATTTCTC-1-10x	0.08754339	0.26162177	0.0040384

9mo_SIGAF3_CAGCGTGGTTAAAGTG-1-10x	0.01586469	0.00640676	3.33E-05
9mo_SIGAF3_CAGGTATGTACTCCGG-1-10x	0.18020684	0.5915538	0.001475
9mo_SIGAF3_CAGTGCGAGCTCAGAG-1-10x	0.03712563	0.08210723	6.07E-05
9mo_SIGAF3_CAGTGCGCAGCGATTT-1-10x	0.08964511	0.26910502	0.0042295
9mo_SIGAF3_CAGTTAGAGCACAAAT-1-10x	0.1678916	0.5477049	0.0016902
9mo_SIGAF3_CAGTTAGCAGCTGAAG-1-10x	0.19110708	0.63036454	0.0013113
9mo_SIGAF3_CAGTTAGGTAGCTGAG-1-10x	0.28624725	0.96911514	0.00075773
9mo_SIGAF3_CAGTTCCCAAATAAGC-1-10x	0.05380033	0.1414782	0.00019264
9mo_SIGAF3_CAGTTCTCCGGTTCT-1-10x	0.2018334	0.66855603	0.0011792
9mo_SIGAF3_CAGTTCTCTGTGCTC-1-10x	0.05006997	0.1281961	0.00013566
9mo_SIGAF3_CATAAGCTCCTACTGC-1-10x	0.11856373	0.372071	0.0023898
9mo_SIGAF3_CATACCCAACACACT-1-10x	0.0456929	0.11261135	0.00010046
9mo_SIGAF3_CATACCCCACGATTCA-1-10x	0.2754538	0.93068457	0.00075218
9mo_SIGAF3_CATACCTCCTTCTGG-1-10x	0.18547857	0.610324	0.0013959
9mo_SIGAF3_CATACTTAGCTTCTAG-1-10x	0.22415225	0.7480233	0.00098869
9mo_SIGAF3_CATACTTCAGTGACCC-1-10x	0.11928387	0.37463507	0.0023317
9mo_SIGAF3_CATACTTGTGATTGGG-1-10x	0.08387309	0.24855351	0.0034742
9mo_SIGAF3_CATAGACAGAATCCCT-1-10x	0.28131846	0.9515659	0.00075401
9mo_SIGAF3_CATAGACAGGATTTGA-1-10x	0.21784726	0.7255741	0.00104
9mo_SIGAF3_CATAGACCAACATACC-1-10x	0.24074572	0.807105	0.00086997
9mo_SIGAF3_CATAGACGTAAGGGA-1-10x	0.2740182	0.92557305	0.00075233
9mo_SIGAF3_CATAGACTCGTGGAAG-1-10x	0.03492254	0.07426304	5.37E-05
9mo_SIGAF3_CATCAAGCAACAGCTT-1-10x	0.27051347	0.91309434	0.00075418
9mo_SIGAF3_CATCAAGCAGATCACT-1-10x	0.0708349	0.2021305	0.0011935
9mo_SIGAF3_CATCCACGTTGATGTC-1-10x	0.0999403	0.3057615	0.0041652
9mo_SIGAF3_CATCCGTCACGGCACT-1-10x	0.02209747	0.02859883	3.76E-05
9mo_SIGAF3_CATCGCTGTGGTTTAC-1-10x	0.12686884	0.40164167	0.0020256
9mo_SIGAF3_CATCGCTCCTGATAG-1-10x	0.08857019	0.2652777	0.0041422
9mo_SIGAF3_CATCGGGCACCGTGGT-1-10x	0.02589419	0.04211723	4.09E-05
9mo_SIGAF3_CATCGGGTTCGCACAC-1-10x	0.03144566	0.06188348	4.83E-05
9mo_SIGAF3_CATCGGGTCGCATGAT-1-10x	0.23805478	0.7975238	0.00088935
9mo_SIGAF3_CATGAGTGTCCGGA-1-10x	0.04608107	0.11399345	0.00010046
9mo_SIGAF3_CATGCAAAGGATGCGT-1-10x	0.04669895	0.11619343	0.00010777
9mo_SIGAF3_CATGCAACAAGACGAC-1-10x	0.02881238	0.05250755	4.42E-05
9mo_SIGAF3_CATGCAATCCTCGATC-1-10x	0.21862072	0.728328	0.0010326
9mo_SIGAF3_CATGCCTCAGTATACC-1-10x	0.21786717	0.72564495	0.00104
9mo_SIGAF3_CATGCCTCCAATCCC-1-10x	0.01714079	0.01095038	3.38E-05
9mo_SIGAF3_CATGCCTTCTACGGGC-1-10x	0.23832299	0.7984788	0.00088278
9mo_SIGAF3_CATGCTCAGGGCTAAC-1-10x	0.14126952	0.45291588	0.0018734
9mo_SIGAF3_CATGCTCCATTGCTGA-1-10x	0.0879489	0.26306558	0.0041422
9mo_SIGAF3_CATGGATGTAGTCGGA-1-10x	0.05273054	0.13766918	0.00017575

9mo_SIGAF3_CATTCATGTCTCACAA-1-10x	0.28116256	0.9510108	0.00075348
9mo_SIGAF3_CATTCATGTGACAGGT-1-10x	0.20817612	0.6911396	0.0011177
9mo_SIGAF3_CATTCATTCCATGCAA-1-10x	0.08350139	0.24723005	0.0034742
9mo_SIGAF3_CATTCCGGTATCGTTG-1-10x	0.23090675	0.772073	0.00093779
9mo_SIGAF3_CATTCTACATCGTGCG-1-10x	0.05033465	0.12913851	0.00014746
9mo_SIGAF3_CATTGAGGTTGCTAGT-1-10x	0.2683581	0.90542006	0.00075594
9mo_SIGAF3_CATTGCCAGACATAAC-1-10x	0.05671205	0.1518455	0.000257
9mo_SIGAF3_CATTGCCAGGAACCA-1-10x	0.07042801	0.20068176	0.0011935
9mo_SIGAF3_CATTGCCGTCGCTGCA-1-10x	0.02460798	0.03753762	3.91E-05
9mo_SIGAF3_CATTGCCTCCGGCAGT-1-10x	0.19485173	0.64369756	0.0012624
9mo_SIGAF3_CATTGTTAGACGTGCGA-1-10x	0.02383084	0.03477059	3.83E-05
9mo_SIGAF3_CATTGTTAGATTCGAA-1-10x	0.03365029	0.06973313	5.17E-05
9mo_SIGAF3_CATTGTTGTCAACCAT-1-10x	0.11651371	0.36477178	0.0025211
9mo_SIGAF3_CATTGTTGTGACACGA-1-10x	0.02950112	0.05495986	4.42E-05
9mo_SIGAF3_CATTTCAAGCCGATAG-1-10x	0.11186411	0.3482167	0.002929
9mo_SIGAF3_CATTTCAGTGCGGATA-1-10x	0.277624	0.9384117	0.00075239
9mo_SIGAF3_CATTTCATCACTGTTT-1-10x	0.20180018	0.6684378	0.0011792
9mo_SIGAF3_CCAAGCGGTGTGTGTT-1-10x	0.16668235	0.5433993	0.0017206
9mo_SIGAF3_CCAATTTGTGATACAA-1-10x	0.0215831	0.02676741	3.69E-05
9mo_SIGAF3_CCACAAACACAGTCCG-1-10x	0.04653386	0.11560565	0.00010777
9mo_SIGAF3_CCACGAGCATGCTGCG-1-10x	0.05450724	0.1439952	0.00021164
9mo_SIGAF3_CCACGAGGTACACGTT-1-10x	0.09088385	0.2735156	0.0043535
9mo_SIGAF3_CCACGTTAGACCAAGC-1-10x	0.08089525	0.23795079	0.0029431
9mo_SIGAF3_CCACGTTTCACTCGAA-1-10x	0.2811094	0.9508215	0.00075348
9mo_SIGAF3_CCACTTGAGATAGCAT-1-10x	0.28626445	0.96917635	0.00075773
9mo_SIGAF3_CCACTTGAGCTATCCA-1-10x	0.03375036	0.07008943	5.17E-05
9mo_SIGAF3_CCATAAGGTCCGGTCA-1-10x	0.18487549	0.6081767	0.0013959
9mo_SIGAF3_CCATAAGTCTACGCAA-1-10x	0.17442133	0.57095426	0.0015753
9mo_SIGAF3_CCATCACTCTCCGAAA-1-10x	0.02228463	0.02926525	3.76E-05
9mo_SIGAF3_CCCAAGTGTCTACTGA-1-10x	0.02569802	0.04141876	4.00E-05
9mo_SIGAF3_CCCAAGTCAATCCGA-1-10x	0.08105241	0.23851036	0.0029431
9mo_SIGAF3_CCCATTGGTGATTAGA-1-10x	0.02712015	0.04648231	4.19E-05
9mo_SIGAF3_CCCATTGGTGCGTTTA-1-10x	0.24542007	0.82374823	0.00084014
9mo_SIGAF3_CCCGAAGCATTGAGCT-1-10x	0.18420343	0.6057838	0.0014112
9mo_SIGAF3_CCCGAAGTCCATAGAC-1-10x	0.0159315	0.00664463	3.33E-05
9mo_SIGAF3_CCCGAAGTCTGGGCGT-1-10x	0.03708234	0.0819531	6.07E-05
9mo_SIGAF3_CCCGAAAGTTGCCCG-1-10x	0.17682984	0.5795299	0.0015416
9mo_SIGAF3_CCCGAAACAGGGTTGA-1-10x	0.10788427	0.3340463	0.0033168
9mo_SIGAF3_CCCGAAACATTGCTTT-1-10x	0.27258304	0.9204631	0.000753
9mo_SIGAF3_CCCGAAAGTACTCGCG-1-10x	0.19176303	0.6327001	0.0012985
9mo_SIGAF3_CCCGAAAGTGGTCTCG-1-10x	0.04974688	0.12704572	0.00013566

9mo_SIGAF3_CCCTAACCAGCACCCA-1-10x	0.02377327	0.03456559	3.83E-05
9mo_SIGAF3_CCCTAACTCCGGCTTT-1-10x	0.23588835	0.7898101	0.00090278
9mo_SIGAF3_CCCTCAACAATACGAA-1-10x	0.22696957	0.75805444	0.00096676
9mo_SIGAF3_CCCTCAACACAACGAG-1-10x	0.0339226	0.07070271	5.17E-05
9mo_SIGAF3_CCCTCAAGTGCCTCA-1-10x	0.04695042	0.1170888	0.00010777
9mo_SIGAF3_CCCTCTCAGAAAGCGA-1-10x	0.24791399	0.8326279	0.00082396
9mo_SIGAF3_CCCTCTCAGCTGAGTG-1-10x	0.24636818	0.827124	0.00083459
9mo_SIGAF3_CCCTCTCCAACTAAG-1-10x	0.18659905	0.61431354	0.0013662
9mo_SIGAF3_CCCTCTCTCTCAATCT-1-10x	0.09021333	0.27112818	0.0042999
9mo_SIGAF3_CCCTGATCAATGGGTG-1-10x	0.01797929	0.01393591	3.44E-05
9mo_SIGAF3_CCCTTAGCAGGACTAG-1-10x	0.2719423	0.91818166	0.000753
9mo_SIGAF3_CCCTTAGCAGTCGGAA-1-10x	0.04273239	0.10207033	8.29E-05
9mo_SIGAF3_CCCTTAGGTGATGAAT-1-10x	0.09638435	0.29310036	0.0043435
9mo_SIGAF3_CCCTTAGTCCACAGCG-1-10x	0.1937093	0.6396299	0.0012741
9mo_SIGAF3_CCCTTAGTCGCTGTCT-1-10x	0.14325246	0.45997623	0.0018716
9mo_SIGAF3_CCGAACGGTCTTCATT-1-10x	0.10301372	0.3167045	0.0038193
9mo_SIGAF3_CCGATCTTCGAGAATA-1-10x	0.02116158	0.02526658	3.69E-05
9mo_SIGAF3_CCGCAAGGTGCCTAG-1-10x	0.09978605	0.30521226	0.0041652
9mo_SIGAF3_CCGCAAGGTTGCATTG-1-10x	0.21741752	0.72404397	0.0010475
9mo_SIGAF3_CCGCAAGTCGCCAACG-1-10x	0.19830187	0.6559819	0.0012187
9mo_SIGAF3_CCGCAAGTCTGCTTTA-1-10x	0.16370967	0.5328149	0.001763
9mo_SIGAF3_CCGCAAGTCTTGGTGA-1-10x	0.0206072	0.02329268	3.62E-05
9mo_SIGAF3_CCGGGTAAGCAGGGAG-1-10x	0.07753097	0.22597213	0.0023954
9mo_SIGAF3_CCGGGTAAGCGATGGT-1-10x	0.04981534	0.12728949	0.00013566
9mo_SIGAF3_CCGGGTAGTCTTCAAG-1-10x	0.04277005	0.10220444	8.29E-05
9mo_SIGAF3_CCGGTAGCACACCTTC-1-10x	0.03228673	0.06487812	4.83E-05
9mo_SIGAF3_CCGGTAGGTGAACTAA-1-10x	0.09854897	0.3008076	0.0042345
9mo_SIGAF3_CCGGTAGGTTTCCATT-1-10x	0.24638775	0.8271937	0.00083459
9mo_SIGAF3_CCGGTGAGTATGGTTC-1-10x	0.0345716	0.07301349	5.37E-05
9mo_SIGAF3_CCGGTGAGTCGAATGG-1-10x	0.03893317	0.08854307	6.36E-05
9mo_SIGAF3_CCGTAGGAGCGATGAC-1-10x	0.04128905	0.09693126	7.40E-05
9mo_SIGAF3_CCGTGAGCAGCGCGTT-1-10x	0.04844246	0.12240128	0.00012523
9mo_SIGAF3_CCGTTCAAGCCTCTCT-1-10x	0.04507767	0.11042082	9.39E-05
9mo_SIGAF3_CCTAACCAGCGTACAG-1-10x	0.11123045	0.34596053	0.0030221
9mo_SIGAF3_CCTAACCGTCATCTAG-1-10x	0.01649112	0.00863718	3.38E-05
9mo_SIGAF3_CCTAAGACACCCAATA-1-10x	0.0218952	0.02787866	3.69E-05
9mo_SIGAF3_CCTAAGAGTACGTGAG-1-10x	0.28628847	0.9692619	0.00075773
9mo_SIGAF3_CCTAAGAGTAGACACG-1-10x	0.11513551	0.35986465	0.002594
9mo_SIGAF3_CCTAAGATCATACGAC-1-10x	0.10113996	0.31003293	0.0040036
9mo_SIGAF3_CCTACGTTTCGACACTA-1-10x	0.03438796	0.07235964	5.37E-05
9mo_SIGAF3_CCTATCGAGCCAAGCA-1-10x	0.03642926	0.07962777	5.82E-05

9mo_SIGAF3_CCTCACAGTCTAGGCC-1-10x	0.06791078	0.19171906	0.00088537
9mo_SIGAF3_CCTCACAGTTATCTGG-1-10x	0.0357709	0.07728365	5.58E-05
9mo_SIGAF3_CCTCAGTTCAATCTCT-1-10x	0.01652885	0.00877154	3.38E-05
9mo_SIGAF3_CCTCAGTTCACCATCC-1-10x	0.2448232	0.821623	0.00084014
9mo_SIGAF3_CCTCAGTTCGGAGTAG-1-10x	0.0190819	0.01786179	3.49E-05
9mo_SIGAF3_CCTCAGTTCGTCGCTT-1-10x	0.05289311	0.13824801	0.00017575
9mo_SIGAF3_CCTCATGAGGGTGGGA-1-10x	0.01897875	0.01749452	3.49E-05
9mo_SIGAF3_CCTCCAACAACACTGCCG-1-10x	0.04407391	0.10684688	8.81E-05
9mo_SIGAF3_CCTCCAACAGCTCTGG-1-10x	0.2121242	0.7051969	0.0010856
9mo_SIGAF3_CCTCCAACATGGCCCA-1-10x	0.20068297	0.6644599	0.0011888
9mo_SIGAF3_CCTCCAACATTTCGATG-1-10x	0.0903156	0.27149233	0.0042999
9mo_SIGAF3_CCTCCAAGTTCAGTAC-1-10x	0.05625699	0.15022524	0.000257
9mo_SIGAF3_CCTCCTCCACAGCATT-1-10x	0.18665425	0.6145101	0.0013662
9mo_SIGAF3_CCTCCTCCAGGATGAC-1-10x	0.0587591	0.15913413	0.00034795
9mo_SIGAF3_CCTCTAGGTACGTTCA-1-10x	0.08951296	0.2686345	0.0042295
9mo_SIGAF3_CCTCTAGGTTGTTGCA-1-10x	0.26807812	0.9044232	0.00075705
9mo_SIGAF3_CCTCTCCCAGGAGGAG-1-10x	0.06017001	0.16415773	0.00038577
9mo_SIGAF3_CCTGCATCAGTTCACA-1-10x	0.02638072	0.04384952	4.09E-05
9mo_SIGAF3_CCTGCATTCCGTGTCT-1-10x	0.2883223	0.9765034	0.0007596
9mo_SIGAF3_CCTGCATTCCGCCGAGT-1-10x	0.1512766	0.48854652	0.0018676
9mo_SIGAF3_CCTGTTGAGGTTAGTA-1-10x	0.11804709	0.37023145	0.0023898
9mo_SIGAF3_CCTGTTGAGTGCGCTC-1-10x	0.09728779	0.2963171	0.0042943
9mo_SIGAF3_CCTGTTGCAGGCCTGT-1-10x	0.01951904	0.01941823	3.55E-05
9mo_SIGAF3_CCTGTTGGTGACTCGC-1-10x	0.096642	0.29401773	0.0043435
9mo_SIGAF3_CCTGTTGTCAAGTGGG-1-10x	0.03045109	0.05834227	4.55E-05
9mo_SIGAF3_CCTTCAGTCGTCAACA-1-10x	0.21928087	0.7306785	0.0010326
9mo_SIGAF3_CCTTCAGTCTAACACG-1-10x	0.11870954	0.37259015	0.0023898
9mo_SIGAF3_CCTTGTGCAAGTATCC-1-10x	0.08295149	0.24527213	0.0033032
9mo_SIGAF3_CCTTGTGCAGTACTAC-1-10x	0.07687396	0.22363283	0.0022191
9mo_SIGAF3_CCTTGTGTCATTGGTG-1-10x	0.04783795	0.12024891	0.00011598
9mo_SIGAF3_CCTTGTGTCCATTTGT-1-10x	0.11433592	0.35701767	0.0026715
9mo_SIGAF3_CCTTTGGTCCGCATTA-1-10x	0.04669471	0.11617835	0.00010777
9mo_SIGAF3_CGAAGTTGTGCGACTTA-1-10x	0.09135017	0.27517596	0.0043535
9mo_SIGAF3_CGAAGTTTCCTATGGA-1-10x	0.08295821	0.24529605	0.0033032
9mo_SIGAF3_CGAAGTTTCGCGAAGA-1-10x	0.03678431	0.08089194	5.82E-05
9mo_SIGAF3_CGAAGTTTCTAACGGT-1-10x	0.02272386	0.03082912	3.76E-05
9mo_SIGAF3_CGAATTGCATCGGATT-1-10x	0.09391611	0.2843121	0.0044154
9mo_SIGAF3_CGACAGCGTTCTAACG-1-10x	0.0834074	0.2468954	0.0034742
9mo_SIGAF3_CGACAGCTCGTGACGC-1-10x	0.03917498	0.08940404	6.67E-05
9mo_SIGAF3_CGAGAAGGTCTGATCA-1-10x	0.04915561	0.12494047	0.00012523
9mo_SIGAF3_CGAGAAGGTGATCGTT-1-10x	0.03553781	0.07645373	5.58E-05

9mo_SIGAF3_CGAGAAGTCAGGCGAA-1-10x	0.01633864	0.00809429	3.33E-05
9mo_SIGAF3_CGAGAAGTCTAGCCAA-1-10x	0.24814615	0.83345455	0.00082396
9mo_SIGAF3_CGAGGAACATTGTAGC-1-10x	0.08201919	0.24195261	0.0031253
9mo_SIGAF3_CGAGGAATCATCGTAG-1-10x	0.25906482	0.87233096	0.00077499
9mo_SIGAF3_CGAGGAATCGGAATGG-1-10x	0.19578476	0.6470196	0.0012511
9mo_SIGAF3_CGAGGCTGTTCAAAGA-1-10x	0.16213642	0.52721334	0.001776
9mo_SIGAF3_CGAGTGCCAACGCCCA-1-10x	0.21607432	0.71926147	0.001055
9mo_SIGAF3_CGAGTGCCACTACCGG-1-10x	0.02998501	0.05668275	4.55E-05
9mo_SIGAF3_CGAGTGCTCGTTAGT-1-10x	0.13784263	0.4407143	0.0018802
9mo_SIGAF3_CGAGTTAAGGAGGGTG-1-10x	0.07364424	0.21213329	0.0015819
9mo_SIGAF3_CGAGTTAGTGGAGGTT-1-10x	0.05037221	0.12927222	0.00014746
9mo_SIGAF3_CGCAGGTAGATACATG-1-10x	0.09605192	0.29191676	0.0043808
9mo_SIGAF3_CGCAGGTCAACGATTC-1-10x	0.10950273	0.3398089	0.0031181
9mo_SIGAF3_CGCATAACAAACCATC-1-10x	0.0274327	0.04759514	4.19E-05
9mo_SIGAF3_CGCATAATCCCTCGAT-1-10x	0.02364987	0.03412624	3.83E-05
9mo_SIGAF3_CGCATGGAGCTTTGTG-1-10x	0.02139178	0.02608622	3.69E-05
9mo_SIGAF3_CGCATGGCACAGAGCA-1-10x	0.14975557	0.4831308	0.0018705
9mo_SIGAF3_CGCCAGAAGAACCCGA-1-10x	0.11104196	0.34528938	0.0030221
9mo_SIGAF3_CGCCAGAAGCGAAACC-1-10x	0.11291207	0.35194802	0.0028393
9mo_SIGAF3_CGCCAGACATCATTTTC-1-10x	0.01543581	0.00487973	3.27E-05
9mo_SIGAF3_CGCCAGAGTTCAGCGC-1-10x	0.24275367	0.8142544	0.00085764
9mo_SIGAF3_CGGAACCAGGCCACT-1-10x	0.04154591	0.09784582	7.40E-05
9mo_SIGAF3_CGGAACCGTAGTTAGA-1-10x	0.03310844	0.06780385	5.00E-05
9mo_SIGAF3_CGGAACCTCCATCTCG-1-10x	0.17284873	0.56535494	0.0016089
9mo_SIGAF3_CGGAACCTCGATACTG-1-10x	0.01828655	0.01502992	3.44E-05
9mo_SIGAF3_CGGACACCACCAGCCA-1-10x	0.05233766	0.13627031	0.00017575
9mo_SIGAF3_CGGACACCAGGAGGTT-1-10x	0.04611405	0.11411088	0.00010046
9mo_SIGAF3_CGGACACCAGGCGTTC-1-10x	0.2283563	0.76299196	0.00095947
9mo_SIGAF3_CGGACACTCGGAAGGT-1-10x	0.01981982	0.02048917	3.55E-05
9mo_SIGAF3_CGGACACTCTTAGCTT-1-10x	0.24610546	0.82618856	0.00083459
9mo_SIGAF3_CGGCAGTGTGGATCT-1-10x	0.02156922	0.026718	3.69E-05
9mo_SIGAF3_CGGCAGTTCAAGCTGT-1-10x	0.11296412	0.35213333	0.0028393
9mo_SIGAF3_CGGGACTGTACCCGCA-1-10x	0.1605211	0.5214619	0.0018
9mo_SIGAF3_CGGGACTTCTCCCTAG-1-10x	0.01667333	0.00928597	3.38E-05
9mo_SIGAF3_CGGGCATCATGAATAG-1-10x	0.25809667	0.8688838	0.000778
9mo_SIGAF3_CGGGTCAAGGGTCACA-1-10x	0.01776628	0.01317746	3.44E-05
9mo_SIGAF3_CGGGTCAAGGGTCACA-1-10x	0.282677	0.9564031	0.00075462
9mo_SIGAF3_CGGGTGTCAGAGGGTT-1-10x	0.10395387	0.32005197	0.0037215
9mo_SIGAF3_CGGTCAGGTAGAGTTA-1-10x	0.23776875	0.7965054	0.00088935
9mo_SIGAF3_CGTAAGTAGAGAGGGC-1-10x	0.28218865	0.9546643	0.00075401
9mo_SIGAF3_CGTAAGTTCAAATAGG-1-10x	0.1073723	0.33222342	0.0034182

9mo_SIGAF3_CGTAAGTTCCGGCAGT-1-10x	0.02046864	0.02279934	3.62E-05
9mo_SIGAF3_CGTAAGTTCTGAGCAT-1-10x	0.06754232	0.19040714	0.00088537
9mo_SIGAF3_CGTAATGGTTACGCCG-1-10x	0.07923482	0.23203874	0.002576
9mo_SIGAF3_CGTCAAAGGGCGCTTC-1-10x	0.21523309	0.7162662	0.0010625
9mo_SIGAF3_CGTCAAAGGGATCTG-1-10x	0.14939632	0.48185167	0.0018705
9mo_SIGAF3_CGTCAAAGTTCAAGGG-1-10x	0.19554365	0.64616114	0.0012511
9mo_SIGAF3_CGTCAAATCTTTCAGT-1-10x	0.27370405	0.9244545	0.0007526
9mo_SIGAF3_CGTCCATCAGCGGATA-1-10x	0.04641791	0.1151928	0.00010046
9mo_SIGAF3_CGTCCATTCAAGTGTC-1-10x	0.1782366	0.5845387	0.0015081
9mo_SIGAF3_CGTCCATTCTTCACAT-1-10x	0.09258337	0.2795668	0.0044107
9mo_SIGAF3_CGTGAATAGAGGATGA-1-10x	0.27341384	0.9234212	0.0007526
9mo_SIGAF3_CGTGAATAGTTCTACG-1-10x	0.01864762	0.01631553	3.49E-05
9mo_SIGAF3_CGTGAATTCGAAGTGG-1-10x	0.2695321	0.90960014	0.00075499
9mo_SIGAF3_CGTGAATTCTCGGGAC-1-10x	0.01584072	0.00632143	3.33E-05
9mo_SIGAF3_CGTGATAGTGCAACAG-1-10x	0.25789717	0.8681735	0.000778
9mo_SIGAF3_CGTGCTTCAATTAGGA-1-10x	0.09323917	0.28190184	0.0044107
9mo_SIGAF3_CGTGCTTGTGACGCCT-1-10x	0.02469928	0.0378627	3.91E-05
9mo_SIGAF3_CGTGCTTTCAAATGCC-1-10x	0.02917528	0.05379969	4.42E-05
9mo_SIGAF3_CGTGCTTTCCTTCTAA-1-10x	0.03893816	0.08856081	6.36E-05
9mo_SIGAF3_CGTGTCTCACTCCACT-1-10x	0.25791782	0.868247	0.000778
9mo_SIGAF3_CGTGTCTTCGTACACA-1-10x	0.01926436	0.01851144	3.55E-05
9mo_SIGAF3_CGTTAGAAGAGGTGCT-1-10x	0.05398048	0.14211963	0.00019264
9mo_SIGAF3_CGTTAGACATTGAGGG-1-10x	0.01862099	0.01622067	3.49E-05
9mo_SIGAF3_CGTTCTGAGCATCAGG-1-10x	0.02965653	0.0555132	4.55E-05
9mo_SIGAF3_CGTTGGGCAGTCGGAA-1-10x	0.25939694	0.87351346	0.00077499
9mo_SIGAF3_CGTTGGGGTGCCTGCT-1-10x	0.25700197	0.86498606	0.00078121
9mo_SIGAF3_CGTTGGGTCGGAACCTT-1-10x	0.1395913	0.44694054	0.001875
9mo_SIGAF3_CTAACCCAGAAACCG-1-10x	0.04311397	0.10342898	8.29E-05
9mo_SIGAF3_CTAACCCGTGCGACAA-1-10x	0.11707484	0.36676973	0.002453
9mo_SIGAF3_CTAACCCGTTCTAAG-1-10x	0.24947453	0.8381843	0.00081397
9mo_SIGAF3_CTAAGTTAGGGTTAAT-1-10x	0.04370256	0.10552466	8.81E-05
9mo_SIGAF3_CTAAGTTCAATGAACA-1-10x	0.11011949	0.34200493	0.0031181
9mo_SIGAF3_CTAAGTTGTCTGGTGTC-1-10x	0.02537487	0.04026815	4.00E-05
9mo_SIGAF3_CTAAGTTTCTGCAGCG-1-10x	0.15531345	0.50291985	0.0018522
9mo_SIGAF3_CTAAGTGAGACTCATC-1-10x	0.01670381	0.00939451	3.38E-05
9mo_SIGAF3_CTAAGTGAGTCCCAAT-1-10x	0.04296741	0.10290712	8.29E-05
9mo_SIGAF3_CTAAGTGGTTACGTAC-1-10x	0.09912005	0.30284095	0.0041652
9mo_SIGAF3_CTACAGAAGCTCGACC-1-10x	0.02348135	0.03352619	3.83E-05
9mo_SIGAF3_CTACATTAGTATGGCG-1-10x	0.01764952	0.01276174	3.44E-05
9mo_SIGAF3_CTACATTCAAGGCCTC-1-10x	0.11189064	0.34831116	0.002929
9mo_SIGAF3_CTACATTGTAACAGTA-1-10x	0.07899497	0.23118478	0.002576

9mo_SIGAF3_CTACCCAAGTCCGCGT-1-10x	0.0378341	0.08462979	6.07E-05
9mo_SIGAF3_CTACGGGTCCGCTGTT-1-10x	0.08440822	0.25045887	0.0036353
9mo_SIGAF3_CTAGACAAGTCATGAA-1-10x	0.01986009	0.02063258	3.55E-05
9mo_SIGAF3_CTAGGTACATCCTTGC-1-10x	0.11251548	0.35053593	0.0028393
9mo_SIGAF3_CTAGGTATCACGATCA-1-10x	0.04765185	0.11958628	0.00011598
9mo_SIGAF3_CTAGGTATCATCCCGT-1-10x	0.03644645	0.07968898	5.82E-05
9mo_SIGAF3_CTAGGTATCCAAGTGA-1-10x	0.05332059	0.13977009	0.00019264
9mo_SIGAF3_CTATAGGAGGTGCCTC-1-10x	0.01984836	0.02059078	3.55E-05
9mo_SIGAF3_CTATAGGCAAGCTACT-1-10x	0.0826693	0.24426737	0.0033032
9mo_SIGAF3_CTATAGGTCCACAAGT-1-10x	0.06892104	0.19531614	0.00097948
9mo_SIGAF3_CTATAGGTCCCGAGAC-1-10x	0.0176176	0.01264809	3.44E-05
9mo_SIGAF3_CTATCCGAGTATGACA-1-10x	0.06788783	0.19163732	0.00088537
9mo_SIGAF3_CTATCTACACAGCTGC-1-10x	0.2828734	0.95710236	0.00075462
9mo_SIGAF3_CTATCTACATGGGCAA-1-10x	0.22599848	0.7545968	0.00097406
9mo_SIGAF3_CTCAACCAGTTTGTGCG-1-10x	0.0406119	0.09452026	7.01E-05
9mo_SIGAF3_CTCAACCCACGATAGG-1-10x	0.02407841	0.03565207	3.91E-05
9mo_SIGAF3_CTCAACCCATAGGCGA-1-10x	0.07328738	0.21086264	0.0015819
9mo_SIGAF3_CTCAATTAGTATCCTG-1-10x	0.24883501	0.8359073	0.00081888
9mo_SIGAF3_CTCAATTTCCATTGTT-1-10x	0.08573675	0.25518915	0.0037839
9mo_SIGAF3_CTCAGTACTGAGTGCCT-1-10x	0.07181764	0.20562957	0.0013138
9mo_SIGAF3_CTCAGTACTGCAATCAAGA-1-10x	0.05320674	0.1393647	0.00019264
9mo_SIGAF3_CTCAGTACTGCATGGTACT-1-10x	0.08912493	0.26725292	0.0042295
9mo_SIGAF3_CTCAGAAGTCCGCAGT-1-10x	0.08354691	0.24739212	0.0034742
9mo_SIGAF3_CTCAGAATCTGACCCT-1-10x	0.28804016	0.97549886	0.0007596
9mo_SIGAF3_CTCAGGGTCCGAGATT-1-10x	0.01761848	0.01265122	3.44E-05
9mo_SIGAF3_CTCAGGGTCTCGTCAC-1-10x	0.05091025	0.13118795	0.00014746
9mo_SIGAF3_CTCAGTCTCGCCTAG-1-10x	0.02575142	0.04160887	4.00E-05
9mo_SIGAF3_CTCAGTCTCCGAACGC-1-10x	0.04429564	0.10763634	8.81E-05
9mo_SIGAF3_CTCATCGAGCACTGGA-1-10x	0.26961157	0.9098831	0.00075499
9mo_SIGAF3_CTCATCGCACTTCATT-1-10x	0.10065013	0.30828887	0.0040879
9mo_SIGAF3_CTCATCGCAGGCTATT-1-10x	0.02659692	0.04461934	4.09E-05
9mo_SIGAF3_CTCATCGGTGCGAACA-1-10x	0.02427712	0.03635956	3.91E-05
9mo_SIGAF3_CTCATCGTCTACACAG-1-10x	0.01724162	0.01130937	3.38E-05
9mo_SIGAF3_CTCATGCCATAGATCC-1-10x	0.19788285	0.65448993	0.0012187
9mo_SIGAF3_CTCATGCCATTGCCTC-1-10x	0.08434103	0.25021964	0.0036353
9mo_SIGAF3_CTCATGCGTCCCACGA-1-10x	0.1109348	0.34490785	0.0030221
9mo_SIGAF3_CTCATTACAAGCAATA-1-10x	0.08433847	0.25021052	0.0036353
9mo_SIGAF3_CTCATTAGTAGAGGAA-1-10x	0.01561367	0.00551299	3.33E-05
9mo_SIGAF3_CTCCACACAGCACACC-1-10x	0.12127791	0.38173494	0.0022308
9mo_SIGAF3_CTCCATGGTGCACAAG-1-10x	0.08574146	0.25520593	0.0037839
9mo_SIGAF3_CTCCCAAAGAACGCGT-1-10x	0.11060217	0.3437235	0.0030221

9mo_SIGAF3_CTCCCTCCAAGTCCCG-1-10x	0.02011987	0.02155753	3.55E-05
9mo_SIGAF3_CTCCCTCCAGTCATA-1-10x	0.02524823	0.03981725	4.00E-05
9mo_SIGAF3_CTCCCTCCAGCTCGGT-1-10x	0.23748854	0.79550767	0.00088935
9mo_SIGAF3_CTCCGATAGCACAAAT-1-10x	0.02344671	0.03340288	3.83E-05
9mo_SIGAF3_CTCCGATAGGCTGTAG-1-10x	0.09844523	0.30043823	0.0042345
9mo_SIGAF3_CTCCGATTCAGCAATC-1-10x	0.04610851	0.11409116	0.00010046
9mo_SIGAF3_CTCCGATTCGCCAGA-1-10x	0.10289075	0.3162667	0.0038193
9mo_SIGAF3 CTCCTCCAGCGCTGCT-1-10x	0.21865927	0.72846526	0.0010326
9mo_SIGAF3 CTCCTCCTCGTTCCCA-1-10x	0.06215331	0.17121932	0.00047505
9mo_SIGAF3 CTCCTTTCAAGTCCCG-1-10x	0.08985756	0.26986146	0.0042999
9mo_SIGAF3 CTCGAGGAGTCACTGT-1-10x	0.02201348	0.0282998	3.69E-05
9mo_SIGAF3 CTCGAGGCACGTACAT-1-10x	0.05582824	0.14869866	0.000233
9mo_SIGAF3 CTCGAGGCAGCGCTTG-1-10x	0.20299734	0.67270035	0.0011699
9mo_SIGAF3 CTCGAGGCATCAACCA-1-10x	0.02907833	0.05345449	4.42E-05
9mo_SIGAF3 CTCGAGGCATCACCAA-1-10x	0.04956275	0.12639011	0.00013566
9mo_SIGAF3 CTCTCAGAGCGATCGA-1-10x	0.17717609	0.5807627	0.0015248
9mo_SIGAF3 CTCTCAGCATGTACGT-1-10x	0.02855762	0.05160049	4.30E-05
9mo_SIGAF3 CTCTCAGTCTCCGCAT-1-10x	0.03388657	0.07057442	5.17E-05
9mo_SIGAF3 CTCTCGAAGTGCCCGT-1-10x	0.0357579	0.07723738	5.58E-05
9mo_SIGAF3 CTCTCGAGTAACAGGC-1-10x	0.03095891	0.06015037	4.68E-05
9mo_SIGAF3 CTCTCGAGTTCTTGTT-1-10x	0.19922122	0.6592553	0.0012085
9mo_SIGAF3 CTCTCGATCCTGTTAT-1-10x	0.04224885	0.10034866	7.82E-05
9mo_SIGAF3 CTGAGCGAGCGTTCCG-1-10x	0.15766133	0.5112796	0.0018302
9mo_SIGAF3 CTGAGGCCATGATCTG-1-10x	0.25208575	0.84748167	0.00080467
9mo_SIGAF3 CTGATCCATTAAGCC-1-10x	0.03362717	0.06965083	5.17E-05
9mo_SIGAF3 CTGCAGGAGTAACAGT-1-10x	0.1775206	0.58198935	0.0015248
9mo_SIGAF3 CTGCAGGCACTGTCCT-1-10x	0.05281492	0.13796961	0.00017575
9mo_SIGAF3 CTGCAGGCAGCGTACC-1-10x	0.08850718	0.26505336	0.0041422
9mo_SIGAF3 CTGCATCGTCAGCTTA-1-10x	0.24156278	0.8100142	0.00086374
9mo_SIGAF3 CTGCATCGTTGCATAC-1-10x	0.0196697	0.01995465	3.55E-05
9mo_SIGAF3 CTGCGAGGTATGAGGC-1-10x	0.17802176	0.58377373	0.0015081
9mo_SIGAF3 CTGCGAGGTGTCTCCT-1-10x	0.05023426	0.12878107	0.00014746
9mo_SIGAF3 CTGCGAGTCTCGTCGT-1-10x	0.27797452	0.9396597	0.00075239
9mo_SIGAF3 CTGGACGGTGACTGTT-1-10x	0.04573323	0.11275496	0.00010046
9mo_SIGAF3 CTGGACGGTGCTGCAC-1-10x	0.14563306	0.46845245	0.0018716
9mo_SIGAF3 CTGGCAGCACCCAGCCA-1-10x	0.04517989	0.11078477	9.39E-05
9mo_SIGAF3 CTGGCAGGTAACGTTC-1-10x	0.25039947	0.8414776	0.00080923
9mo_SIGAF3 CTGGCAGGTAACACTCAAC-1-10x	0.0870305	0.2597956	0.0040384
9mo_SIGAF3 CTGGTCTAGTCCGCCA-1-10x	0.09477298	0.28736302	0.0044051
9mo_SIGAF3 CTGTACCGTAATACCC-1-10x	0.04176801	0.09863663	7.40E-05
9mo_SIGAF3 CTGTACCTCGCAATTG-1-10x	0.06848589	0.19376674	0.00097948

9mo_SIGAF3_CTGTATTTCTTCTGGC-1-10x	0.06750154	0.19026193	0.00088537
9mo_SIGAF3_CTGTCTGTCAACACT-1-10x	0.0319395	0.06364179	4.83E-05
9mo_SIGAF3_CTGTCTGTACGACC-1-10x	0.26150492	0.881019	0.00076963
9mo_SIGAF3_CTGTGAAGTTTGACAC-1-10x	0.0200397	0.02127208	3.55E-05
9mo_SIGAF3_CTGTGGGAGTAGATCA-1-10x	0.03831342	0.0863364	6.36E-05
9mo_SIGAF3_CTGTGGGCACCTATC-1-10x	0.08943166	0.26834503	0.0042295
9mo_SIGAF3_CTGTGGGCATCTCAAG-1-10x	0.11518236	0.3600315	0.002594
9mo_SIGAF3_CTGTGGGGTGCAGATG-1-10x	0.01961567	0.01976229	3.55E-05
9mo_SIGAF3_CTGTGGGTCTAGGGTAG-1-10x	0.01795678	0.01385575	3.44E-05
9mo_SIGAF3_CTGTGGGTCTACCTTA-1-10x	0.17186293	0.56184494	0.0016256
9mo_SIGAF3_CTTAGGAAGTCCCAAT-1-10x	0.02786334	0.04912846	4.30E-05
9mo_SIGAF3_CTTAGGAGTGTGACCC-1-10x	0.05497387	0.14565665	0.000233
9mo_SIGAF3_CTTCAATTCAAGCCCG-1-10x	0.07538749	0.2183402	0.001885
9mo_SIGAF3_CTTCTTCAATGGCCC-1-10x	0.14719023	0.47399682	0.0018716
9mo_SIGAF3_CTTCTTTCCATCACC-1-10x	0.03324214	0.06827989	5.00E-05
9mo_SIGAF3_CTTCTCGGTATTGCTTT-1-10x	0.20400399	0.67628455	0.0011608
9mo_SIGAF3_CTTCTAAAGTGCAACG-1-10x	0.030362	0.05802505	4.55E-05
9mo_SIGAF3_CTTCTAAAGTTCGGTT-1-10x	0.2520246	0.8472639	0.00080467
9mo_SIGAF3_CTTCTAACATAGGTTT-1-10x	0.15365511	0.4970153	0.0018575
9mo_SIGAF3_CTTCTAAGTGATACTC-1-10x	0.16434924	0.5350922	0.0017494
9mo_SIGAF3_CTTGAGAAGCATGCGA-1-10x	0.0294657	0.05483374	4.42E-05
9mo_SIGAF3_CTTGAGATCATTGAGC-1-10x	0.1787824	0.58648205	0.0015081
9mo_SIGAF3_CTTGATTCATAACGT-1-10x	0.01849088	0.01575745	3.49E-05
9mo_SIGAF3_CTTGATTCATCATTTT-1-10x	0.05641046	0.15077169	0.000257
9mo_SIGAF3_CTTTCGGAGCCTTTCC-1-10x	0.0846545	0.25133574	0.0036353
9mo_SIGAF3_GAAACCTTCACTGGGC-1-10x	0.02999997	0.05673601	4.55E-05
9mo_SIGAF3_GAAACCTTCCGGCAGT-1-10x	0.16631399	0.54208773	0.0017206
9mo_SIGAF3_GAAATGAAGCTGACCC-1-10x	0.09379181	0.2838695	0.0044154
9mo_SIGAF3_GAAATGAGTTCGCGTG-1-10x	0.10198475	0.31304082	0.0039137
9mo_SIGAF3_GAAATGATCAACCTCC-1-10x	0.01984925	0.02059396	3.55E-05
9mo_SIGAF3_GAACACTTCACAGAGG-1-10x	0.09425784	0.28552884	0.0044154
9mo_SIGAF3_GAACGTTGTGCCCGTA-1-10x	0.14505972	0.46641105	0.0018716
9mo_SIGAF3_GAACGTTGTTAGAAGT-1-10x	0.23212664	0.7764164	0.00093066
9mo_SIGAF3_GAACGTTTCATCACCC-1-10x	0.23094535	0.77221036	0.00093779
9mo_SIGAF3_GAACTGTCAACCCTCT-1-10x	0.09467015	0.28699687	0.0044051
9mo_SIGAF3_GAACTGTGTTACGAT-1-10x	0.04221323	0.10022185	7.82E-05
9mo_SIGAF3_GAACTGTTCACTGTCC-1-10x	0.24943325	0.8380373	0.00081397
9mo_SIGAF3_GAAGCCCAGGCGAACT-1-10x	0.02374489	0.03446455	3.83E-05
9mo_SIGAF3_GAAGCCCGTTCAAGGG-1-10x	0.07382742	0.21278548	0.0017292
9mo_SIGAF3_GAAGCCCTCTACGCGG-1-10x	0.0909224	0.27365288	0.0043535
9mo_SIGAF3_GAAGCGACAGTAACAA-1-10x	0.01882584	0.01695005	3.49E-05

9mo_SIGAF3_GAAGCGATCAGCCTCT-1-10x	0.23683214	0.7931706	0.00089602
9mo_SIGAF3_GAAGGGTAGGCACAAC-1-10x	0.02069311	0.02359857	3.62E-05
9mo_SIGAF3_GAAGGGTCCGCACGA-1-10x	0.25085905	0.84311396	0.00080923
9mo_SIGAF3_GAAGTAAGTAGGCAAC-1-10x	0.03064342	0.05902707	4.68E-05
9mo_SIGAF3_GAAGTAAGTGCCCTTT-1-10x	0.01796527	0.01388598	3.44E-05
9mo_SIGAF3_GAAGTAATCAGTGTGT-1-10x	0.03752459	0.08352773	6.07E-05
9mo_SIGAF3_GAAGTAATCCGTCCT-1-10x	0.11149392	0.34689865	0.002929
9mo_SIGAF3_GAATAGAAGACGATAT-1-10x	0.22130264	0.73787713	0.0010106
9mo_SIGAF3_GAATAGACAATGAACA-1-10x	0.26736423	0.90188134	0.00075705
9mo_SIGAF3_GAATAGAGTCCAGCGT-1-10x	0.09687432	0.29484493	0.0043435
9mo_SIGAF3_GAATCACAGATCGGTG-1-10x	0.22708118	0.7584518	0.00096676
9mo_SIGAF3_GAATCACCACACGGAA-1-10x	0.11160779	0.34730408	0.002929
9mo_SIGAF3_GAATCACTCTGCGGGT-1-10x	0.01976479	0.02029325	3.55E-05
9mo_SIGAF3_GAATCGTCAAGGTCTT-1-10x	0.12908235	0.40952298	0.0019821
9mo_SIGAF3_GAATCGTTCAGTCCGG-1-10x	0.05148181	0.13322301	0.00016076
9mo_SIGAF3_GACACGCCATGTGACT-1-10x	0.05009432	0.1282828	0.00013566
9mo_SIGAF3_GACACGCTCGCATGAT-1-10x	0.0956366	0.29043797	0.0043808
9mo_SIGAF3_GACAGCCCAAGTACCT-1-10x	0.02057882	0.02319162	3.62E-05
9mo_SIGAF3_GACAGCCCATAGGTTC-1-10x	0.08708841	0.2600018	0.0040384
9mo_SIGAF3_GACAGCCGTTGTTA-1-10x	0.03326866	0.06837434	5.00E-05
9mo_SIGAF3_GACAGCCTCTTGATTC-1-10x	0.23622622	0.7910131	0.00089602
9mo_SIGAF3_GACATCAGTCTTGTA-1-10x	0.08831736	0.26437753	0.0041422
9mo_SIGAF3_GACCAATAGATCACCT-1-10x	0.12316962	0.3884704	0.0021479
9mo_SIGAF3_GACCAATCACTAGAGG-1-10x	0.2901236	0.9829171	0.00076163
9mo_SIGAF3_GACCAATCATCTCCA-1-10x	0.02483775	0.03835572	3.91E-05
9mo_SIGAF3_GACCAATGTAACATCC-1-10x	0.23288728	0.77912474	0.00092358
9mo_SIGAF3_GACCAATCCACAAGT-1-10x	0.2213246	0.7379553	0.0010106
9mo_SIGAF3_GACCCAGAGGTGATAT-1-10x	0.02116438	0.02527655	3.69E-05
9mo_SIGAF3_GACCCAGCAGCCGGTT-1-10x	0.03911664	0.08919631	6.67E-05
9mo_SIGAF3_GACCCAGGTATCGTTG-1-10x	0.12709878	0.4024604	0.0020256
9mo_SIGAF3_GACCCCTTAGCATTTGC-1-10x	0.04576363	0.1128632	0.00010046
9mo_SIGAF3_GACCCTTTCGTTTATT-1-10x	0.22156739	0.7388198	0.0010106
9mo_SIGAF3_GACCGTGGTACGACTT-1-10x	0.09360597	0.28320783	0.0044154
9mo_SIGAF3_GACCGTGGTTCGGTGTC-1-10x	0.04560394	0.11229461	0.00010046
9mo_SIGAF3_GACCGTGGTTACCTGA-1-10x	0.087873	0.26279533	0.0041422
9mo_SIGAF3_GACCGTGGTTTGATCG-1-10x	0.01670519	0.00939942	3.38E-05
9mo_SIGAF3_GACCTTCAGTAATACG-1-10x	0.09631171	0.29284173	0.0043435
9mo_SIGAF3_GACCTTCTCCATGATG-1-10x	0.25377473	0.85349536	0.00079608
9mo_SIGAF3_GACTATGAGGGTCAAC-1-10x	0.18709287	0.6160718	0.0013662
9mo_SIGAF3_GACTATGCATTCTGTT-1-10x	0.03288629	0.0670129	5.00E-05
9mo_SIGAF3_GACTATGGTTCGCTGCA-1-10x	0.06292221	0.17395703	0.00052741

9mo_SIGAF3_GACTCAACATGACGTT-1-10x	0.03018773	0.05740454	4.55E-05
9mo_SIGAF3_GACTCTCGTATCCCAA-1-10x	0.01704621	0.01061362	3.38E-05
9mo_SIGAF3_GACTGATTCCAATCTT-1-10x	0.2705098	0.9130813	0.00075418
9mo_SIGAF3_GACTTCCAGCTGCCAC-1-10x	0.09546799	0.28983763	0.0043808
9mo_SIGAF3_GACTTCCAGGAACATT-1-10x	0.08591557	0.25582585	0.0037839
9mo_SIGAF3_GACTTCTCGGACAAG-1-10x	0.04587501	0.11325976	0.00010046
9mo_SIGAF3_GAGAAATGTATGTCCA-1-10x	0.05293723	0.13840511	0.00017575
9mo_SIGAF3_GAGAAATCCCGAGTG-1-10x	0.20844027	0.69208014	0.0011177
9mo_SIGAF3_GAGACCCAGAGAGGGC-1-10x	0.05409168	0.14251557	0.00021164
9mo_SIGAF3_GAGACCCGTAGACACG-1-10x	0.01823239	0.01483706	3.44E-05
9mo_SIGAF3_GAGACTTCACACGGTC-1-10x	0.01652499	0.0087578	3.38E-05
9mo_SIGAF3_GAGAGGTAGCGCAATG-1-10x	0.06534806	0.18259437	0.00072102
9mo_SIGAF3_GAGAGGTGTGACACGA-1-10x	0.07548811	0.21869846	0.001885
9mo_SIGAF3_GAGATGGCAGAGGAAA-1-10x	0.04943575	0.12593795	0.00013566
9mo_SIGAF3_GAGATGGCAGGAGGAG-1-10x	0.02370455	0.03432093	3.83E-05
9mo_SIGAF3_GAGATGGTCGTTCTGC-1-10x	0.0530993	0.13898218	0.00019264
9mo_SIGAF3_GAGCCTGGTAGAATAC-1-10x	0.28505102	0.96485585	0.00075605
9mo_SIGAF3_GAGCCTGGTGTAGCAG-1-10x	0.09134785	0.2751677	0.0043535
9mo_SIGAF3_GAGCTGCGTTGGTAGG-1-10x	0.15922332	0.5168411	0.0018109
9mo_SIGAF3_GAGCTGCTCATTGTTC-1-10x	0.04806239	0.12104802	0.00011598
9mo_SIGAF3_GAGGCCTAGCCTGCCA-1-10x	0.27239937	0.9198091	0.000753
9mo_SIGAF3_GAGGCCTTCTTCTAAC-1-10x	0.17991138	0.5905018	0.001475
9mo_SIGAF3_GAGGGATAGGCCGCTT-1-10x	0.02471341	0.037913	3.91E-05
9mo_SIGAF3_GAGGGTACAAGTTTGC-1-10x	0.17244846	0.56392974	0.0016089
9mo_SIGAF3_GAGTCATCAGCTGAGA-1-10x	0.04911133	0.12478283	0.00012523
9mo_SIGAF3_GAGTCATGTATGACAA-1-10x	0.05693602	0.15264297	0.00028394
9mo_SIGAF3_GAGTCTAAGGGTCTTT-1-10x	0.22458358	0.74955904	0.00098869
9mo_SIGAF3_GAGTCTACAAACCGGA-1-10x	0.0495467	0.12633298	0.00013566
9mo_SIGAF3_GAGTCTACATAACGGG-1-10x	0.2672835	0.90159386	0.00075705
9mo_SIGAF3_GAGTCTAGTTTGTGG-1-10x	0.09154515	0.2758702	0.0043535
9mo_SIGAF3_GAGTCTATCTGTGTGA-1-10x	0.02176638	0.02741999	3.69E-05
9mo_SIGAF3_GAGTGAGTCGCCATAA-1-10x	0.08982015	0.26972827	0.0042999
9mo_SIGAF3_GAGTGTTAGCGACTGA-1-10x	0.02322251	0.03260459	3.83E-05
9mo_SIGAF3_GAGTGTTTCAGCTCGGT-1-10x	0.02250912	0.03006454	3.76E-05
9mo_SIGAF3_GAGTTGTCATGACTTG-1-10x	0.03942531	0.09029535	6.67E-05
9mo_SIGAF3_GAGTTTGGTTAAGGA-1-10x	0.04801595	0.12088267	0.00011598
9mo_SIGAF3_GATAGAAAGGTCACAG-1-10x	0.08489986	0.25220934	0.0036353
9mo_SIGAF3_GATAGAACACAATGCT-1-10x	0.03337837	0.06876498	5.17E-05
9mo_SIGAF3_GATAGAACAGTCGGAA-1-10x	0.04772186	0.11983556	0.00011598
9mo_SIGAF3_GATAGAAGTACACGTT-1-10x	0.07653934	0.22244139	0.0022191
9mo_SIGAF3_GATAGCTCATGTGCTA-1-10x	0.27128285	0.9158337	0.00075352

9mo_SIGAF3_GATAGCTGTAGGAGTC-1-10x	0.2778479	0.9392088	0.00075239
9mo_SIGAF3_GATAGCTGTCTGCCTT-1-10x	0.28234988	0.95523834	0.00075462
9mo_SIGAF3_GATAGCTTCAACAAGAA-1-10x	0.03510064	0.07489719	5.37E-05
9mo_SIGAF3_GATAGCTTCGAACACT-1-10x	0.01652179	0.0087464	3.38E-05
9mo_SIGAF3_GATCACAAGTTTGCTG-1-10x	0.09746987	0.2969654	0.0042943
9mo_SIGAF3_GATCAGTCACAGCGCT-1-10x	0.02059938	0.02326485	3.62E-05
9mo_SIGAF3_GATCAGTGTTGTTGCA-1-10x	0.18925543	0.62377167	0.0013244
9mo_SIGAF3_GATCATGAGTCTCCTC-1-10x	0.09513563	0.28865424	0.0044051
9mo_SIGAF3_GATCATGCAATGAAAC-1-10x	0.15375392	0.4973671	0.0018575
9mo_SIGAF3_GATCATGGTGTCCCTT-1-10x	0.11754878	0.3684572	0.002453
9mo_SIGAF3_GATCATGGTTGAGTCT-1-10x	0.01752874	0.01233169	3.44E-05
9mo_SIGAF3_GATCGTATCTGACCCT-1-10x	0.02620058	0.04320812	4.09E-05
9mo_SIGAF3_GATGACTAGACGAAGA-1-10x	0.08500558	0.25258577	0.0037839
9mo_SIGAF3_GATGACTAGTAGGATT-1-10x	0.1997692	0.6612064	0.0011985
9mo_SIGAF3_GATGACTCAAATTGCC-1-10x	0.03179585	0.06313034	4.83E-05
9mo_SIGAF3_GATGACTCAACACACT-1-10x	0.05526098	0.1466789	0.000233
9mo_SIGAF3_GATGACTTCCAACCAA-1-10x	0.01834956	0.01525426	3.49E-05
9mo_SIGAF3_GATGAGGAGAGTCAGC-1-10x	0.09573437	0.2907861	0.0043808
9mo_SIGAF3_GATGAGGCAATACGCT-1-10x	0.28323567	0.95839226	0.00075531
9mo_SIGAF3_GATGAGGTCTCTCTT-1-10x	0.25302267	0.8508176	0.00080028
9mo_SIGAF3_GATGAGGTGCGATTAG-1-10x	0.03482576	0.07391844	5.37E-05
9mo_SIGAF3_GATGAGGTGCGTTGTA-1-10x	0.0473012	0.11833779	0.00010777
9mo_SIGAF3_GATGCTAAGATCGCCC-1-10x	0.13624996	0.43504354	0.0018891
9mo_SIGAF3_GATGCTAAGATGCAGC-1-10x	0.13660905	0.4363221	0.0018891
9mo_SIGAF3_GATGCTAAGTGCACCTT-1-10x	0.01519696	0.00402929	3.27E-05
9mo_SIGAF3_GATGGAGCAAGAATAC-1-10x	0.04293041	0.10277541	8.29E-05
9mo_SIGAF3_GATGGAGGTAGGGTAC-1-10x	0.0837553	0.2481341	0.0034742
9mo_SIGAF3_GATGTTGCAAAGCTAA-1-10x	0.0815341	0.24022542	0.0031253
9mo_SIGAF3_GATTTCGAGTTGCGAAG-1-10x	0.10960919	0.34018794	0.0031181
9mo_SIGAF3_GATTCTTGTCGGTGAA-1-10x	0.07751641	0.2259203	0.0023954
9mo_SIGAF3_GCAACATAGATGGCGT-1-10x	0.034797	0.07381606	5.37E-05
9mo_SIGAF3_GCAACATGTATCGGTT-1-10x	0.13914195	0.44534057	0.0018772
9mo_SIGAF3_GCAACATGTCTACTGA-1-10x	0.03830875	0.08631977	6.36E-05
9mo_SIGAF3_GCAACATGTGTCCTAA-1-10x	0.22557494	0.75308883	0.00098137
9mo_SIGAF3_GCAACATTCCGAGCTG-1-10x	0.0826105	0.24405798	0.0033032
9mo_SIGAF3_GCAACATTCTAGGCCG-1-10x	0.25480184	0.8571524	0.00079207
9mo_SIGAF3_GCAACCGAGAGTCACG-1-10x	0.06534349	0.18257812	0.00072102
9mo_SIGAF3_GCACGGTAGAAACACT-1-10x	0.2836067	0.95971334	0.00075531
9mo_SIGAF3_GCACGGTAGACCATAA-1-10x	0.03604289	0.0782521	5.58E-05
9mo_SIGAF3_GCACGTGAGTGAGTGC-1-10x	0.03203018	0.06396467	4.83E-05
9mo_SIGAF3_GCACTAAGTCTTCTAT-1-10x	0.04638474	0.11507469	0.00010046

9mo_SIGAF3_GCAGCTGCAAATCCCA-1-10x	0.2194872	0.7314132	0.0010253
9mo_SIGAF3_GCAGCTGTCCGTGTAA-1-10x	0.2728718	0.9214912	0.0007526
9mo_SIGAF3_GCAGGCTGTCTCTCTG-1-10x	0.03816303	0.08580092	6.36E-05
9mo_SIGAF3_GCAGGCTTCGAAACAA-1-10x	0.05297147	0.138527	0.00017575
9mo_SIGAF3_GCAGGCTTCGCTGTCT-1-10x	0.23501474	0.7866996	0.00090964
9mo_SIGAF3_GCAGTTAAGACGAAGA-1-10x	0.25092953	0.8433649	0.00080923
9mo_SIGAF3_GCAGTTAGTAGTTACC-1-10x	0.20468941	0.678725	0.0011518
9mo_SIGAF3_GCAGTTAGTCTCGACG-1-10x	0.01954181	0.01949932	3.55E-05
9mo_SIGAF3_GCAGTTATCTGTCTCG-1-10x	0.20199126	0.66911817	0.0011792
9mo_SIGAF3_GCATCGGGTCGTCGGT-1-10x	0.02982707	0.05612039	4.55E-05
9mo_SIGAF3_GCATGATAGATGCTGG-1-10x	0.27277043	0.92113036	0.000753
9mo_SIGAF3_GCATGATTCTCTCAA-1-10x	0.01626977	0.00784906	3.33E-05
9mo_SIGAF3_GCATTAGCAAGCCCAC-1-10x	0.2680625	0.90436757	0.00075705
9mo_SIGAF3_GCATTAGGTGAAACG-1-10x	0.27927247	0.9442811	0.00075266
9mo_SIGAF3_GCCAACGCAGCTGTAT-1-10x	0.07992812	0.23450729	0.0027593
9mo_SIGAF3_GCCAACGTCTGCGAGC-1-10x	0.21668379	0.7214315	0.0010475
9mo_SIGAF3_GCCAGGTGTAGTTACC-1-10x	0.03073838	0.05936518	4.68E-05
9mo_SIGAF3_GCCAGGTGTCCAACGC-1-10x	0.15599345	0.505341	0.0018459
9mo_SIGAF3_GCCAGGTTCCCGTTGT-1-10x	0.0840671	0.24924429	0.0036353
9mo_SIGAF3_GCCAGGTTGATTCCC-1-10x	0.08641927	0.2576193	0.0039187
9mo_SIGAF3_GCCAGTGGTTCACCGG-1-10x	0.05242521	0.13658203	0.00017575
9mo_SIGAF3_GCCAGTGTCTACGGG-1-10x	0.02294707	0.03162386	3.76E-05
9mo_SIGAF3_GCCATTGTCGAAGGCA-1-10x	0.16005628	0.51980686	0.0018109
9mo_SIGAF3_GCCATTGTTAAGCAA-1-10x	0.03582701	0.07748345	5.58E-05
9mo_SIGAF3_GCCATTCTCGGAATTC-1-10x	0.02666959	0.04487807	4.09E-05
9mo_SIGAF3_GCCGTGACACAATGAA-1-10x	0.1024782	0.31479776	0.0039137
9mo_SIGAF3_GCCGTGAGTCGTCATA-1-10x	0.04727926	0.11825966	0.00010777
9mo_SIGAF3_GCCGTGATCGGAGTGA-1-10x	0.03530666	0.07563072	5.58E-05
9mo_SIGAF3_GCCTGTTTCATCTTAGG-1-10x	0.02841452	0.05109097	4.30E-05
9mo_SIGAF3_GCCTGTTGTGATTCTG-1-10x	0.25382963	0.8536908	0.00079608
9mo_SIGAF3_GCGAGAAAGCTGTTCA-1-10x	0.2857474	0.9673354	0.00075686
9mo_SIGAF3_GCGAGAACAAGCAATA-1-10x	0.0193356	0.01876508	3.55E-05
9mo_SIGAF3_GCGGAAAAGCATTGTC-1-10x	0.09434053	0.2858233	0.0044154
9mo_SIGAF3_GCGGAAACAGATACCT-1-10x	0.02686621	0.04557813	4.19E-05
9mo_SIGAF3_GCGGATCGTGGCTGCT-1-10x	0.22604565	0.7547648	0.00097406
9mo_SIGAF3_GCGGATCTCGCTCCTA-1-10x	0.2628429	0.8857829	0.00076511
9mo_SIGAF3_GCGTGCAAGAGACCT-1-10x	0.0856759	0.25497246	0.0037839
9mo_SIGAF3_GCGTGCACAACGACTT-1-10x	0.0504407	0.12951608	0.00014746
9mo_SIGAF3_GCGTGCAGTGTTGAGG-1-10x	0.24610028	0.82617015	0.00083459
9mo_SIGAF3_GCGTTTCAGCACGTCC-1-10x	0.04515534	0.11069735	9.39E-05
9mo_SIGAF3_GCGTTTCCATTCTGTT-1-10x	0.03104186	0.06044572	4.68E-05

9mo_SIGAF3_GCGTTTCTCTAGATCG-1-10x	0.2777218	0.93875986	0.00075239
9mo_SIGAF3_GCTACAAAGCGACCCT-1-10x	0.21840201	0.7275493	0.0010326
9mo_SIGAF3_GCTACAAAGTCCGGTGT-1-10x	0.13849938	0.44305268	0.0018802
9mo_SIGAF3_GCTACCTAGACCGCCT-1-10x	0.27864563	0.9420492	0.00075266
9mo_SIGAF3_GCTACCTAGCGACTTT-1-10x	0.05389693	0.14182217	0.00019264
9mo_SIGAF3_GCTCAAATCCGTACGG-1-10x	0.08308397	0.2457438	0.0033032
9mo_SIGAF3_GCTGCAGAGGGTTTCT-1-10x	0.02303454	0.03193532	3.83E-05
9mo_SIGAF3_GCTGCAGTCTTCGGTC-1-10x	0.11722136	0.36729142	0.002453
9mo_SIGAF3_GCTGGGTGTCCGGTCA-1-10x	0.04841575	0.12230619	0.00012523
9mo_SIGAF3_GCTGGGTTACCCGGTG-1-10x	0.01555803	0.00531489	3.33E-05
9mo_SIGAF3_GCTGGGTTCGAACTCA-1-10x	0.04222956	0.10027999	7.82E-05
9mo_SIGAF3_GCTGGGTTGTAACCA-1-10x	0.23969342	0.80335826	0.00087632
9mo_SIGAF3_GCTTCACAGCGCATCC-1-10x	0.05178309	0.13429572	0.00016076
9mo_SIGAF3_GCTTCACGTACGCTTA-1-10x	0.17727566	0.5811172	0.0015248
9mo_SIGAF3_GCTTGGGGTTCGCAGTC-1-10x	0.03513381	0.07501528	5.37E-05
9mo_SIGAF3_GCTTTGAGGCCTTGC-1-10x	0.16608979	0.54128945	0.0017206
9mo_SIGAF3_GCTTTGAGTTGGCTT-1-10x	0.0677195	0.19103798	0.00088537
9mo_SIGAF3_GCTTTGCACTACGGC-1-10x	0.20159349	0.66770184	0.0011792
9mo_SIGAF3_GCTTTGTAACCTTTC-1-10x	0.25335693	0.85200775	0.00079608
9mo_SIGAF3_GGAACCCTCCGTGTGG-1-10x	0.09155972	0.2759221	0.0043903
9mo_SIGAF3_GGAACCCTCTCGCTCA-1-10x	0.26609498	0.8973621	0.00075974
9mo_SIGAF3_GGAAGTGAGGTTGCC-1-10x	0.141403	0.45339116	0.0018724
9mo_SIGAF3_GGAATCTAGTGGTTGG-1-10x	0.01683113	0.00984782	3.38E-05
9mo_SIGAF3_GGAATCTTCGCAATGT-1-10x	0.05132227	0.13265496	0.00016076
9mo_SIGAF3_GGAATGGAGCTAGCCC-1-10x	0.20779242	0.6897734	0.001126
9mo_SIGAF3_GGAATGGCATAATCGC-1-10x	0.21268293	0.7071863	0.0010856
9mo_SIGAF3_GGAATGGGTGCAACGA-1-10x	0.02047521	0.02282272	3.62E-05
9mo_SIGAF3_GGAGAACGTCATCCCT-1-10x	0.02828408	0.05062651	4.30E-05
9mo_SIGAF3_GGAGATGCAGTGTATC-1-10x	0.05314822	0.13915634	0.00019264
9mo_SIGAF3_GGAGATGTCAGACCGC-1-10x	0.07234545	0.20750888	0.0014433
9mo_SIGAF3_GGAGCAAGTTGCTCGG-1-10x	0.15248112	0.49283525	0.0018651
9mo_SIGAF3_GGAGGATAGGATTCT-1-10x	0.04724276	0.11812972	0.00010777
9mo_SIGAF3_GGAGGATGTATGCGTT-1-10x	0.04815633	0.12138248	0.00011598
9mo_SIGAF3_GGAGGATGTCGAAAC-1-10x	0.18977569	0.6256241	0.0013244
9mo_SIGAF3_GGAGGATGTCTCACA-1-10x	0.09368596	0.28349262	0.0044154
9mo_SIGAF3_GGAGGATTCGTGCTCT-1-10x	0.19374837	0.63976896	0.0012741
9mo_SIGAF3_GGAGGTAGTGTGAGCA-1-10x	0.03947791	0.09048263	6.67E-05
9mo_SIGAF3_GGAGGTATCTTCCTAA-1-10x	0.15797773	0.5124061	0.0018302
9mo_SIGAF3_GGATCTACAACAAGTA-1-10x	0.21243739	0.706312	0.0010856
9mo_SIGAF3_GGATCTAGTACCATAC-1-10x	0.0815056	0.24012397	0.0031253
9mo_SIGAF3_GGATCTATCTATCCAT-1-10x	0.05579465	0.14857906	0.000233

9mo_SIGAF3_GGATGTTGTATAGGAT-1-10x	0.02944565	0.05476236	4.42E-05
9mo_SIGAF3_GGCACGTACGGTGAA-1-10x	0.09083173	0.27333003	0.0043535
9mo_SIGAF3_GGCACGTGTCGAGTTT-1-10x	0.11528184	0.36038566	0.002594
9mo_SIGAF3_GGCACGTTCCATGAGT-1-10x	0.02176653	0.02742053	3.69E-05
9mo_SIGAF3_GGCAGTCAGTTGAAGT-1-10x	0.03487621	0.07409807	5.37E-05
9mo_SIGAF3_GGCAGTCCACAGACGA-1-10x	0.28081205	0.9497629	0.00075348
9mo_SIGAF3_GGCAGTCTCCACATAG-1-10x	0.27088732	0.91442543	0.00075418
9mo_SIGAF3_GGCGTCACAAGAGTAT-1-10x	0.04374237	0.1056664	8.81E-05
9mo_SIGAF3_GGCGTCACACGGATCC-1-10x	0.19094113	0.6297737	0.0013113
9mo_SIGAF3_GGCTGTGAGCGGTAAC-1-10x	0.02414913	0.03590387	3.91E-05
9mo_SIGAF3_GGCTGTGGTCTAACGT-1-10x	0.0188403	0.01700154	3.49E-05
9mo_SIGAF3_GGCTTTCAGCCATGCC-1-10x	0.08038291	0.23612656	0.0029431
9mo_SIGAF3_GGGAAGTAGAGAGCAA-1-10x	0.021796	0.02752545	3.69E-05
9mo_SIGAF3_GGGAAGTTCCCGAGTG-1-10x	0.0667878	0.18772064	0.00079936
9mo_SIGAF3_GGGACAAAGTGCCTCG-1-10x	0.16425762	0.5347659	0.0017494
9mo_SIGAF3_GGGACAACAACATACC-1-10x	0.03460587	0.07313553	5.37E-05
9mo_SIGAF3_GGGACAATCATCGCCT-1-10x	0.01889492	0.01719602	3.49E-05
9mo_SIGAF3_GGGACAATCTGAGATC-1-10x	0.17332081	0.56703585	0.0015922
9mo_SIGAF3_GGGACCTGTACGTTCA-1-10x	0.08317096	0.24605353	0.0034742
9mo_SIGAF3_GGGACTCAGAGCATCG-1-10x	0.17644933	0.578175	0.0015416
9mo_SIGAF3_GGGACTCAGGCGATAC-1-10x	0.2156505	0.71775246	0.001055
9mo_SIGAF3_GGGACTCCAGCCTATA-1-10x	0.232398	0.7773826	0.00093066
9mo_SIGAF3_GGGACTCGTAGACACG-1-10x	0.04457205	0.10862053	8.81E-05
9mo_SIGAF3_GGGATCCAGAGCACTG-1-10x	0.28000584	0.9468923	0.00075303
9mo_SIGAF3_GGGATCCAGCATAGGC-1-10x	0.25581408	0.8607565	0.00078825
9mo_SIGAF3_GGGATCCCAATAGGGC-1-10x	0.1728274	0.56527895	0.0016089
9mo_SIGAF3_GGGATGACAGTAACGG-1-10x	0.04349583	0.10478861	8.29E-05
9mo_SIGAF3_GGGCCATAGCATCAGG-1-10x	0.0448418	0.10958096	9.39E-05
9mo_SIGAF3_GGGCCATAGTCAACAA-1-10x	0.04586014	0.11320683	0.00010046
9mo_SIGAF3_GGGCGTTCAACCTATG-1-10x	0.11138932	0.3465262	0.002929
9mo_SIGAF3_GGGCGTTCAGGAGACT-1-10x	0.05166991	0.13389274	0.00016076
9mo_SIGAF3_GGGCGTTGTACTCGCG-1-10x	0.22804248	0.7618746	0.00095947
9mo_SIGAF3_GGGCGTTTTCTTACTGT-1-10x	0.03084624	0.05974921	4.68E-05
9mo_SIGAF3_GGGCTACAGAGCATT-1-10x	0.0967539	0.29441616	0.0043435
9mo_SIGAF3_GGGCTACAGTCGAGGT-1-10x	0.03034063	0.05794897	4.55E-05
9mo_SIGAF3_GGGCTACCAACCACAT-1-10x	0.0987827	0.30163977	0.0042345
9mo_SIGAF3_GGGCTACGTCTTGCTC-1-10x	0.19859767	0.6570351	0.0012187
9mo_SIGAF3_GGGCTACGTCTTGTA-1-10x	0.0214329	0.0262326	3.69E-05
9mo_SIGAF3_GGGCTCACACGCAGTC-1-10x	0.13004896	0.4129646	0.0019639
9mo_SIGAF3_GGGCTCATCGAGAGCA-1-10x	0.11015052	0.3421154	0.0031181
9mo_SIGAF3_GGGCTCATCGTTCTAT-1-10x	0.2682366	0.90498745	0.00075594

9mo_SIGAF3_GGGTATTCACGCAGTC-1-10x	0.12373436	0.39048123	0.0021124
9mo_SIGAF3_GGGTATTCATGGGAAC-1-10x	0.05020892	0.12869084	0.00013566
9mo_SIGAF3_GGGTCACCAACCGTGC-1-10x	0.23879494	0.80015916	0.00088278
9mo_SIGAF3_GGGTGAACAGTTGAAA-1-10x	0.04232318	0.10061331	7.82E-05
9mo_SIGAF3_GGGTGAACATTCACAG-1-10x	0.285185	0.9653329	0.00075686
9mo_SIGAF3_GGGTGAAGTTTGGAGG-1-10x	0.09725759	0.29620957	0.0042943
9mo_SIGAF3_GGGTGAATCACGAACT-1-10x	0.06115346	0.16765933	0.00042799
9mo_SIGAF3_GGTAACTAGCCACTCG-1-10x	0.02245391	0.02986797	3.76E-05
9mo_SIGAF3_GGTAACTAGGAGAGTA-1-10x	0.13916405	0.44541925	0.0018772
9mo_SIGAF3_GGTAACTCAACAGAGC-1-10x	0.0505489	0.12990136	0.00014746
9mo_SIGAF3_GGTAACTGTCTCCCTA-1-10x	0.05245542	0.13668959	0.00017575
9mo_SIGAF3_GGTAATCCAGCGTACC-1-10x	0.02189484	0.02787736	3.69E-05
9mo_SIGAF3_GGTAGAGTCGCTGTTC-1-10x	0.2510179	0.84367955	0.00080923
9mo_SIGAF3_GGTCACGTCTCATAGG-1-10x	0.20829415	0.69155985	0.0011177
9mo_SIGAF3_GGTCTGGAGGTGCGAT-1-10x	0.05857982	0.15849577	0.00031414
9mo_SIGAF3_GGTCTGGTCCATCGTC-1-10x	0.15386328	0.4977565	0.0018575
9mo_SIGAF3_GGTGAAGAGGAATCGC-1-10x	0.0291683	0.05377484	4.42E-05
9mo_SIGAF3_GGTGAAGCAAGAGCTG-1-10x	0.19935276	0.65972364	0.0012085
9mo_SIGAF3_GGTGATTCATCGGGC-1-10x	0.03308528	0.06772141	5.00E-05
9mo_SIGAF3_GGTGATTTCCGCGGAT-1-10x	0.04624121	0.11456364	0.00010046
9mo_SIGAF3_GGTGGCTTCGCTGATA-1-10x	0.23724619	0.7946448	0.00088935
9mo_SIGAF3_GGTGTCGAGTTCGCAT-1-10x	0.05083788	0.13093029	0.00014746
9mo_SIGAF3_GGTGTCGGTTGCCATA-1-10x	0.0165872	0.00897929	3.38E-05
9mo_SIGAF3_GGTGTCGTCAACACCA-1-10x	0.2674964	0.9023519	0.00075705
9mo_SIGAF3_GGTGTTAAGATGAAGG-1-10x	0.03522742	0.07534857	5.58E-05
9mo_SIGAF3_GGTTCTCAGTGCCTCG-1-10x	0.04325091	0.10391654	8.29E-05
9mo_SIGAF3_GGTTGTACAACCGACC-1-10x	0.08778655	0.26248753	0.0040384
9mo_SIGAF3_GGTTGTAGTGCTGATT-1-10x	0.01969296	0.0200375	3.55E-05
9mo_SIGAF3_GGTTGTAGTTCTTCAT-1-10x	0.25495765	0.85770714	0.00079207
9mo_SIGAF3_GGTTGTATCAACCTTT-1-10x	0.09478402	0.28740233	0.0044051
9mo_SIGAF3_GTAACACGTTCAACGT-1-10x	0.13491386	0.4302863	0.0018953
9mo_SIGAF3_GTAAGTCAGGTAAGAG-1-10x	0.08603401	0.25624755	0.0039187
9mo_SIGAF3_GTAAGTCCATCGAGCC-1-10x	0.24336143	0.81641835	0.00085167
9mo_SIGAF3_GTAATCGAGCGGGTTA-1-10x	0.21356454	0.7103253	0.0010778
9mo_SIGAF3_GTAATCGTCAACGAGG-1-10x	0.08669028	0.25858423	0.0039187
9mo_SIGAF3_GTAATGCAGGAGAATG-1-10x	0.06819999	0.1927488	0.00097948
9mo_SIGAF3_GTAATGCCACCCTAAA-1-10x	0.09581271	0.291065	0.0043808
9mo_SIGAF3_GTAATGCGTCCTACGG-1-10x	0.0362686	0.07905574	5.82E-05
9mo_SIGAF3_GTACAACGTCTGGAA-1-10x	0.26092193	0.8789432	0.00076963
9mo_SIGAF3_GTACAACCTCATAACAG-1-10x	0.08652903	0.2580101	0.0039187
9mo_SIGAF3_GTACAGTCACTGTCCT-1-10x	0.09280108	0.28034198	0.0044107

9mo_SIGAF3_GTAGAGGCAAGCAATA-1-10x	0.10255897	0.31508535	0.0039137
9mo_SIGAF3_GTAGAGGCATTCAGCA-1-10x	0.1860958	0.6125217	0.0013809
9mo_SIGAF3_GTAGAGGGTTTGTGG-1-10x	0.05492482	0.145482	0.00021164
9mo_SIGAF3_GTAGATCTCCCGTTCA-1-10x	0.09274357	0.2801372	0.0044107
9mo_SIGAF3_GTAGATCTCGCTACAA-1-10x	0.06900847	0.19562742	0.00097948
9mo_SIGAF3_GTAGCTACAACATCGT-1-10x	0.12014072	0.3776859	0.0022788
9mo_SIGAF3_GTAGCTACAAGCACCC-1-10x	0.14722307	0.47411376	0.0018716
9mo_SIGAF3_GTAGCTACATAATGCC-1-10x	0.11560797	0.36154687	0.002594
9mo_SIGAF3_GTAGGAGAGCTCGTGC-1-10x	0.02373516	0.0344299	3.83E-05
9mo_SIGAF3_GTAGGAGGTTCCCACT-1-10x	0.04791411	0.12052007	0.00011598
9mo_SIGAF3_GTATTGGAGGGAGTTC-1-10x	0.03856129	0.08721894	6.36E-05
9mo_SIGAF3_GTATTGGCACATATGC-1-10x	0.22067726	0.7356504	0.0010179
9mo_SIGAF3_GTATTGGGTGCGTTC-1-10x	0.16752474	0.54639864	0.0017056
9mo_SIGAF3_GTATTTTCAGCCAGAGT-1-10x	0.15835543	0.513751	0.0018209
9mo_SIGAF3_GTATTTTCAGGAGTCTG-1-10x	0.08092889	0.23807056	0.0029431
9mo_SIGAF3_GTCAAACAGCCGGAAT-1-10x	0.01636464	0.00818688	3.33E-05
9mo_SIGAF3_GTCAAACCAACGCATT-1-10x	0.11801614	0.37012124	0.0023898
9mo_SIGAF3_GTCAAACGTAGCGTCC-1-10x	0.11899294	0.3735992	0.0023317
9mo_SIGAF3_GTCAAACCTTACTGT-1-10x	0.0501843	0.12860319	0.00013566
9mo_SIGAF3_GTCAAGTAGAGAGCAA-1-10x	0.07628757	0.22154495	0.0020486
9mo_SIGAF3_GTCAAGTTCACATCAG-1-10x	0.01593216	0.00664701	3.33E-05
9mo_SIGAF3_GTCAAGTTCGTGGGTC-1-10x	0.24441336	0.8201638	0.00084583
9mo_SIGAF3_GTCACGGCAACGTATC-1-10x	0.08828031	0.26424557	0.0041422
9mo_SIGAF3_GTCACGGGTCTGTGAT-1-10x	0.07447057	0.21507543	0.0017292
9mo_SIGAF3_GTCACTCTCGGTCACG-1-10x	0.24746767	0.8310388	0.0008292
9mo_SIGAF3_GTCAGCGCACGTATAC-1-10x	0.26100132	0.8792259	0.00076963
9mo_SIGAF3_GTCATGACAGAATCGG-1-10x	0.03796111	0.085082	6.07E-05
9mo_SIGAF3_GTCATGATCTTAGCTT-1-10x	0.10981296	0.3409135	0.0031181
9mo_SIGAF3_GTCCACTAGGGTACAC-1-10x	0.02560129	0.04107435	4.00E-05
9mo_SIGAF3_GTCCACTCATGTGGTT-1-10x	0.02380953	0.03469471	3.83E-05
9mo_SIGAF3_GTCCACTCATTGACAC-1-10x	0.01959863	0.01970163	3.55E-05
9mo_SIGAF3_GTCCACTGTTCTTGCC-1-10x	0.2082777	0.69150126	0.0011177
9mo_SIGAF3_GTCCACTTCTCCTACG-1-10x	0.09057957	0.2724322	0.0042999
9mo_SIGAF3_GTCCCATAGCCTATCA-1-10x	0.24541391	0.8237263	0.00084014
9mo_SIGAF3_GTCCCATCATCAACCA-1-10x	0.01807217	0.01426659	3.44E-05
9mo_SIGAF3_GTCCCATGTACCTGTA-1-10x	0.05004319	0.12810075	0.00013566
9mo_SIGAF3_GTCCCATGTCCCTCAT-1-10x	0.2046109	0.67844546	0.0011518
9mo_SIGAF3_GTCCTCAAGACTACGG-1-10x	0.05548657	0.14748214	0.000233
9mo_SIGAF3_GTCCTCATCAGTGTGT-1-10x	0.04358366	0.10510131	8.29E-05
9mo_SIGAF3_GTCGAATGTGTTAAAG-1-10x	0.01599666	0.00687665	3.33E-05
9mo_SIGAF3_GTCGAATGTTGCATAC-1-10x	0.08000314	0.2347744	0.0027593

9mo_SIGAF3_GTCGTAAGTAGTGGCA-1-10x	0.03157588	0.06234712	4.83E-05
9mo_SIGAF3_GTCGTTCAGTAAGGGA-1-10x	0.1450486	0.46637148	0.0018716
9mo_SIGAF3_GTCTACCCACTGAGGA-1-10x	0.2813121	0.95154333	0.00075401
9mo_SIGAF3_GTCTACCTCTGTAAGC-1-10x	0.27479154	0.92832655	0.00075218
9mo_SIGAF3_GTCTAGAGTGGAACAC-1-10x	0.08673883	0.2587571	0.0039187
9mo_SIGAF3_GTCTGTCGTAECTCGAT-1-10x	0.07531932	0.21809746	0.001885
9mo_SIGAF3_GTCTTTAAGTTCCTGA-1-10x	0.03130623	0.06138703	4.68E-05
9mo_SIGAF3_GTCTTTATCCTACAAG-1-10x	0.25616887	0.8620198	0.00078463
9mo_SIGAF3_GTGAGCCTCTGCGTCT-1-10x	0.11034545	0.34280944	0.0031181
9mo_SIGAF3_GTGAGCCTCTTCCCAG-1-10x	0.02857348	0.05165693	4.30E-05
9mo_SIGAF3_GTGAGGAAGTAGTGGC-1-10x	0.17247757	0.56403345	0.0016089
9mo_SIGAF3_GTGATGTAGACGTCGA-1-10x	0.27381298	0.92484236	0.00075233
9mo_SIGAF3_GTGCACGAGACATAGT-1-10x	0.07477714	0.21616702	0.001885
9mo_SIGAF3_GTGCACGCATTACGGT-1-10x	0.04754195	0.11919496	0.00011598
9mo_SIGAF3_GTGCAGCAGACCTCCG-1-10x	0.24463467	0.82095176	0.00084583
9mo_SIGAF3_GTGCAGCGTTCACGAT-1-10x	0.26192427	0.8825121	0.00076727
9mo_SIGAF3_GTGCAGCTCGTTGTGA-1-10x	0.05768756	0.15531883	0.00028394
9mo_SIGAF3_GTGCGTGAGAATCCCT-1-10x	0.20102426	0.6656751	0.0011888
9mo_SIGAF3_GTGCTGGAGACCCTTA-1-10x	0.07590368	0.22017811	0.0020486
9mo_SIGAF3_GTGCTGGAGGCCATAG-1-10x	0.10440048	0.32164213	0.0037215
9mo_SIGAF3_GTGCTGGGTAGTCGGA-1-10x	0.08926567	0.267754	0.0042295
9mo_SIGAF3_GTGCTTCAGACCAAAT-1-10x	0.04040895	0.09379763	7.01E-05
9mo_SIGAF3_GTGCTTCATCTGCGG-1-10x	0.01557887	0.00538908	3.33E-05
9mo_SIGAF3_GTGCTTCGTTACCTTT-1-10x	0.08802427	0.26333395	0.0041422
9mo_SIGAF3_GTGGAGAAGGTCGTGA-1-10x	0.1246503	0.39374247	0.0020803
9mo_SIGAF3_GTGGAGAAGTGCCCGT-1-10x	0.03468351	0.07341196	5.37E-05
9mo_SIGAF3_GTGGAGAGTCGGAACA-1-10x	0.19555646	0.6462068	0.0012511
9mo_SIGAF3_GTGCGTCACTGGACC-1-10x	0.01628358	0.00789826	3.33E-05
9mo_SIGAF3_GTGCGTCACTGACAT-1-10x	0.01552584	0.00520027	3.33E-05
9mo_SIGAF3_GTGGAAGCTGGCCT-1-10x	0.08222836	0.24269736	0.0033032
9mo_SIGAF3_GTGGAAGTAGCTTTG-1-10x	0.02234099	0.0294659	3.76E-05
9mo_SIGAF3_GTGGAAGTCTCACGG-1-10x	0.20733035	0.6881282	0.001126
9mo_SIGAF3_GTGGAAGTTCACGAT-1-10x	0.24594533	0.82561845	0.00083459
9mo_SIGAF3_GTGTTATCTTGTGCC-1-10x	0.04598864	0.11366434	0.00010046
9mo_SIGAF3_GTGTAACAGAAGTCAT-1-10x	0.23741469	0.79524475	0.00088935
9mo_SIGAF3_GTGTAACCAAATACGA-1-10x	0.0157886	0.00613585	3.33E-05
9mo_SIGAF3_GTGTAACGTTGAATCC-1-10x	0.24164146	0.81029433	0.00086374
9mo_SIGAF3_GTGCCTAGAGTCACG-1-10x	0.10681486	0.33023864	0.0034182
9mo_SIGAF3_GTGCCTGTTGAGCC-1-10x	0.04898461	0.12433162	0.00012523
9mo_SIGAF3_GTGTGATAGAAGAACG-1-10x	0.26954287	0.90963846	0.00075499
9mo_SIGAF3_GTGTGATAGGGTAGCT-1-10x	0.03171914	0.0628572	4.83E-05

9mo_SIGAF3_GTGTGATCAGACTCTA-1-10x	0.03731268	0.08277325	6.07E-05
9mo_SIGAF3_GTGTGATCAGTGTATC-1-10x	0.04913454	0.12486547	0.00012523
9mo_SIGAF3_GTGTGATGTAACAAGT-1-10x	0.08883827	0.26623225	0.0042295
9mo_SIGAF3_GTGTGATGTAACATGA-1-10x	0.02013428	0.02160883	3.55E-05
9mo_SIGAF3_GTGTGGCTCAAGCCAT-1-10x	0.02509839	0.03928373	4.00E-05
9mo_SIGAF3_GTGTTAGCAACCGCCA-1-10x	0.11663706	0.36521098	0.0025211
9mo_SIGAF3_GTGTTAGGTGACTCTA-1-10x	0.05550326	0.14754155	0.000233
9mo_SIGAF3_GTGTTCGTCAACGCC-1-10x	0.23191674	0.77566904	0.00093066
9mo_SIGAF3_GTGTTCCTCCCAGCGA-1-10x	0.0899162	0.27007025	0.0042999
9mo_SIGAF3_GTTACAGAGATCGGTG-1-10x	0.09704235	0.2954432	0.0043435
9mo_SIGAF3_GTTACAGAGCACCCAC-1-10x	0.25452903	0.856181	0.00079207
9mo_SIGAF3_GTTACAGCATCTAGAC-1-10x	0.19726464	0.6522888	0.0012292
9mo_SIGAF3_GTTACAGTCGGACTTA-1-10x	0.18039152	0.59221137	0.001475
9mo_SIGAF3_GTTACCCAGATCCCAT-1-10x	0.06122533	0.16791521	0.00042799
9mo_SIGAF3_GTTACCCAGTAGACAT-1-10x	0.07068807	0.2016077	0.0011935
9mo_SIGAF3_GTTACGAAGGTTCCAT-1-10x	0.25475574	0.85698825	0.00079207
9mo_SIGAF3_GTTACGAGTATGAGGC-1-10x	0.02360074	0.03395129	3.83E-05
9mo_SIGAF3_GTTACGATCTACAGGT-1-10x	0.06192777	0.1704163	0.00047505
9mo_SIGAF3_GTTAGTGGTGGACCAA-1-10x	0.11123326	0.3459705	0.0030221
9mo_SIGAF3_GTTAGTGGTTCGAACT-1-10x	0.08105158	0.2385074	0.0029431
9mo_SIGAF3_GTTAGTGGTTGTCATG-1-10x	0.05549459	0.14751069	0.000233
9mo_SIGAF3_GTTCCGTAGTCATAGA-1-10x	0.0339094	0.0706557	5.17E-05
9mo_SIGAF3_GTTCCGTCACAGTCGC-1-10x	0.08444025	0.25057292	0.0036353
9mo_SIGAF3_GTTCCGTGTTTGGCTA-1-10x	0.27103472	0.91495025	0.00075352
9mo_SIGAF3_GTTTCGCTCAGGGAATC-1-10x	0.0487286	0.1234201	0.00012523
9mo_SIGAF3_GTTTCGCTTCGCATTAG-1-10x	0.0436395	0.10530014	8.29E-05
9mo_SIGAF3_GTTCTATAGAATCGTA-1-10x	0.08240673	0.24333248	0.0033032
9mo_SIGAF3_GTTCTATCAACAAGAT-1-10x	0.08269838	0.2443709	0.0033032
9mo_SIGAF3_GTTGAACAGTCATCCA-1-10x	0.05104505	0.1316679	0.00014746
9mo_SIGAF3_GTTGAACCAAGTATAG-1-10x	0.01888321	0.01715435	3.49E-05
9mo_SIGAF3_GTTGAACTCGTGACTA-1-10x	0.2124015	0.7061842	0.0010856
9mo_SIGAF3_GTTGCTCGTTATGGTC-1-10x	0.14598924	0.46972063	0.0018716
9mo_SIGAF3_GTTGCTCGTTGGCTAT-1-10x	0.03252085	0.06571174	5.00E-05
9mo_SIGAF3_GTTGTAGAGCAAGCCA-1-10x	0.03546518	0.07619512	5.58E-05
9mo_SIGAF3_GTTGTAGGTCACTCAA-1-10x	0.03621595	0.07886827	5.82E-05
9mo_SIGAF3_GTTGTAGGTGGTTTAC-1-10x	0.08420436	0.24973302	0.0036353
9mo_SIGAF3_GTTGTCCAGGACGAT-1-10x	0.01870839	0.01653187	3.49E-05
9mo_SIGAF3_GTTGTCCGTTAAGACA-1-10x	0.04478971	0.10939552	9.39E-05
9mo_SIGAF3_GTTGTGACACGGTGTC-1-10x	0.09405261	0.2847981	0.0044154
9mo_SIGAF3_GTTGTGAGTGGTCCCA-1-10x	0.02745482	0.0476739	4.19E-05
9mo_SIGAF3_GTTTACTCACAGCCAC-1-10x	0.0169163	0.01015108	3.38E-05

9mo_SIGAF3_GTTTACTGTCTACGTA-1-10x	0.04527808	0.11113436	9.39E-05
9mo_SIGAF3_GTTTGGATCCGACAGC-1-10x	0.22180039	0.73964936	0.0010106
9mo_SIGAF3_TAACACGGTTCATCGA-1-10x	0.28749618	0.97356194	0.00075864
9mo_SIGAF3_TAACGACCACGGGTAA-1-10x	0.02458938	0.03747139	3.91E-05
9mo_SIGAF3_TAACTTCAGACGGATC-1-10x	0.04753907	0.11918473	0.00011598
9mo_SIGAF3_TAACTTCTCCTCTTTC-1-10x	0.27022132	0.9120541	0.00075418
9mo_SIGAF3_TAAGCACAGGTGATCG-1-10x	0.01926347	0.01850827	3.55E-05
9mo_SIGAF3_TAAGCACCAGGTCCGT-1-10x	0.19742742	0.6528684	0.0012292
9mo_SIGAF3_TAAGCCAAGGTCACTT-1-10x	0.01893317	0.01733222	3.49E-05
9mo_SIGAF3_TAAGCCAGTATGAGAT-1-10x	0.09697808	0.29521435	0.0043435
9mo_SIGAF3_TAAGCGTTCCTGCTG-1-10x	0.02033138	0.02231062	3.62E-05
9mo_SIGAF3_TAAGTCGTCCACTTTA-1-10x	0.10189126	0.31270793	0.0040036
9mo_SIGAF3_TAATCTCTCGTCTATC-1-10x	0.06069879	0.16604045	0.00042799
9mo_SIGAF3_TAATTCACCGTGGT-1-10x	0.23427539	0.7840671	0.00091657
9mo_SIGAF3_TAATTCCTCCATCTGC-1-10x	0.0171776	0.01108144	3.38E-05
9mo_SIGAF3_TACAACGAGCAGCAGT-1-10x	0.24750602	0.8311753	0.00082396
9mo_SIGAF3_TACATTCTCCGTGGGT-1-10x	0.05401525	0.14224343	0.00021164
9mo_SIGAF3_TACCCACGTTGCAACT-1-10x	0.27645928	0.9342646	0.00075214
9mo_SIGAF3_TACCCGTGTAATGCGG-1-10x	0.05027992	0.12894365	0.00014746
9mo_SIGAF3_TACCCGTGTCTCGGAC-1-10x	0.04915843	0.12495051	0.00012523
9mo_SIGAF3_TACCCGTTTCGCGATCG-1-10x	0.12047563	0.37887836	0.0022788
9mo_SIGAF3_TACCGAACAGGCTTGC-1-10x	0.2280219	0.76180136	0.00095947
9mo_SIGAF3_TACCGAAGTTAGGCC-1-10x	0.01651219	0.00871223	3.38E-05
9mo_SIGAF3_TACCGGGAGCATCAAA-1-10x	0.26877987	0.9069218	0.00075594
9mo_SIGAF3_TACCGGGTCATGCGGC-1-10x	0.0380538	0.08541203	6.36E-05
9mo_SIGAF3_TACCGGGTCGCGTCTGA-1-10x	0.24527097	0.82321733	0.00084014
9mo_SIGAF3_TACCTGCGTACAGAAT-1-10x	0.03499938	0.07453663	5.37E-05
9mo_SIGAF3_TACCTGCGTACCGGCT-1-10x	0.02355809	0.03379944	3.83E-05
9mo_SIGAF3_TACCTGCGTATGATCC-1-10x	0.07912739	0.23165625	0.002576
9mo_SIGAF3_TACCTGCTCCATAAG-1-10x	0.16928163	0.55265415	0.0016744
9mo_SIGAF3_TACGCTCGTCCAGAAG-1-10x	0.07427917	0.21439399	0.0017292
9mo_SIGAF3_TACGGTAGTTTGCAGT-1-10x	0.04366137	0.10537802	8.81E-05
9mo_SIGAF3_TACGTCCAGAGGGTAA-1-10x	0.04136987	0.09721902	7.40E-05
9mo_SIGAF3_TACGTCCAGCGGTAAC-1-10x	0.02120368	0.02541647	3.69E-05
9mo_SIGAF3_TACGTCCAGTACGCC-1-10x	0.04776161	0.11997709	0.00011598
9mo_SIGAF3_TACTTACGTGGAACAC-1-10x	0.1914889	0.63172406	0.0012985
9mo_SIGAF3_TACTTCAAGTTGGAGC-1-10x	0.03688006	0.08123288	5.82E-05
9mo_SIGAF3_TACTTCAGTAAGTAGT-1-10x	0.03999073	0.09230854	7.01E-05
9mo_SIGAF3_TACTTCAGTGACAGGT-1-10x	0.17913526	0.5877384	0.0014915
9mo_SIGAF3_TACTTCAGTTCGTTCC-1-10x	0.09293384	0.28081468	0.0044107
9mo_SIGAF3_TACTTCATCTCATTAC-1-10x	0.07952204	0.2330614	0.0027593

9mo_SIGAF3_TACTTGTAGAAGTATC-1-10x	0.02140789	0.02614355	3.69E-05
9mo_SIGAF3_TACTTGTAGTTACGAA-1-10x	0.21902198	0.7297567	0.0010326
9mo_SIGAF3_TAGACCAGTACCGGCT-1-10x	0.22898455	0.76522887	0.0009522
9mo_SIGAF3_TAGACCAGTGATACTC-1-10x	0.07776724	0.22681336	0.0023954
9mo_SIGAF3_TAGACTGCAGGCACTC-1-10x	0.07118499	0.20337702	0.0013138
9mo_SIGAF3_TAGACTGGTATGAGCG-1-10x	0.04653993	0.11562724	0.00010777
9mo_SIGAF3_TAGACTGGTTCGTAAC-1-10x	0.09306009	0.28126422	0.0044107
9mo_SIGAF3_TAGAGTCAGAGAGCAA-1-10x	0.01853281	0.01590673	3.49E-05
9mo_SIGAF3_TAGATCGAGCTTGTTG-1-10x	0.04710314	0.11763258	0.00010777
9mo_SIGAF3_TAGATCGCAGACTGCC-1-10x	0.24808306	0.8332299	0.00082396
9mo_SIGAF3_TAGATCGTCCAATCCC-1-10x	0.04058009	0.09440697	7.01E-05
9mo_SIGAF3_TAGCACAAGCGCTGCT-1-10x	0.07081858	0.2020724	0.0011935
9mo_SIGAF3_TAGGAGGCATTGAAGA-1-10x	0.23014386	0.76935667	0.00094498
9mo_SIGAF3_TAGGAGGTCGACATTG-1-10x	0.03414557	0.07149661	5.17E-05
9mo_SIGAF3_TAGGGTTCATCCAATG-1-10x	0.03535082	0.07578796	5.58E-05
9mo_SIGAF3_TAGGGTTGTCAGACGA-1-10x	0.03184915	0.06332011	4.83E-05
9mo_SIGAF3_TAGGGTTGTTCTCGCT-1-10x	0.11333764	0.35346326	0.0027534
9mo_SIGAF3_TAGGGTTTCAAGCTGT-1-10x	0.06069505	0.16602714	0.00042799
9mo_SIGAF3_TAGGGTTTCATGCCCT-1-10x	0.12768191	0.40453663	0.0020026
9mo_SIGAF3_TAGGGTTTCCCGTAAA-1-10x	0.01922925	0.01838644	3.49E-05
9mo_SIGAF3_TAGGTACTCGTGTGAT-1-10x	0.02716334	0.04663608	4.19E-05
9mo_SIGAF3_TAGTGCAGTCGAAGCA-1-10x	0.10539748	0.32519197	0.0036214
9mo_SIGAF3_TAGTGCAGTTTACTTC-1-10x	0.04225401	0.10036705	7.82E-05
9mo_SIGAF3_TATACCTGTATCGCAT-1-10x	0.05072279	0.13052051	0.00014746
9mo_SIGAF3_TATATCCAGGAGCAAAA-1-10x	0.12341221	0.3893342	0.0021479
9mo_SIGAF3_TATATCCAGTTCCAGT-1-10x	0.04608779	0.1140174	0.00010046
9mo_SIGAF3_TATCCTAAGCTATCTG-1-10x	0.07288969	0.20944668	0.0015819
9mo_SIGAF3_TATCCTAAGTCTTCGA-1-10x	0.09244856	0.2790868	0.0043903
9mo_SIGAF3_TATCCTAAGTTGGCTT-1-10x	0.24336332	0.8164251	0.00085167
9mo_SIGAF3_TATCGCCAGCCTTGAT-1-10x	0.22405685	0.7476836	0.00098869
9mo_SIGAF3_TATCGCCCAACCACAT-1-10x	0.23232043	0.7771064	0.00093066
9mo_SIGAF3_TATCGCCAGAAACCG-1-10x	0.2646432	0.89219296	0.00076135
9mo_SIGAF3_TATCGCCATGTTACG-1-10x	0.01758364	0.01252717	3.44E-05
9mo_SIGAF3_TATCGCCTCTGGACTA-1-10x	0.0212578	0.02560917	3.69E-05
9mo_SIGAF3_TATCTTGGTGAGGCAT-1-10x	0.25364512	0.85303384	0.00079608
9mo_SIGAF3_TATGTTTCGTATCGCAT-1-10x	0.21561097	0.7176117	0.001055
9mo_SIGAF3_TATTCCAGTAGCTCGC-1-10x	0.27591237	0.9323173	0.00075214
9mo_SIGAF3_TATTCCAGTGCATGAG-1-10x	0.03590574	0.07776377	5.58E-05
9mo_SIGAF3_TATTCCAGTGGGATTG-1-10x	0.13201407	0.41996145	0.0019219
9mo_SIGAF3_TATTGCTAGAGACAAG-1-10x	0.08545619	0.2541902	0.0037839
9mo_SIGAF3_TATTGGGCAATGAACA-1-10x	0.04566601	0.11251563	0.00010046

9mo_SIGAF3_TATTGGGGTCATGGCC-1-10x	0.02303433	0.03193457	3.83E-05
9mo_SIGAF3_TATTTGAGAGAGCCT-1-10x	0.07250733	0.20808525	0.0014433
9mo_SIGAF3_TCAAGACCACCTATCC-1-10x	0.04829754	0.12188527	0.00011598
9mo_SIGAF3_TCAAGACGTACGTGAG-1-10x	0.05007801	0.12822473	0.00013566
9mo_SIGAF3_TCAAGCAAGCTGCCTG-1-10x	0.14438881	0.46402225	0.0018716
9mo_SIGAF3_TCAAGTGAGAGAAGGT-1-10x	0.02713576	0.04653787	4.19E-05
9mo_SIGAF3_TCAAGTGAGATTCGAA-1-10x	0.01785177	0.01348186	3.44E-05
9mo_SIGAF3_TCAAGTGCACCAGCTG-1-10x	0.04168604	0.09834475	7.40E-05
9mo_SIGAF3_TCAAGTGCATCTTAGG-1-10x	0.01910261	0.01793551	3.49E-05
9mo_SIGAF3_TCACAAGCAGGATCTT-1-10x	0.20975217	0.6967512	0.0011095
9mo_SIGAF3_TCACATTCACCGGTCA-1-10x	0.08875136	0.26592278	0.0042295
9mo_SIGAF3_TCACGCTAGGCTAAAT-1-10x	0.2813994	0.9518541	0.00075401
9mo_SIGAF3_TCACGCTCACCCAACG-1-10x	0.04805632	0.12102643	0.00011598
9mo_SIGAF3_TCACGCTCACTCGATA-1-10x	0.08877072	0.26599172	0.0042295
9mo_SIGAF3_TCACGGGGTCCTTAAG-1-10x	0.07328776	0.210864	0.0015819
9mo_SIGAF3_TCACTCGAGTGAACAT-1-10x	0.18457511	0.6071072	0.0013959
9mo_SIGAF3_TCACTCGCAGCACCCA-1-10x	0.01660337	0.00903686	3.38E-05
9mo_SIGAF3_TCAGCAACAGAGTTCT-1-10x	0.01544605	0.0049162	3.27E-05
9mo_SIGAF3_TCAGCCTTCCGCAAAT-1-10x	0.09591992	0.29144675	0.0043808
9mo_SIGAF3_TCAGCCTTCTCACAT-1-10x	0.03317048	0.06802478	5.00E-05
9mo_SIGAF3_TCAGGGCGTTCAGTAC-1-10x	0.0894779	0.26850966	0.0042295
9mo_SIGAF3_TCAGGTACACCGTGGT-1-10x	0.25633147	0.8625987	0.00078463
9mo_SIGAF3_TCAGGTAGTCCACGCA-1-10x	0.0181082	0.01439489	3.44E-05
9mo_SIGAF3_TCAGGTAGTCGCGTCA-1-10x	0.02153053	0.02658022	3.69E-05
9mo_SIGAF3_TCAGTCCAGAATTGCA-1-10x	0.04506747	0.11038448	9.39E-05
9mo_SIGAF3_TCAGTCCAGGATGCGT-1-10x	0.04738521	0.11863689	0.00010777
9mo_SIGAF3_TCAGTCCGTTTCGTAAC-1-10x	0.08423743	0.24985076	0.0036353
9mo_SIGAF3_TCAGTCCCTCACTGAAC-1-10x	0.01532607	0.004489	3.27E-05
9mo_SIGAF3_TCAGTCCCTCTAAGG-1-10x	0.09440021	0.28603578	0.0044051
9mo_SIGAF3_TCAGTGATCCTGTACC-1-10x	0.02327736	0.03279988	3.83E-05
9mo_SIGAF3_TCAGTTTAGATAACGT-1-10x	0.01925619	0.01848234	3.55E-05
9mo_SIGAF3_TCAGTTTCACCCTGAG-1-10x	0.0483322	0.1220087	0.00011598
9mo_SIGAF3_TCATACTAGCCGAACA-1-10x	0.24750884	0.8311854	0.00082396
9mo_SIGAF3_TCATACTCATCGGTTA-1-10x	0.1424662	0.45717672	0.0018718
9mo_SIGAF3_TCATACTGTAGTCCTA-1-10x	0.08132146	0.23946834	0.0031253
9mo_SIGAF3_TCATACTTCGTGGCGT-1-10x	0.11952986	0.3755109	0.0023317
9mo_SIGAF3_TCATATCAGGTTTCATC-1-10x	0.0357047	0.07704795	5.58E-05
9mo_SIGAF3_TCATATCTCAAACCTG-1-10x	0.13823582	0.4421143	0.0018802
9mo_SIGAF3_TCATATCTCCTAGCTC-1-10x	0.07558252	0.2190346	0.001885
9mo_SIGAF3_TCATCATAGCTTTCTT-1-10x	0.11253338	0.35059965	0.0028393
9mo_SIGAF3_TCATCCGAGTTCTACG-1-10x	0.01675118	0.00956316	3.38E-05

9mo_SIGAF3_TCATCCGGTACGCTAT-1-10x	0.07842923	0.22917041	0.002576
9mo_SIGAF3_TCATGAGAGCTCTTCC-1-10x	0.0688041	0.19489975	0.00097948
9mo_SIGAF3_TCATGAGGTTGCAAGG-1-10x	0.0930678	0.28129166	0.0044107
9mo_SIGAF3_TCATGAGTCCAAGTAG-1-10x	0.25669622	0.86389744	0.00078463
9mo_SIGAF3_TCATGCCAGGAACTCG-1-10x	0.04732839	0.1184346	0.00010777
9mo_SIGAF3_TCATGCCAGTGGACTG-1-10x	0.2620258	0.88287365	0.00076727
9mo_SIGAF3_TCATGCCGTAGGACTG-1-10x	0.04416548	0.10717292	8.81E-05
9mo_SIGAF3_TCATGCCTCGTTGTTT-1-10x	0.09623436	0.29256633	0.0043808
9mo_SIGAF3_TCATGGACAGCCTTCT-1-10x	0.0190072	0.01759579	3.49E-05
9mo_SIGAF3_TCATGTTCAAACCATC-1-10x	0.08440376	0.25044298	0.0036353
9mo_SIGAF3_TCATTACAGATGTAGT-1-10x	0.2317558	0.775096	0.00093066
9mo_SIGAF3_TCATTACCATAGGCGA-1-10x	0.16351911	0.53213644	0.001763
9mo_SIGAF3_TCATTATCACAGTGT-1-10x	0.10385326	0.3196937	0.0037215
9mo_SIGAF3_TCATTGTGTAGAGGAA-1-10x	0.07185059	0.2057469	0.0014433
9mo_SIGAF3_TCATTGTTCTAGGCAT-1-10x	0.05318197	0.13927649	0.00019264
9mo_SIGAF3_TCATTTGGTGCACATT-1-10x	0.07435192	0.214653	0.0017292
9mo_SIGAF3_TCCACCACAGTCTACA-1-10x	0.08289901	0.24508525	0.0033032
9mo_SIGAF3_TCCACGTAGTTGCCCG-1-10x	0.1083082	0.33555573	0.0033168
9mo_SIGAF3_TCCACGTGTCACTCGG-1-10x	0.19395015	0.64048743	0.0012624
9mo_SIGAF3_TCCACGTTTCATCGCTC-1-10x	0.04160224	0.09804639	7.40E-05
9mo_SIGAF3_TCCAGAAAGACCATAA-1-10x	0.02968791	0.05562491	4.55E-05
9mo_SIGAF3_TCCAGAAAGGTGCCAA-1-10x	0.10792514	0.33419183	0.0033168
9mo_SIGAF3_TCCAGAACAGCTGAAG-1-10x	0.14159244	0.45406568	0.0018724
9mo_SIGAF3_TCCAGAATCGTGGCTG-1-10x	0.01704179	0.01059788	3.38E-05
9mo_SIGAF3_TCCAGAATCTCTAAGG-1-10x	0.02127238	0.02566106	3.69E-05
9mo_SIGAF3_TCCATCGAGAGGTTTA-1-10x	0.24628587	0.8268309	0.00083459
9mo_SIGAF3_TCCATCGTTCGATTGAC-1-10x	0.05707201	0.15312715	0.00028394
9mo_SIGAF3_TCCATGCAGCCGATTT-1-10x	0.10563745	0.32604644	0.0036214
9mo_SIGAF3_TCCATGCAGCTCATAC-1-10x	0.04524231	0.11100703	9.39E-05
9mo_SIGAF3_TCCATGCTCTCTTGCG-1-10x	0.02284725	0.03126848	3.76E-05
9mo_SIGAF3_TCCCACAGTCGACTTA-1-10x	0.06121502	0.16787854	0.00042799
9mo_SIGAF3_TCCCACATCCTACCGT-1-10x	0.27095765	0.91467583	0.00075418
9mo_SIGAF3_TCCCATGAGCGACATG-1-10x	0.08633666	0.25732514	0.0039187
9mo_SIGAF3_TCCCATGTACCTCTG-1-10x	0.22639716	0.7560164	0.00097406
9mo_SIGAF3_TCCGAAACAGGGATAC-1-10x	0.01612942	0.00734934	3.33E-05
9mo_SIGAF3_TCCGATCGTGTGTGTT-1-10x	0.2094832	0.6957935	0.0011095
9mo_SIGAF3_TCCGGGAAGGGACAGG-1-10x	0.29136696	0.987344	0.00076269
9mo_SIGAF3_TCCGGGAAGTCTTCCC-1-10x	0.1861161	0.61259395	0.0013809
9mo_SIGAF3_TCCGTGTCAAGTGGCA-1-10x	0.17439845	0.5708728	0.0015753
9mo_SIGAF3_TCCGTGTATGCCGCA-1-10x	0.1568349	0.508337	0.0018385
9mo_SIGAF3_TCCGTGTGTTCTTGTT-1-10x	0.24518888	0.82292503	0.00084014

9mo_SIGAF3_TCCGTGTTCCACAAGT-1-10x	0.11438162	0.3571804	0.0026715
9mo_SIGAF3_TCCTAATAGAATTCAG-1-10x	0.04503155	0.11025658	9.39E-05
9mo_SIGAF3_TCCTCCCTCGTTCCCA-1-10x	0.07674799	0.2231843	0.0022191
9mo_SIGAF3_TCCTCGACAAGTGGGT-1-10x	0.02026559	0.02207635	3.62E-05
9mo_SIGAF3_TCCTCGATCGTAACCA-1-10x	0.08506911	0.252812	0.0037839
9mo_SIGAF3_TCCTCTTCAACTCCCT-1-10x	0.03174248	0.06294031	4.83E-05
9mo_SIGAF3_TCCTCTTCAATTCGTG-1-10x	0.02017724	0.02176178	3.62E-05
9mo_SIGAF3_TCCTGCAAGAATTGTG-1-10x	0.04668719	0.11615158	0.00010777
9mo_SIGAF3_TCCTGCAAGCTATCTG-1-10x	0.16880278	0.55094916	0.0016744
9mo_SIGAF3_TCCTTTCCATCCGATA-1-10x	0.04882613	0.12376735	0.00012523
9mo_SIGAF3_TCCTTTCGTTCCGCTT-1-10x	0.07846115	0.22928406	0.002576
9mo_SIGAF3_TCGAAGTAGCCTAGGA-1-10x	0.0197295	0.0201676	3.55E-05
9mo_SIGAF3_TCGACCTGTGTACGCC-1-10x	0.05094245	0.13130261	0.00014746
9mo_SIGAF3_TCGACCTTCACTTCTA-1-10x	0.09073543	0.27298716	0.0043535
9mo_SIGAF3_TCGACGGAGGTCCTG-1-10x	0.02797123	0.04951263	4.30E-05
9mo_SIGAF3_TCGACGGCAGTGAGCA-1-10x	0.04733543	0.11845964	0.00010777
9mo_SIGAF3_TCGATTTTCTTAATCC-1-10x	0.23204254	0.77611697	0.00093066
9mo_SIGAF3_TCGCACTCACACGTGC-1-10x	0.27169108	0.9172873	0.00075352
9mo_SIGAF3_TCGCAGGAGGGTCTTT-1-10x	0.01656575	0.00890294	3.38E-05
9mo_SIGAF3_TCGCAGGGTTAAGGAT-1-10x	0.03814907	0.08575125	6.36E-05
9mo_SIGAF3_TCGCAGGTCAAGCAG-1-10x	0.06078142	0.16633466	0.00042799
9mo_SIGAF3_TCGCAGGTCGATCCCT-1-10x	0.0810172	0.23838498	0.0029431
9mo_SIGAF3_TCGCTCAAGACCAACG-1-10x	0.26312375	0.88678294	0.00076511
9mo_SIGAF3_TCGCTCACACGTCATA-1-10x	0.04983896	0.12737359	0.00013566
9mo_SIGAF3_TCGCTCAGTATCCCAA-1-10x	0.0367115	0.08063272	5.82E-05
9mo_SIGAF3_TCGGATACAGAGTTCT-1-10x	0.09246779	0.27915528	0.0043903
9mo_SIGAF3_TCGGATATCAAGAGGC-1-10x	0.02593492	0.04226226	4.09E-05
9mo_SIGAF3_TCGGGTGCAGCTCTGG-1-10x	0.04382713	0.1059682	8.81E-05
9mo_SIGAF3_TCGGGTGGTTAAGAAC-1-10x	0.03514212	0.07504486	5.37E-05
9mo_SIGAF3_TCGTAGACAAGGCGTA-1-10x	0.02593291	0.0422551	4.09E-05
9mo_SIGAF3_TCGTAGATCGAATGCT-1-10x	0.12467568	0.39383283	0.0020803
9mo_SIGAF3_TCGTCCAAGCGTCAAG-1-10x	0.05314421	0.13914205	0.00019264
9mo_SIGAF3_TCGTCCATCGCACGAC-1-10x	0.03896681	0.08866282	6.67E-05
9mo_SIGAF3_TCGTGCTTCACTTTGT-1-10x	0.19216712	0.6341389	0.0012861
9mo_SIGAF3_TCGTGGGAGGGACTGT-1-10x	0.04354028	0.10494688	8.29E-05
9mo_SIGAF3_TCTAACTGTTGAGAGC-1-10x	0.12170654	0.38326108	0.0021873
9mo_SIGAF3_TCTACATGTTCTACC-1-10x	0.04286224	0.10253268	8.29E-05
9mo_SIGAF3_TCTATCAGTATCTTT-1-10x	0.26071075	0.8781913	0.00076963
9mo_SIGAF3_TCTCACGCACGTTCCGG-1-10x	0.23669244	0.7926732	0.00089602
9mo_SIGAF3_TCTCACGGTGCGTTCGT-1-10x	0.12439687	0.39284012	0.0021124
9mo_SIGAF3_TCTCAGCTCCAACCAA-1-10x	0.16922185	0.5524413	0.0016744

9mo_SIGAF3_TCTCCGAAGCTAAACA-1-10x	0.0313619	0.06158524	4.68E-05
9mo_SIGAF3_TCTCCGACAAATCAGA-1-10x	0.1891294	0.62332296	0.001338
9mo_SIGAF3_TCTCTGGAGACGCCCT-1-10x	0.02950319	0.0549672	4.42E-05
9mo_SIGAF3_TCTGCCACAGCCGTCA-1-10x	0.04509651	0.11048789	9.39E-05
9mo_SIGAF3_TCTGCCAGTACACGCC-1-10x	0.03313335	0.06789257	5.00E-05
9mo_SIGAF3_TCTGGCTTCGGAGTGA-1-10x	0.04167601	0.09830906	7.40E-05
9mo_SIGAF3_TCTTAGTAGCCGATTT-1-10x	0.04625015	0.11459547	0.00010046
9mo_SIGAF3_TCTTAGTCACTAAACC-1-10x	0.04298519	0.10297044	8.29E-05
9mo_SIGAF3_TCTTCCTCATCTCGTC-1-10x	0.04459529	0.10870329	9.39E-05
9mo_SIGAF3_TCTTGCGAGTATTAGG-1-10x	0.09074044	0.273005	0.0043535
9mo_SIGAF3_TCTTGCGCAGCAGACA-1-10x	0.17743613	0.5816886	0.0015248
9mo_SIGAF3_TCTTGCGTCAACCTCC-1-10x	0.01894242	0.01736517	3.49E-05
9mo_SIGAF3_TCTTTGAAGGGCCTCT-1-10x	0.26978433	0.9104982	0.00075499
9mo_SIGAF3_TCTTTGAAGGTCATTC-1-10x	0.08872257	0.2658203	0.0041422
9mo_SIGAF3_TCTTTGACAAACTCGT-1-10x	0.27163866	0.9171006	0.00075352
9mo_SIGAF3_TGAATCGGTTCAACGT-1-10x	0.1502222	0.48479226	0.0018694
9mo_SIGAF3_TGAATGCAGCTAGAGC-1-10x	0.04526176	0.11107625	9.39E-05
9mo_SIGAF3_TGACAGTGCAAGCCC-1-10x	0.17088619	0.55836725	0.0016421
9mo_SIGAF3_TGACCCTAGTAAAGCT-1-10x	0.08523152	0.25339025	0.0037839
9mo_SIGAF3_TGACCCTCACGTCTCT-1-10x	0.20799482	0.69049406	0.001126
9mo_SIGAF3_TGACCCTGTATGCGGA-1-10x	0.2829494	0.9573729	0.00075462
9mo_SIGAF3_TGACCCTCATGTCAG-1-10x	0.04282136	0.1023871	8.29E-05
9mo_SIGAF3_TGACGCGCACGTGAGA-1-10x	0.02175543	0.02738099	3.69E-05
9mo_SIGAF3_TGACGCGGTCACGACC-1-10x	0.04599308	0.11368017	0.00010046
9mo_SIGAF3_TGACGCGGTCCAACGC-1-10x	0.04874123	0.12346505	0.00012523
9mo_SIGAF3_TGACGCGGTCTGTGCG-1-10x	0.26552963	0.89534914	0.00075974
9mo_SIGAF3_TGACGCGTCTATGCCC-1-10x	0.1338598	0.42653325	0.0019027
9mo_SIGAF3_TGACTCCAGGATGCGT-1-10x	0.0890091	0.2668405	0.0042295
9mo_SIGAF3_TGACTCCGTAGCGAGT-1-10x	0.18732542	0.6168998	0.0013662
9mo_SIGAF3_TGACTCCGTCACTCTC-1-10x	0.25669506	0.86389333	0.00078463
9mo_SIGAF3_TGACTCCGTGGTCCCA-1-10x	0.14779322	0.47614378	0.0018716
9mo_SIGAF3_TGACTCCGTTGGTAGG-1-10x	0.14699776	0.47331154	0.0018716
9mo_SIGAF3_TGACTCCTCTCATGGA-1-10x	0.07119551	0.20341446	0.0013138
9mo_SIGAF3_TGAGACTGTAACAGTA-1-10x	0.08388615	0.24859999	0.0034742
9mo_SIGAF3_TGAGACTGTGTATCCA-1-10x	0.05860698	0.15859246	0.00031414
9mo_SIGAF3_TGAGCATAGCAGGGAG-1-10x	0.22012632	0.7336888	0.0010253
9mo_SIGAF3_TGAGCATTCAAACGAA-1-10x	0.2613534	0.8804795	0.00076963
9mo_SIGAF3_TGAGCGCCAACCTATG-1-10x	0.02331724	0.03294187	3.83E-05
9mo_SIGAF3_TGAGGAGCAAAGCTCT-1-10x	0.2873131	0.9729101	0.00075864
9mo_SIGAF3_TGAGGAGTCTGGTGCG-1-10x	0.25147766	0.8453165	0.00080467
9mo_SIGAF3_TGAGGGAAGATAGTGT-1-10x	0.03599677	0.07808787	5.58E-05

9mo_SIGAF3_TGAGGTTAGCACGATG-1-10x	0.15834692	0.51372063	0.0018209
9mo_SIGAF3_TGAGGTTGTATTGACC-1-10x	0.01624288	0.00775333	3.33E-05
9mo_SIGAF3_TGAGTCACAGAGAGGG-1-10x	0.04102226	0.09598136	7.40E-05
9mo_SIGAF3_TGAGTCATCCGGCTTT-1-10x	0.14236744	0.45682508	0.0018718
9mo_SIGAF3_TGATCAGAGCACTGGA-1-10x	0.07013221	0.19962855	0.0011935
9mo_SIGAF3_TGATCAGCAGTTGTTG-1-10x	0.08442268	0.25051033	0.0036353
9mo_SIGAF3_TGATCAGCATGGCTAT-1-10x	0.11514294	0.35989112	0.002594
9mo_SIGAF3_TGATCAGTCCGTGTGG-1-10x	0.24819586	0.8336315	0.00082396
9mo_SIGAF3_TGATCTTAGAATCGCG-1-10x	0.03517705	0.07516923	5.37E-05
9mo_SIGAF3_TGATTCTGTGTTGTA-1-10x	0.01892749	0.017312	3.49E-05
9mo_SIGAF3_TGATTCTTCTACTT-1-10x	0.07987884	0.23433183	0.0027593
9mo_SIGAF3_TGATTCAGAATGTTG-1-10x	0.17334743	0.56713057	0.0015922
9mo_SIGAF3_TGATTCAGGGATCGT-1-10x	0.13852933	0.44315934	0.0018772
9mo_SIGAF3_TGATTCGTTTACTTC-1-10x	0.01741647	0.01193195	3.44E-05
9mo_SIGAF3_TGCACGGAGAGATTCA-1-10x	0.06501062	0.1813929	0.00064991
9mo_SIGAF3_TGCAGATAGCTAATGA-1-10x	0.05673875	0.15194058	0.000257
9mo_SIGAF3_TGCAGATAGTAGGAAG-1-10x	0.06246868	0.17234223	0.00052741
9mo_SIGAF3_TGCAGGCGTACTCGAT-1-10x	0.03981217	0.09167276	6.67E-05
9mo_SIGAF3_TGCAGGCTCATGCAGT-1-10x	0.03796842	0.08510802	6.07E-05
9mo_SIGAF3_TGCAGTACCCATATG-1-10x	0.01757342	0.01249076	3.44E-05
9mo_SIGAF3_TGCAGTACAGGAGACT-1-10x	0.08666179	0.2584828	0.0039187
9mo_SIGAF3_TGCAGTATCGTTGTGA-1-10x	0.1059645	0.3272109	0.00352
9mo_SIGAF3_TGCATCCTCGATCCAA-1-10x	0.09263319	0.2797442	0.0044107
9mo_SIGAF3_TGCATCCTCTGGCCGA-1-10x	0.02299144	0.03178186	3.83E-05
9mo_SIGAF3_TGCATGAAGCGAGGAG-1-10x	0.04643007	0.11523608	0.00010046
9mo_SIGAF3_TGCATGATCGTTGTAG-1-10x	0.21546659	0.7170976	0.0010625
9mo_SIGAF3_TGCATGATCTTACCAT-1-10x	0.02348585	0.03354224	3.83E-05
9mo_SIGAF3_TGCCGAGAGCGCAATG-1-10x	0.01720469	0.01117789	3.38E-05
9mo_SIGAF3_TGCCGAGAGGATTTCC-1-10x	0.0485493	0.12278168	0.00012523
9mo_SIGAF3_TGCGGGTGTGGCTACC-1-10x	0.04751913	0.11911371	0.00011598
9mo_SIGAF3_TGCGGGTGTACGTAC-1-10x	0.09216546	0.27807882	0.0043903
9mo_SIGAF3_TGCGGGTCTCAACCC-1-10x	0.06194344	0.1704721	0.00047505
9mo_SIGAF3_TGCTCCAAGCTTAGTC-1-10x	0.08507168	0.25282112	0.0037839
9mo_SIGAF3_TGCTCCACAAGAGTGC-1-10x	0.01978465	0.02036395	3.55E-05
9mo_SIGAF3_TGCTCCAGTCTACGTA-1-10x	0.26470295	0.8924057	0.00076135
9mo_SIGAF3_TGCTCGTAGCGTCAGA-1-10x	0.08730523	0.2607738	0.0040384
9mo_SIGAF3_TGCTCGTAGTTGCGAG-1-10x	0.20875402	0.6931972	0.0011177
9mo_SIGAF3_TGCTCGTTCCATAGGT-1-10x	0.11258661	0.3507892	0.0028393
9mo_SIGAF3_TGCTGAATCTCCGAAA-1-10x	0.27937707	0.9446536	0.00075266
9mo_SIGAF3_TGCTTCGAGTATGAAC-1-10x	0.02945929	0.0548109	4.42E-05
9mo_SIGAF3_TGGAAGTGTGGACTGA-1-10x	0.08290821	0.24511799	0.0033032

9mo_SIGAF3_TGGAGAGAGAACCGCA-1-10x	0.20615318	0.68393683	0.001143
9mo_SIGAF3_TGGAGAGAGGTGCCTC-1-10x	0.22883177	0.76468486	0.0009522
9mo_SIGAF3_TGGAGAGTCGCCAGA-1-10x	0.26888674	0.9073023	0.00075594
9mo_SIGAF3_TGGATCAAGTGTGTC-1-10x	0.01566431	0.0056933	3.33E-05
9mo_SIGAF3_TGGATGTAGACCAGAC-1-10x	0.01802069	0.01408329	3.44E-05
9mo_SIGAF3_TGGATGTCAAGTGTATC-1-10x	0.07009471	0.199495	0.0011935
9mo_SIGAF3_TGGGAAGAGCGATGAC-1-10x	0.24518976	0.8229282	0.00084014
9mo_SIGAF3_TGGGAGACAGGAGGTT-1-10x	0.04738079	0.11862117	0.00010777
9mo_SIGAF3_TGGGATTAGCTCCCTT-1-10x	0.02451133	0.0371935	3.91E-05
9mo_SIGAF3_TGGGATTAGTATAGGT-1-10x	0.12454738	0.393376	0.0020803
9mo_SIGAF3_TGGGATTCAACTGCCG-1-10x	0.05342175	0.14013027	0.00019264
9mo_SIGAF3_TGGGCGTCATCTTAGG-1-10x	0.04508822	0.11045836	9.39E-05
9mo_SIGAF3_TGGGCGTCTCCTGCA-1-10x	0.27524152	0.9299288	0.00075218
9mo_SIGAF3_TGGGCTGAGGTTACCT-1-10x	0.06263416	0.17293143	0.00052741
9mo_SIGAF3_TGGGCTGTCCACAAGT-1-10x	0.11226121	0.3496306	0.0028393
9mo_SIGAF3_TGGGTTACAGAGACTG-1-10x	0.29253137	0.99148995	0.00076378
9mo_SIGAF3_TGGGTTATCGTCACCT-1-10x	0.09243552	0.2790404	0.0043903
9mo_SIGAF3_TGGGTTATCTACTCAT-1-10x	0.25782764	0.8679259	0.000778
9mo_SIGAF3_TGGTACATCCTGCCAT-1-10x	0.01608994	0.0072088	3.33E-05
9mo_SIGAF3_TGGTAGTAGGTTTCATC-1-10x	0.14240788	0.45696905	0.0018718
9mo_SIGAF3_TGGTAGTTCGTAGCCG-1-10x	0.1068159	0.33024237	0.0034182
9mo_SIGAF3_TGGTGATCATTAGGCT-1-10x	0.05068269	0.13037771	0.00014746
9mo_SIGAF3_TGGTGATGTGAATGAT-1-10x	0.10219359	0.31378442	0.0039137
9mo_SIGAF3_TGGTTAGCAGTGCGCT-1-10x	0.15909892	0.5163982	0.0018209
9mo_SIGAF3_TGTAACGTCTACGCGG-1-10x	0.23790209	0.79698014	0.00088935
9mo_SIGAF3_TGTAAGCAGGCGAACT-1-10x	0.10264021	0.3153746	0.0039137
9mo_SIGAF3_TGTAAGCGTATGAGCG-1-10x	0.11278754	0.3515046	0.0028393
9mo_SIGAF3_TGTACAGCAGGCATGA-1-10x	0.08572537	0.25514862	0.0037839
9mo_SIGAF3_TGTAGACGTCCATAGT-1-10x	0.25322944	0.8515538	0.00079608
9mo_SIGAF3_TGTCCACGTTTCGATG-1-10x	0.04286783	0.10255259	8.29E-05
9mo_SIGAF3_TGTCCACTCATTATCC-1-10x	0.01617781	0.00752166	3.33E-05
9mo_SIGAF3_TGTCCACTCGGCCAA-1-10x	0.08664385	0.2584189	0.0039187
9mo_SIGAF3_TGTCCACAGCGTATT-1-10x	0.02564319	0.04122353	4.00E-05
9mo_SIGAF3_TGTCCAGTAGGAGGG-1-10x	0.02261183	0.03043023	3.76E-05
9mo_SIGAF3_TGTCCCATCACTAGCA-1-10x	0.0846108	0.25118014	0.0036353
9mo_SIGAF3_TGTCCCATCGTAGAGG-1-10x	0.08634286	0.25734723	0.0039187
9mo_SIGAF3_TGTGAGTAGGATTCAA-1-10x	0.16068536	0.52204674	0.0018
9mo_SIGAF3_TGTGATGGTGTGATGT-1-10x	0.20029432	0.6630761	0.0011985
9mo_SIGAF3_TGTGCGGGTGTGACCC-1-10x	0.01524932	0.00421571	3.27E-05
9mo_SIGAF3_TGTGGCGAGGCCACCT-1-10x	0.04452507	0.10845323	8.81E-05
9mo_SIGAF3_TGTGGCGCATTGAGCT-1-10x	0.06209661	0.17101747	0.00047505

9mo_SIGAF3_TGTGGCGTCCGTATGA-1-10x	0.19933183	0.65964913	0.0012085
9mo_SIGAF3_TGTGGCGTCTTTGCGC-1-10x	0.01864133	0.01629313	3.49E-05
9mo_SIGAF3_TGTGTGAGTTTGACAC-1-10x	0.2729529	0.92178005	0.0007526
9mo_SIGAF3_TGTTACTAGAGGCCAT-1-10x	0.17395578	0.56929666	0.0015922
9mo_SIGAF3_TGTTACTGTTCGGTCG-1-10x	0.04551367	0.11197319	9.39E-05
9mo_SIGAF3_TGTTACTTCATGCCAA-1-10x	0.04265614	0.10179883	7.82E-05
9mo_SIGAF3_TGTTTCATAGCTCAGAG-1-10x	0.07517035	0.21756706	0.001885
9mo_SIGAF3_TGTTCTAAGCGTACAG-1-10x	0.09433772	0.28581327	0.0044154
9mo_SIGAF3_TGTTCTACACGAAAGC-1-10x	0.23551664	0.78848666	0.00090278
9mo_SIGAF3_TGTTCTATCTGAGCAT-1-10x	0.14459835	0.46476832	0.0018716
9mo_SIGAF3_TGTTGAGCAGTCGAGA-1-10x	0.25074866	0.8427209	0.00080923
9mo_SIGAF3_TGTTGAGGTAAGTGC-1-10x	0.01880509	0.01687619	3.49E-05
9mo_SIGAF3_TGTTGGAGTAGTCGTT-1-10x	0.09352833	0.2829314	0.0044154
9mo_SIGAF3_TGTTGGAGTGGCTGAA-1-10x	0.13728558	0.4387309	0.0018842
9mo_SIGAF3_TGTTGGATCGTTCTGC-1-10x	0.03072828	0.05932922	4.68E-05
9mo_SIGAF3_TGTTTGTCATGCCGCA-1-10x	0.04857849	0.12288562	0.00012523
9mo_SIGAF3_TGTTTGTCGCTCCGA-1-10x	0.2666386	0.8992977	0.00075831
9mo_SIGAF3_TGTTTGTTTCAGTGGGA-1-10x	0.01928526	0.01858585	3.55E-05
9mo_SIGAF3_TTACAGGTCCAACCAA-1-10x	0.01893114	0.017325	3.49E-05
9mo_SIGAF3_TTACAGGTCTCTGCCA-1-10x	0.12323494	0.38870302	0.0021479
9mo_SIGAF3_TTACGCCAAGCGAAC-1-10x	0.07196054	0.20613839	0.0014433
9mo_SIGAF3_TTACGCCGTGATGAAT-1-10x	0.03388805	0.07057969	5.17E-05
9mo_SIGAF3_TTACGTTAGAGCGACT-1-10x	0.08502359	0.2526499	0.0037839
9mo_SIGAF3_TTACGTTAGTCATACC-1-10x	0.04858202	0.12289819	0.00012523
9mo_SIGAF3_TTACGTTTCATTTCAGGT-1-10x	0.2933496	0.9944033	0.00076488
9mo_SIGAF3_TTACTGTCAACACAGG-1-10x	0.05554635	0.14769499	0.000233
9mo_SIGAF3_TTAGGGTTCAGCTTTCC-1-10x	0.18702036	0.6158136	0.0013662
9mo_SIGAF3_TTAGTCTAGCGCCCAT-1-10x	0.06987454	0.1987111	0.0010821
9mo_SIGAF3_TTAGTCTCAGTTGGTT-1-10x	0.0691883	0.19626771	0.0010821
9mo_SIGAF3_TTAGTCTTCTTTCAGT-1-10x	0.18578526	0.61141604	0.0013809
9mo_SIGAF3_TTATTGCAGTAAGCAT-1-10x	0.08668695	0.2585724	0.0039187
9mo_SIGAF3_TTATTGCCACTGGACC-1-10x	0.14605276	0.46994683	0.0018717
9mo_SIGAF3_TTATTGCGTTTGTGGT-1-10x	0.14816889	0.4774814	0.0018713
9mo_SIGAF3_TTCAATCAGGTTTCAGG-1-10x	0.2332525	0.7804251	0.00092358
9mo_SIGAF3_TTCAATCGTATACAGA-1-10x	0.2471845	0.83003056	0.0008292
9mo_SIGAF3_TTCAATCGTGCATTAC-1-10x	0.04383896	0.10601033	8.81E-05
9mo_SIGAF3_TTCAATCTCTAGCCAA-1-10x	0.02408981	0.03569264	3.91E-05
9mo_SIGAF3_TTCAACGAGCAGCGAT-1-10x	0.02591175	0.04217976	4.09E-05
9mo_SIGAF3_TTCAACGGTCTGCGCA-1-10x	0.05090464	0.13116798	0.00014746
9mo_SIGAF3_TTCAACGCTCGACAAG-1-10x	0.26449427	0.8916627	0.00076135
9mo_SIGAF3_TTCAACGCTCTAAGCGT-1-10x	0.1239442	0.39122838	0.0021124

9mo_SIGAF3_TTCAGGAGTCCATAGT-1-10x	0.18012358	0.59125733	0.001475
9mo_SIGAF3_TTCATGTTCCGCTGTT-1-10x	0.08626981	0.25708714	0.0039187
9mo_SIGAF3_TTCATTGAGTGGGAAGA-1-10x	0.23048991	0.77058876	0.00094498
9mo_SIGAF3_TTCATTGTGAGCTGC-1-10x	0.0412813	0.09690367	7.40E-05
9mo_SIGAF3_TTCCAATAGCCTCCAG-1-10x	0.05545139	0.14735685	0.000233
9mo_SIGAF3_TTCCAATGTGTAGCAG-1-10x	0.22247729	0.74205947	0.0010033
9mo_SIGAF3_TTCCAATTCCGTATGA-1-10x	0.01748574	0.01217857	3.44E-05
9mo_SIGAF3_TTCCACGCACGGCACT-1-10x	0.11586165	0.3624501	0.002594
9mo_SIGAF3_TTCCACGGTCGTACAGC-1-10x	0.05951505	0.1618257	0.00034795
9mo_SIGAF3_TTCCACGTGAGAGAC-1-10x	0.10897461	0.3379285	0.0032165
9mo_SIGAF3_TTCCGGTAGCAATTCC-1-10x	0.04917366	0.12500475	0.00012523
9mo_SIGAF3_TTCCGGTAGCTAATGA-1-10x	0.03549701	0.07630847	5.58E-05
9mo_SIGAF3_TTCCGGTCAATTGAAG-1-10x	0.04329749	0.10408239	8.29E-05
9mo_SIGAF3_TTCCTAACATCATCTT-1-10x	0.02575821	0.04163306	4.00E-05
9mo_SIGAF3_TTCCTAACATCGCTGG-1-10x	0.0746914	0.21586174	0.001885
9mo_SIGAF3_TTCCTCTCACGTCATA-1-10x	0.24457486	0.8207388	0.00084583
9mo_SIGAF3_TTCCTCTTCCATTTCA-1-10x	0.20935325	0.6953308	0.0011095
9mo_SIGAF3_TTCCTTCAGAATAGTC-1-10x	0.20606884	0.68363655	0.001143
9mo_SIGAF3_TTCCTTCGTACAAGCG-1-10x	0.04267631	0.10187066	7.82E-05
9mo_SIGAF3_TTCCTTCGTTGCATGT-1-10x	0.01812589	0.01445788	3.44E-05
9mo_SIGAF3_TTCGATTAGTTAGAAC-1-10x	0.1279992	0.40566635	0.0020026
9mo_SIGAF3_TTCGATTTCCGGAGTAG-1-10x	0.01579688	0.00616533	3.33E-05
9mo_SIGAF3_TTCGGTCAGTTGTAGA-1-10x	0.09372903	0.28364602	0.0044154
9mo_SIGAF3_TTCGGTCCACTTGTGA-1-10x	0.22825962	0.76264775	0.00095947
9mo_SIGAF3_TTCGGTCTCCTACCAC-1-10x	0.04672347	0.11628074	0.00010777
9mo_SIGAF3_TTCTAACTCTGCGGGT-1-10x	0.1652282	0.5382217	0.0017353
9mo_SIGAF3_TTCTAGTTCCGGAATGG-1-10x	0.08345678	0.2470712	0.0034742
9mo_SIGAF3_TTCTCTCCATCCCACT-1-10x	0.07918424	0.23185867	0.002576
9mo_SIGAF3_TTCTGTAAAGGACTAAT-1-10x	0.03010305	0.05710305	4.55E-05
9mo_SIGAF3_TTCTGTACAATGTCTG-1-10x	0.10157847	0.31159425	0.0040036
9mo_SIGAF3_TTCTGTACAGAACTTC-1-10x	0.03380244	0.07027486	5.17E-05
9mo_SIGAF3_TTCTTCCCACCCTATC-1-10x	0.01607135	0.0071426	3.33E-05
9mo_SIGAF3_TTCTTCCGTTGATCGT-1-10x	0.14155461	0.45393094	0.0018724
9mo_SIGAF3_TTCTTGAGTTCTCACC-1-10x	0.26744038	0.9021525	0.00075705
9mo_SIGAF3_TTGAACGAGAACCCGA-1-10x	0.05458953	0.14428818	0.00021164
9mo_SIGAF3_TTGAACGGTCCCAAAT-1-10x	0.23728348	0.7947776	0.00088935
9mo_SIGAF3_TTGAACGTCCTCTTTC-1-10x	0.20749463	0.68871313	0.001126
9mo_SIGAF3_TTGACCCAGCCATTA-1-10x	0.21616043	0.7195681	0.001055
9mo_SIGAF3_TTGAGTGTCTGATGGT-1-10x	0.16758043	0.54659694	0.0017056
9mo_SIGAF3_TTGATGGCACCAACAT-1-10x	0.08988877	0.26997256	0.0042999
9mo_SIGAF3_TTGATGGCATGAGGGT-1-10x	0.21377136	0.71106166	0.0010701

9mo_SIGAF3_TTGCATTCAGCTACCG-1-10x	0.04847144	0.12250448	0.00012523
9mo_SIGAF3_TTGCATTCATGACGGA-1-10x	0.04402086	0.10665798	8.81E-05
9mo_SIGAF3_TTGCATTGTGTGGACA-1-10x	0.16340306	0.53172326	0.001763
9mo_SIGAF3_TTGCATTTGAGTCCG-1-10x	0.14548898	0.46793944	0.0018716
9mo_SIGAF3_TTGCCTGAGGAGAGGC-1-10x	0.0328467	0.06687193	5.00E-05
9mo_SIGAF3_TTGCCTGCAGCCAGT-1-10x	0.2581283	0.8689964	0.000778
9mo_SIGAF3_TTGCCTGCGTTTACTGG-1-10x	0.17450793	0.5712626	0.0015753
9mo_SIGAF3_TTGGATGAGATGCTAA-1-10x	0.02606706	0.04273272	4.09E-05
9mo_SIGAF3_TTGGATGCAATTGCGT-1-10x	0.03417338	0.07159562	5.17E-05
9mo_SIGAF3_TTGGGCGAGAGGGTCT-1-10x	0.24828888	0.83396274	0.00082396
9mo_SIGAF3_TTGGGTAAGGAGCAAA-1-10x	0.04366539	0.10539232	8.81E-05
9mo_SIGAF3_TTGGGTAAGTAGAATC-1-10x	0.14640671	0.47120705	0.0018717
9mo_SIGAF3_TTGGGTAGTAGGCTGA-1-10x	0.17381838	0.5688074	0.0015922
9mo_SIGAF3_TTGGGTAGTAGTCCGA-1-10x	0.05399638	0.14217626	0.00021164
9mo_SIGAF3_TTGGGTATCGGCATTA-1-10x	0.02405191	0.03555772	3.91E-05
9mo_SIGAF3_TTGGTTTAGCGTCTGC-1-10x	0.0518625	0.13457848	0.00016076
9mo_SIGAF3_TTGTGGAAGTATGGAT-1-10x	0.08995875	0.27022174	0.0042999
9mo_SIGAF3_TTGTGGACAGGATGAC-1-10x	0.24746977	0.8310463	0.0008292
9mo_SIGAF3_TTGTGGATCCAATGCA-1-10x	0.10787849	0.33402574	0.0033168
9mo_SIGAF3_TTGTTC AAGATGACAT-1-10x	0.17193182	0.5620902	0.0016256
9mo_SIGAF3_TTGTTC AAGCTGCCTG-1-10x	0.02263946	0.03052863	3.76E-05
9mo_SIGAF3_TTGTTC AAGTCAGCCC-1-10x	0.03918747	0.0894485	6.67E-05
9mo_SIGAF3_TTGTTC ACACGGAAGT-1-10x	0.02880925	0.05249641	4.42E-05
9mo_SIGAF3_TTGTTC AGTAAGCAAT-1-10x	0.15945509	0.51766634	0.0018109
9mo_SIGAF3_TTGTTC ATCATGGTAC-1-10x	0.04473301	0.10919362	9.39E-05
9mo_SIGAF3_TTGTTC GGTAGCTTAC-1-10x	0.11605805	0.3631494	0.0025211
9mo_SIGAF3_TTTACCAAGCCACAAG-1-10x	0.27059606	0.9133884	0.00075418
9mo_SIGAF3_TTTACCACAATAGGAT-1-10x	0.25016996	0.8406604	0.00081397
9mo_SIGAF3_TTTACCACACCAGACC-1-10x	0.08056117	0.23676127	0.0029431
9mo_SIGAF3_TTTACGTCAGAGTGAC-1-10x	0.06164425	0.16940682	0.00047505
9mo_SIGAF3_TTTATGCCAAGCACCC-1-10x	0.22055164	0.73520315	0.0010179
9mo_SIGAF3_TTTATGCCAGGTAGTG-1-10x	0.04955228	0.12635286	0.00013566
9mo_SIGAF3_TTTATGCGTTGCGTAT-1-10x	0.01572094	0.00589496	3.33E-05
9mo_SIGAF3_TTTATGCTCACGATCA-1-10x	0.24930124	0.83756727	0.00081888
9mo_SIGAF3_TTTCAGTAGACTCTTG-1-10x	0.07608315	0.2208171	0.0020486
9mo_SIGAF3_TTTCAGTAGTGAGGTC-1-10x	0.02356161	0.03381198	3.83E-05
9mo_SIGAF3_TTTCATGGTCCCTGTT-1-10x	0.02039805	0.02254801	3.62E-05
9mo_SIGAF3_TTTCATGGTCTGGTC-1-10x	0.20323743	0.6735552	0.0011699
9mo_SIGAF3_TTTCCTCGTCTGAAT-1-10x	0.17850006	0.58547676	0.0015081
9mo_SIGAF3_TTTCCTCGTCTGGGT-1-10x	0.02309379	0.03214627	3.83E-05
9mo_SIGAF3_TTGTACTGTCTTGCTC-1-10x	0.03529401	0.07558568	5.58E-05

9mo_SIGAF3_TTTGACTGTGTTAACC-1-10x	0.01706042	0.01066423	3.38E-05
9mo_SIGAF3_TTTGATCAGACCCGCT-1-10x	0.04063562	0.09460472	7.01E-05
9mo_SIGAF3_TTTGATCAGACTGTTC-1-10x	0.17676473	0.579298	0.0015416
9mo_SIGAF3_TTTGGAGAGGCTAACG-1-10x	0.06243964	0.17223883	0.00047505
9mo_SIGAF3_TTTGGAGCACAGCTTA-1-10x	0.04208115	0.09975158	7.82E-05
9mo_SIGAF3_TTTGGAGGTTTGTGG-1-10x	0.19806738	0.655147	0.0012187
9mo_SIGAF3_TTTGGAGTCGACGCGT-1-10x	0.0281712	0.05022461	4.30E-05
9mo_SIGAF3_TTTGGTTCAACTGATC-1-10x	0.05050929	0.12976032	0.00014746
9mo_SIGAF3_TTTGTTGAGAAGCTCG-1-10x	0.06969375	0.1980674	0.0010821
9mo_SIGAF3_AAAGGATAGCTTAAGA-1-10x	0.06051957	0.16540235	0.00038577
9mo_SIGAF3_AAAGGATGTGATCGTT-1-10x	0.02347094	0.03348913	3.83E-05
9mo_SIGAF3_AAAGGGCAGTTCCTGA-1-10x	0.28425053	0.9620057	0.00075605
9mo_SIGAF3_AAAGTCCGTTAATCGC-1-10x	0.0272191	0.04683461	4.19E-05
9mo_SIGAF3_AAAGTGAGTGCCACA-1-10x	0.01768397	0.01288441	3.44E-05
9mo_SIGAF3_AAATGGACAATAGGAT-1-10x	0.01698266	0.01038734	3.38E-05
9mo_SIGAF3_AACAAAGCAAGTCATC-1-10x	0.08954956	0.26876482	0.0042295
9mo_SIGAF3_AACAAGATCGGCATCG-1-10x	0.12795208	0.4054986	0.0020026
9mo_SIGAF3_AACACACTCCGACGGT-1-10x	0.07630754	0.22161604	0.0020486
9mo_SIGAF3_AACAGGGTCCCGAGTG-1-10x	0.03313878	0.06791189	5.00E-05
9mo_SIGAF3_AACCAACAGGTCTACT-1-10x	0.27923146	0.94413507	0.00075266
9mo_SIGAF3_AACCACAAGTAGCCAG-1-10x	0.10217691	0.313725	0.0039137
9mo_SIGAF3_AACCACACAGACTCTA-1-10x	0.07345925	0.2114746	0.0015819
9mo_SIGAF3_AACCTTTTCACAGTGT-1-10x	0.22269312	0.74282795	0.0010033
9mo_SIGAF3_AACGGGATCATTCGTT-1-10x	0.14366224	0.4614353	0.0018716
9mo_SIGAF3_AACGTCAAGTCAGGCAA-1-10x	0.19038941	0.6278093	0.0013113
9mo_SIGAF3_AACTTCTGTATCGCGC-1-10x	0.07957548	0.23325169	0.0027593
9mo_SIGAF3_AACTTCTGTCTTCAAG-1-10x	0.01802781	0.01410867	3.44E-05
9mo_SIGAF3_AACTTCTTCTACAAG-1-10x	0.25150695	0.84542084	0.00080467
9mo_SIGAF3_AAGACAACAACCTCCCT-1-10x	0.25310162	0.8510987	0.00080028
9mo_SIGAF3_AAGACAACACTTGGGC-1-10x	0.22533132	0.7522214	0.00098137
9mo_SIGAF3_AAGACAAGTTCGGCGT-1-10x	0.01552538	0.00519865	3.33E-05
9mo_SIGAF3_AAGATAGCAGAACTAA-1-10x	0.1504438	0.4855813	0.0018694
9mo_SIGAF3_AAGATAGTCAACTTTC-1-10x	0.04428545	0.10760006	8.81E-05
9mo_SIGAF3_AAGCGAGCAGTTCTAG-1-10x	0.15556942	0.50383127	0.0018459
9mo_SIGAF3_AAGGAATCACACCAGC-1-10x	0.02725442	0.04696037	4.19E-05
9mo_SIGAF3_AAGGTAACACATTCTT-1-10x	0.03174122	0.06293582	4.83E-05
9mo_SIGAF3_AAGTCGTAGAAGATCT-1-10x	0.02099288	0.02466591	3.62E-05
9mo_SIGAF3_AAGTGAACACTAGGTT-1-10x	0.08280662	0.24475628	0.0033032
9mo_SIGAF3_AAGTGAAGTTGTACGT-1-10x	0.01925883	0.01849176	3.55E-05
9mo_SIGAF3_AATCACGTCTAGAGCT-1-10x	0.0528226	0.13799694	0.00017575
9mo_SIGAF3_AATCGACCAGTGACCC-1-10x	0.12764901	0.40441948	0.0020026

9mo_SIGAF3_AATCGTGCAGATCACT-1-10x	0.11860038	0.37220144	0.0023898
9mo_SIGAF3_AATGAAGCAACCCGCA-1-10x	0.02376677	0.03454247	3.83E-05
9mo_SIGAF3_AATGCCATCCGTCCTA-1-10x	0.0523792	0.13641821	0.00017575
9mo_SIGAF3_AATGGAATCAACTGAC-1-10x	0.09383141	0.2840105	0.0044154
9mo_SIGAF3_AATGGCTGTTGGTACT-1-10x	0.08424223	0.24986783	0.0036353
9mo_SIGAF3_AATTCTGTTCTTAGG-1-10x	0.04723406	0.11809871	0.00010777
9mo_SIGAF3_AATTTCCCATGGAACG-1-10x	0.03240513	0.06529971	5.00E-05
9mo_SIGAF3_ACAAAGAAGGCACAAC-1-10x	0.08098738	0.2382788	0.0029431
9mo_SIGAF3_ACAAAGACAGGTTACT-1-10x	0.04195683	0.09930894	7.82E-05
9mo_SIGAF3_ACAAAGATCATGAGAA-1-10x	0.09307343	0.2813117	0.0044107
9mo_SIGAF3_ACAACCAGTTGACTAC-1-10x	0.01745295	0.01206183	3.44E-05
9mo_SIGAF3_ACACAGTTCGGCAGTC-1-10x	0.24036229	0.80573976	0.00086997
9mo_SIGAF3_ACACGCGCACCGCTAG-1-10x	0.08433066	0.25018272	0.0036353
9mo_SIGAF3_ACAGAAAAGAAGCTGC-1-10x	0.2843872	0.96249235	0.00075605
9mo_SIGAF3_ACAGAAAGTAACCCGC-1-10x	0.07967839	0.23361811	0.0027593
9mo_SIGAF3_ACAGAAATCGTAGTCA-1-10x	0.14807837	0.47715908	0.0018713
9mo_SIGAF3_ACAGCCGAGCAAGCCA-1-10x	0.04234077	0.10067595	7.82E-05
9mo_SIGAF3_ACAGCCGGTCCAACGC-1-10x	0.08354446	0.24738342	0.0034742
9mo_SIGAF3_ACATCCCCAACTAGA-1-10x	0.07416327	0.21398129	0.0017292
9mo_SIGAF3_ACATCGAAGAATTTGG-1-10x	0.24761386	0.8315593	0.00082396
9mo_SIGAF3_ACATGCAAGGCTCACC-1-10x	0.10002438	0.30606085	0.0040879
9mo_SIGAF3_ACCAAACTCTGCTCTG-1-10x	0.04763009	0.1195088	0.00011598
9mo_SIGAF3_ACCAACATCCACCTCA-1-10x	0.06217395	0.17129283	0.00047505
9mo_SIGAF3_ACCATTTAGCAACTTC-1-10x	0.04674914	0.11637213	0.00010777
9mo_SIGAF3_ACCCAAAAGCGTTCCG-1-10x	0.02378782	0.0346174	3.83E-05
9mo_SIGAF3_ACCCAAATCGTAATG-1-10x	0.04805485	0.12102118	0.00011598
9mo_SIGAF3_ACCCTTGTCATTGGA-1-10x	0.08623886	0.25697693	0.0039187
9mo_SIGAF3_ACCGTTTCAGGTGCATG-1-10x	0.04189684	0.09909534	7.82E-05
9mo_SIGAF3_ACCTACCAGTCGTCTA-1-10x	0.13114148	0.4168546	0.001934
9mo_SIGAF3_ACCTACCGTTAGAGTA-1-10x	0.01593228	0.00664742	3.33E-05
9mo_SIGAF3_ACCTGAACACTAACGT-1-10x	0.02624594	0.04336963	4.09E-05
9mo_SIGAF3_ACCTGAAGTCGTGTTA-1-10x	0.05830889	0.15753111	0.00031414
9mo_SIGAF3_ACCTGTCTCGCAGATT-1-10x	0.08929983	0.26787564	0.0042295
9mo_SIGAF3_ACGATCAGTCATCCGG-1-10x	0.05448206	0.14390552	0.00021164
9mo_SIGAF3_ACGATGTCACGAGAAC-1-10x	0.02772473	0.04863493	4.30E-05
9mo_SIGAF3_ACGATGTGTCCCGCAA-1-10x	0.2473334	0.83056074	0.0008292
9mo_SIGAF3_ACGGGTCAGAGTCTGG-1-10x	0.05540367	0.14718695	0.000233
9mo_SIGAF3_ACGGGTCTCTGCGGCA-1-10x	0.02179725	0.02752988	3.69E-05
9mo_SIGAF3_ACGGTTACAAAGTATG-1-10x	0.08214138	0.24238767	0.0031253
9mo_SIGAF3_ACGTAACGTACGCGTC-1-10x	0.02786247	0.04912537	4.30E-05
9mo_SIGAF3_ACGTAACTCGACGATT-1-10x	0.12552284	0.39684916	0.0020515

9mo_SIGAF3_ACGTACACAACCCTCT-1-10x	0.24572612	0.8248379	0.00083459
9mo_SIGAF3_ACGTCCTGTACCGTCG-1-10x	0.10611995	0.32776436	0.00352
9mo_SIGAF3_ACGTTCCACTCTCGT-1-10x	0.07578179	0.21974409	0.0020486
9mo_SIGAF3_ACTACGAGTCGGAAAC-1-10x	0.02055753	0.02311583	3.62E-05
9mo_SIGAF3_ACTATCTCAGTTCCAA-1-10x	0.02711154	0.04645165	4.19E-05
9mo_SIGAF3_ACTGATGGTTTGGCTA-1-10x	0.0724108	0.20774156	0.0014433
9mo_SIGAF3_ACTGCAAAGAGTCAAT-1-10x	0.0362192	0.07887985	5.82E-05
9mo_SIGAF3_ACTGCAACAGCAAGAC-1-10x	0.02645957	0.04413027	4.09E-05
9mo_SIGAF3_ACTGCAATCAGACCCG-1-10x	0.04456176	0.10858387	8.81E-05
9mo_SIGAF3_ACTGTCCAGTTACTCG-1-10x	0.26727578	0.9015664	0.00075705
9mo_SIGAF3_ACTGTCCCACATGACT-1-10x	0.15171473	0.4901065	0.0018651
9mo_SIGAF3_ACTGTGAGTCACTACA-1-10x	0.23553991	0.7885695	0.00090278
9mo_SIGAF3_ACTTCCGGTGTCAATTG-1-10x	0.27376923	0.9246866	0.0007526
9mo_SIGAF3_ACTTCGCCACTGCATA-1-10x	0.1164593	0.36457807	0.0025211
9mo_SIGAF3_ACTTCGCTCTGTCCGT-1-10x	0.03277601	0.06662023	5.00E-05
9mo_SIGAF3_ACTTTCATCGCGTGAC-1-10x	0.19267212	0.635937	0.0012861
9mo_SIGAF3_AGAAATGAGCAATAAC-1-10x	0.0370941	0.08199497	6.07E-05
9mo_SIGAF3_AGAAGCGCACACTTAG-1-10x	0.01730837	0.01154704	3.38E-05
9mo_SIGAF3_AGAAGCGGTTGCGGAA-1-10x	0.05934798	0.16123083	0.00034795
9mo_SIGAF3_AGAAGCGTCAAACGAA-1-10x	0.2262892	0.755632	0.00097406
9mo_SIGAF3_AGAAGTATCAGCGCGT-1-10x	0.08760797	0.2618517	0.0040384
9mo_SIGAF3_AGAAGTATCGTTGCCT-1-10x	0.22983372	0.7682524	0.00094498
9mo_SIGAF3_AGACAAAAGACGTCCC-1-10x	0.03760567	0.08381645	6.07E-05
9mo_SIGAF3_AGACAAAAGGATACGC-1-10x	0.17495032	0.5728377	0.0015753
9mo_SIGAF3_AGACAAACAGCCGTTG-1-10x	0.01866343	0.0163718	3.49E-05
9mo_SIGAF3_AGACACTCAGCGTGAA-1-10x	0.01601397	0.00693828	3.33E-05
9mo_SIGAF3_AGACAGGCATGAGAAT-1-10x	0.19146295	0.6316317	0.0012985
9mo_SIGAF3_AGACAGGTCCACTGGG-1-10x	0.01502541	0.00341846	3.27E-05
9mo_SIGAF3_AGACCATCACGGCTAC-1-10x	0.09395609	0.28445446	0.0044154
9mo_SIGAF3_AGACCCGAGGAAGTCC-1-10x	0.02633561	0.04368893	4.09E-05
9mo_SIGAF3_AGACCCGGTTTCGACA-1-10x	0.02566255	0.04129247	4.00E-05
9mo_SIGAF3_AGAGCCCCACCAAATC-1-10x	0.28079423	0.9496994	0.00075348
9mo_SIGAF3_AGATCCACAGCTGGTC-1-10x	0.10215792	0.3136574	0.0039137
9mo_SIGAF3_AGATGAAGTTGTTTGG-1-10x	0.04706492	0.1174965	0.00010777
9mo_SIGAF3_AGATGCTAGTGATAAC-1-10x	0.02088091	0.02426723	3.62E-05
9mo_SIGAF3_AGCATCAGTAAGAACT-1-10x	0.08793621	0.2630204	0.0041422
9mo_SIGAF3_AGCCAATAGTAGGGTC-1-10x	0.2622605	0.88370925	0.00076727
9mo_SIGAF3_AGCCAATGTCCGGTGT-1-10x	0.25376734	0.853469	0.00079608
9mo_SIGAF3_AGCCAATGTTCCAGGC-1-10x	0.0380737	0.08548287	6.36E-05
9mo_SIGAF3_AGCGATTGTCATAGTC-1-10x	0.04372635	0.10560937	8.81E-05
9mo_SIGAF3_AGCGCCAGTATAGCTC-1-10x	0.0711313	0.20318586	0.0013138

9mo_SIGAF3_AGC GCCAGTCGTCGGT-1-10x	0.09111567	0.27434102	0.0043535
9mo_SIGAF3_AGC GTATAGAGTCTGG-1-10x	0.09305958	0.28126237	0.0044107
9mo_SIGAF3_AGC GTATGTAGAGTTA-1-10x	0.05257731	0.13712358	0.00017575
9mo_SIGAF3_AGCTCAAAGACATCAA-1-10x	0.0215895	0.02679018	3.69E-05
9mo_SIGAF3_AGCTCAATCCAGTGTA-1-10x	0.24246116	0.81321293	0.00085764
9mo_SIGAF3_AGCTCAATCCGCAACG-1-10x	0.04696271	0.11713257	0.00010777
9mo_SIGAF3_AGCTTCCCATCTAGAC-1-10x	0.04869242	0.12329126	0.00012523
9mo_SIGAF3_AGCTTCCGTCCAGCCA-1-10x	0.02172375	0.02726819	3.69E-05
9mo_SIGAF3_AGGAAATCATCTGTTT-1-10x	0.01576129	0.0060386	3.33E-05
9mo_SIGAF3_AGGAAATGTACGGTTT-1-10x	0.13279216	0.4227319	0.0019219
9mo_SIGAF3_AGGAATAAGCGAGTAC-1-10x	0.04535389	0.11140429	9.39E-05
9mo_SIGAF3_AGGACGAGTGCCTAAT-1-10x	0.06987585	0.19871578	0.0010821
9mo_SIGAF3_AGGACTTCATCATTGG-1-10x	0.20241404	0.6706234	0.0011699
9mo_SIGAF3_AGGATAATCCAGCCTT-1-10x	0.04075924	0.09504484	7.01E-05
9mo_SIGAF3_AGGATCTCAAATTGCC-1-10x	0.08512509	0.2530113	0.0037839
9mo_SIGAF3_AGGATCTTCAGTCCGG-1-10x	0.08650444	0.25792256	0.0039187
9mo_SIGAF3_AGGATCTTCATATGGC-1-10x	0.08260703	0.24404564	0.0033032
9mo_SIGAF3_AGGCATTAGGTCTGGA-1-10x	0.09232115	0.27863318	0.0043903
9mo_SIGAF3_AGGCATTAGTGCATC-1-10x	0.2381024	0.7976934	0.00088278
9mo_SIGAF3_AGGCCACGTAATACCC-1-10x	0.02358752	0.03390424	3.83E-05
9mo_SIGAF3_AGGGAGTAGTATGAAC-1-10x	0.04945226	0.12599672	0.00013566
9mo_SIGAF3_AGGGCCTGTAATTGGA-1-10x	0.11684264	0.36594296	0.0025211
9mo_SIGAF3_AGGGCCTTCATCACCC-1-10x	0.07388071	0.21297523	0.0017292
9mo_SIGAF3_AGGGTCCAGTACAGCG-1-10x	0.09540097	0.28959903	0.0043808
9mo_SIGAF3_AGGGTCCGTTGCACGC-1-10x	0.04765741	0.11960607	0.00011598
9mo_SIGAF3_AGGGTTTGTGGCAACA-1-10x	0.08426259	0.24994032	0.0036353
9mo_SIGAF3_AGGTAGGCAGAGGAAA-1-10x	0.15354097	0.49660888	0.0018617
9mo_SIGAF3_AGGTAGGTCCCTAGC-1-10x	0.01832756	0.01517592	3.49E-05
9mo_SIGAF3_AGGTAGGTCCGGCTGGT-1-10x	0.03404301	0.07113145	5.17E-05
9mo_SIGAF3_AGGTCATGTTCGTATGT-1-10x	0.23119792	0.7731097	0.00093779
9mo_SIGAF3_AGGTCATGTGGTACAG-1-10x	0.05865281	0.15875567	0.00031414
9mo_SIGAF3_AGGTTACAGGTAGTAT-1-10x	0.08179921	0.24116936	0.0031253
9mo_SIGAF3_AGGTTACCAAATAAG-1-10x	0.1460736	0.47002098	0.0018717
9mo_SIGAF3_AGGTTACTCTGGAGAG-1-10x	0.01665578	0.00922348	3.38E-05
9mo_SIGAF3_AGTAACCAGAATACAC-1-10x	0.0281265	0.05006545	4.30E-05
9mo_SIGAF3_AGTAACCGTATTCCGA-1-10x	0.0246503	0.0376883	3.91E-05
9mo_SIGAF3_AGTACCACAAGCACCC-1-10x	0.07875902	0.23034465	0.002576
9mo_SIGAF3_AGTCACAGTATGCGGA-1-10x	0.04436543	0.10788482	8.81E-05
9mo_SIGAF3_AGTCATGAGATCGGTG-1-10x	0.2756289	0.93130803	0.00075218
9mo_SIGAF3_AGTCATGGTGAGTTGG-1-10x	0.14430849	0.46373627	0.0018716
9mo_SIGAF3_AGTCATGTCACCTTAT-1-10x	0.0325284	0.0657386	5.00E-05

9mo_SIGAF3_AGTGATCCAATCGAAA-1-10x	0.16404808	0.5340198	0.0017494
9mo_SIGAF3_AGTGCCGAGTATAGGT-1-10x	0.15673406	0.507978	0.0018385
9mo_SIGAF3_AGTGCCGCACACCGAC-1-10x	0.07676936	0.22326039	0.0022191
9mo_SIGAF3_AGTGTTGAGTTTCGAC-1-10x	0.08211444	0.24229178	0.0031253
9mo_SIGAF3_AGTGTTGGTCTCGACG-1-10x	0.0386903	0.08767831	6.36E-05
9mo_SIGAF3_AGTGTTGTCAAGTAAG-1-10x	0.12541798	0.39647582	0.0020515
9mo_SIGAF3_AGTTCGAAGCAGAAAG-1-10x	0.08340239	0.24687755	0.0034742
9mo_SIGAF3_ATACCGACACTTCCTG-1-10x	0.06137693	0.16845502	0.00042799
9mo_SIGAF3_ATAGACCGTCAGTTTG-1-10x	0.03388631	0.07057352	5.17E-05
9mo_SIGAF3_ATAGACCTCCAAGCG-1-10x	0.09624506	0.29260442	0.0043808
9mo_SIGAF3_ATAGAGAGTGCTAGCC-1-10x	0.21679391	0.7218236	0.0010475
9mo_SIGAF3_ATAGGCTTCGAGAATA-1-10x	0.02299864	0.0318075	3.83E-05
9mo_SIGAF3_ATCACAGGTATGGAAT-1-10x	0.10272799	0.31568715	0.0039137
9mo_SIGAF3_ATCACAGGTGATAGGAC-1-10x	0.27710307	0.9365569	0.00075222
9mo_SIGAF3_ATCACAGTCATAGACC-1-10x	0.04626346	0.11464286	0.00010046
9mo_SIGAF3_ATCACTTGTACCGGAA-1-10x	0.0935189	0.2828978	0.0044154
9mo_SIGAF3_ATCAGGTGTGATACCT-1-10x	0.09765846	0.29763687	0.0042943
9mo_SIGAF3_ATCCATTAGACTCCGC-1-10x	0.10036676	0.30727988	0.0040879
9mo_SIGAF3_ATCCGTCTCGTGAGAG-1-10x	0.18265493	0.60027033	0.0014427
9mo_SIGAF3_ATCCTATTCGTGCAGC-1-10x	0.02285069	0.03128073	3.76E-05
9mo_SIGAF3_ATCGATGGTCCCTAAA-1-10x	0.03225734	0.06477349	4.83E-05
9mo_SIGAF3_ATCGCCTAGGGTTTCT-1-10x	0.01891958	0.01728385	3.49E-05
9mo_SIGAF3_ATCGGATCACACCTTC-1-10x	0.14641675	0.47124282	0.0018717
9mo_SIGAF3_ATCGGCGGTGTAGGAC-1-10x	0.13973075	0.44743705	0.001875
9mo_SIGAF3_ATCGTAGAGCACTCCG-1-10x	0.25397843	0.8542206	0.00079608
9mo_SIGAF3_ATCGTAGGTGGTTTAC-1-10x	0.09013377	0.27084494	0.0042999
9mo_SIGAF3_ATCGTCTCACCGCTT-1-10x	0.27918547	0.94397134	0.00075266
9mo_SIGAF3_ATCGTGAGTTGCATTG-1-10x	0.2499593	0.8399104	0.00081397
9mo_SIGAF3_ATCTTCAAGCTATCCA-1-10x	0.21669053	0.7214555	0.0010475
9mo_SIGAF3_ATGAGGGGTTCTGTGCG-1-10x	0.01559866	0.00545954	3.33E-05
9mo_SIGAF3_ATGAGTCAGAAAGCGA-1-10x	0.09713232	0.29576355	0.0043435
9mo_SIGAF3_ATGGAGGAGCCAAGGT-1-10x	0.08311118	0.2458407	0.0034742
9mo_SIGAF3_ATGGATCTCGAGAGCA-1-10x	0.04783062	0.12022279	0.00011598
9mo_SIGAF3_ATGGGAGGTAGCGTAG-1-10x	0.08790554	0.26291123	0.0041422
9mo_SIGAF3_ATGGGTTAGGTTGTTC-1-10x	0.19879803	0.6577485	0.0012085
9mo_SIGAF3_ATGGTTGGTTTGTGGT-1-10x	0.02624386	0.04336225	4.09E-05
9mo_SIGAF3_ATGTCCCAGAATTCC-1-10x	0.10652261	0.32919806	0.00352
9mo_SIGAF3_ATGTCTTTCGAACACT-1-10x	0.18759571	0.61786216	0.0013519
9mo_SIGAF3_ATTACTCGTATGGAAT-1-10x	0.01897839	0.01749322	3.49E-05
9mo_SIGAF3_ATTACTCTCCGCTTAC-1-10x	0.01566037	0.00567929	3.33E-05
9mo_SIGAF3_ATTACTCTCGGCTGAC-1-10x	0.06835231	0.19329114	0.00097948

9mo_SIGAF3_ATTCAGGCACTACTTT-1-10x	0.01611552	0.00729986	3.33E-05
9mo_SIGAF3_ATTCAGGGTCGGAACA-1-10x	0.1385902	0.44337606	0.0018772
9mo_SIGAF3_ATTCATCGTATTCTCT-1-10x	0.03909366	0.08911448	6.67E-05
9mo_SIGAF3_ATTCTATCTTACCAT-1-10x	0.0555554	0.14772722	0.000233
9mo_SIGAF3_ATTCTTGAGCTTCATG-1-10x	0.02085386	0.02417092	3.62E-05
9mo_SIGAF3_ATTCTTGCACTACTGG-1-10x	0.17214881	0.5628629	0.0016256
9mo_SIGAF3_ATTCTTGTCGGTCTGG-1-10x	0.01785172	0.01348168	3.44E-05
9mo_SIGAF3_ATTGGGTAGGCCACCT-1-10x	0.08786777	0.26277673	0.0041422
9mo_SIGAF3_ATTGGGTGTTCCGCTT-1-10x	0.01788418	0.01359726	3.44E-05
9mo_SIGAF3_ATTGTTCCACCAGCTG-1-10x	0.07948297	0.23292232	0.0027593
9mo_SIGAF3_CAACTCGTATCGGTT-1-10x	0.18260902	0.6001069	0.0014427
9mo_SIGAF3_CAACTCGTGCCTACG-1-10x	0.02924028	0.0540311	4.42E-05
9mo_SIGAF3_CAATTTCCAATGCAAA-1-10x	0.07093184	0.20247565	0.0013138
9mo_SIGAF3_CAATTTTCGTCAGGTC-1-10x	0.0189832	0.01751034	3.49E-05
9mo_SIGAF3_CAATTTTCGTTATTCCT-1-10x	0.086727	0.25871497	0.0039187
9mo_SIGAF3_CAATTTTCGTTCCGCTT-1-10x	0.03606197	0.07832003	5.58E-05
9mo_SIGAF3_CACACAACATGGCTAT-1-10x	0.05459715	0.14431532	0.00021164
9mo_SIGAF3_CACCGTTAGGCCCAAA-1-10x	0.2306124	0.7710249	0.00093779
9mo_SIGAF3_CACGAATGTGTTTCGTA-1-10x	0.15539043	0.503194	0.0018522
9mo_SIGAF3_CACGAATTCTTGGAAC-1-10x	0.01560898	0.00549629	3.33E-05
9mo_SIGAF3_CACTAAGAGGATTTGA-1-10x	0.03721731	0.08243367	6.07E-05
9mo_SIGAF3_CACTAAGCAAGAGGTC-1-10x	0.03198234	0.06379435	4.83E-05
9mo_SIGAF3_CACTGAAAGCCAAGCA-1-10x	0.08520616	0.25329995	0.0037839
9mo_SIGAF3_CACTGTCCAGAGGAAA-1-10x	0.04491407	0.10983831	9.39E-05
9mo_SIGAF3_CAGATACCACGCCACA-1-10x	0.08305388	0.24563667	0.0033032
9mo_SIGAF3_CAGATCAAGAGAGGTA-1-10x	0.04746338	0.11891521	0.00011598
9mo_SIGAF3_CAGATCAAGTACGAGC-1-10x	0.04273395	0.10207589	8.29E-05
9mo_SIGAF3_CAGATTGGTTGTGGCC-1-10x	0.01607772	0.00716526	3.33E-05
9mo_SIGAF3_CAGCAATAGATGGTAT-1-10x	0.07616337	0.22110273	0.0020486
9mo_SIGAF3_CAGCCAGAGAATTCAG-1-10x	0.08445242	0.25061622	0.0036353
9mo_SIGAF3_CAGCCAGCAAACCATC-1-10x	0.25072765	0.8426461	0.00080923
9mo_SIGAF3_CAGGCCACAGAGGCTA-1-10x	0.28044018	0.94843876	0.00075348
9mo_SIGAF3_CAGGCCATCTGATTCT-1-10x	0.02451289	0.03719903	3.91E-05
9mo_SIGAF3_CAGGGCTCATTAGGCT-1-10x	0.08595666	0.25597212	0.0039187
9mo_SIGAF3_CAGGTATCACTTGGGC-1-10x	0.15124676	0.48844025	0.0018676
9mo_SIGAF3_CAGTTAGGTCTCTCTG-1-10x	0.03925037	0.08967245	6.67E-05
9mo_SIGAF3_CAGTTAGGTGAGACCA-1-10x	0.02045067	0.02273534	3.62E-05
9mo_SIGAF3_CAGTTAGTCTCCGAAA-1-10x	0.02950118	0.05496006	4.42E-05
9mo_SIGAF3_CATAAGCAGATGTTAG-1-10x	0.12287643	0.38742653	0.0021479
9mo_SIGAF3_CATACAGTCCCTCGAT-1-10x	0.08355581	0.24742381	0.0034742
9mo_SIGAF3_CATACTTAGAACTAC-1-10x	0.26246879	0.8844509	0.00076727

9mo_SIGAF3_CATACTTAGGATCATA-1-10x	0.03894584	0.08858815	6.36E-05
9mo_SIGAF3_CATACTTCAACGTA-1-10x	0.08668584	0.2585684	0.0039187
9mo_SIGAF3_CATAGACAGGCCAAA-1-10x	0.08340415	0.24688381	0.0034742
9mo_SIGAF3_CATAGACCAGAAGTGC-1-10x	0.11892562	0.37335947	0.0023317
9mo_SIGAF3_CATCCACAGTTTCTTC-1-10x	0.09914279	0.30292192	0.0041652
9mo_SIGAF3_CATCCACCAGTCGCAC-1-10x	0.07961265	0.23338403	0.0027593
9mo_SIGAF3_CATGAGTACTAACGT-1-10x	0.06089459	0.1667376	0.00042799
9mo_SIGAF3_CATGAGTGTCCCGCAA-1-10x	0.08306325	0.24567002	0.0033032
9mo_SIGAF3_CATGCAAAGGTCCGAA-1-10x	0.06216689	0.17126769	0.00047505
9mo_SIGAF3_CATGCCTAGAACGTGC-1-10x	0.05115546	0.13206102	0.00014746
9mo_SIGAF3_CATGCCTTCGTAACAC-1-10x	0.04653869	0.11562282	0.00010777
9mo_SIGAF3_CATGCGGTCGTTTACT-1-10x	0.13915248	0.4453781	0.0018772
9mo_SIGAF3_CATGGTAAGCCGAACA-1-10x	0.28105053	0.95061195	0.00075348
9mo_SIGAF3_CATGGTACAGTCTGGC-1-10x	0.03998534	0.09228934	7.01E-05
9mo_SIGAF3_CATTCAATCAATGCAC-1-10x	0.01786196	0.01351812	3.44E-05
9mo_SIGAF3_CATTCCGAGGCATCGA-1-10x	0.09247819	0.27919233	0.0043903
9mo_SIGAF3_CATTCCGCACGGCACT-1-10x	0.252726	0.84976125	0.00080028
9mo_SIGAF3_CATTGTTCAAGTAGAAT-1-10x	0.01731179	0.01155922	3.38E-05
9mo_SIGAF3_CATTGTTTCTGGAGAG-1-10x	0.04898522	0.1243338	0.00012523
9mo_SIGAF3_CATTTCAAGTCTCAGAT-1-10x	0.09469622	0.28708974	0.0044051
9mo_SIGAF3_CCACACTTCACAATGC-1-10x	0.09010507	0.27074274	0.0042999
9mo_SIGAF3_CCACGAGGTATTAAGG-1-10x	0.09229951	0.27855614	0.0043903
9mo_SIGAF3_CCACGAGTCGCCACTT-1-10x	0.03973819	0.09140938	6.67E-05
9mo_SIGAF3_CCACGTTACGCACCA-1-10x	0.01663014	0.00913219	3.38E-05
9mo_SIGAF3_CCACGTTACGCGTGT-1-10x	0.22464946	0.7497936	0.00098869
9mo_SIGAF3_CCACGTTTCACTTTGT-1-10x	0.08907581	0.267078	0.0042295
9mo_SIGAF3_CCACTTGAGTCGGGAT-1-10x	0.03900075	0.08878369	6.67E-05
9mo_SIGAF3_CCAACTAGCAGGTCA-1-10x	0.2391255	0.80133617	0.00087632
9mo_SIGAF3_CCCTCTCCACAAACGG-1-10x	0.01599345	0.00686524	3.33E-05
9mo_SIGAF3_CCCTTAGGTCACTCAA-1-10x	0.1516662	0.48993367	0.0018676
9mo_SIGAF3_CCGAACGAGGTA-1-10x	0.2934434	0.9947373	0.00076488
9mo_SIGAF3_CCGAACGAGGTGCCAA-1-10x	0.01929033	0.0186039	3.55E-05
9mo_SIGAF3_CCGCAAGAGGAGCTGT-1-10x	0.04120836	0.09664397	7.40E-05
9mo_SIGAF3_CCGGACACATTGAAGA-1-10x	0.03521796	0.07531488	5.58E-05
9mo_SIGAF3_CCGGACAGTTGCTGAT-1-10x	0.16327645	0.5312725	0.001763
9mo_SIGAF3_CCGGACAGTTTGGGTT-1-10x	0.23448142	0.7848007	0.00090964
9mo_SIGAF3_CCGGTAGCACCTATCC-1-10x	0.2489888	0.83645487	0.00081888
9mo_SIGAF3_CCGGTGACAAACGTGG-1-10x	0.02287782	0.03137733	3.76E-05
9mo_SIGAF3_CCTAACCAATCGCGC-1-10x	0.0878041	0.26255003	0.0041422
9mo_SIGAF3_CCTACGTAGGTACATA-1-10x	0.10815283	0.33500254	0.0033168
9mo_SIGAF3_CCTACGTAGTGAATAC-1-10x	0.01691893	0.01016042	3.38E-05

9mo_SIGAF3_CCTCAACGTGGTAATA-1-10x	0.09748666	0.2970252	0.0042943
9mo_SIGAF3_CCTCAGTCAGTTTGGT-1-10x	0.08505326	0.25275552	0.0037839
9mo_SIGAF3_CCTCATGCACCTGTCT-1-10x	0.16549155	0.5391594	0.0017353
9mo_SIGAF3_CCTCTAGGTGAGTTGG-1-10x	0.10423499	0.32105288	0.0037215
9mo_SIGAF3_CCTCTCCCACGCTGCA-1-10x	0.09683689	0.29471165	0.0043435
9mo_SIGAF3_CCTGCATGTCCGGACT-1-10x	0.07554196	0.21889018	0.001885
9mo_SIGAF3_CCTTCAGGTGGTATGG-1-10x	0.02105632	0.02489178	3.62E-05
9mo_SIGAF3_CCTTGTGAGCGAGGAG-1-10x	0.04927098	0.12535127	0.00012523
9mo_SIGAF3_CCTTTGGGTAGGCTGA-1-10x	0.04134108	0.09711652	7.40E-05
9mo_SIGAF3_CGAAGTTTCTATTGTC-1-10x	0.02114405	0.02520416	3.69E-05
9mo_SIGAF3_CGAATTGGTGGCTGCT-1-10x	0.04860251	0.12297115	0.00012523
9mo_SIGAF3_CGAGAAGTCTGTCGCT-1-10x	0.0819675	0.24176858	0.0031253
9mo_SIGAF3_CGAGGCTAGTAGAGTT-1-10x	0.09306598	0.28128517	0.0044107
9mo_SIGAF3_CGATCGGCAACCGTGC-1-10x	0.02362321	0.03403131	3.83E-05
9mo_SIGAF3_CGATCGGTCGGCATAT-1-10x	0.0330514	0.06760077	5.00E-05
9mo_SIGAF3_CGATGCGGTAACACGG-1-10x	0.19000219	0.6264306	0.0013244
9mo_SIGAF3_CGCAGGTGTTTGAAA-1-10x	0.0286109	0.05179017	4.30E-05
9mo_SIGAF3_CGCAGGTTCTTGGGCG-1-10x	0.25910315	0.8724674	0.00077499
9mo_SIGAF3_CGCATAAGTCTAATCG-1-10x	0.10643116	0.32887244	0.00352
9mo_SIGAF3_CGCATGGAGGATTTGA-1-10x	0.09115169	0.2744693	0.0043535
9mo_SIGAF3_CGCATGGGTACCATAC-1-10x	0.06456024	0.17978929	0.00064991
9mo_SIGAF3_CGCATGGGTGTATACC-1-10x	0.03135648	0.06156595	4.68E-05
9mo_SIGAF3_CGGAATTGTGGTCCGT-1-10x	0.13509604	0.43093497	0.0018953
9mo_SIGAF3_CGGACACAGCTGAAAT-1-10x	0.18403931	0.60519946	0.0014112
9mo_SIGAF3_CGGAGAACAGTTAAAG-1-10x	0.02025934	0.0220541	3.62E-05
9mo_SIGAF3_CGGGCATAGAGATCGC-1-10x	0.21266381	0.7071182	0.0010856
9mo_SIGAF3_CGGGCATAGGTTGGTG-1-10x	0.02201766	0.02831466	3.69E-05
9mo_SIGAF3_CGGGTCATCCTTCTTC-1-10x	0.03594264	0.07789516	5.58E-05
9mo_SIGAF3_CGGGTCATCGACACCG-1-10x	0.0253375	0.04013509	4.00E-05
9mo_SIGAF3_CGGTCAGGTACGCGTC-1-10x	0.22658457	0.75668365	0.00097406
9mo_SIGAF3_CGTAATGCACTCAAGT-1-10x	0.1309019	0.41600156	0.001948
9mo_SIGAF3_CGTAATnatCGTCACCT-1-10x	0.18510121	0.6089804	0.0013959
9mo_SIGAF3_CGTCCATAGGTCCGAA-1-10x	0.02617931	0.04313241	4.09E-05
9mo_SIGAF3_CGTGAATAGACCATTC-1-10x	0.0222856	0.02926869	3.76E-05
9mo_SIGAF3_CGTGAATTCGCTGATA-1-10x	0.24370557	0.8176437	0.00085167
9mo_SIGAF3_CGTGCTTAGTATCCTG-1-10x	0.01859678	0.0161345	3.49E-05
9mo_SIGAF3_CGTGTCTTCAAGCGTT-1-10x	0.09641746	0.29321826	0.0043435
9mo_SIGAF3_CGTTAGAGTTTATGCG-1-10x	0.01588474	0.00647817	3.33E-05
9mo_SIGAF3_CTAACCCAGCTTTGA-1-10x	0.02710091	0.0464138	4.19E-05
9mo_SIGAF3_CTAACCTCAGTAGGG-1-10x	0.26465783	0.89224505	0.00076135
9mo_SIGAF3_CTAACCTTCCTCTCTT-1-10x	0.02632538	0.04365249	4.09E-05

9mo_SIGAF3_CTACCCACACATGACT-1-10x	0.05151538	0.13334255	0.00016076
9mo_SIGAF3_CTACCTGTCACGTAGT-1-10x	0.04170669	0.09841829	7.40E-05
9mo_SIGAF3_CTACTATTCAACCCGG-1-10x	0.2458473	0.8252694	0.00083459
9mo_SIGAF3_CTACTATTCAGACCTA-1-10x	0.23359329	0.78163844	0.00091657
9mo_SIGAF3_CTAGACAGTAAGATTG-1-10x	0.08079288	0.2375863	0.0029431
9mo_SIGAF3_CTAGACATCGCGTAGC-1-10x	0.06339016	0.1756232	0.00058553
9mo_SIGAF3_CTAGGTAAGATGGTAT-1-10x	0.03345137	0.06902487	5.17E-05
9mo_SIGAF3_CTAGGTATCTGCGGGT-1-10x	0.17090924	0.5584493	0.0016421
9mo_SIGAF3_CTATAGGCAATAACGA-1-10x	0.01859595	0.01613152	3.49E-05
9mo_SIGAF3_CTATCCGAGAGAGCAA-1-10x	0.01923954	0.01842306	3.55E-05
9mo_SIGAF3_CTATCCGGTTCGATTCA-1-10x	0.25225794	0.84809476	0.00080028
9mo_SIGAF3_CTATCTAAGAGGCCAT-1-10x	0.0180691	0.01425566	3.44E-05
9mo_SIGAF3_CTCAACCAGCGACAGT-1-10x	0.08555441	0.25453994	0.0037839
9mo_SIGAF3_CTCAACCAGTTCCAGT-1-10x	0.03919781	0.08948533	6.67E-05
9mo_SIGAF3_CTCAACCGTGAGATTA-1-10x	0.08891358	0.26650038	0.0042295
9mo_SIGAF3_CTCAAGACATAACCCA-1-10x	0.24943276	0.8380356	0.00081397
9mo_SIGAF3_CTCAAGAGTCTCACGG-1-10x	0.25106275	0.8438392	0.00080923
9mo_SIGAF3_CTCAATTCATGAGATA-1-10x	0.01600092	0.00689183	3.33E-05
9mo_SIGAF3_CTCAGAAAGGATTTGA-1-10x	0.17852785	0.5855757	0.0015081
9mo_SIGAF3_CTCAGAAATCTAGTCAG-1-10x	0.1268575	0.4016013	0.0020256
9mo_SIGAF3_CTCAGGGAGCACCGAA-1-10x	0.0221313	0.0287193	3.76E-05
9mo_SIGAF3_CTCAGTCCAATTCTTC-1-10x	0.26466206	0.89226013	0.00076135
9mo_SIGAF3_CTCATTACAGCATTGT-1-10x	0.02329196	0.03285186	3.83E-05
9mo_SIGAF3_CTCATTATCGAGAGAC-1-10x	0.09954684	0.30436057	0.0041652
9mo_SIGAF3_CTCCATGCACACAGCC-1-10x	0.13239773	0.4213275	0.0019219
9mo_SIGAF3_CTCCATGTCACTGATG-1-10x	0.11403236	0.35593683	0.0027534
9mo_SIGAF3_CTCCCTCGTAATGATG-1-10x	0.04895931	0.12424155	0.00012523
9mo_SIGAF3_CTCCTCCAGTGTGGA-1-10x	0.24134375	0.8092343	0.00086374
9mo_SIGAF3_CTCCTTTGTATCAGCT-1-10x	0.21389472	0.71150094	0.0010701
9mo_SIGAF3_CTCTCAGAGACTTCCA-1-10x	0.08680178	0.25898123	0.0039187
9mo_SIGAF3_CTCTCAGAGCAGCCCT-1-10x	0.08028406	0.2357746	0.0027593
9mo_SIGAF3_CTCTCAGAGGTGCGCT-1-10x	0.11555883	0.3613719	0.002594
9mo_SIGAF3_CTCTGGTCATATGCGT-1-10x	0.26115376	0.87976867	0.00076963
9mo_SIGAF3_CTGAATGAGCTGCGAA-1-10x	0.06705511	0.18867241	0.00079936
9mo_SIGAF3_CTGAATGCACTTACAG-1-10x	0.05165909	0.13385424	0.00016076
9mo_SIGAF3_CTGATCCGTTAGCTAC-1-10x	0.14475176	0.46531454	0.0018716
9mo_SIGAF3_CTGCAGGGTTAAGAAC-1-10x	0.1964781	0.6494883	0.00124
9mo_SIGAF3_CTGCAGGTCATTCTTG-1-10x	0.0403298	0.09351581	7.01E-05
9mo_SIGAF3_CTGCATCAGCATCCCG-1-10x	0.04192679	0.09920197	7.82E-05
9mo_SIGAF3_CTGCATCGTCGTGGAA-1-10x	0.03339559	0.06882625	5.17E-05
9mo_SIGAF3_CTGCCTAAGTAGAATC-1-10x	0.22942954	0.7668133	0.0009522

9mo_SIGAF3_CTGCTCATCGCTCATC-1-10x	0.2462061	0.8265469	0.00083459
9mo_SIGAF3_CTGGACGTCTGAGATC-1-10x	0.22518452	0.7516987	0.00098137
9mo_SIGAF3_CTGGCAGTCGTTTCAGA-1-10x	0.0804408	0.23633268	0.0029431
9mo_SIGAF3_CTGTACCTCGCGTTTC-1-10x	0.03666459	0.0804657	5.82E-05
9mo_SIGAF3_CTGTAGAAGGATACGC-1-10x	0.02991716	0.05644118	4.55E-05
9mo_SIGAF3_CTGTAGAAGGCCATAG-1-10x	0.0239103	0.0350535	3.83E-05
9mo_SIGAF3_CTGTATTAGCGCCGTT-1-10x	0.0220956	0.02859218	3.76E-05
9mo_SIGAF3_CTGTTCGTAGCCATTGT-1-10x	0.08095105	0.23814946	0.0029431
9mo_SIGAF3_CTGTGAATCATCGGGC-1-10x	0.01751116	0.01226909	3.44E-05
9mo_SIGAF3_CTGTGGGCACCTCTAC-1-10x	0.09103213	0.27404356	0.0043535
9mo_SIGAF3_CTTACCGAGTGCACCTT-1-10x	0.03110782	0.06068056	4.68E-05
9mo_SIGAF3_CTTCCGACACACGGAA-1-10x	0.03921346	0.08954104	6.67E-05
9mo_SIGAF3_CTTCTTAGCTTGTGT-1-10x	0.09449514	0.28637376	0.0044051
9mo_SIGAF3_CTTCCGGTAGTCACTGT-1-10x	0.18248315	0.5996587	0.0014427
9mo_SIGAF3_CTTCTAAGTCGGATTT-1-10x	0.20691614	0.6866534	0.0011344
9mo_SIGAF3_CTTCTCTCAGAGCGTA-1-10x	0.14625987	0.47068426	0.0018717
9mo_SIGAF3_CTTGATTCAAATCGGG-1-10x	0.08662991	0.25836927	0.0039187
9mo_SIGAF3_CTTTCGGAGTTAACAG-1-10x	0.13021846	0.41356814	0.001948
9mo_SIGAF3_GAAACCTAGAAGAACG-1-10x	0.01529235	0.00436894	3.27E-05
9mo_SIGAF3_GAACACTTCCAACCGG-1-10x	0.03530318	0.07561833	5.58E-05
9mo_SIGAF3_GAACTGTGTGTGTGGA-1-10x	0.0514451	0.13309233	0.00016076
9mo_SIGAF3_GAAGAATCAGGCTATT-1-10x	0.04511333	0.11054777	9.39E-05
9mo_SIGAF3_GAAGAATGTATCTCGA-1-10x	0.12013001	0.3776478	0.0022788
9mo_SIGAF3_GAAGAATTCTACCAGA-1-10x	0.02091656	0.02439418	3.62E-05
9mo_SIGAF3_GAAGCGAGTGTCATA-1-10x	0.08980413	0.2696712	0.0042999
9mo_SIGAF3_GAAGGGTAGCGTCAAG-1-10x	0.28112555	0.95087904	0.00075348
9mo_SIGAF3_GAAGTAAAGGTGATCG-1-10x	0.0207718	0.02387875	3.62E-05
9mo_SIGAF3_GAATAGAAGGATGAGA-1-10x	0.02900076	0.05317831	4.42E-05
9mo_SIGAF3_GAATAGATCTACTGCC-1-10x	0.01628271	0.00789516	3.33E-05
9mo_SIGAF3_GAATCACGTAATCAGA-1-10x	0.05377484	0.14138743	0.00019264
9mo_SIGAF3_GAATCACGTGACCGTC-1-10x	0.01646979	0.00856124	3.38E-05
9mo_SIGAF3_GAATCGTGTGAGTAGC-1-10x	0.03295995	0.06727517	5.00E-05
9mo_SIGAF3_GACACGCGTTTAAGGA-1-10x	0.15406138	0.4984618	0.0018575
9mo_SIGAF3_GACAGCCAGCTAGCCC-1-10x	0.02601788	0.04255761	4.09E-05
9mo_SIGAF3_GACATCATCAGTGTGT-1-10x	0.08574187	0.2552074	0.0037839
9mo_SIGAF3_GACCCAGTCTGAGGCC-1-10x	0.07196635	0.20615909	0.0014433
9mo_SIGAF3_GACCCCTCACGCGTGT-1-10x	0.01550668	0.00513206	3.33E-05
9mo_SIGAF3_GACCGTGAGAACTTCC-1-10x	0.08355343	0.24741536	0.0034742
9mo_SIGAF3_GACCGTGGTATGTCAC-1-10x	0.05225124	0.13596259	0.00017575
9mo_SIGAF3_GACCTTCCAACCAACT-1-10x	0.04325178	0.10391966	8.29E-05
9mo_SIGAF3_GACCTTCCAGGAAGTC-1-10x	0.0453344	0.11133491	9.39E-05

9mo_SIGAF3_GACGTTATCTGCGAGC-1-10x	0.04664261	0.11599284	0.00010777
9mo_SIGAF3_GACTATGAGACAGTCG-1-10x	0.03358204	0.06949012	5.17E-05
9mo_SIGAF3_GACTCTCGTCGGTAAG-1-10x	0.08733414	0.26087672	0.0040384
9mo_SIGAF3_GACTCTCTCGTTCTAT-1-10x	0.0418037	0.09876368	7.82E-05
9mo_SIGAF3_GACTTCCTCAGCGCAC-1-10x	0.02499318	0.03890913	4.00E-05
9mo_SIGAF3_GACTTCCTCTATCCAT-1-10x	0.14684384	0.47276348	0.0018717
9mo_SIGAF3_GAGACCCAGGGCCCTT-1-10x	0.28513744	0.9651636	0.00075686
9mo_SIGAF3_GAGACCCTCCTGGCTT-1-10x	0.20593382	0.6831558	0.001143
9mo_SIGAF3_GAGACTTTCCAAGTAG-1-10x	0.20058899	0.66412526	0.0011888
9mo_SIGAF3_GAGCCTGCATATAGCC-1-10x	0.21034858	0.6988747	0.0011014
9mo_SIGAF3_GAGGCAAAGCCGCACT-1-10x	0.02350904	0.03362481	3.83E-05
9mo_SIGAF3_GAGGCAACACGGGCTT-1-10x	0.09593726	0.2915085	0.0043808
9mo_SIGAF3_GAGGCAAGTAGGTAGC-1-10x	0.01850755	0.01581678	3.49E-05
9mo_SIGAF3_GAGGCAATCTCATTTG-1-10x	0.01618244	0.00753813	3.33E-05
9mo_SIGAF3_GAGGCCTTCGCGCTGA-1-10x	0.2937991	0.9960038	0.000766
9mo_SIGAF3_GAGGGATCAAATTGCC-1-10x	0.29061002	0.9846489	0.00076163
9mo_SIGAF3_GAGGGATGTAGCACAG-1-10x	0.08037655	0.23610394	0.0029431
9mo_SIGAF3_GAGGGTAGTGTTGCCG-1-10x	0.14058787	0.45048884	0.0018734
9mo_SIGAF3_GAGTGAGTCACTTTGT-1-10x	0.03891166	0.08846647	6.36E-05
9mo_SIGAF3_GAGTTACAGGACCCAA-1-10x	0.0828871	0.24504285	0.0033032
9mo_SIGAF3_GAGTTTGCACATCATG-1-10x	0.01579467	0.00615746	3.33E-05
9mo_SIGAF3_GAGTTTGGTGCCAAGA-1-10x	0.02676824	0.0452293	4.19E-05
9mo_SIGAF3_GAGTTTGGTTAGGAGC-1-10x	0.06068115	0.16597766	0.00042799
9mo_SIGAF3_GATAGAATCGCTATTT-1-10x	0.08802383	0.26333237	0.0041422
9mo_SIGAF3_GATCATGAGGTGCGAT-1-10x	0.04268622	0.10190596	7.82E-05
9mo_SIGAF3_GATCATGGTACGACTT-1-10x	0.23376189	0.7822388	0.00091657
9mo_SIGAF3_GATCCCTCAGTTTGGT-1-10x	0.22767885	0.7605799	0.00096676
9mo_SIGAF3_GATCCCTCCGCACTT-1-10x	0.0553383	0.14695422	0.000233
9mo_SIGAF3_GATCGTAAGCCATTTG-1-10x	0.1878244	0.6186764	0.0013519
9mo_SIGAF3_GATCGTACAAAGGGTC-1-10x	0.0332901	0.06845068	5.00E-05
9mo_SIGAF3_GATCGTACATGGCACC-1-10x	0.18398425	0.6050034	0.0014112
9mo_SIGAF3_GATGACTCACTTGACA-1-10x	0.15446487	0.4998985	0.0018575
9mo_SIGAF3_GATGATCGTGATGGCA-1-10x	0.16244939	0.52832764	0.001776
9mo_SIGAF3_GATGATCGTTATCCAG-1-10x	0.28940418	0.9803555	0.0007606
9mo_SIGAF3_GATGCTAAGCATGGGT-1-10x	0.06502105	0.18143006	0.00064991
9mo_SIGAF3_GATGGAGAGGGATCAC-1-10x	0.08865933	0.2655951	0.0041422
9mo_SIGAF3_GATTTCGACACCGTGAC-1-10x	0.01802187	0.01408751	3.44E-05
9mo_SIGAF3_GATTTCTCAGCCCACA-1-10x	0.05387216	0.14173396	0.00019264
9mo_SIGAF3_GCAACCGTCTCAGAAC-1-10x	0.07769989	0.22657359	0.0023954
9mo_SIGAF3_GCACATAAGATGCCGA-1-10x	0.08658072	0.25819415	0.0039187
9mo_SIGAF3_GCACGTGAGGTCGACA-1-10x	0.23340543	0.78096956	0.00091657

9mo_SIGAF3_GCACGTGCATAGATGA-1-10x	0.24234149	0.8127868	0.00085764
9mo_SIGAF3_GCACGTGTCAGCGGAA-1-10x	0.09535044	0.2894191	0.0043808
9mo_SIGAF3_GCAGCTGGTTAATGAG-1-10x	0.06720877	0.18921953	0.00088537
9mo_SIGAF3_GCAGGCTAGCTAGAGC-1-10x	0.01681629	0.00979498	3.38E-05
9mo_SIGAF3_GCAGTTAGTCATTCCC-1-10x	0.02525611	0.0398453	4.00E-05
9mo_SIGAF3_GCATCTCCACGGCTAC-1-10x	0.04971253	0.12692343	0.00013566
9mo_SIGAF3_GCATGATGTTCCAAAC-1-10x	0.21608198	0.7192887	0.001055
9mo_SIGAF3_GCCAACGCATTGAGGG-1-10x	0.08324246	0.24630813	0.0034742
9mo_SIGAF3_GCCAGGTTGATACAC-1-10x	0.03162473	0.06252106	4.83E-05
9mo_SIGAF3_GCCATGGAGAGGCGGA-1-10x	0.01928598	0.01858841	3.55E-05
9mo_SIGAF3_GCCATGGGTAAGCCG-1-10x	0.04707537	0.11753369	0.00010777
9mo_SIGAF3_GCCATGGGTAGACTGG-1-10x	0.04404475	0.10674306	8.81E-05
9mo_SIGAF3_GCCATTCTCGAACCTA-1-10x	0.044593	0.1086951	9.39E-05
9mo_SIGAF3_GCCGATGAGGACAAGA-1-10x	0.03701665	0.08171919	5.82E-05
9mo_SIGAF3_GCCGATGTCGCATTGA-1-10x	0.07053198	0.20105194	0.0011935
9mo_SIGAF3_GCCGATGTCTTCGCTG-1-10x	0.23305152	0.7797095	0.00092358
9mo_SIGAF3_GCCTGTTGTGACAGGT-1-10x	0.09127336	0.27490246	0.0043535
9mo_SIGAF3_GCCTGTTTCCATTTCGC-1-10x	0.14836253	0.47817084	0.0018713
9mo_SIGAF3_GCGAGAAAGACCAACG-1-10x	0.2639336	0.88966644	0.00076313
9mo_SIGAF3_GCGAGAACAACGACAG-1-10x	0.01852008	0.0158614	3.49E-05
9mo_SIGAF3_GCGGAAAGTACACGCC-1-10x	0.0552609	0.14667861	0.000233
9mo_SIGAF3_GCGGATCTCGAGCTGC-1-10x	0.24155582	0.8099894	0.00086374
9mo_SIGAF3_GCGTGCAGTCGATTAC-1-10x	0.02748026	0.0477645	4.19E-05
9mo_SIGAF3_GCGTTTCCATGAGTAA-1-10x	0.24496098	0.82211363	0.00084014
9mo_SIGAF3_GCGTTTCTGTCCCTT-1-10x	0.08398783	0.24896204	0.0034742
9mo_SIGAF3_GCTACAAGTAGCTTGT-1-10x	0.0168139	0.00978646	3.38E-05
9mo_SIGAF3_GCTCAAACACGTCATA-1-10x	0.08403683	0.24913651	0.0034742
9mo_SIGAF3_GCTCAAAGTGTGACT-1-10x	0.0279998	0.04961435	4.30E-05
9mo_SIGAF3_GCTCAAATCACATTGG-1-10x	0.01518818	0.00399802	3.27E-05
9mo_SIGAF3_GCTCAAATCTCCAATT-1-10x	0.02607329	0.04275493	4.09E-05
9mo_SIGAF3_GCTGAATCAGGCCCTA-1-10x	0.08790761	0.26291856	0.0041422
9mo_SIGAF3_GCTGAATGTTGCGTTA-1-10x	0.0465862	0.11579199	0.00010777
9mo_SIGAF3_GCTTCACTCGGACTTA-1-10x	0.06871875	0.19459584	0.00097948
9mo_SIGAF3_GCTTTCGCATGTTACG-1-10x	0.02480488	0.03823869	3.91E-05
9mo_SIGAF3_GGAACCCAGATTGGGC-1-10x	0.01590768	0.00655982	3.33E-05
9mo_SIGAF3_GGAAGTGAGAATTGTG-1-10x	0.03702278	0.08174105	5.82E-05
9mo_SIGAF3_GGAAGTGGTACAAACA-1-10x	0.02719673	0.04675498	4.19E-05
9mo_SIGAF3_GGAATCTTCTGCACCT-1-10x	0.08197222	0.24178538	0.0031253
9mo_SIGAF3_GGACGTCGTGGGCTCT-1-10x	0.07989377	0.23438497	0.0027593
9mo_SIGAF3_GGAGATGCAGTAACGG-1-10x	0.01782704	0.0133938	3.44E-05
9mo_SIGAF3_GGAGATGGTCGCGTCA-1-10x	0.0449928	0.11011863	9.39E-05

9mo_SIGAF3_GGAGCAAGTGTGTA-1-10x	0.15617009	0.50596994	0.0018459
9mo_SIGAF3_GGAGGATAGATAGCAT-1-10x	0.2587466	0.8711979	0.000778
9mo_SIGAF3_GGAGGATTCAAACTGC-1-10x	0.0510494	0.13168341	0.00014746
9mo_SIGAF3_GGAGGTATCATTACGG-1-10x	0.08509765	0.2529136	0.0037839
9mo_SIGAF3_GGCAGTCAGCAGCACA-1-10x	0.23974462	0.8035405	0.00087632
9mo_SIGAF3_GGCTGTGAGCCTCTCT-1-10x	0.05535799	0.14702432	0.000233
9mo_SIGAF3_GGCTTTCAGGAATTAC-1-10x	0.04680812	0.11658215	0.00010777
9mo_SIGAF3_GGCTTTCGTGGCCTA-1-10x	0.18678153	0.61496323	0.0013662
9mo_SIGAF3_GGGACAAAGCATCGAG-1-10x	0.04420799	0.10732429	8.81E-05
9mo_SIGAF3_GGGACAATCCAGTGTA-1-10x	0.03339171	0.06881245	5.17E-05
9mo_SIGAF3_GGGAGATGTTTCGGCCA-1-10x	0.11306509	0.35249284	0.0028393
9mo_SIGAF3_GGGATGAGTTCAATCG-1-10x	0.01742218	0.01195229	3.44E-05
9mo_SIGAF3_GGGCCATAGAGGCGGA-1-10x	0.04801546	0.12088092	0.00011598
9mo_SIGAF3_GGGCCATCACATTGTG-1-10x	0.02024863	0.02201598	3.62E-05
9mo_SIGAF3_GGGCCATGTGCGTCA-1-10x	0.15786827	0.51201636	0.0018302
9mo_SIGAF3_GGGCGTTTCTCGACGG-1-10x	0.04579169	0.1129631	0.00010046
9mo_SIGAF3_GGGTAGAAGGGTTTCT-1-10x	0.04388335	0.10616838	8.81E-05
9mo_SIGAF3_GGGTAGAGTGGCCACT-1-10x	0.04440018	0.10800856	8.81E-05
9mo_SIGAF3_GGGTCACGTACGTGC-1-10x	0.11815988	0.37063304	0.0023898
9mo_SIGAF3_GGGTCACTCCATTTCG-1-10x	0.07953542	0.23310904	0.0027593
9mo_SIGAF3_GGGTCTGTGACATTG-1-10x	0.06172545	0.16969593	0.00047505
9mo_SIGAF3_GGGTGAATCAGCTGAT-1-10x	0.05220941	0.13581367	0.00017575
9mo_SIGAF3_GGGTGAATCCACAGGC-1-10x	0.22243887	0.74192274	0.0010033
9mo_SIGAF3_GGGTGTCCAGGTGTTT-1-10x	0.0568838	0.15245701	0.00028394
9mo_SIGAF3_GGGTTTAGTTGCTCAA-1-10x	0.24385273	0.8181677	0.00084583
9mo_SIGAF3_GGTAATCGTAGCTGCC-1-10x	0.06646141	0.18655853	0.00079936
9mo_SIGAF3_GGTCACGAGCTGAAGC-1-10x	0.02459229	0.03748175	3.91E-05
9mo_SIGAF3_GGTCACGAGGAACATT-1-10x	0.01699345	0.01042578	3.38E-05
9mo_SIGAF3_GGTCACGTCCACTTTA-1-10x	0.07908096	0.23149094	0.002576
9mo_SIGAF3_GGTCACGTCTTCTGTA-1-10x	0.03989868	0.09198079	7.01E-05
9mo_SIGAF3_GGTGGCTCATCGGCCA-1-10x	0.05144693	0.13309883	0.00016076
9mo_SIGAF3_GGTTAACCATACACCA-1-10x	0.01648412	0.00861226	3.38E-05
9mo_SIGAF3_GGTTAACTCCATCAGA-1-10x	0.13596979	0.43404597	0.0018891
9mo_SIGAF3_GGTTCTCAGCGAGTCA-1-10x	0.06170011	0.16960572	0.00047505
9mo_SIGAF3_GGTTCTCAGTCGGCCT-1-10x	0.04784112	0.1202602	0.00011598
9mo_SIGAF3_GGTTGTAGTCCTCATC-1-10x	0.0215346	0.02659473	3.69E-05
9mo_SIGAF3_GTAACCACAACCGTAT-1-10x	0.04404621	0.10674825	8.81E-05
9mo_SIGAF3_GTAATCGCAAGTTGGG-1-10x	0.2515919	0.8457233	0.00080467
9mo_SIGAF3_GTAATCGCATGTGACT-1-10x	0.04780879	0.12014507	0.00011598
9mo_SIGAF3_GTAATGCTCAGGAAAT-1-10x	0.10764747	0.33320317	0.0033168
9mo_SIGAF3_GTAATGCTCTAACGCA-1-10x	0.08810778	0.26363128	0.0041422

9mo_SIGAF3_GTAGAGGAGTGGAAGA-1-10x	0.12926294	0.41016597	0.0019639
9mo_SIGAF3_GTAGCTAAGTCAGGGT-1-10x	0.14874215	0.4795225	0.0018713
9mo_SIGAF3_GTAGGAGAGTAGGGTC-1-10x	0.24886484	0.8360135	0.00081888
9mo_SIGAF3_GTATTGGAGAGTTGAT-1-10x	0.01960159	0.01971215	3.55E-05
9mo_SIGAF3_GTATTTCTCACCTCAC-1-10x	0.0289821	0.05311186	4.42E-05
9mo_SIGAF3_GTCAAACCTCAAGTCGT-1-10x	0.08696431	0.25955993	0.0040384
9mo_SIGAF3_GTCAAGTTCGCTAGCG-1-10x	0.26453567	0.8918101	0.00076135
9mo_SIGAF3_GTCACTCTCCTTATGT-1-10x	0.09150618	0.27573144	0.0043535
9mo_SIGAF3_GTCATGACAAAGACTA-1-10x	0.04010453	0.09271374	7.01E-05
9mo_SIGAF3_GTCATGACAGCGACCT-1-10x	0.03768022	0.08408187	6.07E-05
9mo_SIGAF3_GTCATGACAGCTGTTA-1-10x	0.02496732	0.03881704	4.00E-05
9mo_SIGAF3_GTCATTTCAAAGCG-1-10x	0.03324671	0.06829619	5.00E-05
9mo_SIGAF3_GTCCACTGTAGTTAGA-1-10x	0.05018101	0.12859148	0.00013566
9mo_SIGAF3_GTCCCATAGGGACTGT-1-10x	0.01919752	0.01827345	3.49E-05
9mo_SIGAF3_GTCCCATAGTAAGCAT-1-10x	0.08296492	0.24531993	0.0033032
9mo_SIGAF3_GTCCTCAGTATCCTCC-1-10x	0.04304577	0.10318615	8.29E-05
9mo_SIGAF3_GTCGCGAGTAGCACGA-1-10x	0.27311724	0.9223652	0.0007526
9mo_SIGAF3_GTCGCGATCCGATAAC-1-10x	0.27602166	0.9327065	0.00075214
9mo_SIGAF3_GTCTACCCACTGAATC-1-10x	0.05840528	0.15787432	0.00031414
9mo_SIGAF3_GTCTAGATCGTGGGTC-1-10x	0.01936283	0.01886204	3.55E-05
9mo_SIGAF3_GTCTCACTCGAGAATA-1-10x	0.03283753	0.06683926	5.00E-05
9mo_SIGAF3_GTCTGTCAGCGCAATG-1-10x	0.08609711	0.2564722	0.0039187
9mo_SIGAF3_GTCTTTATCACTCGAA-1-10x	0.02907172	0.05343093	4.42E-05
9mo_SIGAF3_GTCTTTATCAGCTGTA-1-10x	0.1275067	0.4039128	0.0020026
9mo_SIGAF3_GTGAGCCGTGTAAACA-1-10x	0.08433197	0.25018737	0.0036353
9mo_SIGAF3_GTGAGGAGTAACCCTA-1-10x	0.04820091	0.12154124	0.00011598
9mo_SIGAF3_GTGAGGAGTTGCGGCT-1-10x	0.03663363	0.08035545	5.82E-05
9mo_SIGAF3_GTGAGGATCTGTGCTC-1-10x	0.04987838	0.12751393	0.00013566
9mo_SIGAF3_GTGAGTTTCGCAATGT-1-10x	0.03456305	0.07298305	5.37E-05
9mo_SIGAF3_GTGATGTCATGCGGTC-1-10x	0.01718016	0.01109055	3.38E-05
9mo_SIGAF3_GTGATGTGTGGGACAT-1-10x	0.02556207	0.04093468	4.00E-05
9mo_SIGAF3_GTGGAAGGTCCCGCAA-1-10x	0.22310925	0.7443096	0.00099599
9mo_SIGAF3_GTGGAAGGCGGATAC-1-10x	0.1252528	0.39588767	0.0020803
9mo_SIGAF3_GTGGAAGTGGTCCGT-1-10x	0.2423369	0.8127705	0.00085764
9mo_SIGAF3_GTGTCCTGTCCTCAGG-1-10x	0.15432434	0.4993981	0.0018575
9mo_SIGAF3_GTTACCCGTGGACTGA-1-10x	0.01692706	0.01018938	3.38E-05
9mo_SIGAF3_GTTACGATCTGGACCG-1-10x	0.18137312	0.5957064	0.0014587
9mo_SIGAF3_GTTAGACGTTGCAAGG-1-10x	0.22528806	0.7520674	0.00098137
9mo_SIGAF3_GTTCCGTTCCGTGCGA-1-10x	0.21940398	0.7311169	0.0010253
9mo_SIGAF3_GTTGCTAGGACTATA-1-10x	0.07214204	0.20678464	0.0014433
9mo_SIGAF3_GTTGCTCACATATGC-1-10x	0.18343846	0.6030601	0.0014268

9mo_SIGAF3_GTTCTATTCGTAGCCG-1-10x	0.14791565	0.4765797	0.0018716
9mo_SIGAF3_GTTGCTCAGGAACGTC-1-10x	0.04408297	0.10687913	8.81E-05
9mo_SIGAF3_GTTGTAGAGGTGCTGA-1-10x	0.02069208	0.02359491	3.62E-05
9mo_SIGAF3_GTTGTCCAGTGGATAT-1-10x	0.04749531	0.1190289	0.00011598
9mo_SIGAF3_GTTGTGACAGGGCTTC-1-10x	0.04443465	0.1081313	8.81E-05
9mo_SIGAF3_TAACACGGTAAGCGGT-1-10x	0.06060423	0.16570379	0.00042799
9mo_SIGAF3_TAACCAGAGGCAGGTT-1-10x	0.19855803	0.65689397	0.0012187
9mo_SIGAF3_TAACCAGAGGGACAGG-1-10x	0.04189688	0.09909547	7.82E-05
9mo_SIGAF3_TAACCAGCAAAGGCGT-1-10x	0.2557456	0.8605127	0.00078825
9mo_SIGAF3_TAACCAGTCGAACTCA-1-10x	0.03920712	0.08951847	6.67E-05
9mo_SIGAF3_TAACGACCAATGTTGC-1-10x	0.04110276	0.09626796	7.40E-05
9mo_SIGAF3_TAACGACCATTGAAGA-1-10x	0.09416366	0.2851935	0.0044154
9mo_SIGAF3_TAACTTCAGAGTAACT-1-10x	0.03338624	0.06879298	5.17E-05
9mo_SIGAF3_TAACTTCTCAGCAAT-1-10x	0.03587107	0.07764033	5.58E-05
9mo_SIGAF3_TAAGCACAGGAGGGTG-1-10x	0.01833925	0.01521754	3.49E-05
9mo_SIGAF3_TAAGCACGTAAGGGA-1-10x	0.27451965	0.9273585	0.00075233
9mo_SIGAF3_TAATCTCTCTGCGAGC-1-10x	0.04125507	0.09681029	7.40E-05
9mo_SIGAF3_TACACCCGTGTCCTAA-1-10x	0.094483	0.28633052	0.0044051
9mo_SIGAF3_TACACCCTCGTAGCCG-1-10x	0.26810944	0.9045347	0.00075705
9mo_SIGAF3_TACAGGTAGCATATGA-1-10x	0.17591503	0.57627267	0.0015585
9mo_SIGAF3_TACCCACGTACGTAGG-1-10x	0.01807705	0.01428396	3.44E-05
9mo_SIGAF3_TACCCGTAGCGTATGG-1-10x	0.08105752	0.23852855	0.0029431
9mo_SIGAF3_TACCGAAAGAGTGAAG-1-10x	0.08260569	0.24404088	0.0033032
9mo_SIGAF3_TACGCTCGTAGATCGG-1-10x	0.17563209	0.5752652	0.0015585
9mo_SIGAF3_TACGGTAAGACCGTTT-1-10x	0.03524273	0.07540309	5.58E-05
9mo_SIGAF3_TACGGTAGTTATGACC-1-10x	0.08580335	0.25542626	0.0037839
9mo_SIGAF3_TACGTCCAGTAGGAAG-1-10x	0.03601559	0.0781549	5.58E-05
9mo_SIGAF3_TACGTCCCTCCTTATCA-1-10x	0.12650156	0.40033394	0.0020256
9mo_SIGAF3_TACTGCCAGGGCCTCT-1-10x	0.03812415	0.0856625	6.36E-05
9mo_SIGAF3_TACTTCAGTATACGGG-1-10x	0.0862551	0.25703478	0.0039187
9mo_SIGAF3_TACTTCAGTCCTACGG-1-10x	0.07980155	0.23405662	0.0027593
9mo_SIGAF3_TACTTGTCACAGTGTT-1-10x	0.01649998	0.00866875	3.38E-05
9mo_SIGAF3_TAGGAGGCAACATCGT-1-10x	0.12289797	0.3875032	0.0021479
9mo_SIGAF3_TAGGAGGTCTTACGTT-1-10x	0.07808754	0.2279538	0.0023954
9mo_SIGAF3_TAGGGTTAGTTTGAGA-1-10x	0.24035084	0.80569905	0.00086997
9mo_SIGAF3_TAGTGACATCTACCTTA-1-10x	0.21095005	0.70101625	0.0010934
9mo_SIGAF3_TATCAGGAGAGCGACT-1-10x	0.23718481	0.7944262	0.00088935
9mo_SIGAF3_TATCAGGGTACGGCAA-1-10x	0.24009016	0.8047709	0.00086997
9mo_SIGAF3_TATCTTGAGTAGATCA-1-10x	0.04299114	0.10299164	8.29E-05
9mo_SIGAF3_TATCTTGTCGGAATGG-1-10x	0.07038052	0.20051268	0.0011935
9mo_SIGAF3_TATGTTCTCAGGACGA-1-10x	0.24514863	0.82278174	0.00084014

9mo_SIGAF3_TATTGCTTCGCTGTTC-1-10x	0.01504431	0.00348579	3.27E-05
9mo_SIGAF3_TCAAGCAGTCCCGGTA-1-10x	0.01845804	0.01564051	3.49E-05
9mo_SIGAF3_TCAATCTCAAGGGCAT-1-10x	0.21923868	0.7305283	0.0010326
9mo_SIGAF3_TCAATTCCATCGGATT-1-10x	0.01820446	0.01473763	3.44E-05
9mo_SIGAF3_TCAATTCGTTCTAAGC-1-10x	0.0191886	0.01824168	3.49E-05
9mo_SIGAF3_TCACAAGTCCTGGGAC-1-10x	0.09533697	0.2893711	0.0043808
9mo_SIGAF3_TCACACCTCCAGTTCC-1-10x	0.01561314	0.00551111	3.33E-05
9mo_SIGAF3_TCACATTAGGTAGTCG-1-10x	0.03188481	0.06344709	4.83E-05
9mo_SIGAF3_TCACGCTGTGCTCGTG-1-10x	0.02037644	0.02247105	3.62E-05
9mo_SIGAF3_TCACGGGGTTGTTGCA-1-10x	0.04731646	0.1183921	0.00010777
9mo_SIGAF3_TCACTATAGCGAAACC-1-10x	0.28390115	0.9607617	0.00075531
9mo_SIGAF3_TCAGCCTGTGGCTAGA-1-10x	0.04764197	0.1195511	0.00011598
9mo_SIGAF3_TCAGGGCAGCTTCATG-1-10x	0.01718259	0.0110992	3.38E-05
9mo_SIGAF3_TCAGGGCGTTCTCACC-1-10x	0.09723053	0.29611322	0.0042943
9mo_SIGAF3_TCAGGTAAGACATCCT-1-10x	0.13542263	0.4320978	0.0018953
9mo_SIGAF3_TCAGGTACAATCACGT-1-10x	0.1993864	0.65984344	0.0012085
9mo_SIGAF3_TCAGGTACATTCACAG-1-10x	0.05007243	0.12820487	0.00013566
9mo_SIGAF3_TCAGTCCCAAGTCCCG-1-10x	0.02076543	0.02385605	3.62E-05
9mo_SIGAF3_TCAGTTTAGGCAGGGA-1-10x	0.01885237	0.01704454	3.49E-05
9mo_SIGAF3_TCATACTAGTCCCAAT-1-10x	0.02026462	0.0220729	3.62E-05
9mo_SIGAF3_TCATCCGAGGTACAGC-1-10x	0.0448266	0.10952687	9.39E-05
9mo_SIGAF3_TCATGAGTCCGGCTTT-1-10x	0.01899896	0.01756647	3.49E-05
9mo_SIGAF3_TCATGGATCGTCCTCA-1-10x	0.03670176	0.08059802	5.82E-05
9mo_SIGAF3_TCATGTTTCGACGACC-1-10x	0.02279532	0.03108358	3.76E-05
9mo_SIGAF3_TCATGTTTCTCATTGT-1-10x	0.07253675	0.20819001	0.0014433
9mo_SIGAF3_TCATTGTAGGATACAT-1-10x	0.183055	0.60169476	0.0014268
9mo_SIGAF3_TCATTGTTCTCAGAAC-1-10x	0.07098723	0.20267285	0.0013138
9mo_SIGAF3_TCCAGAACACTCTCGT-1-10x	0.0156696	0.00571214	3.33E-05
9mo_SIGAF3_TCCAGAATCTTCTAAC-1-10x	0.04658662	0.11579347	0.00010777
9mo_SIGAF3_TCCATCGAGAATAACC-1-10x	0.06912381	0.1960381	0.0010821
9mo_SIGAF3_TCCCAGTGTATCAGCT-1-10x	0.06147266	0.16879587	0.00042799
9mo_SIGAF3_TCCCAGTGTTACCCTC-1-10x	0.04194616	0.09927094	7.82E-05
9mo_SIGAF3_TCCCATGTCCGGGACT-1-10x	0.03232171	0.0650027	4.83E-05
9mo_SIGAF3_TCCCATGTCTCCTACG-1-10x	0.07445248	0.21501106	0.0017292
9mo_SIGAF3_TCCGAAATCTCAACGA-1-10x	0.11334945	0.35350528	0.0027534
9mo_SIGAF3_TCCGATCTCCGGACTG-1-10x	0.20840478	0.6919537	0.0011177
9mo_SIGAF3_TCCGATCTCTCATTAC-1-10x	0.0172987	0.01151261	3.38E-05
9mo_SIGAF3_TCCTAATAGGACTGGT-1-10x	0.06304741	0.17440282	0.00052741
9mo_SIGAF3_TCCTCGAGTGTGTACTION-1-10x	0.07265527	0.208612	0.0014433
9mo_SIGAF3_TCCTCTTAGCCGGAAT-1-10x	0.08595295	0.2559589	0.0039187
9mo_SIGAF3_TCCTTCTTCGAGTACT-1-10x	0.04031326	0.09345691	7.01E-05

9mo_SIGAF3_TCGAACACACGTCGTG-1-10x	0.09817382	0.29947186	0.0042345
9mo_SIGAF3_TCGAAGTGTGTGTCGC-1-10x	0.04698717	0.11721966	0.00010777
9mo_SIGAF3_TCGAAGTGTTCGGTTA-1-10x	0.01810258	0.01437486	3.44E-05
9mo_SIGAF3_TCGACCTAGCCGTAAG-1-10x	0.06874315	0.19468276	0.00097948
9mo_SIGAF3_TCGACGGAGTATTCCG-1-10x	0.04564614	0.11244486	0.00010046
9mo_SIGAF3_TCGACGGGTAGGAGGG-1-10x	0.02097547	0.02460393	3.62E-05
9mo_SIGAF3_TCGACGGTCGGTGTTA-1-10x	0.06737249	0.18980245	0.00088537
9mo_SIGAF3_TCGCACTAGACTAAGT-1-10x	0.05015934	0.12851429	0.00013566
9mo_SIGAF3_TCGCAGGTCGGCTGAC-1-10x	0.110501	0.34336329	0.0030221
9mo_SIGAF3_TCGGATACAACCGCCA-1-10x	0.055898	0.14894706	0.000257
9mo_SIGAF3_TCGGGACAGCGTTAGG-1-10x	0.20598355	0.68333286	0.001143
9mo_SIGAF3_TCGGGACCACACCGCA-1-10x	0.05266175	0.13742423	0.00017575
9mo_SIGAF3_TCTAACTCATTCAGGT-1-10x	0.28424037	0.9619695	0.00075605
9mo_SIGAF3_TCTACATAGCACGATG-1-10x	0.04898655	0.12433854	0.00012523
9mo_SIGAF3_TCTATACGTTTCCAAG-1-10x	0.0690111	0.19563678	0.00097948
9mo_SIGAF3_TCTCACGAGTGATGGC-1-10x	0.05322398	0.13942607	0.00019264
9mo_SIGAF3_TCTCAGCAGCTCATAC-1-10x	0.03502536	0.07462913	5.37E-05
9mo_SIGAF3_TCTCTGGCACTGTGTA-1-10x	0.09620233	0.29245228	0.0043808
9mo_SIGAF3_TCTGGCTCATGGGATG-1-10x	0.16353427	0.53219044	0.001763
9mo_SIGAF3_TCTTAGTCAGTCAGAG-1-10x	0.20556861	0.68185544	0.001143
9mo_SIGAF3_TCTTCCTAGCAAGTCG-1-10x	0.05392484	0.14192152	0.00019264
9mo_SIGAF3_TCTTTGAAGCTCGGCT-1-10x	0.19107363	0.63024545	0.0013113
9mo_SIGAF3_TCTTTGACAGCAGGAT-1-10x	0.19133641	0.6311811	0.0012985
9mo_SIGAF3_TGAATCGAGACTGGGT-1-10x	0.05547797	0.1474515	0.000233
9mo_SIGAF3_TGAATCGGTACGTAGG-1-10x	0.21688597	0.7221514	0.0010475
9mo_SIGAF3_TGAATCGGTCTGTAGT-1-10x	0.04974784	0.12704916	0.00013566
9mo_SIGAF3_TGAATGCAGACAGCGT-1-10x	0.27846375	0.9414016	0.00075239
9mo_SIGAF3_TGACCCTAGCCGCTTG-1-10x	0.24652454	0.82768077	0.00083459
9mo_SIGAF3_TGACGCGTCCGAGCTG-1-10x	0.20521295	0.6805891	0.0011518
9mo_SIGAF3_TGAGCGCTCTGGCCAG-1-10x	0.04253589	0.10137069	7.82E-05
9mo_SIGAF3_TGAGGAGGTCGAAACG-1-10x	0.07599985	0.22052051	0.0020486
9mo_SIGAF3_TGAGGTTGTCTCACGG-1-10x	0.01529566	0.00438072	3.27E-05
9mo_SIGAF3_TGATCAGAGTGAGGCT-1-10x	0.04992772	0.12768961	0.00013566
9mo_SIGAF3_TGATGCAGTTAAAGTG-1-10x	0.29284972	0.99262345	0.00076488
9mo_SIGAF3_TGATGGTGTGGCACTC-1-10x	0.17609243	0.5769043	0.0015585
9mo_SIGAF3_TGATGGTGTTTACTGG-1-10x	0.04953333	0.12628539	0.00013566
9mo_SIGAF3_TGATTTCGTCATTCCC-1-10x	0.07521194	0.21771514	0.001885
9mo_SIGAF3_TGCATCCCATACCATG-1-10x	0.11481812	0.35873458	0.0026715
9mo_SIGAF3_TGCATCCTCATCACAG-1-10x	0.03856228	0.0872225	6.36E-05
9mo_SIGAF3_TGCCGAGAGCCAAGGT-1-10x	0.02392307	0.03509897	3.83E-05
9mo_SIGAF3_TGCGACGCATCACCAA-1-10x	0.22971503	0.7678298	0.00094498

9mo_SIGAF3_TGCGACGGTCCGCTT-1-10x	0.04288442	0.10261166	8.29E-05
9mo_SIGAF3_TGCGACGTCAACACGT-1-10x	0.11104	0.34528244	0.0030221
9mo_SIGAF3_TGCGGCAAGCTCGACC-1-10x	0.01531738	0.00445804	3.27E-05
9mo_SIGAF3_TGCGGCAGTATGTGTC-1-10x	0.05405394	0.1423812	0.00021164
9mo_SIGAF3_TGCGGGTCAAACGAGC-1-10x	0.20245574	0.67077196	0.0011699
9mo_SIGAF3_TGCGGGTCAAGGGTCA-1-10x	0.04313859	0.10351665	8.29E-05
9mo_SIGAF3_TGCTCGTCAGAGTTCT-1-10x	0.0166695	0.00927232	3.38E-05
9mo_SIGAF3_TGCTTCGGTCTGTCCT-1-10x	0.0423133	0.10057815	7.82E-05
9mo_SIGAF3_TGGAAGTGTGAATTGA-1-10x	0.01520577	0.00406065	3.27E-05
9mo_SIGAF3_TGGAGAGTCTGCACCT-1-10x	0.26438603	0.8912773	0.00076313
9mo_SIGAF3_TGGAGGAAGATAGTCA-1-10x	0.25930503	0.87318623	0.00077499
9mo_SIGAF3_TGGAGGACAATAGTCC-1-10x	0.01942817	0.01909469	3.55E-05
9mo_SIGAF3_TGGATCACAGACGCTC-1-10x	0.02141451	0.02616713	3.69E-05
9mo_SIGAF3_TGGATGTAGACATAGT-1-10x	0.04726901	0.11822315	0.00010777
9mo_SIGAF3_TGGGATTCATAACCACA-1-10x	0.1894552	0.624483	0.0013244
9mo_SIGAF3_TGGGCGTCAATCGCCG-1-10x	0.09312244	0.28148618	0.0044107
9mo_SIGAF3_TGGGTTAGTCAGTCTA-1-10x	0.03479184	0.07379769	5.37E-05
9mo_SIGAF3_TGGTAGTGTGGCTGCT-1-10x	0.04272442	0.10204195	8.29E-05
9mo_SIGAF3_TGGTGATTCATTACCT-1-10x	0.01676579	0.00961518	3.38E-05
9mo_SIGAF3_TGTACAGCAAACACGG-1-10x	0.11742416	0.3680135	0.002453
9mo_SIGAF3_TGTCAGAAGCATCTTG-1-10x	0.04136455	0.09720007	7.40E-05
9mo_SIGAF3_TGTCAGAGTCCTCCTA-1-10x	0.0644692	0.17946514	0.00064991
9mo_SIGAF3_TGTCAGATCCTCACCA-1-10x	0.01971531	0.02011705	3.55E-05
9mo_SIGAF3_TGTCAGATCTCGGTAA-1-10x	0.04273784	0.10208973	8.29E-05
9mo_SIGAF3_TGTCCACATCCTGTC-1-10x	0.02808778	0.0499276	4.30E-05
9mo_SIGAF3_TGTCCAGTACCGCGT-1-10x	0.07992186	0.234485	0.0027593
9mo_SIGAF3_TGTGATGAGATGAATC-1-10x	0.02167158	0.02708245	3.69E-05
9mo_SIGAF3_TGTGCGGAGAATGTTG-1-10x	0.03410684	0.07135872	5.17E-05
9mo_SIGAF3_TGTGCGGAGCCGTTGC-1-10x	0.0272214	0.0468428	4.19E-05
9mo_SIGAF3_TGTGCGGGTAACAGGC-1-10x	0.02281618	0.03115783	3.76E-05
9mo_SIGAF3_TGTGGCGCAGCGTATT-1-10x	0.02162815	0.02692781	3.69E-05
9mo_SIGAF3_TGTGTGAGTTCTTCAT-1-10x	0.01827445	0.01498681	3.44E-05
9mo_SIGAF3_TGTTTCATGTAGAGCTG-1-10x	0.11311657	0.35267612	0.0028393
9mo_SIGAF3_TGTTCCGAGCAGCCCT-1-10x	0.01524274	0.00419228	3.27E-05
9mo_SIGAF3_TGTTGAGCATGTGACT-1-10x	0.28462014	0.9633217	0.00075605
9mo_SIGAF3_TGTTGAGTCGTAACAC-1-10x	0.25790417	0.8681984	0.000778
9mo_SIGAF3_TGTTGGAAGCAGAAAG-1-10x	0.07490511	0.21662264	0.001885
9mo_SIGAF3_TGTTTGTACATGAAA-1-10x	0.27366072	0.92430025	0.0007526
9mo_SIGAF3_TGTTTGTGTGGTCAAG-1-10x	0.24258775	0.8136636	0.00085764
9mo_SIGAF3_TTACCATAGGAAAGAC-1-10x	0.22446631	0.7491415	0.00098869
9mo_SIGAF3_TTACCGCAGAGCCGAT-1-10x	0.04080643	0.09521288	7.01E-05

9mo_SIGAF3_TTACGCCCAAGTACCT-1-10x	0.07162784	0.2049538	0.0013138
9mo_SIGAF3_TTACGCCCATGGTGGA-1-10x	0.26964813	0.91001326	0.00075499
9mo_SIGAF3_TTACGTTGTAATACCC-1-10x	0.08150488	0.24012141	0.0031253
9mo_SIGAF3_TTACTGTAGTACCATC-1-10x	0.14461018	0.46481046	0.0018716
9mo_SIGAF3_TTACTGTCACTCCGAG-1-10x	0.26872846	0.90673876	0.00075594
9mo_SIGAF3_TTACTGTCATGGCCCA-1-10x	0.09430344	0.2856912	0.0044154
9mo_SIGAF3_TTAGTCTAGGGATCGT-1-10x	0.0917016	0.27642724	0.0043903
9mo_SIGAF3_TTAGTCTCATGTTTTCAG-1-10x	0.01952157	0.01942726	3.55E-05
9mo_SIGAF3_TTAGTCTGTGCCAGT-1-10x	0.08199206	0.24185602	0.0031253
9mo_SIGAF3_TTCACCGTCATTACCT-1-10x	0.09971221	0.30494934	0.0041652
9mo_SIGAF3_TTCAGGATCCCAGTGG-1-10x	0.10609377	0.32767117	0.00352
9mo_SIGAF3_TTCATGTAGGCTAGCA-1-10x	0.03235355	0.06511606	4.83E-05
9mo_SIGAF3_TTCATTGTCGTTTATT-1-10x	0.10408258	0.32051024	0.0037215
9mo_SIGAF3_TTCCGTGCAAGCTGCC-1-10x	0.1042454	0.32108998	0.0037215
9mo_SIGAF3_TTCCTAATCGGACTGC-1-10x	0.01797435	0.01391831	3.44E-05
9mo_SIGAF3_TTCCTTCCAAGCGATG-1-10x	0.07474951	0.21606863	0.001885
9mo_SIGAF3_TTCGATTCAAGCAATA-1-10x	0.02124833	0.02557544	3.69E-05
9mo_SIGAF3_TTCGATTGTACGGGAT-1-10x	0.0218285	0.02764118	3.69E-05
9mo_SIGAF3_TTCGCTGCACGAGGAT-1-10x	0.07178922	0.2055284	0.0013138
9mo_SIGAF3_TTCTAACCACGAAGAC-1-10x	0.08044449	0.23634584	0.0029431
9mo_SIGAF3_TTCTAACCAGGTGGAT-1-10x	0.01666509	0.00925663	3.38E-05
9mo_SIGAF3_TTCTAGTAGCCGGAAT-1-10x	0.02150833	0.02650117	3.69E-05
9mo_SIGAF3_TTCTCTCTCAGTGGGA-1-10x	0.02352595	0.033685	3.83E-05
9mo_SIGAF3_TTCTCTCTCGGAACTT-1-10x	0.02421108	0.03612446	3.91E-05
9mo_SIGAF3_TTCTGTAAGGACTTCT-1-10x	0.10376791	0.31938985	0.0038193
9mo_SIGAF3_TTGACCCCACTCATAG-1-10x	0.17766595	0.58250684	0.0015248
9mo_SIGAF3_TTGAGTGCAGAGGCTA-1-10x	0.08163382	0.2405805	0.0031253
9mo_SIGAF3_TTGCAATTGTAACCCGC-1-10x	0.04940442	0.12582639	0.00013566
9mo_SIGAF3_TTGCAATTGTCCTATAG-1-10x	0.01880379	0.01687157	3.49E-05
9mo_SIGAF3_TTGCAATTGTTTACACG-1-10x	0.04430027	0.10765284	8.81E-05
9mo_SIGAF3_TTGCTGAGGCGCTTC-1-10x	0.04648062	0.11541607	0.00010777
9mo_SIGAF3_TTGCGTCTCGTTGTTT-1-10x	0.03635132	0.07935026	5.82E-05
9mo_SIGAF3_TTGCGTCTCTATCGGA-1-10x	0.2746155	0.92769974	0.00075233
9mo_SIGAF3_TTGATGACACATTACG-1-10x	0.1334803	0.425182	0.0019115
9mo_SIGAF3_TTGATGTCTTTTCGAT-1-10x	0.18368174	0.60392636	0.0014112
9mo_SIGAF3_TTGGATCATCGGCCA-1-10x	0.05088826	0.13110967	0.00014746
9mo_SIGAF3_TTGGTTTCATCATTTT-1-10x	0.27533644	0.93026674	0.00075218
9mo_SIGAF3_TTGTTTCAGTCATAGTC-1-10x	0.03958705	0.09087122	6.67E-05
9mo_SIGAF3_TTGTTGTTCTTGAACG-1-10x	0.01599477	0.00686991	3.33E-05
9mo_SIGAF3_TTGTTTGCCTGGACC-1-10x	0.07264421	0.20857263	0.0014433
9mo_SIGAF3_TTGACTAGATCACCT-1-10x	0.14289477	0.45870268	0.0018718

9mo_SIGAF3_TTTGGTTGTGCCTGCA-1-10x	0.02070006	0.02362332	3.62E-05
5mo_SIGAE9_AAACCCAGTAACCAGG-1-10x	0.10284851	0.31611627	0.0038193
5mo_SIGAE9_AAACCCATCCTTGAAG-1-10x	0.1319379	0.41969028	0.001934
5mo_SIGAE9_AAACGAACAAGTGACG-1-10x	0.04905926	0.12459744	0.00012523
5mo_SIGAE9_AAACGAAGTTAACAGA-1-10x	0.06491742	0.18106107	0.00064991
5mo_SIGAE9_AAACGCTAGGGCAGTT-1-10x	0.08692053	0.25940403	0.0040384
5mo_SIGAE9_AAAGAACCAAACCTCTG-1-10x	0.15206869	0.49136677	0.0018651
5mo_SIGAE9_AAAGAACTCACCTGT-1-10x	0.02500892	0.03896518	4.00E-05
5mo_SIGAE9_AAAGGATGTGCTGGTC-1-10x	0.09744957	0.29689312	0.0042943
5mo_SIGAE9_AAAGGATGTCTAACGT-1-10x	0.04983322	0.12735313	0.00013566
5mo_SIGAE9_AAAGGATTCGACGCGT-1-10x	0.18682104	0.61510396	0.0013662
5mo_SIGAE9_AAAGGGCGTCACTTAG-1-10x	0.03932184	0.08992692	6.67E-05
5mo_SIGAE9_AAAGGTATCTTTGGAG-1-10x	0.19191	0.6332234	0.0012985
5mo_SIGAE9_AAAGTCCCAAGCGAAC-1-10x	0.01745828	0.01208081	3.44E-05
5mo_SIGAE9_AAAGTCCCACCTCTGT-1-10x	0.17254752	0.5642825	0.0016089
5mo_SIGAE9_AAAGTCCCTCGGTAAGG-1-10x	0.27518415	0.9297245	0.00075218
5mo_SIGAE9_AAATGGATCGCGTGAC-1-10x	0.03667074	0.08048757	5.82E-05
5mo_SIGAE9_AACAACCTCTACTGAG-1-10x	0.05364239	0.14091586	0.00019264
5mo_SIGAE9_AACACACCATGACGGA-1-10x	0.20097096	0.6654853	0.0011888
5mo_SIGAE9_AACACACGTCATTGCA-1-10x	0.08798496	0.263194	0.0041422
5mo_SIGAE9_AACAGGGAGTAGCATA-1-10x	0.15869255	0.5149513	0.0018209
5mo_SIGAE9_AACAGGGGTGCGGATA-1-10x	0.0414539	0.09751823	7.40E-05
5mo_SIGAE9_AACCAACAGGAAGTAG-1-10x	0.26925418	0.9086106	0.00075499
5mo_SIGAE9_AACCAACCAGGCGAAT-1-10x	0.15149702	0.48933133	0.0018676
5mo_SIGAE9_AACCATGCACGGTGCT-1-10x	0.05881944	0.15934896	0.00034795
5mo_SIGAE9_AACCCAACACACCAGC-1-10x	0.01986665	0.02065592	3.55E-05
5mo_SIGAE9_AACCCAACACAGAAGC-1-10x	0.03569527	0.07701436	5.58E-05
5mo_SIGAE9_AACCCAAGTGCCGGTT-1-10x	0.04117981	0.09654232	7.40E-05
5mo_SIGAE9_AACCCAATCTCATTAC-1-10x	0.08577509	0.25532568	0.0037839
5mo_SIGAE9_AACCTGAAGACCATGG-1-10x	0.16502868	0.53751135	0.0017353
5mo_SIGAE9_AACGAAATCTAAACGC-1-10x	0.05030398	0.1290293	0.00014746
5mo_SIGAE9_AACGAAATCTCCTGTG-1-10x	0.0322956	0.06490973	4.83E-05
5mo_SIGAE9_AACGGGAAGGTGAGCT-1-10x	0.11138462	0.34650946	0.002929
5mo_SIGAE9_AACGGGACACTAACCA-1-10x	0.05886189	0.1595001	0.00034795
5mo_SIGAE9_AACGTCAAGCAGGTCA-1-10x	0.03415131	0.07151704	5.17E-05
5mo_SIGAE9_AACTTCTCAAAGGCAC-1-10x	0.06840804	0.19348958	0.00097948
5mo_SIGAE9_AAGACAACACACGGAA-1-10x	0.0211711	0.02530048	3.69E-05
5mo_SIGAE9_AAGACAACATGTGACT-1-10x	0.08048466	0.23648885	0.0029431
5mo_SIGAE9_AAGATAGAGCATGTTC-1-10x	0.03357064	0.06944954	5.17E-05
5mo_SIGAE9_AAGCGAGTCATTTGGG-1-10x	0.2422052	0.8123016	0.00085764
5mo_SIGAE9_AAGCGTTCAAGAATGT-1-10x	0.2674326	0.90212476	0.00075705

5mo_SIGAE9_AAGCGTTGTACATACC-1-10x	0.17865938	0.586044	0.0015081
5mo_SIGAE9_AAGCGTTGTACTAGT-1-10x	0.10400341	0.32022834	0.0037215
5mo_SIGAE9_AAGGAATCACGACGCT-1-10x	0.04633774	0.11490733	0.00010046
5mo_SIGAE9_AAGGTAACAACCAACT-1-10x	0.08338513	0.24681608	0.0034742
5mo_SIGAE9_AAGGTAACACATGGTT-1-10x	0.02653616	0.04440297	4.09E-05
5mo_SIGAE9_AAGTACCGTGGCCTCA-1-10x	0.0417689	0.09863979	7.40E-05
5mo_SIGAE9_AAGTACCTCACTGTCC-1-10x	0.05619462	0.15000317	0.000257
5mo_SIGAE9_AAGTCGTAGACCATGG-1-10x	0.19612843	0.6482433	0.00124
5mo_SIGAE9_AAGTCGTAGAGAAGGT-1-10x	0.02030261	0.02220818	3.62E-05
5mo_SIGAE9_AAGTTCGGTAAGTTAG-1-10x	0.03195473	0.06369604	4.83E-05
5mo_SIGAE9_AAGTTCGGTGC GGTA-1-10x	0.0331952	0.06811278	5.00E-05
5mo_SIGAE9_AATCACGCACTGTGAT-1-10x	0.05575709	0.14844535	0.000233
5mo_SIGAE9_AATCGTGAGGTACCTT-1-10x	0.02811685	0.0500311	4.30E-05
5mo_SIGAE9_AATGAAGAGTACTCGT-1-10x	0.1292233	0.41002482	0.0019639
5mo_SIGAE9_AATGGAATCCTGCCAT-1-10x	0.06042311	0.16505888	0.00038577
5mo_SIGAE9_AATGGAATCGATACTG-1-10x	0.23443687	0.7846421	0.00090964
5mo_SIGAE9_AATGGCTCATGGCCCA-1-10x	0.08798225	0.26318434	0.0041422
5mo_SIGAE9_AATTCCTCAAGGTCTT-1-10x	0.0641063	0.17817305	0.00058553
5mo_SIGAE9_ACAAAGAAGGAAGTGA-1-10x	0.05923205	0.16081806	0.00034795
5mo_SIGAE9_ACAAAGACAAATTAGG-1-10x	0.04298998	0.1029875	8.29E-05
5mo_SIGAE9_ACAACCAAGACATAGT-1-10x	0.24722712	0.8301823	0.0008292
5mo_SIGAE9_ACAAGCTAGGAGATAG-1-10x	0.04888443	0.12397494	0.00012523
5mo_SIGAE9_ACAAGCTCAGCATCTA-1-10x	0.06365157	0.17655395	0.00058553
5mo_SIGAE9_ACAAGCTTCCTCAGGG-1-10x	0.13646884	0.43582287	0.0018891
5mo_SIGAE9_ACAAGCTTCGGCAGTC-1-10x	0.03335708	0.06868917	5.17E-05
5mo_SIGAE9_ACACAGTAGATGGCAC-1-10x	0.18015394	0.59136546	0.001475
5mo_SIGAE9_ACACAGTCAACAGATA-1-10x	0.03407532	0.07124648	5.17E-05
5mo_SIGAE9_ACACCAACAACCGATT-1-10x	0.103724	0.31923348	0.0038193
5mo_SIGAE9_ACACCAATCTGCTTTA-1-10x	0.01593941	0.00667281	3.33E-05
5mo_SIGAE9_ACACGCGCAAGTGGGT-1-10x	0.05160007	0.13364409	0.00016076
5mo_SIGAE9_ACACGCGGTGGGCTTC-1-10x	0.04504215	0.11029432	9.39E-05
5mo_SIGAE9_ACAGAAAAGTCATCCA-1-10x	0.13596787	0.43403912	0.0018891
5mo_SIGAE9_ACAGAAACAGCACCCA-1-10x	0.07134155	0.20393446	0.0013138
5mo_SIGAE9_ACAGGGAAGCATTTTCG-1-10x	0.10670034	0.32983088	0.0034182
5mo_SIGAE9_ACAGGGACAGACACAG-1-10x	0.08537976	0.25391808	0.0037839
5mo_SIGAE9_ACAGGGACAGGAATCG-1-10x	0.0567457	0.15196534	0.000257
5mo_SIGAE9_ACATCCCATCGGCCA-1-10x	0.02132067	0.02583301	3.69E-05
5mo_SIGAE9_ACATCCCGTGCCTGCA-1-10x	0.10652825	0.32921815	0.00352
5mo_SIGAE9_ACATCCCTCGAAACAA-1-10x	0.02676283	0.04521005	4.19E-05
5mo_SIGAE9_ACATGCAGTCAACGCC-1-10x	0.188172	0.61991405	0.0013519
5mo_SIGAE9_ACATTTTCAGCTTCATG-1-10x	0.10074952	0.30864272	0.0040879

5mo_SIGAE9_ACCAACATCTGGTGGC-1-10x	0.26005307	0.8758496	0.00077221
5mo_SIGAE9_ACCATTTGTCATCGCG-1-10x	0.04708608	0.11757182	0.00010777
5mo_SIGAE9_ACCCAAACATTGTAGC-1-10x	0.09143571	0.27548054	0.0043535
5mo_SIGAE9_ACCCTCACAAAGGCTG-1-10x	0.04331532	0.10414588	8.29E-05
5mo_SIGAE9_ACCCTCATCGAAGGAC-1-10x	0.02932661	0.05433851	4.42E-05
5mo_SIGAE9_ACCCTCATCTATCCAT-1-10x	0.09178065	0.2767087	0.0043903
5mo_SIGAE9_ACCGTTCGTCAACT-1-10x	0.04346455	0.10467723	8.29E-05
5mo_SIGAE9_ACCGTTCGTGCACGCT-1-10x	0.04469437	0.10905604	9.39E-05
5mo_SIGAE9_ACCTACCCAAGAATGT-1-10x	0.24208188	0.81186247	0.00085764
5mo_SIGAE9_ACCTACCGTAGGCAGT-1-10x	0.11528563	0.36039916	0.002594
5mo_SIGAE9_ACGATCAGTCTTCCGT-1-10x	0.07930137	0.23227571	0.002576
5mo_SIGAE9_ACGATCAGTGATTAGA-1-10x	0.02548737	0.04066871	4.00E-05
5mo_SIGAE9_ACGATCATCACCATGA-1-10x	0.04877194	0.12357441	0.00012523
5mo_SIGAE9_ACGATCATCGGAAACG-1-10x	0.08381318	0.2483402	0.0034742
5mo_SIGAE9_ACGATGTAGGCCACTC-1-10x	0.15637235	0.50669014	0.0018385
5mo_SIGAE9_ACGATGTCAAGGTCTT-1-10x	0.0286477	0.05192123	4.42E-05
5mo_SIGAE9_ACGATGTGTGAAGCTG-1-10x	0.03474078	0.07361589	5.37E-05
5mo_SIGAE9_ACGGAAGGTGACTCGC-1-10x	0.02153137	0.02658322	3.69E-05
5mo_SIGAE9_ACGGTCGTCAATCCAG-1-10x	0.01866675	0.01638361	3.49E-05
5mo_SIGAE9_ACGGTTAGTAGACAGC-1-10x	0.11893727	0.373401	0.0023317
5mo_SIGAE9_ACGGTTATCTTTCCGG-1-10x	0.0888995	0.26645026	0.0042295
5mo_SIGAE9_ACGTACAGTTTGGCTA-1-10x	0.06245046	0.17227736	0.00052741
5mo_SIGAE9_ACGTCCTAGGAGAGGC-1-10x	0.19514053	0.6447258	0.0012511
5mo_SIGAE9_ACGTCCTCAGTCAGT-1-10x	0.1789505	0.58708054	0.0014915
5mo_SIGAE9_ACGTCCTCCTTGGAA-1-10x	0.24673872	0.82844335	0.0008292
5mo_SIGAE9_ACGTTCCCATATCTCT-1-10x	0.04474425	0.10923363	9.39E-05
5mo_SIGAE9_ACGTTCCTCTATCCAT-1-10x	0.02572402	0.04151134	4.00E-05
5mo_SIGAE9_ACTATGGAGGCTGGAT-1-10x	0.10180383	0.31239665	0.0040036
5mo_SIGAE9_ACTATGGTCGGTTCAA-1-10x	0.07849705	0.22941187	0.002576
5mo_SIGAE9_ACTATTCAGGTCGTCC-1-10x	0.10797443	0.33436733	0.0033168
5mo_SIGAE9_ACTCCACAGAAGTGC-1-10x	0.01882565	0.01694937	3.49E-05
5mo_SIGAE9_ACTCCACATCAGCAT-1-10x	0.080656	0.23709892	0.0029431
5mo_SIGAE9_ACTCCAGTTTCTTAC-1-10x	0.08338225	0.24680585	0.0034742
5mo_SIGAE9_ACTCTCGGTTGGAGGT-1-10x	0.17179191	0.5615921	0.0016256
5mo_SIGAE9_ACTGATGAGCGGTAGT-1-10x	0.02401368	0.03542159	3.91E-05
5mo_SIGAE9_ACTGATGCACGTCGTG-1-10x	0.0263288	0.04366468	4.09E-05
5mo_SIGAE9_ACTGATGCAGCTTTGA-1-10x	0.11190635	0.3483671	0.002929
5mo_SIGAE9_ACTGATGTCACCCATC-1-10x	0.02068971	0.02358644	3.62E-05
5mo_SIGAE9_ACTGATGTCAGTCCGG-1-10x	0.08696982	0.25957954	0.0040384
5mo_SIGAE9_ACTGCAACTGATTG-1-10x	0.01954997	0.01952835	3.55E-05
5mo_SIGAE9_ACTGCAAGTGCCACG-1-10x	0.10642932	0.3288659	0.00352

5mo_SIGAE9_ACTGTCCAGTCTTGGT-1-10x	0.26202258	0.88286215	0.00076727
5mo_SIGAE9_ACTGTCCCAGCTGAGA-1-10x	0.10143639	0.31108838	0.0040036
5mo_SIGAE9_ACTGTCCCTCACTCTTA-1-10x	0.04440916	0.10804055	8.81E-05
5mo_SIGAE9_ACTTATCGTTGCGTAT-1-10x	0.04818649	0.12148988	0.00011598
5mo_SIGAE9_ACTTTCGCTCGGTAAC-1-10x	0.10802472	0.33454642	0.0033168
5mo_SIGAE9_ACTTTCAGTGCAGATG-1-10x	0.16646965	0.54264194	0.0017206
5mo_SIGAE9_AGAAATGTCGCCAACG-1-10x	0.25906745	0.87234026	0.00077499
5mo_SIGAE9_AGAACCTGTACCATAC-1-10x	0.2520932	0.8475082	0.00080467
5mo_SIGAE9_AGAAGCGAGCAAGCCA-1-10x	0.22636373	0.75589734	0.00097406
5mo_SIGAE9_AGAAGCGTCACAAGAA-1-10x	0.2640124	0.889947	0.00076313
5mo_SIGAE9_AGAAGCGTCTAGTGAC-1-10x	0.27270487	0.9208969	0.000753
5mo_SIGAE9_AGAAGTAAGTTGGCTT-1-10x	0.06245341	0.17228787	0.00052741
5mo_SIGAE9_AGAAGTACAAAGACTA-1-10x	0.2631331	0.88681626	0.00076511
5mo_SIGAE9_AGAAGTATCTACGGTA-1-10x	0.12065264	0.3795086	0.0022788
5mo_SIGAE9_AGACACTCACTTGACA-1-10x	0.2815294	0.952317	0.00075401
5mo_SIGAE9_AGACACTCATGCCGCA-1-10x	0.0289456	0.05298188	4.42E-05
5mo_SIGAE9_AGACACTCATTAGGAA-1-10x	0.28365895	0.95989937	0.00075531
5mo_SIGAE9_AGACTCACAAGTATCC-1-10x	0.0420318	0.09957584	7.82E-05
5mo_SIGAE9_AGACTCACAATCGTCA-1-10x	0.03997461	0.09225115	7.01E-05
5mo_SIGAE9_AGACTCAGTACGAGCA-1-10x	0.07140669	0.2041664	0.0013138
5mo_SIGAE9_AGACTCAGTCCTGTTC-1-10x	0.04320225	0.1037433	8.29E-05
5mo_SIGAE9_AGAGAATCAATCTGCA-1-10x	0.09461097	0.2867862	0.0044051
5mo_SIGAE9_AGAGCCCGTGTTCCTT-1-10x	0.04309165	0.10334949	8.29E-05
5mo_SIGAE9_AGAGCCCTCAAGTGGG-1-10x	0.0856433	0.2548564	0.0037839
5mo_SIGAE9_AGATAGACAGTTCTAG-1-10x	0.07257982	0.20834337	0.0014433
5mo_SIGAE9_AGATAGAGTTGGCCTG-1-10x	0.08909509	0.26714668	0.0042295
5mo_SIGAE9_AGATAGATCGAACCAT-1-10x	0.27931526	0.94443345	0.00075266
5mo_SIGAE9_AGATCGTAGAGAGGGC-1-10x	0.02284469	0.03125936	3.76E-05
5mo_SIGAE9_AGATGAAGTAACCCTA-1-10x	0.10230851	0.3141936	0.0039137
5mo_SIGAE9_AGATGAATCGTCAGAT-1-10x	0.04738391	0.11863228	0.00010777
5mo_SIGAE9_AGATGCTGTACCTAGT-1-10x	0.09847806	0.30055514	0.0042345
5mo_SIGAE9_AGCATCATCTAAGCCA-1-10x	0.0169892	0.01041062	3.38E-05
5mo_SIGAE9_AGCCAATGTGTGAATA-1-10x	0.20987968	0.6972052	0.0011095
5mo_SIGAE9_AGCCACGCACAGTGTT-1-10x	0.04369073	0.10548253	8.81E-05
5mo_SIGAE9_AGCCACGCAGATTTTCG-1-10x	0.03830408	0.08630315	6.36E-05
5mo_SIGAE9_AGCGATTGTCTTGAAC-1-10x	0.12301521	0.38792065	0.0021479
5mo_SIGAE9_AGCGATTGTGCCCTTT-1-10x	0.20230924	0.6702503	0.0011792
5mo_SIGAE9_AGCGATTGTTTCGTTT-1-10x	0.27893478	0.94307876	0.00075266
5mo_SIGAE9_AGCGATTTCTGCCTCA-1-10x	0.09001003	0.27040434	0.0042999
5mo_SIGAE9_AGCGCCACATGAGGGT-1-10x	0.04255441	0.10143663	7.82E-05
5mo_SIGAE9_AGCGCTGCACCCCTTAC-1-10x	0.04638298	0.11506841	0.00010046

5mo_SIGAE9_AGCGTATAGAAGCTCG-1-10x	0.087478	0.26138893	0.0040384
5mo_SIGAE9_AGCGTCGCACATCCCT-1-10x	0.09289409	0.28067318	0.0044107
5mo_SIGAE9_AGCGTCGGTCTTGAAC-1-10x	0.04396194	0.10644821	8.81E-05
5mo_SIGAE9_AGCTACACAGAACATA-1-10x	0.04530411	0.11122704	9.39E-05
5mo_SIGAE9_AGCTTCCAGACAGCGT-1-10x	0.24660459	0.82796574	0.0008292
5mo_SIGAE9_AGCTTCCAGAGAGCGG-1-10x	0.07992837	0.23450816	0.0027593
5mo_SIGAE9_AGCTTCCCAAGACGGT-1-10x	0.01588873	0.00649237	3.33E-05
5mo_SIGAE9_AGGAAATAGCATGGGT-1-10x	0.28129953	0.95149857	0.00075348
5mo_SIGAE9_AGGAAATCATGAATAG-1-10x	0.03962754	0.09101539	6.67E-05
5mo_SIGAE9_AGGAAATTCACTGATG-1-10x	0.08048184	0.23647884	0.0029431
5mo_SIGAE9_AGGAATAGTACCGCGT-1-10x	0.04713276	0.11773804	0.00010777
5mo_SIGAE9_AGGAATATCGTGAATA-1-10x	0.05445534	0.14381039	0.00021164
5mo_SIGAE9_AGGAGGTAGCTGTTCA-1-10x	0.23123293	0.7732343	0.00093779
5mo_SIGAE9_AGGAGGTAGGGCGAAG-1-10x	0.09559091	0.2902753	0.0043808
5mo_SIGAE9_AGGAGGTTCCCATTTA-1-10x	0.13913514	0.4453163	0.0018772
5mo_SIGAE9_AGGATCTGTCCTCCTA-1-10x	0.02249298	0.03000708	3.76E-05
5mo_SIGAE9_AGGCATTAGAGCCATG-1-10x	0.22602604	0.754695	0.00097406
5mo_SIGAE9_AGGGAGTCAGAAGTTA-1-10x	0.05398737	0.14214417	0.00021164
5mo_SIGAE9_AGGGAGTGTCGAACA-1-10x	0.04724774	0.11814742	0.00010777
5mo_SIGAE9_AGGGAGTGTTATCG-1-10x	0.03530331	0.07561879	5.58E-05
5mo_SIGAE9_AGGGCCTTCTATGTGG-1-10x	0.02255838	0.03023993	3.76E-05
5mo_SIGAE9_AGGGCTCAGACTGAGC-1-10x	0.03617571	0.07872502	5.82E-05
5mo_SIGAE9_AGGGCTCGTGGTTTAC-1-10x	0.0199971	0.02112039	3.55E-05
5mo_SIGAE9_AGGGTCCCACAGTCCG-1-10x	0.05769226	0.15533559	0.00028394
5mo_SIGAE9_AGGGTGACATCAGTCA-1-10x	0.09793229	0.29861188	0.0042943
5mo_SIGAE9_AGGGTGACATGCAGGA-1-10x	0.27182603	0.91776776	0.00075352
5mo_SIGAE9_AGGGTGATCCATCTCG-1-10x	0.01989507	0.02075712	3.55E-05
5mo_SIGAE9_AGGGTGATCCGTCAA-1-10x	0.07650762	0.22232845	0.0020486
5mo_SIGAE9_AGGTAGGGTTGCATCA-1-10x	0.14700764	0.4733467	0.0018716
5mo_SIGAE9_AGGTAGGTCTACCGT-1-10x	0.08757648	0.26173958	0.0040384
5mo_SIGAE9_AGGTCATTCCCGAACG-1-10x	0.09003271	0.2704851	0.0042999
5mo_SIGAE9_AGGTCATTCCCGAGAC-1-10x	0.10655917	0.3293282	0.00352
5mo_SIGAE9_AGGTCTACATTTCGATG-1-10x	0.05102558	0.13159858	0.00014746
5mo_SIGAE9_AGGTTACCAGTATTCG-1-10x	0.04694908	0.11708404	0.00010777
5mo_SIGAE9_AGGTTACGTTGTGCAT-1-10x	0.26809055	0.9044674	0.00075705
5mo_SIGAE9_AGGTTACTCCCTCTAG-1-10x	0.12175687	0.3834403	0.0021873
5mo_SIGAE9_AGGTTGTCACAATGAA-1-10x	0.04113652	0.09638818	7.40E-05
5mo_SIGAE9_AGTACCAAGGATTCAA-1-10x	0.25066194	0.8424121	0.00080923
5mo_SIGAE9_AGTACCATCTAACGCA-1-10x	0.24060461	0.8066026	0.00086997
5mo_SIGAE9_AGTAGCTTCTCTCAA-1-10x	0.18603097	0.61229086	0.0013809
5mo_SIGAE9_AGTAGTCCAGTTAGGG-1-10x	0.05193437	0.13483436	0.00016076

5mo_SIGAE9_AGTCAACTCCTTCTGG-1-10x	0.25180945	0.8464979	0.00080467
5mo_SIGAE9_AGTCACAAGGTAGGCT-1-10x	0.11494776	0.35919616	0.0026715
5mo_SIGAE9_AGTCATGAGAACTGAT-1-10x	0.19388661	0.6402612	0.0012741
5mo_SIGAE9_AGTCTCCTCACGAGGA-1-10x	0.04297263	0.10292573	8.29E-05
5mo_SIGAE9_AGTGACTAGTCTAGCT-1-10x	0.17359567	0.56801444	0.0015922
5mo_SIGAE9_AGTGACTAGTTTGGCT-1-10x	0.10197176	0.31299457	0.0039137
5mo_SIGAE9_AGTGCCGCAACCGATT-1-10x	0.04407982	0.10686791	8.81E-05
5mo_SIGAE9_AGTGTTGTCAATCTCT-1-10x	0.03374328	0.07006424	5.17E-05
5mo_SIGAE9_AGTGTTGTCATTTGCT-1-10x	0.02762148	0.04826731	4.19E-05
5mo_SIGAE9_AGTTCCCGTGGTTCTA-1-10x	0.09847566	0.30054656	0.0042345
5mo_SIGAE9_AGTTTCGACACAATCTG-1-10x	0.29086834	0.9855687	0.00076269
5mo_SIGAE9_ATACTTCCAGCTTTCC-1-10x	0.0685771	0.1940915	0.00097948
5mo_SIGAE9_ATAGACCAGGTGGGTT-1-10x	0.02125442	0.02559712	3.69E-05
5mo_SIGAE9_ATAGACCCAGCTAACT-1-10x	0.08339152	0.24683885	0.0034742
5mo_SIGAE9_ATAGACCGTCTCGGGT-1-10x	0.28382647	0.9604958	0.00075531
5mo_SIGAE9_ATAGGCTGTCACCGCA-1-10x	0.10017325	0.3065909	0.0040879
5mo_SIGAE9_ATAGGCTGTCGCGTT-1-10x	0.19672425	0.65036476	0.00124
5mo_SIGAE9_ATATCCTAGATTCGCT-1-10x	0.08678623	0.25892586	0.0039187
5mo_SIGAE9_ATATCCTTCGGAGTGA-1-10x	0.08551796	0.25441012	0.0037839
5mo_SIGAE9_ATCACAGGTGCACGCT-1-10x	0.04281183	0.10235319	8.29E-05
5mo_SIGAE9_ATCACAGGTTCAAACC-1-10x	0.04895758	0.12423537	0.00012523
5mo_SIGAE9_ATCACGATCAGCGTCG-1-10x	0.0915549	0.27590492	0.0043535
5mo_SIGAE9_ATCACTTTCAGCACCG-1-10x	0.07967621	0.23361035	0.0027593
5mo_SIGAE9_ATCAGGTCAAGACCTT-1-10x	0.10758287	0.33297315	0.0033168
5mo_SIGAE9_ATCATTCTCTCCAATT-1-10x	0.02378283	0.03459965	3.83E-05
5mo_SIGAE9_ATCCATTTACGAGGA-1-10x	0.08836702	0.26455435	0.0041422
5mo_SIGAE9_ATCCGTCAGTCAATCC-1-10x	0.09470803	0.28713176	0.0044051
5mo_SIGAE9_ATCCGCTCCGCCTAT-1-10x	0.04579665	0.11298075	0.00010046
5mo_SIGAE9_ATCGATGCAAACCTCGT-1-10x	0.26520717	0.89420104	0.00076135
5mo_SIGAE9_ATCGATGGTGGAACCA-1-10x	0.18980478	0.62572765	0.0013244
5mo_SIGAE9_ATCGCCTCAAGAGGCT-1-10x	0.05263265	0.13732061	0.00017575
5mo_SIGAE9_ATCGGATGTAAGTCAA-1-10x	0.2156005	0.7175744	0.001055
5mo_SIGAE9_ATCGGCGGTGCCTAAT-1-10x	0.08144153	0.23989584	0.0031253
5mo_SIGAE9_ATCGTCCCAGTCAACT-1-10x	0.0610206	0.16718628	0.00042799
5mo_SIGAE9_ATCGTGAGTCCATACA-1-10x	0.19866374	0.6572704	0.0012085
5mo_SIGAE9_ATGAAAGGTACTCCCT-1-10x	0.18198678	0.59789133	0.0014427
5mo_SIGAE9_ATGACCACAGTAGAGC-1-10x	0.19656244	0.6497886	0.00124
5mo_SIGAE9_ATGAGGGAGCCTCAGC-1-10x	0.10390315	0.31987134	0.0037215
5mo_SIGAE9_ATGAGGGTCACCGACG-1-10x	0.06144278	0.16868946	0.00042799
5mo_SIGAE9_ATGAGTCCAACCGACC-1-10x	0.01683164	0.00984964	3.38E-05
5mo_SIGAE9_ATGAGTCGTACAAAGT-1-10x	0.17100033	0.55877364	0.0016421

5mo_SIGAE9_ATGATCGCAGTTGTCA-1-10x	0.02653932	0.04441425	4.09E-05
5mo_SIGAE9_ATGATCGGTAAGTTAG-1-10x	0.21889499	0.72930455	0.0010326
5mo_SIGAE9_ATGCATGTCTGACCCT-1-10x	0.05055257	0.12991442	0.00014746
5mo_SIGAE9_ATGCCTCTCTCCACG-1-10x	0.01514084	0.00382947	3.27E-05
5mo_SIGAE9_ATGGAGGAGAGCAGTC-1-10x	0.02174739	0.02735237	3.69E-05
5mo_SIGAE9_ATGGAGGAGCCTATCA-1-10x	0.07386389	0.21291533	0.0017292
5mo_SIGAE9_ATGGAGGAGTTAGTAG-1-10x	0.08454398	0.25094223	0.0036353
5mo_SIGAE9_ATGGATCGTGAGGCAT-1-10x	0.04781826	0.12017877	0.00011598
5mo_SIGAE9_ATGGGAGAGAATCGAT-1-10x	0.18897869	0.62278634	0.001338
5mo_SIGAE9_ATGGGAGGTAACCAGG-1-10x	0.12600057	0.39855015	0.0020515
5mo_SIGAE9_ATGGGTTAGCCTGTTCG-1-10x	0.0375108	0.08347865	6.07E-05
5mo_SIGAE9_ATGGGTTTCATCGACA-1-10x	0.24770196	0.831873	0.00082396
5mo_SIGAE9_ATGGTTGAGAGATCGC-1-10x	0.09191142	0.27717432	0.0043903
5mo_SIGAE9_ATGGTTGCACCCTTGT-1-10x	0.02683082	0.04545215	4.19E-05
5mo_SIGAE9_ATGGTTGGTCTACGAT-1-10x	0.02759822	0.04818448	4.19E-05
5mo_SIGAE9_ATGTCCCGTTGCCAAT-1-10x	0.03701723	0.08172128	5.82E-05
5mo_SIGAE9_ATGTCCCTCGTCAAAC-1-10x	0.03430885	0.07207798	5.37E-05
5mo_SIGAE9_ATTACCTAGCGGACAT-1-10x	0.06933387	0.19678602	0.0010821
5mo_SIGAE9_ATTACTCGTAGCACAG-1-10x	0.01626483	0.0078315	3.33E-05
5mo_SIGAE9_ATTACTCGTTATAGCC-1-10x	0.05522451	0.14654905	0.000233
5mo_SIGAE9_ATTCAGGGTTGGGAAC-1-10x	0.04852039	0.12267876	0.00012523
5mo_SIGAE9_ATTCAGGTCTGATGGT-1-10x	0.11341091	0.35372415	0.0027534
5mo_SIGAE9_ATTCATCAGCCTTCTC-1-10x	0.01938487	0.01894052	3.55E-05
5mo_SIGAE9_ATTCATCAGGCTCTAT-1-10x	0.15317546	0.49530748	0.0018617
5mo_SIGAE9_ATTCATCGTGTACGCC-1-10x	0.16557053	0.53944063	0.0017353
5mo_SIGAE9_ATTCCATAGTATCCTG-1-10x	0.24302042	0.81520414	0.00085167
5mo_SIGAE9_ATTCCATCATCAGTGT-1-10x	0.08743078	0.26122078	0.0040384
5mo_SIGAE9_ATTCCCGCAGTTTCGA-1-10x	0.08475019	0.25167644	0.0036353
5mo_SIGAE9_ATTCCCGGTAGATTAG-1-10x	0.03723637	0.08250152	6.07E-05
5mo_SIGAE9_ATTCTAGTCGTACGC-1-10x	0.09273429	0.2801042	0.0044107
5mo_SIGAE9_ATTCTATCTCTGAGA-1-10x	0.08943253	0.26834813	0.0042295
5mo_SIGAE9_ATTCGTTCAAGAC-1-10x	0.11107244	0.34539795	0.0030221
5mo_SIGAE9_ATTCTACGTACTGACT-1-10x	0.10434376	0.3214402	0.0037215
5mo_SIGAE9_ATTCTTGCAAGATCCT-1-10x	0.08116954	0.2389274	0.0029431
5mo_SIGAE9_ATTCTTGCAATAATGCC-1-10x	0.07130419	0.20380142	0.0013138
5mo_SIGAE9_ATTCTTGGTACAAGCG-1-10x	0.14946182	0.4820849	0.0018705
5mo_SIGAE9_ATTGGGTCAAGACGAC-1-10x	0.22346221	0.74556637	0.00099599
5mo_SIGAE9_ATTGGGTTACCCCTTG-1-10x	0.042514	0.10129275	7.82E-05
5mo_SIGAE9_ATTTACCGTACGCTTA-1-10x	0.11916062	0.37419623	0.0023317
5mo_SIGAE9_ATTTCACTCAAGAGTA-1-10x	0.19754472	0.65328604	0.0012292
5mo_SIGAE9_ATTTCTGCAATGCAAA-1-10x	0.24143866	0.8095722	0.00086374

5mo_SIGAE9_CAACAACCAATGAGCG-1-10x	0.08067397	0.2371629	0.0029431
5mo_SIGAE9_CAACAACCTAACGGT-1-10x	0.23151128	0.7742254	0.00093779
5mo_SIGAE9_CAACCAAGTAGTCTTG-1-10x	0.09586516	0.29125178	0.0043808
5mo_SIGAE9_CAACCTCTCACAGAGG-1-10x	0.12548897	0.39672858	0.0020515
5mo_SIGAE9_CAACGATCAAAGACTA-1-10x	0.09382346	0.2839822	0.0044154
5mo_SIGAE9_CAACGATGTTACCGTA-1-10x	0.03839091	0.08661231	6.36E-05
5mo_SIGAE9_CAACGGCAGGTACAGC-1-10x	0.22795929	0.7615784	0.00095947
5mo_SIGAE9_CAACGGCGTTCAAGG-1-10x	0.08513382	0.25304237	0.0037839
5mo_SIGAE9_CAAGAGGAGAGGCTGT-1-10x	0.04755272	0.11923333	0.00011598
5mo_SIGAE9_CAATACGGTTAACCTG-1-10x	0.18921584	0.6236307	0.001338
5mo_SIGAE9_CAATACGTCTCCGAAA-1-10x	0.01902457	0.01765766	3.49E-05
5mo_SIGAE9_CAATCGACACATCCCT-1-10x	0.28073618	0.9494927	0.00075348
5mo_SIGAE9_CAATTTCCAGGTGTGAC-1-10x	0.09033517	0.271562	0.0042999
5mo_SIGAE9_CAATTTCCATCGATGT-1-10x	0.05000254	0.12795602	0.00013566
5mo_SIGAE9_CAATTTTCGTCCTCCTA-1-10x	0.06352294	0.17609595	0.00058553
5mo_SIGAE9_CACAACAGTAGCACAG-1-10x	0.01720304	0.01117203	3.38E-05
5mo_SIGAE9_CACACAATCCTTCACG-1-10x	0.19201648	0.6336025	0.0012985
5mo_SIGAE9_CACAGATGTGCAGGAT-1-10x	0.07799406	0.22762099	0.0023954
5mo_SIGAE9_CACAGGCAGAGAACCC-1-10x	0.01817943	0.0146485	3.44E-05
5mo_SIGAE9_CACAGGCTCGGTCTGG-1-10x	0.04550552	0.11194417	9.39E-05
5mo_SIGAE9_CACCAAAAGATGCTTC-1-10x	0.27995986	0.9467286	0.00075303
5mo_SIGAE9_CACCGTTAGGATGGCT-1-10x	0.04338552	0.10439582	8.29E-05
5mo_SIGAE9_CACGAATGTTGGCCGT-1-10x	0.02961392	0.05536147	4.55E-05
5mo_SIGAE9_CACGAATTCATAGGT-1-10x	0.04705972	0.11747798	0.00010777
5mo_SIGAE9_CACGAATTCGCCAACG-1-10x	0.06799223	0.19200905	0.00088537
5mo_SIGAE9_CACGGGTTCAGAGTGG-1-10x	0.23110802	0.7727896	0.00093779
5mo_SIGAE9_CACGTGGTCTGAGGCC-1-10x	0.11614467	0.36345783	0.0025211
5mo_SIGAE9_CACGTTCAGAGTATAC-1-10x	0.03242055	0.06535459	5.00E-05
5mo_SIGAE9_CACTAAGCAACCGACC-1-10x	0.01675603	0.00958043	3.38E-05
5mo_SIGAE9_CACTAAGGTATCTTCT-1-10x	0.06965869	0.19794255	0.0010821
5mo_SIGAE9_CACTGAAAGATAACGT-1-10x	0.03072139	0.05930467	4.68E-05
5mo_SIGAE9_CACTGAATCGCCAGA-1-10x	0.0163147	0.00800906	3.33E-05
5mo_SIGAE9_CACTGGGGTGCACGCT-1-10x	0.10594367	0.32713673	0.00352
5mo_SIGAE9_CACTGTCCAAGTGATA-1-10x	0.23138125	0.7737624	0.00093779
5mo_SIGAE9_CACTGTCTGTTGCCG-1-10x	0.26487127	0.893005	0.00076135
5mo_SIGAE9_CACTGTCTCCACGTAA-1-10x	0.09878348	0.30164257	0.0042345
5mo_SIGAE9_CAGATACTCCATTTCA-1-10x	0.02203966	0.02839301	3.69E-05
5mo_SIGAE9_CAGATCACAGGTCAGA-1-10x	0.04879353	0.12365126	0.00012523
5mo_SIGAE9_CAGATTGAGGGATCTG-1-10x	0.13810346	0.44164297	0.0018802
5mo_SIGAE9_CAGCAATCATACATCG-1-10x	0.03689869	0.0812992	5.82E-05
5mo_SIGAE9_CAGCAATCATATTCGG-1-10x	0.08966255	0.26916713	0.0042295

5mo_SIGAE9_CAGCAGCCAGAACGCA-1-10x	0.08225355	0.24278705	0.0033032
5mo_SIGAE9_CAGCGTGCATGAAAGT-1-10x	0.04386328	0.10609691	8.81E-05
5mo_SIGAE9_CAGCGTGTCCGTAGGC-1-10x	0.04765169	0.11958572	0.00011598
5mo_SIGAE9_CAGCGTGTCCGTAGGC-1-10x	0.25222176	0.84796596	0.00080028
5mo_SIGAE9_CAGGCCAGTTCACGAT-1-10x	0.11589437	0.36256662	0.002594
5mo_SIGAE9_CAGGGCTGTAGTAAGT-1-10x	0.05360695	0.14078967	0.00019264
5mo_SIGAE9_CAGTGCGAGACGACTG-1-10x	0.05180829	0.13438547	0.00016076
5mo_SIGAE9_CAGTTAGCAACCCGCA-1-10x	0.21093257	0.700954	0.0010934
5mo_SIGAE9_CATACCCAGACTCGAG-1-10x	0.09225416	0.27839467	0.0043903
5mo_SIGAE9_CATACCCAGGGCAGGA-1-10x	0.08275661	0.24457823	0.0033032
5mo_SIGAE9_CATACTTGTGTCATCA-1-10x	0.23171797	0.77496135	0.00093066
5mo_SIGAE9_CATAGACAGCCATTCA-1-10x	0.05443909	0.14375255	0.00021164
5mo_SIGAE9_CATCAAGAGGTAGGCT-1-10x	0.09414426	0.28512445	0.0044154
5mo_SIGAE9_CATCCACAGCCTCACG-1-10x	0.19693257	0.6511065	0.0012292
5mo_SIGAE9_CATCCACCACGTACAT-1-10x	0.01887072	0.01710988	3.49E-05
5mo_SIGAE9_CATCCACTCTCCTGTG-1-10x	0.04535231	0.11139868	9.39E-05
5mo_SIGAE9_CATCCACAATTGAAG-1-10x	0.04960819	0.1265519	0.00013566
5mo_SIGAE9_CATCCCATCTGGAGAG-1-10x	0.0287165	0.05216617	4.42E-05
5mo_SIGAE9_CATCGCTCAGCAGATG-1-10x	0.11692572	0.36623877	0.002453
5mo_SIGAE9_CATCGCTGTCTTGTCC-1-10x	0.05225203	0.13596542	0.00017575
5mo_SIGAE9_CATCGTCAGCGTGAGT-1-10x	0.24603218	0.8259277	0.00083459
5mo_SIGAE9_CATCGTCGTAAGGTCG-1-10x	0.09086096	0.27343413	0.0043535
5mo_SIGAE9_CATGCAACAACGATTC-1-10x	0.02289054	0.03142262	3.76E-05
5mo_SIGAE9_CATGCAAGTGGTCCCA-1-10x	0.26885182	0.9071779	0.00075594
5mo_SIGAE9_CATGCCTGTGTGTGGA-1-10x	0.2669876	0.9005403	0.00075831
5mo_SIGAE9_CATGCGGAGAGGATGA-1-10x	0.08647924	0.2578328	0.0039187
5mo_SIGAE9_CATGCGGGTCCGACGT-1-10x	0.03273379	0.06646992	5.00E-05
5mo_SIGAE9_CATGCGGGTGTGTGGA-1-10x	0.22840458	0.76316386	0.00095947
5mo_SIGAE9_CATGCGGTCACTGCTC-1-10x	0.17993596	0.59058934	0.001475
5mo_SIGAE9_CATGGATCACGACAGA-1-10x	0.03885298	0.08825752	6.36E-05
5mo_SIGAE9_CATGGATGTCCTCCTA-1-10x	0.12839136	0.40706265	0.0019821
5mo_SIGAE9_CATGGATTCACCTACGA-1-10x	0.26222634	0.88358766	0.00076727
5mo_SIGAE9_CATGGTAAGACTAAGT-1-10x	0.14849931	0.47865784	0.0018713
5mo_SIGAE9_CATGGTAGTATCGCGC-1-10x	0.01920707	0.01830745	3.49E-05
5mo_SIGAE9_CATGGTATCGGATAAA-1-10x	0.0271211	0.04648567	4.19E-05
5mo_SIGAE9_CATTATCATATCTCT-1-10x	0.04611154	0.11410195	0.00010046
5mo_SIGAE9_CATTCCGAGGGAGGTG-1-10x	0.01899441	0.01755028	3.49E-05
5mo_SIGAE9_CATTCCGTACCTACC-1-10x	0.04494197	0.10993765	9.39E-05
5mo_SIGAE9_CATTCTAAGTGCTACT-1-10x	0.0520408	0.13521332	0.00016076
5mo_SIGAE9_CATTCTACAATTCTTC-1-10x	0.25299603	0.85072273	0.00080028
5mo_SIGAE9_CATTGAGAGAGAGTTT-1-10x	0.04665501	0.11603698	0.00010777

5mo_SIGAE9_CATTGAGTCCGATTAG-1-10x	0.03474481	0.07363024	5.37E-05
5mo_SIGAE9_CATTTCAAGAGACAAG-1-10x	0.04315781	0.10358506	8.29E-05
5mo_SIGAE9_CATTTTCATCGCCAGAC-1-10x	0.07638554	0.2218938	0.0020486
5mo_SIGAE9_CCAATTTTCATGACT-1-10x	0.05306561	0.13886222	0.00019264
5mo_SIGAE9_CCAATTTGTTAAGACA-1-10x	0.11966946	0.37600797	0.0023317
5mo_SIGAE9_CCACAAAAGAAGCGAA-1-10x	0.28748658	0.9735278	0.00075864
5mo_SIGAE9_CCACAAAGTATTCCTT-1-10x	0.05916088	0.16056469	0.00034795
5mo_SIGAE9_CCACACTAGGTAAACT-1-10x	0.09769111	0.29775316	0.0042943
5mo_SIGAE9_CCACCATCATTACTCT-1-10x	0.1973101	0.6524507	0.0012292
5mo_SIGAE9_CCACGAGGTAACGGTG-1-10x	0.02281507	0.03115389	3.76E-05
5mo_SIGAE9_CCACGTTAGGGTAGCT-1-10x	0.0443637	0.1078787	8.81E-05
5mo_SIGAE9_CCACTTGGTCAAGTTC-1-10x	0.06314892	0.17476423	0.00052741
5mo_SIGAE9_CCATAAGTCGCTGACG-1-10x	0.05359944	0.14076294	0.00019264
5mo_SIGAE9_CCCAAGTGTGG-1-10x	0.112275	0.34967968	0.0028393
5mo_SIGAE9_CCCAAGTGTGG-1-10x	0.23365158	0.78184605	0.00091657
5mo_SIGAE9_CCCAAGTGTGG-1-10x	0.04659205	0.1158128	0.00010777
5mo_SIGAE9_CCCATTGCAAATGATG-1-10x	0.02117113	0.02530057	3.69E-05
5mo_SIGAE9_CCCATTGGTTAACAGA-1-10x	0.2033592	0.67398876	0.0011608
5mo_SIGAE9_CCCATTGTCATTCAT-1-10x	0.08336125	0.24673109	0.0034742
5mo_SIGAE9_CCCGAAGAGATTGACA-1-10x	0.04461131	0.10876032	9.39E-05
5mo_SIGAE9_CCCGAAGAGCTGAGCA-1-10x	0.05344353	0.1402078	0.00019264
5mo_SIGAE9_CCCGAACAATGAGCG-1-10x	0.01571665	0.00587967	3.33E-05
5mo_SIGAE9_CCCGAAGTTGGATCT-1-10x	0.23319726	0.7802284	0.00092358
5mo_SIGAE9_CCCGAATCTACTATC-1-10x	0.07196757	0.2061634	0.0014433
5mo_SIGAE9_CCCTAACCATGCACTA-1-10x	0.04206182	0.09968273	7.82E-05
5mo_SIGAE9_CCCTCAAAGTTCGCAT-1-10x	0.20855431	0.69248617	0.0011177
5mo_SIGAE9_CCCTCAACACAACGTT-1-10x	0.0262237	0.04329047	4.09E-05
5mo_SIGAE9_CCCTCTCAGGTGCCAA-1-10x	0.27200735	0.91841334	0.000753
5mo_SIGAE9_CCCTCTCGTAGATTGA-1-10x	0.14098841	0.45191497	0.0018734
5mo_SIGAE9_CCCTCTCGTCCCTGTT-1-10x	0.0840683	0.24924855	0.0036353
5mo_SIGAE9_CCCTCTCGCTGATA-1-10x	0.04740563	0.11870962	0.00010777
5mo_SIGAE9_CCCTGATCACTGCGAC-1-10x	0.04150587	0.09770326	7.40E-05
5mo_SIGAE9_CCCTTAGAGGGTATAT-1-10x	0.272294	0.919434	0.000753
5mo_SIGAE9_CCCTTAGTCTGAGCAT-1-10x	0.07003464	0.19928114	0.0011935
5mo_SIGAE9_CCGAACGTCTCTCAAT-1-10x	0.01781874	0.01336426	3.44E-05
5mo_SIGAE9_CCGATCTCATAAGCAA-1-10x	0.14283931	0.45850518	0.0018718
5mo_SIGAE9_CCGCAAGCATGTGGCC-1-10x	0.09297795	0.28097174	0.0044107
5mo_SIGAE9_CCGGACAAGATAGGGA-1-10x	0.01531122	0.00443613	3.27E-05
5mo_SIGAE9_CCGGACAAGCCGTTGC-1-10x	0.04121678	0.09667393	7.40E-05
5mo_SIGAE9_CCGGACACAATTTCTC-1-10x	0.06041459	0.16502854	0.00038577
5mo_SIGAE9_CCGGACAGTGTAATG-1-10x	0.05706904	0.15311657	0.00028394

5mo_SIGAE9_CCGGGTATCCCATGGG-1-10x	0.04835862	0.12210275	0.00012523
5mo_SIGAE9_CCGGTGAAGACCCTTA-1-10x	0.11629411	0.3639899	0.0025211
5mo_SIGAE9_CCGGTGATCACCGGTG-1-10x	0.11008934	0.34189755	0.0031181
5mo_SIGAE9_CCGTAGGTCCGGACGT-1-10x	0.08071161	0.23729692	0.0029431
5mo_SIGAE9_CCGTGAGAGTTACGTC-1-10x	0.0520882	0.13538209	0.00016076
5mo_SIGAE9_CCGTTCAAGATGGCAC-1-10x	0.09364982	0.28336397	0.0044154
5mo_SIGAE9_CCGTTCAAGTACTCGT-1-10x	0.05152335	0.1333709	0.00016076
5mo_SIGAE9_CCTAACCCAGTACTAC-1-10x	0.04554739	0.11209325	0.00010046
5mo_SIGAE9_CCTAACCGTTCCTAAG-1-10x	0.19160642	0.6321425	0.0012985
5mo_SIGAE9_CCTAAGAAGACCATGG-1-10x	0.24940637	0.8379416	0.00081397
5mo_SIGAE9_CCTACGTAGGTCTGGA-1-10x	0.05773151	0.15547533	0.00028394
5mo_SIGAE9_CCTATCGAGCGCTGCT-1-10x	0.259888	0.87526184	0.00077221
5mo_SIGAE9_CCTCAACAGGGCCCTT-1-10x	0.056677	0.15172069	0.000257
5mo_SIGAE9_CCTCAACGTTGTTGTG-1-10x	0.08855791	0.265234	0.0041422
5mo_SIGAE9_CCTCACACACGGTAGA-1-10x	0.19670475	0.65029526	0.00124
5mo_SIGAE9_CCTCACAGTAGCACAG-1-10x	0.08435639	0.2502743	0.0036353
5mo_SIGAE9_CCTCACATCACTGGTA-1-10x	0.08819388	0.26393786	0.0041422
5mo_SIGAE9_CCTCAGTAGAGATGCC-1-10x	0.01879931	0.0168556	3.49E-05
5mo_SIGAE9_CCTCAGTGTCTCTCTG-1-10x	0.27665502	0.93496156	0.00075222
5mo_SIGAE9_CCTCATGCACACAGCC-1-10x	0.02604133	0.0426411	4.09E-05
5mo_SIGAE9_CCTCCAACAACCTCGAT-1-10x	0.06828842	0.19306363	0.00097948
5mo_SIGAE9_CCTCCAACACGTAACCT-1-10x	0.13105994	0.41656426	0.001934
5mo_SIGAE9_CCTCCTCGTAAGGAGA-1-10x	0.20819049	0.6911907	0.0011177
5mo_SIGAE9_CCTCCTCGTGTTCCTCAA-1-10x	0.17027435	0.55618876	0.0016584
5mo_SIGAE9_CCTCTCCTCCATACAG-1-10x	0.06290603	0.17389944	0.00052741
5mo_SIGAE9_CCTGCATCAGTTTCAG-1-10x	0.23795311	0.7971618	0.00088935
5mo_SIGAE9_CCTGCATCATGAATCC-1-10x	0.10389957	0.3198586	0.0037215
5mo_SIGAE9_CCTTTGGAGTCCGCGT-1-10x	0.27604866	0.9328026	0.00075214
5mo_SIGAE9_CGAAGTTAGGCACAAC-1-10x	0.2168097	0.72187984	0.0010475
5mo_SIGAE9_CGAAGTTGTTACACAC-1-10x	0.08918634	0.26747155	0.0042295
5mo_SIGAE9_CGAAGTTTCATCGCTC-1-10x	0.02953398	0.05507685	4.42E-05
5mo_SIGAE9_CGAATTGAGGCCCACT-1-10x	0.0965829	0.29380733	0.0043435
5mo_SIGAE9_CGACAGCGTAGATCGG-1-10x	0.159072	0.5163023	0.0018209
5mo_SIGAE9_CGACAGCGTGAATGAT-1-10x	0.02889566	0.05280407	4.42E-05
5mo_SIGAE9_CGACAGCGTTGGGCCT-1-10x	0.2248958	0.75067073	0.00098869
5mo_SIGAE9_CGAGAAGCAAAGAGTT-1-10x	0.25312024	0.851165	0.00080028
5mo_SIGAE9_CGAGGAAAGCTAGATA-1-10x	0.10768998	0.33335453	0.0033168
5mo_SIGAE9_CGAGTGCAGTTTAGGA-1-10x	0.15309295	0.4950137	0.0018617
5mo_SIGAE9_CGATGCGTCCTTATAC-1-10x	0.0488156	0.12372988	0.00012523
5mo_SIGAE9_CGCAGGTAGACACACG-1-10x	0.03340276	0.06885178	5.17E-05
5mo_SIGAE9_CGCAGGTAGATACTGA-1-10x	0.03158832	0.06239143	4.83E-05

5mo_SIGAE9_CGCAGGTGTCCCGCAA-1-10x	0.04517748	0.11077619	9.39E-05
5mo_SIGAE9_CGCATAAAGCGAGTCA-1-10x	0.231236	0.7732452	0.00093779
5mo_SIGAE9_CGCCATTCAAAGCAAT-1-10x	0.02106272	0.02491459	3.62E-05
5mo_SIGAE9_CGCCATTTCAAGTATC-1-10x	0.25471628	0.85684776	0.00079207
5mo_SIGAE9_CGCGTGATCAAATGCC-1-10x	0.22088756	0.7363992	0.0010179
5mo_SIGAE9_CGGAATTAGGGTGGGA-1-10x	0.25591525	0.86111677	0.00078825
5mo_SIGAE9_CGGAATTGTTCTCCA-1-10x	0.06359071	0.17633727	0.00058553
5mo_SIGAE9_CGGACACGTGGGCTTC-1-10x	0.23970076	0.8033844	0.00087632
5mo_SIGAE9_CGGAGAAGTCACCTTC-1-10x	0.28741825	0.9732845	0.00075864
5mo_SIGAE9_CGGCAGTGTGTAATG-1-10x	0.08194175	0.24167688	0.0031253
5mo_SIGAE9_CGGCAGTTCGCTCTA-1-10x	0.02391529	0.03507128	3.83E-05
5mo_SIGAE9_CGGGACTAGCACTCAT-1-10x	0.09839369	0.30025473	0.0042345
5mo_SIGAE9_CGGGACTCAAGCGCTC-1-10x	0.2820266	0.95408726	0.00075401
5mo_SIGAE9_CGGGACTCAGCACACC-1-10x	0.29202965	0.9897036	0.00076378
5mo_SIGAE9_CGGGCATAGACCAACG-1-10x	0.10252193	0.31495348	0.0039137
5mo_SIGAE9_CGGGCATTCACCTTGT-1-10x	0.04964913	0.12669769	0.00013566
5mo_SIGAE9_CGGGTCACAGCGTTTA-1-10x	0.24573278	0.82486165	0.00083459
5mo_SIGAE9_CGGGTCATCCCAGTGG-1-10x	0.02284382	0.03125624	3.76E-05
5mo_SIGAE9_CGGGTGTAGGGTCTTT-1-10x	0.27490902	0.92874485	0.00075218
5mo_SIGAE9_CGGTCAGTCAAGGCTT-1-10x	0.07822166	0.22843137	0.0023954
5mo_SIGAE9_CGTAAGTAGTCAGAGC-1-10x	0.0211715	0.0253019	3.69E-05
5mo_SIGAE9_CGTAAGTGTAGAATGT-1-10x	0.05367762	0.1410413	0.00019264
5mo_SIGAE9_CGTAAGTTCGCTCTCA-1-10x	0.11932391	0.37477762	0.0023317
5mo_SIGAE9_CGTAATGTCAACTACG-1-10x	0.27913117	0.94377804	0.00075266
5mo_SIGAE9_CGTCCATGTCATCACA-1-10x	0.04697784	0.11718644	0.00010777
5mo_SIGAE9_CGTGCTTGTGTCGATT-1-10x	0.06684879	0.18793777	0.00079936
5mo_SIGAE9_CGTGCTTTCTGCTCTG-1-10x	0.2330692	0.7797724	0.00092358
5mo_SIGAE9_CGTTAGAGTCGGCTAC-1-10x	0.02729496	0.04710473	4.19E-05
5mo_SIGAE9_CGTTAGATCTCCGAGG-1-10x	0.26301134	0.88638264	0.00076511
5mo_SIGAE9_CGTTCTGTACACCGG-1-10x	0.21892	0.72939366	0.0010326
5mo_SIGAE9_CTAACCCAGTCAGAG-1-10x	0.07497339	0.21686576	0.001885
5mo_SIGAE9_CTAACCCATAGGCGA-1-10x	0.06627757	0.18590394	0.00079936
5mo_SIGAE9_CTAACCCGTTGGGTTT-1-10x	0.0434561	0.10464715	8.29E-05
5mo_SIGAE9_CTAACCTCATTACTCT-1-10x	0.03449847	0.07275312	5.37E-05
5mo_SIGAE9_CTAACCTGTACGTGAG-1-10x	0.08973562	0.2694273	0.0042999
5mo_SIGAE9_CTAACCTTCAGTGTCA-1-10x	0.27413315	0.92598236	0.00075233
5mo_SIGAE9_CTAAGTGTCTCCAGC-1-10x	0.01606605	0.00712372	3.33E-05
5mo_SIGAE9_CTACAGAAGTCGAATA-1-10x	0.05692852	0.15261626	0.00028394
5mo_SIGAE9_CTACATTCATTCACAG-1-10x	0.26605842	0.89723194	0.00075974
5mo_SIGAE9_CTACATTGTAGGAGGG-1-10x	0.2444338	0.82023656	0.00084583
5mo_SIGAE9_CTACATTTCTGAGTCA-1-10x	0.02250961	0.03006628	3.76E-05

5mo_SIGAE9_CTACCCATCTCCGCAT-1-10x	0.21251298	0.7065812	0.0010856
5mo_SIGAE9_CTACGGGAGAGGCTGT-1-10x	0.02239202	0.02964759	3.76E-05
5mo_SIGAE9_CTACTATCATGATGCT-1-10x	0.27451015	0.92732465	0.00075233
5mo_SIGAE9_CTACTATGTGTGGACA-1-10x	0.0577431	0.1555166	0.00028394
5mo_SIGAE9_CTAGACAAGCAGCCCT-1-10x	0.02575348	0.04161621	4.00E-05
5mo_SIGAE9_CTATAGGAGCTCCGAC-1-10x	0.02309133	0.03213754	3.83E-05
5mo_SIGAE9_CTATCTACATCATTTTC-1-10x	0.03034491	0.0579642	4.55E-05
5mo_SIGAE9_CTATCTAGTAACATCC-1-10x	0.10296237	0.31652167	0.0038193
5mo_SIGAE9_CTCAAGAAGACCAACG-1-10x	0.02031317	0.02224578	3.62E-05
5mo_SIGAE9_CTCACTGCAGTTCACA-1-10x	0.16623421	0.54180366	0.0017206
5mo_SIGAE9_CTCAGAAAGACTCAAA-1-10x	0.091199	0.27463773	0.0043535
5mo_SIGAE9_CTCAGAAAGTGGTCAAG-1-10x	0.02774918	0.04872199	4.30E-05
5mo_SIGAE9_CTCAGAAAGTTAGAAGT-1-10x	0.05598295	0.14924952	0.000257
5mo_SIGAE9_CTCAGGGCACAAACGG-1-10x	0.02799901	0.04961152	4.30E-05
5mo_SIGAE9_CTCAGGGGTGCGGGTT-1-10x	0.16025709	0.5205219	0.0018
5mo_SIGAE9_CTCAGGGTCCGGTAGC-1-10x	0.0530196	0.13869838	0.00017575
5mo_SIGAE9_CTCAGTCGTCTGTAAC-1-10x	0.07610738	0.2209034	0.0020486
5mo_SIGAE9_CTCATGCTCCGCGGAT-1-10x	0.02443094	0.03690727	3.91E-05
5mo_SIGAE9_CTCATGCTCGCTAAAC-1-10x	0.02640479	0.04393524	4.09E-05
5mo_SIGAE9_CTCATTAGTTTCAAAG-1-10x	0.08802785	0.2633467	0.0041422
5mo_SIGAE9_CTCATTATCCCGAATA-1-10x	0.08105972	0.2385364	0.0029431
5mo_SIGAE9_CTCCACAGTTGCAACT-1-10x	0.14451188	0.46446043	0.0018716
5mo_SIGAE9_CTCCACATCTTGGTGA-1-10x	0.25422668	0.85510457	0.00079207
5mo_SIGAE9_CTCCATGCACGTTGGC-1-10x	0.09322589	0.28185454	0.0044107
5mo_SIGAE9_CTCCATGGTGTAGCAG-1-10x	0.01693544	0.01021921	3.38E-05
5mo_SIGAE9_CTCCCAATCAACGAGG-1-10x	0.21524496	0.7163085	0.0010625
5mo_SIGAE9_CTCCTCCCACTCTGCT-1-10x	0.17209455	0.5626697	0.0016256
5mo_SIGAE9_CTCCTTTTCCAGCCTT-1-10x	0.26061386	0.87784636	0.00077221
5mo_SIGAE9_CTCTCAGGTAGAATAC-1-10x	0.18646361	0.6138313	0.0013662
5mo_SIGAE9_CTCTCGAGTAAGGCTG-1-10x	0.04984499	0.12739505	0.00013566
5mo_SIGAE9_CTCTGGTAGCCTATTG-1-10x	0.10434294	0.32143724	0.0037215
5mo_SIGAE9_CTGAGCGTCCAGTACA-1-10x	0.21799009	0.7260826	0.00104
5mo_SIGAE9_CTGATCCCAAGGAGTC-1-10x	0.27717236	0.9368036	0.00075222
5mo_SIGAE9_CTGATCCCAATACCTG-1-10x	0.06235046	0.1719213	0.00047505
5mo_SIGAE9_CTGATCCTCTGTCCGT-1-10x	0.02709543	0.04639427	4.19E-05
5mo_SIGAE9_CTGCCTATCTGTAACG-1-10x	0.0328304	0.0668139	5.00E-05
5mo_SIGAE9_CTGCGAGTCCTACTGC-1-10x	0.21791422	0.7258125	0.00104
5mo_SIGAE9_CTGCTCACAATTGTGC-1-10x	0.27859798	0.9418796	0.00075266
5mo_SIGAE9_CTGCTCAGTCCAGGTC-1-10x	0.02832868	0.05078531	4.30E-05
5mo_SIGAE9_CTGGCAGTCTCGGCTT-1-10x	0.27326035	0.92287475	0.0007526
5mo_SIGAE9_CTGGTCTGTAAGCAAT-1-10x	0.04912696	0.12483849	0.00012523

5mo_SIGAE9_CTGTACCCATAATCGC-1-10x	0.28762665	0.9740265	0.00075864
5mo_SIGAE9_CTGTACCTCGGTAGAG-1-10x	0.18036681	0.5921234	0.001475
5mo_SIGAE9_CTGTACCTCTTGGTGA-1-10x	0.0414662	0.097562	7.40E-05
5mo_SIGAE9_CTGTATTAGCAACAGC-1-10x	0.02637127	0.0438159	4.09E-05
5mo_SIGAE9_CTGTGAAAGCTAAACA-1-10x	0.22561567	0.7532338	0.00098137
5mo_SIGAE9_CTGTGAAAGTCGAAAT-1-10x	0.0481596	0.12139416	0.00011598
5mo_SIGAE9_CTGTGGGAGAGGGTAA-1-10x	0.05008159	0.12823747	0.00013566
5mo_SIGAE9_CTGTGGGCAATTGCAC-1-10x	0.18514986	0.6091536	0.0013959
5mo_SIGAE9_CTTAGGACACAGCTTA-1-10x	0.06084671	0.16656715	0.00042799
5mo_SIGAE9_CTTAGGACAGTAGAGC-1-10x	0.03741831	0.08314932	6.07E-05
5mo_SIGAE9_CTTAGGAGTCAACCTA-1-10x	0.21439582	0.7132851	0.0010701
5mo_SIGAE9_CTTCCGAGTATGTCCA-1-10x	0.04798648	0.12077775	0.00011598
5mo_SIGAE9_CTTCTTAGCCTATCA-1-10x	0.02433246	0.03655661	3.91E-05
5mo_SIGAE9_CTTCCGGTAGTAACCTC-1-10x	0.01811981	0.01443623	3.44E-05
5mo_SIGAE9_CTTCCGGTCACTGCATA-1-10x	0.01577987	0.00610477	3.33E-05
5mo_SIGAE9_CTTCCGGTCAGAGAATT-1-10x	0.06000325	0.16356397	0.00038577
5mo_SIGAE9_CTTCCGGTCAGTCAGTT-1-10x	0.08620103	0.25684223	0.0039187
5mo_SIGAE9_CTTCTAAAGAAGTGTT-1-10x	0.08642841	0.25765184	0.0039187
5mo_SIGAE9_CTTCTAATCCGATCGG-1-10x	0.17739733	0.5815504	0.0015248
5mo_SIGAE9_CTTCTAATCCGTTGAA-1-10x	0.03193931	0.06364112	4.83E-05
5mo_SIGAE9_CTTCTCTCAAATTAGG-1-10x	0.0406264	0.09457187	7.01E-05
5mo_SIGAE9_CTTCTCTCACTCCCTA-1-10x	0.04084342	0.09534458	7.40E-05
5mo_SIGAE9_CTTGAGATCGTAACTG-1-10x	0.22669226	0.7570671	0.00097406
5mo_SIGAE9_CTTGATTAGCCAGACA-1-10x	0.25766304	0.86733985	0.00078121
5mo_SIGAE9_CTTTCAATCACTTGTT-1-10x	0.02048029	0.02284081	3.62E-05
5mo_SIGAE9_CTTTCGGAGCGTTGTT-1-10x	0.03480861	0.0738574	5.37E-05
5mo_SIGAE9_CTTTCGGGTGGATACG-1-10x	0.04194054	0.09925092	7.82E-05
5mo_SIGAE9_GAACACTAGTGGCCTC-1-10x	0.0260518	0.0426784	4.09E-05
5mo_SIGAE9_GAACACTCAATAAGGT-1-10x	0.28216118	0.9545665	0.00075401
5mo_SIGAE9_GAACGTTGTATGAGCG-1-10x	0.06146393	0.16876476	0.00042799
5mo_SIGAE9_GAACGTTGTGGATCAG-1-10x	0.0853015	0.2536394	0.0037839
5mo_SIGAE9_GAACTGTTCCCAAGCG-1-10x	0.13806063	0.4414905	0.0018802
5mo_SIGAE9_GAAGAATCACGCCAGT-1-10x	0.02220135	0.02896871	3.76E-05
5mo_SIGAE9_GAAGAATGTGTGACCC-1-10x	0.2698785	0.9108335	0.00075499
5mo_SIGAE9_GAAGCCGTATTTTCGG-1-10x	0.18466562	0.6074295	0.0013959
5mo_SIGAE9_GAAGCGAAGTCACACT-1-10x	0.05457451	0.14423472	0.00021164
5mo_SIGAE9_GAAGCGAAGTCTACCA-1-10x	0.05928195	0.16099575	0.00034795
5mo_SIGAE9_GAAGCGAAGTTACTCG-1-10x	0.09176658	0.27665862	0.0043903
5mo_SIGAE9_GAAGCGATCACCTACC-1-10x	0.09009634	0.27071166	0.0042999
5mo_SIGAE9_GAAGGACAGAGCTGCA-1-10x	0.14634489	0.47098693	0.0018717
5mo_SIGAE9_GAAGGACAGTTACTCG-1-10x	0.11314757	0.3527865	0.0028393

5mo_SIGAE9_GAAGTAACAAGGCTTT-1-10x	0.23693402	0.79353327	0.00089602
5mo_SIGAE9_GAAGTAATCGACATTG-1-10x	0.08299175	0.24541545	0.0033032
5mo_SIGAE9_GAATCACCAGCCATTA-1-10x	0.08731026	0.2607917	0.0040384
5mo_SIGAE9_GAATCGTGTGGCCTG-1-10x	0.03220872	0.06460039	4.83E-05
5mo_SIGAE9_GAATCGTTCACAATGC-1-10x	0.01650549	0.00868836	3.38E-05
5mo_SIGAE9_GAATCGTTCAGCTGTA-1-10x	0.02668656	0.04493849	4.09E-05
5mo_SIGAE9_GACACGCTCGGACCAC-1-10x	0.04600668	0.1137286	0.00010046
5mo_SIGAE9_GACAGCCAGACCAGAC-1-10x	0.27856535	0.94176334	0.00075266
5mo_SIGAE9_GACAGCCAGCAGCGAT-1-10x	0.2664858	0.89875364	0.00075831
5mo_SIGAE9_GACAGCCCACCTTGT-1-10x	0.08075957	0.23746769	0.0029431
5mo_SIGAE9_GACATCATCGATCCCT-1-10x	0.03479183	0.07379765	5.37E-05
5mo_SIGAE9_GACCAATCAGCTGGTC-1-10x	0.02286875	0.031345	3.76E-05
5mo_SIGAE9_GACCAATCATGGAACG-1-10x	0.01656527	0.00890122	3.38E-05
5mo_SIGAE9_GACCAATTCATCGACA-1-10x	0.05866575	0.15880175	0.00031414
5mo_SIGAE9_GACCAATTCGCGTCGA-1-10x	0.01544544	0.00491401	3.27E-05
5mo_SIGAE9_GACCCAGGTGCCTTTC-1-10x	0.25153962	0.8455371	0.00080467
5mo_SIGAE9_GACCTTGTGCAACAG-1-10x	0.08808991	0.2635677	0.0041422
5mo_SIGAE9_GACCCTTCTTGCTC-1-10x	0.26173204	0.88182765	0.00076727
5mo_SIGAE9_GACCGTGCACGACGCT-1-10x	0.05213672	0.13555487	0.00017575
5mo_SIGAE9_GACCTTCGTACTGCCG-1-10x	0.06614287	0.18542431	0.00072102
5mo_SIGAE9_GACCTTCTCCAACCAA-1-10x	0.08540326	0.25400177	0.0037839
5mo_SIGAE9_GACGCTGGTAAGATTG-1-10x	0.05159891	0.13363995	0.00016076
5mo_SIGAE9_GACGTTATCTGTCCGT-1-10x	0.06698188	0.18841167	0.00079936
5mo_SIGAE9_GACTCAAAGGGACAGG-1-10x	0.27390674	0.9251762	0.00075233
5mo_SIGAE9_GACTGATCAGACGCTC-1-10x	0.04157749	0.09795826	7.40E-05
5mo_SIGAE9_GACTTCCGTCGATTAC-1-10x	0.27216154	0.91896236	0.000753
5mo_SIGAE9_GAGACTTCAAGTTTGC-1-10x	0.03442456	0.07248997	5.37E-05
5mo_SIGAE9_GAGACTTGTACTGGGA-1-10x	0.09683412	0.29470178	0.0043435
5mo_SIGAE9_GAGACTTGTGGAAA-1-10x	0.01691967	0.01016307	3.38E-05
5mo_SIGAE9_GAGAGGTCACCTGCCGA-1-10x	0.01567257	0.00572273	3.33E-05
5mo_SIGAE9_GAGAGGTCAGCGCGTT-1-10x	0.03943516	0.09033042	6.67E-05
5mo_SIGAE9_GAGAGGTGTCGTGATT-1-10x	0.02571388	0.04147523	4.00E-05
5mo_SIGAE9_GAGCCTGAGGCCTTCG-1-10x	0.01509695	0.00367321	3.27E-05
5mo_SIGAE9_GAGGGTAGTGCTGCAC-1-10x	0.01994485	0.02093437	3.55E-05
5mo_SIGAE9_GAGGGTATCGCCTTTG-1-10x	0.07092555	0.20245326	0.0013138
5mo_SIGAE9_GAGTCATCATGTTCGA-1-10x	0.04650749	0.11551174	0.00010777
5mo_SIGAE9_GAGTCTACAATCGAAA-1-10x	0.1785763	0.5857482	0.0015081
5mo_SIGAE9_GAGTCTAGTGACTGAG-1-10x	0.07353528	0.2117453	0.0015819
5mo_SIGAE9_GAGTCTAGTTTATGCG-1-10x	0.04939309	0.12578604	0.00013566
5mo_SIGAE9_GAGTGAGAGTCCCAAT-1-10x	0.10105985	0.3097477	0.0040036
5mo_SIGAE9_GAGTGAGTCCCGAAAT-1-10x	0.16992877	0.55495834	0.0016584

5mo_SIGAE9_GAGTGTTAGAGTGGCT-1-10x	0.03544667	0.07612921	5.58E-05
5mo_SIGAE9_GAGTGTTAGTTGCCCG-1-10x	0.06051501	0.1653861	0.00038577
5mo_SIGAE9_GAGTTGTGTTGCATGT-1-10x	0.04086176	0.09540988	7.40E-05
5mo_SIGAE9_GAGTTTGGTAGTAAGT-1-10x	0.25196186	0.84704053	0.00080467
5mo_SIGAE9_GAGTTTGGTGGCCTCA-1-10x	0.10643029	0.32886934	0.00352
5mo_SIGAE9_GAGTTTGTCTTTGAAG-1-10x	0.0197094	0.02009601	3.55E-05
5mo_SIGAE9_GAGTTTGTCTTTGATC-1-10x	0.01813783	0.01450039	3.44E-05
5mo_SIGAE9_GATAGCTCAATCGTCA-1-10x	0.02501723	0.03899478	4.00E-05
5mo_SIGAE9_GATCATGGTAGACACG-1-10x	0.04915105	0.12492425	0.00012523
5mo_SIGAE9_GATCCCTCAACAGAGC-1-10x	0.10311903	0.31707948	0.0038193
5mo_SIGAE9_GATCGTAAGTAAATGC-1-10x	0.03036509	0.05803606	4.55E-05
5mo_SIGAE9_GATCGTACAGGTCAAG-1-10x	0.22858061	0.7637906	0.00095947
5mo_SIGAE9_GATCGTAGTGCCTATA-1-10x	0.19413248	0.6411366	0.0012624
5mo_SIGAE9_GATCGTAGTTACGCCG-1-10x	0.09839275	0.30025136	0.0042345
5mo_SIGAE9_GATGATCGTCCTACGG-1-10x	0.08675243	0.2588055	0.0039187
5mo_SIGAE9_GATGTTGCACATGAAA-1-10x	0.09257253	0.2795282	0.0044107
5mo_SIGAE9_GATGTTGCAGCAGTGA-1-10x	0.02251658	0.03009111	3.76E-05
5mo_SIGAE9_GATTGGTCACTGAGGA-1-10x	0.24281767	0.8144823	0.00085167
5mo_SIGAE9_GCAACATCAGCTCATA-1-10x	0.0453989	0.11156455	9.39E-05
5mo_SIGAE9_GCAACATGTTGGATCT-1-10x	0.03036328	0.0580296	4.55E-05
5mo_SIGAE9_GCAACATGTTGGTAGG-1-10x	0.08248519	0.24361184	0.0033032
5mo_SIGAE9_GCACATAAGTCACTGT-1-10x	0.02718637	0.04671809	4.19E-05
5mo_SIGAE9_GCACATAAGTTGGGAC-1-10x	0.28837454	0.9766894	0.0007596
5mo_SIGAE9_GCACATAGTGAGATTA-1-10x	0.10944901	0.3396176	0.0031181
5mo_SIGAE9_GCACGGTCACCAAAGG-1-10x	0.04871737	0.1233801	0.00012523
5mo_SIGAE9_GCACGTGAGGTCTACT-1-10x	0.09197621	0.277405	0.0043903
5mo_SIGAE9_GCACGTGCAATTGAAG-1-10x	0.08853199	0.2651417	0.0041422
5mo_SIGAE9_GCACTAATCACTGGGC-1-10x	0.05004781	0.1281172	0.00013566
5mo_SIGAE9_GCACTAATCTGACCCT-1-10x	0.23849513	0.7990917	0.00088278
5mo_SIGAE9_GCAGCCAAGAACAAGG-1-10x	0.01654096	0.00881467	3.38E-05
5mo_SIGAE9_GCAGCCAAGAGCAAGA-1-10x	0.044252	0.10748097	8.81E-05
5mo_SIGAE9_GCAGCCACAAATCAGA-1-10x	0.0810658	0.23855802	0.0029431
5mo_SIGAE9_GCAGCCACACAGTATC-1-10x	0.05759157	0.15497707	0.00028394
5mo_SIGAE9_GCAGCTGCACCCTATC-1-10x	0.17845558	0.5853184	0.0015081
5mo_SIGAE9_GCAGCTGTCCACCTGT-1-10x	0.24920791	0.837235	0.00081888
5mo_SIGAE9_GCAGGCTAGAACTTCC-1-10x	0.2622098	0.88352877	0.00076727
5mo_SIGAE9_GCAGGCTAGCATGATA-1-10x	0.06167128	0.16950305	0.00047505
5mo_SIGAE9_GCAGTTAAGCGACCCT-1-10x	0.0950869	0.28848076	0.0044051
5mo_SIGAE9_GCAGTTAGTCCTGAAT-1-10x	0.21904753	0.7298477	0.0010326
5mo_SIGAE9_GCAGTTATCCGTGTAA-1-10x	0.03728267	0.08266638	6.07E-05
5mo_SIGAE9_GCAGTTATCGCCAATA-1-10x	0.0434314	0.1045592	8.29E-05

5mo_SIGAE9_GCATCGGCACAAATCC-1-10x	0.01856739	0.01602984	3.49E-05
5mo_SIGAE9_GCATCGGCATCATCCC-1-10x	0.26926407	0.9086458	0.00075499
5mo_SIGAE9_GCATCGGGTTGGATCT-1-10x	0.12490676	0.3946556	0.0020803
5mo_SIGAE9_GCATCGGGTTGTCAGT-1-10x	0.2928558	0.9926451	0.00076488
5mo_SIGAE9_GCATCTCCAACTAGA-1-10x	0.03571051	0.07706864	5.58E-05
5mo_SIGAE9_GCATCTCGTAAGTCAA-1-10x	0.0391291	0.08924069	6.67E-05
5mo_SIGAE9_GCATGATAGGTTGAGC-1-10x	0.20833267	0.691697	0.0011177
5mo_SIGAE9_GCATGATCAAATCAGA-1-10x	0.18451303	0.6068862	0.0014112
5mo_SIGAE9_GCATTAGCAAGAGTAT-1-10x	0.27585927	0.93212825	0.00075214
5mo_SIGAE9_GCCAACGGTCATCAGT-1-10x	0.12487259	0.39453393	0.0020803
5mo_SIGAE9_GCCAGCACACAACGTT-1-10x	0.18906341	0.623088	0.001338
5mo_SIGAE9_GCCAGCATCGGAAGGT-1-10x	0.08787395	0.26279873	0.0041422
5mo_SIGAE9_GCCAGTGCACGGTGCT-1-10x	0.04317143	0.10363355	8.29E-05
5mo_SIGAE9_GCCAGTGGTCCTGTCT-1-10x	0.10318808	0.31732532	0.0038193
5mo_SIGAE9_GCCATGGAGACTCTAC-1-10x	0.03477915	0.07375251	5.37E-05
5mo_SIGAE9_GCCATGGCAGCGCTTG-1-10x	0.07999735	0.23475379	0.0027593
5mo_SIGAE9_GCCATGGCATGCTGCG-1-10x	0.03097965	0.06022421	4.68E-05
5mo_SIGAE9_GCCATTCCAAGTCCCG-1-10x	0.07524955	0.21784906	0.001885
5mo_SIGAE9_GCCAGACAGTTCCAA-1-10x	0.14913656	0.4809268	0.0018705
5mo_SIGAE9_GCCAGAGTCACTTAG-1-10x	0.0207646	0.0238531	3.62E-05
5mo_SIGAE9_GCCCGAAAGGTCGACA-1-10x	0.02593717	0.04227027	4.09E-05
5mo_SIGAE9_GCCGATGGTGCATGAG-1-10x	0.12470904	0.3939516	0.0020803
5mo_SIGAE9_GCCGTGAGTCCAGCAC-1-10x	0.24744412	0.83095497	0.0008292
5mo_SIGAE9_GCCTGTTAGCGTCAGA-1-10x	0.2785927	0.9418608	0.00075266
5mo_SIGAE9_GCCTGTTCATCCTCAC-1-10x	0.01943696	0.01912599	3.55E-05
5mo_SIGAE9_GCGAGAAGTGCCGTTG-1-10x	0.2558871	0.8610165	0.00078825
5mo_SIGAE9_GCGGAAAGTTCCTTGC-1-10x	0.23425397	0.78399086	0.00091657
5mo_SIGAE9_GCGTGCAGTGGAATGC-1-10x	0.03716245	0.08223833	6.07E-05
5mo_SIGAE9_GCGTTTCGTCCGTACC-1-10x	0.07139257	0.20411612	0.0013138
5mo_SIGAE9_GCTACCTAGGTAGGCT-1-10x	0.05410959	0.14257935	0.00021164
5mo_SIGAE9_GCTGAATGTAGCACGA-1-10x	0.07230428	0.20736228	0.0014433
5mo_SIGAE9_GCTGAATGTTTGGAGG-1-10x	0.07372169	0.21240905	0.0017292
5mo_SIGAE9_GCTGCAGGTGTCTTGA-1-10x	0.25152358	0.84548	0.00080467
5mo_SIGAE9_GCTGGGTAGGCAGGGA-1-10x	0.12223039	0.38512626	0.0021873
5mo_SIGAE9_GCTGGGTTGTTGCCT-1-10x	0.1779875	0.5836518	0.0015081
5mo_SIGAE9_GCTTGGGAGACGCATG-1-10x	0.07965785	0.23354498	0.0027593
5mo_SIGAE9_GCTTGGGAGTTCTCTT-1-10x	0.11052448	0.3434469	0.0030221
5mo_SIGAE9_GCTTGGGCAGTCTTCC-1-10x	0.07590861	0.22019565	0.0020486
5mo_SIGAE9_GCTTGGGCATAATCCG-1-10x	0.04240562	0.10090686	7.82E-05
5mo_SIGAE9_GCTTGGGGTCCCTAAA-1-10x	0.0482732	0.12179863	0.00011598
5mo_SIGAE9_GCTTGGGTCCAACACTAG-1-10x	0.06502169	0.18143234	0.00064991

5mo_SIGAE9_GCTTGGGTCGTAGTCA-1-10x	0.27055672	0.9132483	0.00075418
5mo_SIGAE9_GCTTTGAGCCTTTGA-1-10x	0.269354	0.90896595	0.00075499
5mo_SIGAE9_GCTTTGCAAATCGGG-1-10x	0.07312327	0.21027833	0.0015819
5mo_SIGAE9_GGAACCCCAAGTTTGC-1-10x	0.08931356	0.26792452	0.0042295
5mo_SIGAE9_GGAACCCGTCAGTAGT-1-10x	0.03258098	0.06592581	5.00E-05
5mo_SIGAE9_GGAACCCCTCACCTTG-1-10x	0.03482401	0.07391221	5.37E-05
5mo_SIGAE9_GGAAGTGAGGCTCTCG-1-10x	0.01608161	0.00717913	3.33E-05
5mo_SIGAE9_GGAATCTAGTGCACAG-1-10x	0.26184002	0.8822121	0.00076727
5mo_SIGAE9_GGAATCTAGTTCCTGA-1-10x	0.11271555	0.3512483	0.0028393
5mo_SIGAE9_GGAATGGAGGCATCAG-1-10x	0.07834948	0.22888646	0.0023954
5mo_SIGAE9_GGAATGGGTACTCGCG-1-10x	0.21879703	0.7289558	0.0010326
5mo_SIGAE9_GGAGAACAGAATAGTC-1-10x	0.05006103	0.12816426	0.00013566
5mo_SIGAE9_GGAGAACAGTCTGTAC-1-10x	0.08281414	0.24478306	0.0033032
5mo_SIGAE9_GGAGATGAGAAAGCGA-1-10x	0.04969541	0.12686245	0.00013566
5mo_SIGAE9_GGAGATGGTCCGCGA-1-10x	0.29162577	0.9882655	0.00076269
5mo_SIGAE9_GGAGCAAAGGATACAT-1-10x	0.07376395	0.2125595	0.0017292
5mo_SIGAE9_GGAGCAAGTCTAGTGT-1-10x	0.04752702	0.11914182	0.00011598
5mo_SIGAE9_GGAGGATGTATGATCC-1-10x	0.2285362	0.76363254	0.00095947
5mo_SIGAE9_GGAGGTAAGCGGTATG-1-10x	0.20920748	0.69481176	0.0011095
5mo_SIGAE9_GGATCTACAGGCTACC-1-10x	0.01823717	0.01485409	3.44E-05
5mo_SIGAE9_GGATCTAGTCGATTAC-1-10x	0.2654061	0.8949093	0.00075974
5mo_SIGAE9_GGATGTTAGCATTTGC-1-10x	0.0356187	0.07674176	5.58E-05
5mo_SIGAE9_GGATGTTAGTAATCCC-1-10x	0.23202915	0.77606934	0.00093066
5mo_SIGAE9_GGATGTTGTACTTGTG-1-10x	0.02147905	0.02639693	3.69E-05
5mo_SIGAE9_GGATGTTGCCTGTTC-1-10x	0.19857845	0.6569667	0.0012187
5mo_SIGAE9_GGCACGTTGCTAATG-1-10x	0.05805712	0.15663467	0.00031414
5mo_SIGAE9_GGCGTCAGTCCTGTCT-1-10x	0.10891754	0.3377253	0.0032165
5mo_SIGAE9_GGCGTCAGTTCATCGA-1-10x	0.02117259	0.02530577	3.69E-05
5mo_SIGAE9_GGCTGTGGTCGTCAGC-1-10x	0.08477005	0.2517472	0.0036353
5mo_SIGAE9_GGCTTGAGTCATAGA-1-10x	0.02091768	0.02439814	3.62E-05
5mo_SIGAE9_GGCTTGGGTGGCAACA-1-10x	0.2690483	0.9078775	0.00075594
5mo_SIGAE9_GGCTTTCAGTACGAGC-1-10x	0.17306198	0.56611425	0.0016089
5mo_SIGAE9_GGCTTTCAGAACGCA-1-10x	0.28443688	0.9626692	0.00075605
5mo_SIGAE9_GGCTTTCGTGTCCACG-1-10x	0.05463592	0.14445338	0.00021164
5mo_SIGAE9_GGCTTTCCTGGGTG-1-10x	0.01686353	0.00996319	3.38E-05
5mo_SIGAE9_GGGAAGTGTGGTCCGT-1-10x	0.02308117	0.03210134	3.83E-05
5mo_SIGAE9_GGGACCTAGCCATTTG-1-10x	0.0198083	0.02044815	3.55E-05
5mo_SIGAE9_GGGACCTCCATAAG-1-10x	0.09185526	0.27697435	0.0043903
5mo_SIGAE9_GGGACTCCACAGCTGC-1-10x	0.12577045	0.3977308	0.0020515
5mo_SIGAE9_GGGAGATAGCGAGGAG-1-10x	0.08981381	0.26970568	0.0042999
5mo_SIGAE9_GGGAGATAGTAACGAT-1-10x	0.04873471	0.12344183	0.00012523

5mo_SIGAE9_GGGAGATAGTGCTCGC-1-10x	0.01788419	0.01359727	3.44E-05
5mo_SIGAE9_GGGAGATCACAATGTC-1-10x	0.1202661	0.37813234	0.0022788
5mo_SIGAE9_GGGAGTAAGGAACAT-1-10x	0.25851744	0.87038195	0.000778
5mo_SIGAE9_GGGATCCGTTACCTTT-1-10x	0.10644536	0.32892302	0.00352
5mo_SIGAE9_GGGATGACAACTAAG-1-10x	0.07726134	0.2250121	0.0022191
5mo_SIGAE9_GGGCCATTCGGATTAC-1-10x	0.21394186	0.7116687	0.0010701
5mo_SIGAE9_GGGCGTTCATGCTGCG-1-10x	0.16386148	0.5333555	0.001763
5mo_SIGAE9_GGGCTACTCGTCGGGT-1-10x	0.05446819	0.14385614	0.00021164
5mo_SIGAE9_GGGTAGATCGGTTCAA-1-10x	0.04754695	0.11921279	0.00011598
5mo_SIGAE9_GGGTATTCACAAGTGG-1-10x	0.10376427	0.31937686	0.0038193
5mo_SIGAE9_GGGTCACAGCATACTC-1-10x	0.03157739	0.06235251	4.83E-05
5mo_SIGAE9_GGGTCACCAAGCACAG-1-10x	0.25578728	0.86066115	0.00078825
5mo_SIGAE9_GGGTCACCATATAGCC-1-10x	0.0175297	0.01233511	3.44E-05
5mo_SIGAE9_GGGTCTGTCCATTTAC-1-10x	0.04547676	0.11184177	9.39E-05
5mo_SIGAE9_GGGTCTGTCCGAGTGA-1-10x	0.21938244	0.7310401	0.0010253
5mo_SIGAE9_GGGTGAAAGCGTCCG-1-10x	0.08710602	0.26006448	0.0040384
5mo_SIGAE9_GGGTGAAGTCAGCTTA-1-10x	0.04113177	0.09637127	7.40E-05
5mo_SIGAE9_GGGTGAATCTGAATGC-1-10x	0.10009901	0.30632654	0.0040879
5mo_SIGAE9_GGGTTATCAAGTGGTG-1-10x	0.07365535	0.21217284	0.0015819
5mo_SIGAE9_GGGTTATCACACAGAG-1-10x	0.0976694	0.29767585	0.0042943
5mo_SIGAE9_GGTAAGTAGAAGCTCG-1-10x	0.24174571	0.8106655	0.00086374
5mo_SIGAE9_GGTAAGTCAACGCATT-1-10x	0.01744648	0.01203881	3.44E-05
5mo_SIGAE9_GGTCACGGTAGCTCGC-1-10x	0.1051472	0.32430086	0.0036214
5mo_SIGAE9_GGTCACGGTGTCCCTT-1-10x	0.01756344	0.01245525	3.44E-05
5mo_SIGAE9_GGTCACGTCTGTAAAG-1-10x	0.04703618	0.11739417	0.00010777
5mo_SIGAE9_GGTCTGGAGCTCGACC-1-10x	0.02017685	0.02176041	3.62E-05
5mo_SIGAE9_GGTCTGGAGTAGCTCT-1-10x	0.14415582	0.46319267	0.0018716
5mo_SIGAE9_GGTGAAGTCTTACAG-1-10x	0.01568078	0.00575195	3.33E-05
5mo_SIGAE9_GGTGAAGTCTGGAAGG-1-10x	0.26924482	0.90857726	0.00075499
5mo_SIGAE9_GGTGTCCGTGTTTCAT-1-10x	0.05558812	0.1478437	0.000233
5mo_SIGAE9_GGTGTCTGCTGCCAT-1-10x	0.10815475	0.33500937	0.0033168
5mo_SIGAE9_GGTTAACGTTGTTGTG-1-10x	0.04748951	0.11900827	0.00011598
5mo_SIGAE9_GGTTCTCTACGGGC-1-10x	0.11963929	0.37590054	0.0023317
5mo_SIGAE9_GGTTGTAGTCTGTGTA-1-10x	0.23690067	0.79341453	0.00089602
5mo_SIGAE9_GTAACACCACAGGATG-1-10x	0.27424502	0.9263807	0.00075233
5mo_SIGAE9_GTAATCGGTCTGCATA-1-10x	0.01717469	0.01107109	3.38E-05
5mo_SIGAE9_GTAATGCAGTGCCGAA-1-10x	0.25442603	0.85581434	0.00079207
5mo_SIGAE9_GTAATGCGTGCATCTA-1-10x	0.16843252	0.5496308	0.0016902
5mo_SIGAE9_GTACAACAGAATCGTA-1-10x	0.03160689	0.06245755	4.83E-05
5mo_SIGAE9_GTACAACAGTCACGCC-1-10x	0.18298705	0.6014528	0.0014268
5mo_SIGAE9_GTACAGTTCTGGGTTCG-1-10x	0.06653219	0.18681051	0.00079936

5mo_SIGAE9_GTAGATCAGATCACCT-1-10x	0.09471065	0.28714108	0.0044051
5mo_SIGAE9_GTAGATCTCGCCGAAC-1-10x	0.2788802	0.94288445	0.00075266
5mo_SIGAE9_GTAGATCTCTGCTTAT-1-10x	0.07592375	0.22024956	0.0020486
5mo_SIGAE9_GTAGCTAAGCGATCGA-1-10x	0.01683975	0.00987851	3.38E-05
5mo_SIGAE9_GTAGCTAAGCTGTACTION-1-10x	0.07918387	0.23185734	0.002576
5mo_SIGAE9_GTAGCTACAAGGTCGA-1-10x	0.01529604	0.00438206	3.27E-05
5mo_SIGAE9_GTAGGAGGTGGCTTGC-1-10x	0.08063585	0.23702717	0.0029431
5mo_SIGAE9_GTAGGTTAGGGAGTTC-1-10x	0.167371	0.5458513	0.0017056
5mo_SIGAE9_GTAGGTTGTGAACGGT-1-10x	0.13915113	0.44537327	0.0018772
5mo_SIGAE9_GTAGTACAGCACTGGA-1-10x	0.04688167	0.11684401	0.00010777
5mo_SIGAE9_GTAGTACAGTGCCTC-1-10x	0.02539642	0.0403449	4.00E-05
5mo_SIGAE9_GTAGTACGTATCATGC-1-10x	0.0675834	0.1905534	0.00088537
5mo_SIGAE9_GTAGTACTCATGGGAG-1-10x	0.19059978	0.62855834	0.0013113
5mo_SIGAE9_GTAGTACTCCTCTCGA-1-10x	0.23486441	0.78616434	0.00090964
5mo_SIGAE9_GTATTGGCAGGACATG-1-10x	0.04040483	0.09378298	7.01E-05
5mo_SIGAE9_GTATTTTCAGATTCGAA-1-10x	0.07512246	0.21739654	0.001885
5mo_SIGAE9_GTCAAACAGTAAGCAT-1-10x	0.02640758	0.04394518	4.09E-05
5mo_SIGAE9_GTCAAACCATCGAACT-1-10x	0.06020933	0.1642977	0.00038577
5mo_SIGAE9_GTCAAGTCAGGAAGTC-1-10x	0.01811495	0.01441891	3.44E-05
5mo_SIGAE9_GTCACTCGTTGAAGTA-1-10x	0.07939655	0.2326146	0.0027593
5mo_SIGAE9_GTCAGCGAGCACTAGG-1-10x	0.08099471	0.23830491	0.0029431
5mo_SIGAE9_GTCAGCGAGCGCTTCG-1-10x	0.09392558	0.2843458	0.0044154
5mo_SIGAE9_GTCAGCGTCATCGACA-1-10x	0.11886139	0.3731308	0.0023317
5mo_SIGAE9_GTCAGCGTCCCTCATG-1-10x	0.01970348	0.02007495	3.55E-05
5mo_SIGAE9_GTCAGCGTCTCGGGAC-1-10x	0.25389376	0.85391915	0.00079608
5mo_SIGAE9_GTCATCCAGGTTCCGC-1-10x	0.28572756	0.9672647	0.00075686
5mo_SIGAE9_GTCATGAGTAAGGTCG-1-10x	0.21242057	0.7062521	0.0010856
5mo_SIGAE9_GTCATTTTCACACGCCA-1-10x	0.03778376	0.08445055	6.07E-05
5mo_SIGAE9_GTCATTTGTGCTGCA-1-10x	0.02703356	0.04617398	4.19E-05
5mo_SIGAE9_GTCCACTCATCGAAGG-1-10x	0.07550262	0.2187501	0.001885
5mo_SIGAE9_GTCCACTTCTCCACG-1-10x	0.0209161	0.02439254	3.62E-05
5mo_SIGAE9_GTCCTCACACTCCTTG-1-10x	0.04291746	0.10272928	8.29E-05
5mo_SIGAE9_GTCCTCAGTTTAGTCG-1-10x	0.13988191	0.44797525	0.001875
5mo_SIGAE9_GTCGAATTCTGAATGC-1-10x	0.23026687	0.76979464	0.00094498
5mo_SIGAE9_GTCGCGACTGCATA-1-10x	0.0595962	0.16211464	0.00034795
5mo_SIGAE9_GTCGCGACAGTTTCGA-1-10x	0.08287868	0.24501286	0.0033032
5mo_SIGAE9_GTCGTAATCAAAGGAT-1-10x	0.07229463	0.20732793	0.0014433
5mo_SIGAE9_GTCGTTCTGTTCTC-1-10x	0.14547062	0.46787408	0.0018716
5mo_SIGAE9_GTCGTTCTCTGGGAGA-1-10x	0.0843744	0.25033844	0.0036353
5mo_SIGAE9_GTCTACCGTACTCGAT-1-10x	0.08680411	0.25898954	0.0039187
5mo_SIGAE9_GTCTGTCTCTCCGAGG-1-10x	0.01686719	0.0099762	3.38E-05

5mo_SIGAE9_GTCTTTAAGCTGGCCT-1-10x	0.20478882	0.67907894	0.0011518
5mo_SIGAE9_GTCTTTAGTAGAATAC-1-10x	0.22319424	0.7446122	0.00099599
5mo_SIGAE9_GTGAGTTAGGGACAGG-1-10x	0.0285308	0.051505	4.30E-05
5mo_SIGAE9_GTGCACGGTGTATTTCG-1-10x	0.26364604	0.88864255	0.00076313
5mo_SIGAE9_GTGCACGTCTGGAAGG-1-10x	0.21573241	0.7180441	0.001055
5mo_SIGAE9_GTGCAGCTCCCATTTA-1-10x	0.05184621	0.13452049	0.00016076
5mo_SIGAE9_GTGCGTGAGTCATGAA-1-10x	0.22763991	0.76044124	0.00096676
5mo_SIGAE9_GTGCTGGGTCGTGGTC-1-10x	0.01592145	0.00660886	3.33E-05
5mo_SIGAE9_GTGCTGGGTGGTAATA-1-10x	0.0160464	0.00705374	3.33E-05
5mo_SIGAE9_GTGCTCCAGCACCCA-1-10x	0.07883719	0.23062296	0.002576
5mo_SIGAE9_GTGCTTCGTGGATGAC-1-10x	0.27526468	0.9300112	0.00075218
5mo_SIGAE9_GTGGAGAAGGGACAGG-1-10x	0.05569855	0.1482369	0.000233
5mo_SIGAE9_GTGGAGAGTATCTTCT-1-10x	0.04136925	0.09721683	7.40E-05
5mo_SIGAE9_GTGGGAAAGCACGATG-1-10x	0.20517099	0.6804397	0.0011518
5mo_SIGAE9_GTGTA ACTCTAACGCA-1-10x	0.02041239	0.02259904	3.62E-05
5mo_SIGAE9_GTGTA ACTCTCGGTAA-1-10x	0.09310361	0.28141916	0.0044107
5mo_SIGAE9_GTGTCTGTACAGAAT-1-10x	0.17052534	0.5570824	0.0016421
5mo_SIGAE9_GTGTGGCCACTATCCC-1-10x	0.01853663	0.01592031	3.49E-05
5mo_SIGAE9_GTGTTAGCAGAGTCAG-1-10x	0.1782914	0.5847338	0.0015081
5mo_SIGAE9_GTGTTAGCAGCTAACT-1-10x	0.08062165	0.23697662	0.0029431
5mo_SIGAE9_GTGTTAGGTCGGTGTC-1-10x	0.1083042	0.3355415	0.0033168
5mo_SIGAE9_GTGTTCCCAAATCAAG-1-10x	0.07703536	0.2242075	0.0022191
5mo_SIGAE9_GTGTTCCCACTGCGTG-1-10x	0.05558469	0.14783148	0.000233
5mo_SIGAE9_GTGTTCCCTCCGCACTT-1-10x	0.14165436	0.45428613	0.0018724
5mo_SIGAE9_GTTACAGTCGAGAGCA-1-10x	0.24249946	0.81334925	0.00085764
5mo_SIGAE9_GTTACAGTCTACGCAA-1-10x	0.02375792	0.03451094	3.83E-05
5mo_SIGAE9_GTTACCCAGAGCATAT-1-10x	0.03250878	0.06566875	5.00E-05
5mo_SIGAE9_GTTACCCGTATTTCT-1-10x	0.09541105	0.28963488	0.0043808
5mo_SIGAE9_GTTACCCGTCCGCTAC-1-10x	0.13394354	0.42683145	0.0019027
5mo_SIGAE9_GTTACGACATAATCGC-1-10x	0.04213556	0.09994528	7.82E-05
5mo_SIGAE9_GTTACGAGTCAGTTTG-1-10x	0.10110016	0.30989122	0.0040036
5mo_SIGAE9_GTTAGACAGACCACGA-1-10x	0.22418049	0.7481238	0.00098869
5mo_SIGAE9_GTTATGGAGAGACAAG-1-10x	0.23277031	0.7787082	0.00092358
5mo_SIGAE9_GTTATGGTCCGTGGCA-1-10x	0.01744339	0.0120278	3.44E-05
5mo_SIGAE9_GTTATGGTCGTTGTGA-1-10x	0.23168409	0.7748407	0.00093066
5mo_SIGAE9_GTTCATTGTCCGAAAG-1-10x	0.04178045	0.0986809	7.82E-05
5mo_SIGAE9_GTTCGCTTCAGTGATC-1-10x	0.26743132	0.9021202	0.00075705
5mo_SIGAE9_GTTGCGGAGACTACCT-1-10x	0.136052	0.4343387	0.0018891
5mo_SIGAE9_GTTGCGGGTGCGGCTT-1-10x	0.2733784	0.923295	0.0007526
5mo_SIGAE9_GTTGTAGCATCCGATA-1-10x	0.28723416	0.972629	0.00075864
5mo_SIGAE9_GTTGTAGTCATTGTGG-1-10x	0.02046408	0.0227831	3.62E-05

5mo_SIGAE9_GTTGTCCAGACGCATG-1-10x	0.04484799	0.10960303	9.39E-05
5mo_SIGAE9_GTTGTCCGTACGTA-1-10x	0.16735424	0.54579157	0.0017056
5mo_SIGAE9_GTTGTGACAAGGCTTT-1-10x	0.02874808	0.05227863	4.42E-05
5mo_SIGAE9_GTTTACTAGTCGTCTA-1-10x	0.06824338	0.19290328	0.00097948
5mo_SIGAE9_GTTTACTTCATTCTTG-1-10x	0.03179727	0.06313539	4.83E-05
5mo_SIGAE9_GTTTACTTCCTGGGTG-1-10x	0.08524033	0.2534216	0.0037839
5mo_SIGAE9_GTTTACTTCGACCATA-1-10x	0.0419394	0.09924687	7.82E-05
5mo_SIGAE9_GTTTACTTCTGGGATT-1-10x	0.10609008	0.32765803	0.00352
5mo_SIGAE9_GTTTGGATCATAACAGC-1-10x	0.27309012	0.9222686	0.0007526
5mo_SIGAE9_TAACACGAGAAGTATC-1-10x	0.01547685	0.00502584	3.33E-05
5mo_SIGAE9_TAACACGTCCTTCTAA-1-10x	0.2565855	0.8635032	0.00078463
5mo_SIGAE9_TAAGCACAGAGTCTTC-1-10x	0.01715935	0.01101645	3.38E-05
5mo_SIGAE9_TAAGCACAGACAAG-1-10x	0.25425652	0.8552108	0.00079207
5mo_SIGAE9_TAAGCCATCATGGATC-1-10x	0.03153931	0.06221691	4.83E-05
5mo_SIGAE9_TAAGCGTCACGCGCTA-1-10x	0.02964182	0.05546082	4.55E-05
5mo_SIGAE9_TAAGCGTCTTAGCTT-1-10x	0.04501646	0.11020288	9.39E-05
5mo_SIGAE9_TAAGTCGAGCATCTTG-1-10x	0.04654641	0.1156503	0.00010777
5mo_SIGAE9_TAAGTCGCACTCTAGA-1-10x	0.22302704	0.7440169	0.0010033
5mo_SIGAE9_TAATTCCAGTACGAGC-1-10x	0.06372074	0.17680024	0.00058553
5mo_SIGAE9_TACAACGGTAATACCC-1-10x	0.04571987	0.11270737	0.00010046
5mo_SIGAE9_TACACCCAGGTCATAA-1-10x	0.20924038	0.69492894	0.0011095
5mo_SIGAE9_TACAGGTAGCGACAGT-1-10x	0.04399149	0.10655342	8.81E-05
5mo_SIGAE9_TACATTCCATCGCTGG-1-10x	0.05278164	0.1378511	0.00017575
5mo_SIGAE9_TACATTCTCATGAAAG-1-10x	0.07141987	0.20421332	0.0013138
5mo_SIGAE9_TACCCGTAGCGGACAT-1-10x	0.02086298	0.02420338	3.62E-05
5mo_SIGAE9_TACCCGTAGTGTTCCA-1-10x	0.01698238	0.01038636	3.38E-05
5mo_SIGAE9_TACCGAACATAGACTC-1-10x	0.0504024	0.12937973	0.00014746
5mo_SIGAE9_TACCGAACATTGAAGA-1-10x	0.05726503	0.15381442	0.00028394
5mo_SIGAE9_TACCGGGAGGTAGATT-1-10x	0.04314378	0.10353512	8.29E-05
5mo_SIGAE9_TACCGGGCAACCGTAT-1-10x	0.03866207	0.08757778	6.36E-05
5mo_SIGAE9_TACCGGGCATTCTCTA-1-10x	0.28102815	0.95053226	0.00075348
5mo_SIGAE9_TACCGGGGTTGCATGT-1-10x	0.21952839	0.7315598	0.0010253
5mo_SIGAE9_TACCGGGTCTGTAGA-1-10x	0.02821342	0.05037495	4.30E-05
5mo_SIGAE9_TACCTCGAGCCGTAAG-1-10x	0.06730582	0.18956506	0.00088537
5mo_SIGAE9_TACCTGCAGTCGCGAA-1-10x	0.0892445	0.26767865	0.0042295
5mo_SIGAE9_TACCTGCTCAGCGGAA-1-10x	0.04944835	0.12598278	0.00013566
5mo_SIGAE9_TACGTCCAGACCATGG-1-10x	0.08937933	0.26815867	0.0042295
5mo_SIGAE9_TACGTCCAGAGCTTTC-1-10x	0.08879314	0.26607156	0.0042295
5mo_SIGAE9_TACGTCCATCTGTTT-1-10x	0.07736177	0.22536969	0.0022191
5mo_SIGAE9_TACTGCCGTTGCATCA-1-10x	0.02803717	0.04974739	4.30E-05
5mo_SIGAE9_TACTTCAGTGAATTAG-1-10x	0.18957284	0.62490183	0.0013244

5mo_SIGAE9_TAGACCAGTTCTTGCC-1-10x	0.22727776	0.75915176	0.00096676
5mo_SIGAE9_TAGACCATCATTTGTC-1-10x	0.09039336	0.27176923	0.0042999
5mo_SIGAE9_TAGACTGTCACTTCTA-1-10x	0.0500718	0.12820262	0.00013566
5mo_SIGAE9_TAGAGTCCAGAGTGAC-1-10x	0.2664188	0.8985151	0.00075831
5mo_SIGAE9_TAGAGTCCATCCCACT-1-10x	0.07236014	0.2075612	0.0014433
5mo_SIGAE9_TAGATCGAGATGAATC-1-10x	0.05028632	0.12896644	0.00014746
5mo_SIGAE9_TAGCACACAACAGCTT-1-10x	0.02846461	0.05126932	4.30E-05
5mo_SIGAE9_TAGCACATCCGACGGT-1-10x	0.08454256	0.25093716	0.0036353
5mo_SIGAE9_TAGGGTTAGTCTCGTA-1-10x	0.08621392	0.25688815	0.0039187
5mo_SIGAE9_TAGGGTTAGTGAGGTC-1-10x	0.04845967	0.12246255	0.00012523
5mo_SIGAE9_TAGGGTTGTTTCGATG-1-10x	0.01930344	0.0186506	3.55E-05
5mo_SIGAE9_TAGGGTTTCCTTCTTC-1-10x	0.08291958	0.24515848	0.0033032
5mo_SIGAE9_TAGGGTTTCGCATTAG-1-10x	0.02403524	0.03549836	3.91E-05
5mo_SIGAE9_TAGGTACAGGGCGAGA-1-10x	0.03410499	0.07135212	5.17E-05
5mo_SIGAE9_TAGGTACCATCATTGG-1-10x	0.05828808	0.15745701	0.00031414
5mo_SIGAE9_TATACCTCAGTGTATC-1-10x	0.1820696	0.59818625	0.0014427
5mo_SIGAE9_TATATCCGTGAGCCAA-1-10x	0.19478717	0.64346766	0.0012624
5mo_SIGAE9_TATATCCGTGAGGAAA-1-10x	0.21899611	0.7296646	0.0010326
5mo_SIGAE9_TATATCCGTTCTCTCG-1-10x	0.03249169	0.06560789	5.00E-05
5mo_SIGAE9_TATCCTAAGACCAAAT-1-10x	0.10371931	0.3192168	0.0038193
5mo_SIGAE9_TATCCTAAGAGCTGAC-1-10x	0.04433669	0.10778252	8.81E-05
5mo_SIGAE9_TATCCTAAGAGGTATT-1-10x	0.15395083	0.4980682	0.0018575
5mo_SIGAE9_TATCCTACACAGCTGC-1-10x	0.2491584	0.8370587	0.00081888
5mo_SIGAE9_TATCCTACACCTTCCA-1-10x	0.26795197	0.903974	0.00075705
5mo_SIGAE9_TATCGCCGTATTGAGA-1-10x	0.13693953	0.43749875	0.0018842
5mo_SIGAE9_TATCGCCGTTGTTGAC-1-10x	0.22061305	0.7354218	0.0010179
5mo_SIGAE9_TATCTGTAGCGAGGAG-1-10x	0.2591034	0.87246823	0.00077499
5mo_SIGAE9_TATCTGTAGGGACTGT-1-10x	0.09410833	0.2849965	0.0044154
5mo_SIGAE9_TATCTGTTCCCAGGAC-1-10x	0.04574943	0.11281265	0.00010046
5mo_SIGAE9_TATCTTGCAGGGAATC-1-10x	0.12597062	0.3984435	0.0020515
5mo_SIGAE9_TATGTTTCAGCTAAACA-1-10x	0.2177501	0.72522813	0.00104
5mo_SIGAE9_TATGTTTCGTGAGCTCC-1-10x	0.13223913	0.4207628	0.0019219
5mo_SIGAE9_TATGTTTCGTTCTAACG-1-10x	0.01565056	0.00564436	3.33E-05
5mo_SIGAE9_TATGTTCTCACGGTCG-1-10x	0.2631738	0.8869611	0.00076511
5mo_SIGAE9_TATGTTCTCGGTCATA-1-10x	0.20019084	0.6627077	0.0011985
5mo_SIGAE9_TATTCCAAGGAACGTC-1-10x	0.26732293	0.90173423	0.00075705
5mo_SIGAE9_TATTCCAAGTCACGAG-1-10x	0.07795589	0.22748506	0.0023954
5mo_SIGAE9_TATTCCAGTTGGTACT-1-10x	0.15210034	0.49147946	0.0018651
5mo_SIGAE9_TATTGCTTCTCCGAAA-1-10x	0.25321493	0.8515021	0.00079608
5mo_SIGAE9_TATTGGGAGGTGGTTG-1-10x	0.04445359	0.10819875	8.81E-05
5mo_SIGAE9_TATTCGAGAGTCAGC-1-10x	0.28198656	0.95394474	0.00075401

5mo_SIGAE9_TCAAGACGTCTGCATA-1-10x	0.06416998	0.17839979	0.00058553
5mo_SIGAE9_TCAAGTGGTAACACGG-1-10x	0.08517607	0.2531928	0.0037839
5mo_SIGAE9_TCAAGTGGTCCACGG-1-10x	0.2717976	0.9176665	0.00075352
5mo_SIGAE9_TCAAGTGTGAGAATA-1-10x	0.24774542	0.83202773	0.00082396
5mo_SIGAE9_TCAAGTGTCTCATGCC-1-10x	0.03021379	0.05749733	4.55E-05
5mo_SIGAE9_TCACAAGGTCTTTCAT-1-10x	0.26178375	0.8820118	0.00076727
5mo_SIGAE9_TCACAAGGTGGCTCTG-1-10x	0.08406812	0.24924792	0.0036353
5mo_SIGAE9_TCACATTAGGGACAGG-1-10x	0.05065162	0.1302671	0.00014746
5mo_SIGAE9_TCACATTCACACGGTC-1-10x	0.02425961	0.03629723	3.91E-05
5mo_SIGAE9_TCACGGGAGATGTTGA-1-10x	0.25692138	0.8646991	0.00078121
5mo_SIGAE9_TCACGGGGTGTGCTG-1-10x	0.10791653	0.33416116	0.0033168
5mo_SIGAE9_TCACTATTCTAGACCA-1-10x	0.01729762	0.01150878	3.38E-05
5mo_SIGAE9_TCAGCCTAGGTGCTTT-1-10x	0.27812704	0.9402028	0.00075239
5mo_SIGAE9_TCAGCCTGTTATCTTC-1-10x	0.03627108	0.07906459	5.82E-05
5mo_SIGAE9_TCAGGTAAGCGGCTCT-1-10x	0.04102077	0.09597604	7.40E-05
5mo_SIGAE9_TCAGGTACATGAATCC-1-10x	0.2678339	0.90355355	0.00075705
5mo_SIGAE9_TCAGGTACATTCAGGT-1-10x	0.2421738	0.81218976	0.00085764
5mo_SIGAE9_TCAGGTATCCTAGCGG-1-10x	0.2778953	0.93937767	0.00075239
5mo_SIGAE9_TCAGTCCGTCCAGCCA-1-10x	0.02776332	0.04877234	4.30E-05
5mo_SIGAE9_TCAGTCCGTTACCCAA-1-10x	0.217404	0.7239958	0.0010475
5mo_SIGAE9_TCAGTCCCTCGTGGGTC-1-10x	0.09508918	0.28848886	0.0044051
5mo_SIGAE9_TCAGTGACAAAGCTAA-1-10x	0.03970714	0.0912988	6.67E-05
5mo_SIGAE9_TCAGTTTAGAGTACCG-1-10x	0.01870927	0.01653501	3.49E-05
5mo_SIGAE9_TCATACTGTTGGACTT-1-10x	0.03797814	0.08514264	6.07E-05
5mo_SIGAE9_TCATGAGGTTGGATCT-1-10x	0.04659914	0.11583807	0.00010777
5mo_SIGAE9_TCATGCCTCCGTTGAA-1-10x	0.2911774	0.98666906	0.00076269
5mo_SIGAE9_TCATGGAAGGAGGCAG-1-10x	0.19542089	0.64572406	0.0012511
5mo_SIGAE9_TCATGGACATACAGCT-1-10x	0.2480641	0.8331624	0.00082396
5mo_SIGAE9_TCATGGAGTCCTCATC-1-10x	0.059994	0.16353102	0.00038577
5mo_SIGAE9_TCATGGAGTCGCGGTT-1-10x	0.04214317	0.0999724	7.82E-05
5mo_SIGAE9_TCATTACGTATGTCAC-1-10x	0.2759306	0.9323823	0.00075214
5mo_SIGAE9_TCATTAGTTAGGGTG-1-10x	0.04478604	0.10938246	9.39E-05
5mo_SIGAE9_TCATTGTCATGTCTAG-1-10x	0.26936087	0.90899044	0.00075499
5mo_SIGAE9_TCATTGTTGACGAGA-1-10x	0.03376561	0.07014376	5.17E-05
5mo_SIGAE9_TCATTTGCAGGCTCTG-1-10x	0.02857885	0.05167608	4.30E-05
5mo_SIGAE9_TCCACCAAGGAGTCTG-1-10x	0.26492667	0.8932023	0.00076135
5mo_SIGAE9_TCCACCAAGTCCCGAC-1-10x	0.10876885	0.3371959	0.0032165
5mo_SIGAE9_TCCACCACACATACGT-1-10x	0.05617382	0.14992914	0.000257
5mo_SIGAE9_TCCAGAATCATAGAGA-1-10x	0.08915769	0.26736954	0.0042295
5mo_SIGAE9_TCCATCGCAGAGAAAG-1-10x	0.16499966	0.537408	0.0017353
5mo_SIGAE9_TCCATGCGTCATTGCA-1-10x	0.13791357	0.44096687	0.0018802

5mo_SIGAE9_TCCCACAAGTTGGCTT-1-10x	0.06514925	0.1818865	0.00064991
5mo_SIGAE9_TCCCAGTAGATCACCT-1-10x	0.24103436	0.8081327	0.00086374
5mo_SIGAE9_TCCCAGTGTGACACGA-1-10x	0.25681663	0.8643261	0.00078463
5mo_SIGAE9_TCCCATGAGCGGTAAC-1-10x	0.05093578	0.13127887	0.00014746
5mo_SIGAE9_TCCCATGAGCTTAGTC-1-10x	0.04943122	0.1259218	0.00013566
5mo_SIGAE9_TCCCATGAGGACAAGA-1-10x	0.07758728	0.22617264	0.0023954
5mo_SIGAE9_TCCGAAACATGTCGTA-1-10x	0.04488001	0.10971703	9.39E-05
5mo_SIGAE9_TCCGAAATCTAGGAAA-1-10x	0.27124554	0.9157009	0.00075352
5mo_SIGAE9_TCCGATCAGAAGCGAA-1-10x	0.04083644	0.09531973	7.40E-05
5mo_SIGAE9_TCCGGGACAGACGATG-1-10x	0.12014873	0.37771443	0.0022788
5mo_SIGAE9_TCCTAATCCCAGCGA-1-10x	0.03714275	0.08216821	6.07E-05
5mo_SIGAE9_TCCTCGACATGTACGT-1-10x	0.1480658	0.47711435	0.0018713
5mo_SIGAE9_TCCTCTTTCGAGTCG-1-10x	0.13161515	0.4185411	0.001934
5mo_SIGAE9_TCCTCTTCTCTTCAA-1-10x	0.06204193	0.17082277	0.00047505
5mo_SIGAE9_TCCTGCAGTCGACGCT-1-10x	0.09435367	0.28587005	0.0044154
5mo_SIGAE9_TCCTGCAGTTGTCAGT-1-10x	0.09183502	0.27690226	0.0043903
5mo_SIGAE9_TCCTTCTAGCTACGTT-1-10x	0.04677718	0.11647198	0.00010777
5mo_SIGAE9_TCCTTCTCACCGGTCA-1-10x	0.05132205	0.13265418	0.00016076
5mo_SIGAE9_TCCTTCTGTTAAGAAC-1-10x	0.01868313	0.01644193	3.49E-05
5mo_SIGAE9_TCCTTCTTCGGCTGTG-1-10x	0.03624493	0.07897146	5.82E-05
5mo_SIGAE9_TCCTTTCAGGGCTTCC-1-10x	0.05140256	0.13294086	0.00016076
5mo_SIGAE9_TCCTTTCAGGTTATAG-1-10x	0.04558998	0.11224492	0.00010046
5mo_SIGAE9_TCCTTTCGTAACATAG-1-10x	0.10590471	0.326998	0.00352
5mo_SIGAE9_TCGAACACAGTGGTGA-1-10x	0.05086047	0.1310107	0.00014746
5mo_SIGAE9_TCGAACAGTACAGTAA-1-10x	0.04528763	0.11116839	9.39E-05
5mo_SIGAE9_TCGAACAGTCCTTTCG-1-10x	0.07670088	0.22301657	0.0022191
5mo_SIGAE9_TCGAACAGTGAGCCAA-1-10x	0.02164251	0.02697893	3.69E-05
5mo_SIGAE9_TCGAAGTTCTTCGTAT-1-10x	0.0157406	0.00596496	3.33E-05
5mo_SIGAE9_TCGACCTCAACAAAGT-1-10x	0.24495517	0.8220929	0.00084014
5mo_SIGAE9_TCGACCTCAGACACAG-1-10x	0.02047519	0.02282266	3.62E-05
5mo_SIGAE9_TCGACCTTCGTAGGAG-1-10x	0.1710142	0.55882305	0.0016421
5mo_SIGAE9_TCGATTTAGCGTCTCG-1-10x	0.05177251	0.13425806	0.00016076
5mo_SIGAE9_TCGCTCAAGAGCAACC-1-10x	0.15078759	0.48680538	0.0018676
5mo_SIGAE9_TCGCTCAAGATGGCAC-1-10x	0.07585458	0.22000328	0.0020486
5mo_SIGAE9_TCGCTCAAGGAGATAG-1-10x	0.15941331	0.51751757	0.0018109
5mo_SIGAE9_TCGGGACCACCATTC-1-10x	0.01511309	0.00373065	3.27E-05
5mo_SIGAE9_TCGGGACTCAAGAAAC-1-10x	0.28563878	0.9669486	0.00075686
5mo_SIGAE9_TCGGGTGAGGTGCGAT-1-10x	0.0182444	0.01487984	3.44E-05
5mo_SIGAE9_TCGGTCTAGGAGATAG-1-10x	0.04750245	0.11905433	0.00011598
5mo_SIGAE9_TCGGTCTCAACCCTAA-1-10x	0.03444145	0.0725501	5.37E-05
5mo_SIGAE9_TCGTAGACATAAGCAA-1-10x	0.02918764	0.05384367	4.42E-05

5mo_SIGAE9_TCGTAGATCAAGTTGC-1-10x	0.2320146	0.7760175	0.00093066
5mo_SIGAE9_TCGTAGATCAGCAGAG-1-10x	0.04125381	0.0968058	7.40E-05
5mo_SIGAE9_TCGTGCTAGTTTGAGA-1-10x	0.01968938	0.02002472	3.55E-05
5mo_SIGAE9_TCGTGCTGTGTGTGTT-1-10x	0.05055516	0.12992363	0.00014746
5mo_SIGAE9_TCGTGCTTCAGAGTTC-1-10x	0.2319362	0.77573836	0.00093066
5mo_SIGAE9_TCTAACTAGGTCACAG-1-10x	0.01817615	0.01463681	3.44E-05
5mo_SIGAE9_TCTAACTCAACTAC-1-10x	0.01651597	0.00872569	3.38E-05
5mo_SIGAE9_TCTAACTGTTCTCACC-1-10x	0.23808974	0.7976483	0.00088935
5mo_SIGAE9_TCTAACTTCTGGGAGA-1-10x	0.23330188	0.7806009	0.00092358
5mo_SIGAE9_TCTACCGCAGTTTGGT-1-10x	0.02192695	0.02799171	3.69E-05
5mo_SIGAE9_TCTACCGGTCATAGTC-1-10x	0.2702889	0.9122948	0.00075418
5mo_SIGAE9_TCTACCGTCATGGGAG-1-10x	0.02584608	0.04194592	4.09E-05
5mo_SIGAE9_TCTATCAAGAGAAGGT-1-10x	0.2892868	0.9799375	0.0007606
5mo_SIGAE9_TCTATCAGTCGGCCTA-1-10x	0.01539699	0.0047415	3.27E-05
5mo_SIGAE9_TCTATCATCTACGGTA-1-10x	0.01714994	0.01098297	3.38E-05
5mo_SIGAE9_TCTCACGCACACCGAC-1-10x	0.04537069	0.11146411	9.39E-05
5mo_SIGAE9_TCTCACGCACTAGAGG-1-10x	0.10669211	0.32980156	0.0034182
5mo_SIGAE9_TCTCACGGTGGTCTGC-1-10x	0.04563707	0.11241258	0.00010046
5mo_SIGAE9_TCTCAGCAGTATGGAT-1-10x	0.02183054	0.02764841	3.69E-05
5mo_SIGAE9_TCTCAGCAGTCGCCAC-1-10x	0.25944915	0.87369937	0.00077499
5mo_SIGAE9_TCTCTGGGTGGGCTTC-1-10x	0.01841553	0.01548915	3.49E-05
5mo_SIGAE9_TCTGCCAAGGGCAGGA-1-10x	0.16330393	0.5313703	0.001763
5mo_SIGAE9_TCTGTCTCAATCCAG-1-10x	0.22129056	0.7378341	0.0010106
5mo_SIGAE9_TCTTAGTGTAAGATAC-1-10x	0.09299474	0.2810315	0.0044107
5mo_SIGAE9_TCTTCCTAGTAGTCAA-1-10x	0.04493916	0.10992765	9.39E-05
5mo_SIGAE9_TCTTGCGAGGAATTAC-1-10x	0.15703943	0.5090653	0.0018385
5mo_SIGAE9_TCTTGCGAGTGGTGAC-1-10x	0.25678176	0.86420196	0.00078463
5mo_SIGAE9_TCTTGCGGTAGACACG-1-10x	0.12983657	0.4122084	0.0019639
5mo_SIGAE9_TCTTGCGGTTTGAACC-1-10x	0.26406553	0.8901362	0.00076313
5mo_SIGAE9_TCTTTGAAGCGCTTCG-1-10x	0.17124216	0.5596347	0.0016421
5mo_SIGAE9_TCTTTGACATGACACT-1-10x	0.27052885	0.9131491	0.00075418
5mo_SIGAE9_TGAACGTAGCGCTGCT-1-10x	0.22390966	0.74715954	0.00099599
5mo_SIGAE9_TGAACGTCACGTCGTG-1-10x	0.26507643	0.8937355	0.00076135
5mo_SIGAE9_TGAACGTCAGCAATTC-1-10x	0.23798066	0.7972599	0.00088935
5mo_SIGAE9_TGAACGTTCCGTACGG-1-10x	0.04027661	0.09332643	7.01E-05
5mo_SIGAE9_TGAATCGTCCTCACCA-1-10x	0.05364386	0.1409211	0.00019264
5mo_SIGAE9_TGAATGCTCAACCCGG-1-10x	0.01636103	0.008174	3.33E-05
5mo_SIGAE9_TGAATGCTCTGTGCC-1-10x	0.23233318	0.7771518	0.00093066
5mo_SIGAE9_TGACAGTAGTGGTTCT-1-10x	0.04004837	0.09251378	7.01E-05
5mo_SIGAE9_TGACAGTCAAAGACTA-1-10x	0.05184555	0.13451813	0.00016076
5mo_SIGAE9_TGACAGTCACTTACAG-1-10x	0.07169203	0.20518234	0.0013138

5mo_SIGAE9_TGACAGTCAGTTCCAA-1-10x	0.03919308	0.08946846	6.67E-05
5mo_SIGAE9_TGACCCTTCGCTGTTC-1-10x	0.26601282	0.8970696	0.00075974
5mo_SIGAE9_TGAGCGCGTATGATCC-1-10x	0.06891072	0.19527937	0.00097948
5mo_SIGAE9_TGAGCGCTCCGACATA-1-10x	0.04312838	0.10348029	8.29E-05
5mo_SIGAE9_TGAGGAGGTTCTTGCC-1-10x	0.06546826	0.18302235	0.00072102
5mo_SIGAE9_TGAGTCACAAGAGGCT-1-10x	0.18465945	0.6074075	0.0013959
5mo_SIGAE9_TGAGTCAGTGAGCAGT-1-10x	0.04211684	0.09987865	7.82E-05
5mo_SIGAE9_TGATGCAGTGACCTGC-1-10x	0.11215387	0.3492484	0.002929
5mo_SIGAE9_TGATGGTCACGGCTAC-1-10x	0.02955085	0.05513692	4.42E-05
5mo_SIGAE9_TGATGGTTCGAGAAAT-1-10x	0.0386517	0.08754087	6.36E-05
5mo_SIGAE9_TGATTCTAGCTCAGAG-1-10x	0.1641683	0.5344479	0.0017494
5mo_SIGAE9_TGATTCTAGTGGCAGT-1-10x	0.23361857	0.7817285	0.00091657
5mo_SIGAE9_TGATTTTCGTGCATTAC-1-10x	0.04484176	0.10958085	9.39E-05
5mo_SIGAE9_TGCAGATCACCTGCGA-1-10x	0.04580921	0.11302547	0.00010046
5mo_SIGAE9_TGCAGATTCAAAGACA-1-10x	0.05476752	0.14492191	0.00021164
5mo_SIGAE9_TGCAGATTCGAAACAA-1-10x	0.09133184	0.2751107	0.0043535
5mo_SIGAE9_TGCAGGCGTGCGTGCT-1-10x	0.043721	0.10559032	8.81E-05
5mo_SIGAE9_TGCATCCAGAATTTGG-1-10x	0.16366932	0.5326713	0.001763
5mo_SIGAE9_TGCATCCCAATACAGA-1-10x	0.03975873	0.0914825	6.67E-05
5mo_SIGAE9_TGCATCCGTGCAATGG-1-10x	0.27059588	0.9133877	0.00075418
5mo_SIGAE9_TGCATCCTCCGAGGCT-1-10x	0.02000032	0.02113186	3.55E-05
5mo_SIGAE9_TGCATGAGTACGGTTT-1-10x	0.28209049	0.95431477	0.00075401
5mo_SIGAE9_TGCCGAGGTGGACTAG-1-10x	0.14291213	0.4587645	0.0018718
5mo_SIGAE9_TGCGATAGTAGCGCTC-1-10x	0.10992201	0.34130177	0.0031181
5mo_SIGAE9_TGCGATATCGCCCAGA-1-10x	0.06035919	0.16483131	0.00038577
5mo_SIGAE9_TGCGATATCTAAACGC-1-10x	0.24564202	0.82453847	0.00083459
5mo_SIGAE9_TGCGGCATCATCCTGC-1-10x	0.0169846	0.01039426	3.38E-05
5mo_SIGAE9_TGCGGCATCTACGCGG-1-10x	0.25536698	0.8591646	0.00078825
5mo_SIGAE9_TGCGGGTAGAGGCTGT-1-10x	0.24303164	0.8152441	0.00085167
5mo_SIGAE9_TGCGGGTAGTAAACGT-1-10x	0.03737022	0.08297809	6.07E-05
5mo_SIGAE9_TGCGGGTTCACCCCTA-1-10x	0.03583236	0.07750251	5.58E-05
5mo_SIGAE9_TGCTCGTAGCATCAGG-1-10x	0.04442499	0.10809689	8.81E-05
5mo_SIGAE9_TGCTGAAAGGCCTAGA-1-10x	0.02863482	0.05187534	4.42E-05
5mo_SIGAE9_TGCTTCGCAGAAATCA-1-10x	0.02116813	0.02528988	3.69E-05
5mo_SIGAE9_TGCTTGCAGCCACCGT-1-10x	0.06790833	0.19171034	0.00088537
5mo_SIGAE9_TGCTTGCAGTGATGGC-1-10x	0.03832916	0.08639245	6.36E-05
5mo_SIGAE9_TGCTTGCGTACAGAAT-1-10x	0.23932822	0.8020579	0.00087632
5mo_SIGAE9_TGGAAGTAGGTTACAA-1-10x	0.02230331	0.02933176	3.76E-05
5mo_SIGAE9_TGGAGAGCACACGTGC-1-10x	0.04470018	0.10907673	9.39E-05
5mo_SIGAE9_TGGAGAGTCCTTCTGG-1-10x	0.03104114	0.06044315	4.68E-05
5mo_SIGAE9_TGGAGGACAATCGAAA-1-10x	0.28192434	0.9537232	0.00075401

5mo_SIGAE9_TGGATGTAGAGTATAC-1-10x	0.18965213	0.6251842	0.0013244
5mo_SIGAE9_TGGCGTGCATAAGATG-1-10x	0.05404702	0.14235654	0.00021164
5mo_SIGAE9_TGGGAGATCATTTGCT-1-10x	0.04880982	0.12370926	0.00012523
5mo_SIGAE9_TGGGAGATCCCAAGCG-1-10x	0.25662705	0.86365116	0.00078463
5mo_SIGAE9_TGGGATTAGGACGCTA-1-10x	0.15518281	0.5024547	0.0018522
5mo_SIGAE9_TGGGATTCAAGAGATT-1-10x	0.0884878	0.2649844	0.0041422
5mo_SIGAE9_TGGGCGTTCGAAATCC-1-10x	0.02347256	0.03349492	3.83E-05
5mo_SIGAE9_TGGGCGTTCGACGACC-1-10x	0.02244348	0.02983083	3.76E-05
5mo_SIGAE9_TGGGCTGCAGTGGTGA-1-10x	0.11587498	0.36249757	0.002594
5mo_SIGAE9_TGGGTTATCGCACTCT-1-10x	0.10252982	0.31498158	0.0039137
5mo_SIGAE9_TGGGTTATCTCAATCT-1-10x	0.02506382	0.03916065	4.00E-05
5mo_SIGAE9_TGGTACAAGATCGACG-1-10x	0.04844829	0.12242204	0.00012523
5mo_SIGAE9_TGGTGATCACTTCCTG-1-10x	0.09236331	0.2787833	0.0043903
5mo_SIGAE9_TGGTTAGAGAGATGCC-1-10x	0.0269178	0.04576184	4.19E-05
5mo_SIGAE9_TGTAACGAGAACTCCT-1-10x	0.02195204	0.02808103	3.69E-05
5mo_SIGAE9_TGTAAGCGTCCACGCA-1-10x	0.03346521	0.06907415	5.17E-05
5mo_SIGAE9_TGTAAGCGTCTACGAT-1-10x	0.12271259	0.38684317	0.0021479
5mo_SIGAE9_TGTACAGAGAATCGAT-1-10x	0.09578166	0.29095447	0.0043808
5mo_SIGAE9_TGTAGACAGTATGCAA-1-10x	0.04294911	0.10284198	8.29E-05
5mo_SIGAE9_TGTCAGACAGACAAGC-1-10x	0.22183368	0.7397679	0.0010106
5mo_SIGAE9_TGTCCACGTTGTGTAC-1-10x	0.2795615	0.9453102	0.00075303
5mo_SIGAE9_TGTCCACAATCGTCA-1-10x	0.27287024	0.9214857	0.0007526
5mo_SIGAE9_TGTGAGTGTGCGCATCG-1-10x	0.01897613	0.01748519	3.49E-05
5mo_SIGAE9_TGTGATGCAATACCCA-1-10x	0.06865168	0.19435704	0.00097948
5mo_SIGAE9_TGTGATGGTATAGGAT-1-10x	0.02772692	0.04864275	4.30E-05
5mo_SIGAE9_TGTGTGACAACGCATT-1-10x	0.25900528	0.87211895	0.00077499
5mo_SIGAE9_TGTTACTCAGGTGTGA-1-10x	0.10269123	0.3155563	0.0039137
5mo_SIGAE9_TGTTACTTCTATTGTC-1-10x	0.0373008	0.08273093	6.07E-05
5mo_SIGAE9_TGTTTCATGTACCCGCA-1-10x	0.0923832	0.2788541	0.0043903
5mo_SIGAE9_TGTTCCGAGCGGGTTA-1-10x	0.08195994	0.24174166	0.0031253
5mo_SIGAE9_TGTTCCGTCGCGATG-1-10x	0.02655929	0.04448535	4.09E-05
5mo_SIGAE9_TGTTCTATCCATCTAT-1-10x	0.14671516	0.47230533	0.0018717
5mo_SIGAE9_TGTTCTATCTGGAGAG-1-10x	0.02358052	0.03387931	3.83E-05
5mo_SIGAE9_TGTTCTATCTTACGGA-1-10x	0.20124276	0.66645306	0.0011888
5mo_SIGAE9_TGTTGAGAGTGCACAG-1-10x	0.04954922	0.12634192	0.00013566
5mo_SIGAE9_TGTTGAGGTAAGTTGA-1-10x	0.08827401	0.26422316	0.0041422
5mo_SIGAE9_TGTTGGAGTCCGCACT-1-10x	0.0919177	0.27719668	0.0043903
5mo_SIGAE9_TGTTGGATCAACGTGT-1-10x	0.03494604	0.07434673	5.37E-05
5mo_SIGAE9_TGTTTGTCATTGAAGA-1-10x	0.05078584	0.130745	0.00014746
5mo_SIGAE9_TTACAGGAGCATCAGG-1-10x	0.07835007	0.22888856	0.0023954
5mo_SIGAE9_TTACAGGAGGGTAGCT-1-10x	0.02524716	0.03981343	4.00E-05

5mo_SIGAE9_TTACAGGTCATTCCTA-1-10x	0.2702061	0.9119999	0.00075418
5mo_SIGAE9_TTACAGGTCTCGCAGG-1-10x	0.08503833	0.25270241	0.0037839
5mo_SIGAE9_TTACCATAGACGCCAA-1-10x	0.23012963	0.769306	0.00094498
5mo_SIGAE9_TTACGTTTCCAAGAGG-1-10x	0.20166424	0.6679538	0.0011792
5mo_SIGAE9_TTAGGGTCATGAAAGT-1-10x	0.06895409	0.1954338	0.00097948
5mo_SIGAE9_TTATTGCAGGCTCACC-1-10x	0.03725439	0.0825657	6.07E-05
5mo_SIGAE9_TTCAATCGTTAGGACG-1-10x	0.04459561	0.10870441	9.39E-05
5mo_SIGAE9_TTCACCGCAAAGCACG-1-10x	0.23563732	0.78891635	0.00090278
5mo_SIGAE9_TTCACGCTCTAAACGC-1-10x	0.05484154	0.1451855	0.00021164
5mo_SIGAE9_TTCAGGATCTGCCTCA-1-10x	0.16101713	0.52322805	0.0018
5mo_SIGAE9_TTCATGTAGGCAGCTA-1-10x	0.26507437	0.8937282	0.00076135
5mo_SIGAE9_TTCATGTTCTAGCCAA-1-10x	0.06811852	0.19245872	0.00097948
5mo_SIGAE9_TTCCAATAGTTCCTGA-1-10x	0.06181063	0.16999921	0.00047505
5mo_SIGAE9_TTCCACGCATGGGTTT-1-10x	0.2106436	0.6999252	0.0011014
5mo_SIGAE9_TTCCACGGTCAAACGG-1-10x	0.212775	0.7075141	0.0010778
5mo_SIGAE9_TTCCACGTCCCAAGCG-1-10x	0.2604059	0.8771059	0.00077221
5mo_SIGAE9_TTCCGGTAGACTCAAA-1-10x	0.28741556	0.97327495	0.00075864
5mo_SIGAE9_TTCCGGTCAGACTCTA-1-10x	0.2698298	0.91066015	0.00075499
5mo_SIGAE9_TTCCGGTCATAATCCG-1-10x	0.28522164	0.96546334	0.00075686
5mo_SIGAE9_TTCCGGTTCATCCAG-1-10x	0.09274311	0.28013557	0.0044107
5mo_SIGAE9_TTCCGTGAGCTGAGTG-1-10x	0.04760701	0.11942663	0.00011598
5mo_SIGAE9_TTCCGTGGTACACGCC-1-10x	0.20043832	0.6635888	0.0011985
5mo_SIGAE9_TTCCGTGCCGGTAAT-1-10x	0.22515048	0.7515775	0.00098137
5mo_SIGAE9_TTCGATTGTTGCGGAA-1-10x	0.2527728	0.84992796	0.00080028
5mo_SIGAE9_TTCGCTGCAAATCGTC-1-10x	0.07772531	0.2266641	0.0023954
5mo_SIGAE9_TTCGGTCGTCATGACT-1-10x	0.03853298	0.08711818	6.36E-05
5mo_SIGAE9_TTCTAACAGGATAATC-1-10x	0.13255511	0.42188787	0.0019219
5mo_SIGAE9_TTCTAACAGCCACA-1-10x	0.26692086	0.9003027	0.00075831
5mo_SIGAE9_TTCTAGTAGTCTGGAG-1-10x	0.07560519	0.21911532	0.0020486
5mo_SIGAE9_TTCTAGTTCAAAGCCT-1-10x	0.03195378	0.06369266	4.83E-05
5mo_SIGAE9_TTCTGTAGTAGCTGTT-1-10x	0.03263518	0.06611881	5.00E-05
5mo_SIGAE9_TTCTTCCGTGACACAG-1-10x	0.08160915	0.24049266	0.0031253
5mo_SIGAE9_TTCTTCTCTCCGAAA-1-10x	0.278698	0.94223565	0.00075266
5mo_SIGAE9_TTCTTGATCGCCTTGT-1-10x	0.21917811	0.73031265	0.0010326
5mo_SIGAE9_TTGAGTGAGACTTAAG-1-10x	0.03968819	0.09123135	6.67E-05
5mo_SIGAE9_TTGATGGCACTACCGG-1-10x	0.08778223	0.26247218	0.0040384
5mo_SIGAE9_TTGATGGCATCAACCA-1-10x	0.06901073	0.19563545	0.00097948
5mo_SIGAE9_TTGATGGGTGGTTTGT-1-10x	0.27560282	0.93121517	0.00075218
5mo_SIGAE9_TTGCTGTCCGCACGA-1-10x	0.23840736	0.7987792	0.00088278
5mo_SIGAE9_TTGCGTCAGCGTGAGT-1-10x	0.02056337	0.02313661	3.62E-05
5mo_SIGAE9_TTGATGAGCAGCACA-1-10x	0.18703675	0.61587197	0.0013662

5mo_SIGAE9_TTGGATGCATGTGACT-1-10x	0.08966813	0.269187	0.0042295
5mo_SIGAE9_TTGGATGTCCATAGA-1-10x	0.04885003	0.12385245	0.00012523
5mo_SIGAE9_TTGGATGTCTGCTCTG-1-10x	0.04515018	0.11067896	9.39E-05
5mo_SIGAE9_TTGGGATGTGCCCTTT-1-10x	0.13042195	0.41429266	0.001948
5mo_SIGAE9_TTGGGCGTCTAGTACG-1-10x	0.1126617	0.35105658	0.0028393
5mo_SIGAE9_TTGGGCGTCTCAAAGC-1-10x	0.17950295	0.58904755	0.0014915
5mo_SIGAE9_TTGGTTTAGCACGTCC-1-10x	0.18917717	0.623493	0.001338
5mo_SIGAE9_TTGGTTTCACTCTCGT-1-10x	0.02227876	0.02924434	3.76E-05
5mo_SIGAE9_TTGGTTTTCGTAGTCA-1-10x	0.02021583	0.02189919	3.62E-05
5mo_SIGAE9_TTGTGGATCTGTTGGA-1-10x	0.0835584	0.24743302	0.0034742
5mo_SIGAE9_TTGTGTTAGGACATCG-1-10x	0.15721957	0.5097067	0.0018385
5mo_SIGAE9_TTGTGTTACGAAGAC-1-10x	0.02498576	0.03888274	4.00E-05
5mo_SIGAE9_TTGTTCACATCTAGAC-1-10x	0.08227833	0.24287528	0.0033032
5mo_SIGAE9_TTGTGTGTCAGTCGGAA-1-10x	0.04085362	0.09538089	7.40E-05
5mo_SIGAE9_TTGTGTTGAGGTAGACC-1-10x	0.08869673	0.2657283	0.0041422
5mo_SIGAE9_TTGTGTTGCATGAAAGT-1-10x	0.2466909	0.82827306	0.0008292
5mo_SIGAE9_TTGTGTTGCTACTCCGT-1-10x	0.03245745	0.06548597	5.00E-05
5mo_SIGAE9_TTTACCACAGATACTC-1-10x	0.18433762	0.6062616	0.0014112
5mo_SIGAE9_TTTACCATCTACTATC-1-10x	0.04519905	0.11085298	9.39E-05
5mo_SIGAE9_TTTACGTAGCTTAGTC-1-10x	0.07388504	0.21299064	0.0017292
5mo_SIGAE9_TTTAGTCTCACTCGAA-1-10x	0.03089385	0.05991871	4.68E-05
5mo_SIGAE9_TTTATGCCAAAGGAGA-1-10x	0.08402586	0.24909745	0.0034742
5mo_SIGAE9_TTTATGCGTTGTCCCT-1-10x	0.10251693	0.31493565	0.0039137
5mo_SIGAE9_TTTATGCTCAGGTGTT-1-10x	0.15800275	0.5124952	0.0018302
5mo_SIGAE9_TTTCACATCAGGGATG-1-10x	0.03438461	0.07234773	5.37E-05
5mo_SIGAE9_TTTCAGTTCCAACCGG-1-10x	0.05800983	0.15646629	0.00031414
5mo_SIGAE9_TTTCCTCAGTTCTACG-1-10x	0.0458808	0.11328036	0.00010046
5mo_SIGAE9_TTTCCTCTCGGATTAC-1-10x	0.17825438	0.584602	0.0015081
5mo_SIGAE9_TTTCGATCACCCCTGAG-1-10x	0.23440206	0.7845181	0.00090964
5mo_SIGAE9_TTTGACTAGGTTGACG-1-10x	0.04305371	0.10321441	8.29E-05
5mo_SIGAE9_TTTGATCTCGACACCG-1-10x	0.16588612	0.5405643	0.0017206
5mo_SIGAE9_TTTGGAGCAAGGATGC-1-10x	0.13786744	0.44080263	0.0018802
5mo_SIGAE9_TTTGGTTAGCTTGTTG-1-10x	0.03966215	0.0911386	6.67E-05
5mo_SIGAE9_TTTGGTTCACGCGTCA-1-10x	0.02478409	0.03816466	3.91E-05
5mo_SIGAE9_TTTGGTTCATAGCTGT-1-10x	0.26288575	0.8859355	0.00076511
5mo_SIGAE9_AACACACTCGGACGTC-1-10x	0.01639605	0.00829869	3.33E-05
5mo_SIGAE9_AAGATAGAGAAGTGTT-1-10x	0.03495675	0.07438485	5.37E-05
5mo_SIGAE9_AAGCGTTTCAAGTTGC-1-10x	0.158309	0.5135856	0.0018209
5mo_SIGAE9_AATGGAATCATTGCTT-1-10x	0.15626569	0.50631034	0.0018459
5mo_SIGAE9_ACAAGCTTCGACGCTG-1-10x	0.02828445	0.05062785	4.30E-05
5mo_SIGAE9_ACCCTCATCACTGCTC-1-10x	0.01612185	0.00732239	3.33E-05

5mo_SIGAE9_AGGAATATCCACGTCT-1-10x	0.02395118	0.03519907	3.91E-05
5mo_SIGAE9_AGGGAGTTCATTCCCTA-1-10x	0.2551037	0.8582272	0.00078825
5mo_SIGAE9_AGGTCTAAGCTACGTT-1-10x	0.07842203	0.22914477	0.002576
5mo_SIGAE9_ATCGATGCATTGTAGC-1-10x	0.08660706	0.25828794	0.0039187
5mo_SIGAE9_ATGACCAGTCGAGCAA-1-10x	0.03312929	0.06787809	5.00E-05
5mo_SIGAE9_ATTACTCAGACGCCAA-1-10x	0.13469501	0.42950708	0.0019027
5mo_SIGAE9_ATTTCTGGTTCTTGTT-1-10x	0.02936276	0.05446721	4.42E-05
5mo_SIGAE9_CACTGAAAGGTAGATT-1-10x	0.0405229	0.09420335	7.01E-05
5mo_SIGAE9_CAGGGCTAGCACTCGC-1-10x	0.10275399	0.31577975	0.0039137
5mo_SIGAE9_CATTCCGAGGTCATAA-1-10x	0.21446796	0.7135419	0.0010701
5mo_SIGAE9_CCACACTCATGCACTA-1-10x	0.12908296	0.40952516	0.0019821
5mo_SIGAE9_CCACGAGGTCTGAAGCA-1-10x	0.22875233	0.76440203	0.0009522
5mo_SIGAE9_CCGATGGTCTGAAGAAT-1-10x	0.08558144	0.25463617	0.0037839
5mo_SIGAE9_CCTTGTGTCCACGGTCG-1-10x	0.05538305	0.14711356	0.000233
5mo_SIGAE9_CGACAGCAGTAGTCTC-1-10x	0.09481344	0.2875071	0.0044051
5mo_SIGAE9_CGCGTGAGTACTCGCG-1-10x	0.01619707	0.00759022	3.33E-05
5mo_SIGAE9_CGTAGTATCCACTGAA-1-10x	0.08427514	0.24998502	0.0036353
5mo_SIGAE9_CTACTATTCCACTTCG-1-10x	0.02169127	0.02715255	3.69E-05
5mo_SIGAE9_CTCCCAAAGACCAGCA-1-10x	0.03527022	0.07550098	5.58E-05
5mo_SIGAE9_CTCGAGGCAACTGCCG-1-10x	0.02420905	0.0361172	3.91E-05
5mo_SIGAE9_CTGAGGCGTATGCAA-1-10x	0.23161003	0.774577	0.00093066
5mo_SIGAE9_CTTCTAAAGAGGGTAA-1-10x	0.16078426	0.5223989	0.0018
5mo_SIGAE9_GAACGTTTCTACTCAT-1-10x	0.20474865	0.67893595	0.0011518
5mo_SIGAE9_GAGGCAAGTTAGAAGT-1-10x	0.08653375	0.2580269	0.0039187
5mo_SIGAE9_GATAGAACAACGCATT-1-10x	0.01727268	0.01141999	3.38E-05
5mo_SIGAE9_GATCACAAGAAGAGCA-1-10x	0.09894442	0.3022156	0.0042345
5mo_SIGAE9_GATCGTAAGGTCCAGA-1-10x	0.01993594	0.02090263	3.55E-05
5mo_SIGAE9_GATTGGTAGAGGCCAT-1-10x	0.26951736	0.9095476	0.00075499
5mo_SIGAE9_GCCAACGAGCAGATAT-1-10x	0.26058903	0.87775797	0.00077221
5mo_SIGAE9_GCCGATGGTCCCTCCTA-1-10x	0.27683488	0.93560195	0.00075222
5mo_SIGAE9_GCCGTGATCGATTCCC-1-10x	0.10577897	0.3265503	0.00352
5mo_SIGAE9_GCTGCAGTCATGAAAG-1-10x	0.04705112	0.11744737	0.00010777
5mo_SIGAE9_GGAATGGTCTGAACGGA-1-10x	0.06643581	0.18646738	0.00079936
5mo_SIGAE9_GGGAAGTAGTGTAGTA-1-10x	0.27935246	0.9445659	0.00075266
5mo_SIGAE9_GGTGAAGTCGACGATT-1-10x	0.05070902	0.13047147	0.00014746
5mo_SIGAE9_GTAATCGTCCTGGCTT-1-10x	0.02953612	0.05508448	4.42E-05
5mo_SIGAE9_GTATTTCCAACAGATA-1-10x	0.24923225	0.83732164	0.00081888
5mo_SIGAE9_GTCGTTCTTTGGAAA-1-10x	0.01791393	0.01370316	3.44E-05
5mo_SIGAE9_GTGTCCTGTTTACGAC-1-10x	0.09573858	0.29080105	0.0043808
5mo_SIGAE9_TACCGGGTCGGCTATA-1-10x	0.08103143	0.23843564	0.0029431
5mo_SIGAE9_TAGACCACAGCATGCC-1-10x	0.28291512	0.9572509	0.00075462

5mo_SIGAE9_TAGCACAGTCTTAGTG-1-10x	0.08984431	0.26981428	0.0042999
5mo_SIGAE9_TCACGGGTCTGGGCAC-1-10x	0.21928164	0.73068124	0.0010326
5mo_SIGAE9_TCATGTTAGATGCAGC-1-10x	0.01553952	0.00524899	3.33E-05
5mo_SIGAE9_TCATTTGCATTGCTGA-1-10x	0.06332596	0.17539462	0.00052741
5mo_SIGAE9_TCGATTTCAAAACGG-1-10x	0.28184384	0.95343655	0.00075401
5mo_SIGAE9_TCGGATAGTGGTTTAC-1-10x	0.05782355	0.15580305	0.00031414
5mo_SIGAE9_TCGGGCATCTCTCCGA-1-10x	0.03392495	0.07071108	5.17E-05
5mo_SIGAE9_TGCGGCAGTGGCCACT-1-10x	0.09504239	0.28832224	0.0044051
5mo_SIGAE9_TGTGTGACATCCTATT-1-10x	0.25811374	0.8689446	0.000778
5mo_SIGAE9_TTACTGTTGCACTCT-1-10x	0.03142515	0.06181045	4.68E-05
5mo_SIGAE9_TTCATGTGTTGCAACT-1-10x	0.08273578	0.24450408	0.0033032
5mo_SIGAD9_AAACGCTGTGGATCAG-1-10x	0.18407524	0.60532737	0.0014112
5mo_SIGAD9_AAAGGATTCGTCTACC-1-10x	0.05081395	0.13084508	0.00014746
5mo_SIGAD9_AAAGGTATCGTTACCC-1-10x	0.28104237	0.9505829	0.00075348
5mo_SIGAD9_AAAGTGACAATAGGAT-1-10x	0.22069062	0.735698	0.0010179
5mo_SIGAD9_AAAGTGATCTAGGCAT-1-10x	0.09245107	0.27909574	0.0043903
5mo_SIGAD9_AACAAAGGTTGTAAAG-1-10x	0.18885566	0.6223483	0.001338
5mo_SIGAD9_AACAACCTCAGTCACA-1-10x	0.13380706	0.4263455	0.0019115
5mo_SIGAD9_AACCATGCAAATGCGG-1-10x	0.04530487	0.11122977	9.39E-05
5mo_SIGAD9_AACCTTTAGAGTTGCG-1-10x	0.02024473	0.0220021	3.62E-05
5mo_SIGAD9_AACCTTTAGTTACGTC-1-10x	0.07698195	0.22401732	0.0022191
5mo_SIGAD9_AACCTTTCAACACGTT-1-10x	0.09048697	0.27210248	0.0042999
5mo_SIGAD9_AACCTTTGTGGAAATT-1-10x	0.25139746	0.84503096	0.00080467
5mo_SIGAD9_AACGTCAAGGAGAGGC-1-10x	0.2775079	0.9379983	0.00075222
5mo_SIGAD9_AACTTCTTCTGGGCCA-1-10x	0.02611673	0.04290958	4.09E-05
5mo_SIGAD9_AAGAACACATGACTTG-1-10x	0.03071491	0.0592816	4.68E-05
5mo_SIGAD9_AAGAACATCATAGGCT-1-10x	0.2096295	0.69631445	0.0011095
5mo_SIGAD9_AAGCATCAGGAGACCT-1-10x	0.07154667	0.20466478	0.0013138
5mo_SIGAD9_AAGCATCGTCATCAGT-1-10x	0.28158644	0.9525201	0.00075401
5mo_SIGAD9_AAGCATCGTGGCACTC-1-10x	0.08614467	0.25664157	0.0039187
5mo_SIGAD9_AAGCATCGTTCGTA-1-10x	0.11777873	0.36927593	0.002453
5mo_SIGAD9_AAGCCATCAGTATGAA-1-10x	0.06610018	0.18527234	0.00072102
5mo_SIGAD9_AAGGAATTCAGCCCG-1-10x	0.24962614	0.83872414	0.00081397
5mo_SIGAD9_AAGTTCGTGACTGACTA-1-10x	0.27259377	0.9205013	0.000753
5mo_SIGAD9_AATCGACCACAAGGTG-1-10x	0.03903156	0.08889337	6.67E-05
5mo_SIGAD9_AATCGACCAGGACAGT-1-10x	0.22823168	0.76254827	0.00095947
5mo_SIGAD9_AATGCCACAGTCCCGA-1-10x	0.04671374	0.11624609	0.00010777
5mo_SIGAD9_ACACGCGCAAACCACT-1-10x	0.03159708	0.0624226	4.83E-05
5mo_SIGAD9_ACAGAAAAGACTGGGT-1-10x	0.08451718	0.2508468	0.0036353
5mo_SIGAD9_ACCAAACGTACTTCCC-1-10x	0.26542506	0.8949768	0.00075974
5mo_SIGAD9_ACCAAACGTATCAAGA-1-10x	0.22793035	0.7614754	0.00095947

5mo_SIGAD9_ACCCAAACACCAATTG-1-10x	0.03916546	0.08937015	6.67E-05
5mo_SIGAD9_ACCGTTCAGTTCCGGC-1-10x	0.18794255	0.6190971	0.0013519
5mo_SIGAD9_ACCTGAAAGCATTTCG-1-10x	0.27744332	0.93776834	0.00075222
5mo_SIGAD9_ACCTGAAAGCGGTAGT-1-10x	0.09141871	0.27541998	0.0043535
5mo_SIGAD9_ACGCACGAGGGCAACT-1-10x	0.07460164	0.21554212	0.0017292
5mo_SIGAD9_ACGGAAGCACTTGGCG-1-10x	0.08810601	0.263625	0.0041422
5mo_SIGAD9_ACGGAAGTCCACGTCT-1-10x	0.0862147	0.2568909	0.0039187
5mo_SIGAD9_ACGGGTCCAGTGAGCA-1-10x	0.04267727	0.10187406	7.82E-05
5mo_SIGAD9_ACGTTCCAGTGACCC-1-10x	0.14687383	0.47287026	0.0018717
5mo_SIGAD9_ACTCTCGAGCTCCACG-1-10x	0.02569975	0.04142491	4.00E-05
5mo_SIGAD9_ACTGATGAGTATGCAA-1-10x	0.2694305	0.90923834	0.00075499
5mo_SIGAD9_ACTGCAAGTCAGTCGC-1-10x	0.03412314	0.07141674	5.17E-05
5mo_SIGAD9_ACTGCAATCAGAGTTC-1-10x	0.02707609	0.04632543	4.19E-05
5mo_SIGAD9_ACTGCAATCGGAACTT-1-10x	0.05743539	0.154421	0.00028394
5mo_SIGAD9_ACTTAGGCACGTCCGGT-1-10x	0.05171704	0.13406056	0.00016076
5mo_SIGAD9_ACTTATCCATTGAAAG-1-10x	0.1957168	0.64677763	0.0012511
5mo_SIGAD9_ACTTCCGTCGCGCAA-1-10x	0.1380416	0.44142273	0.0018802
5mo_SIGAD9_AGAAGCGAGATGAACT-1-10x	0.05559233	0.1478587	0.000233
5mo_SIGAD9_AGACAGGGTCGTCATA-1-10x	0.19243625	0.63509715	0.0012861
5mo_SIGAD9_AGACAGGGTTGATGTC-1-10x	0.07801421	0.22769272	0.0023954
5mo_SIGAD9_AGACCCGGTAGTGTGG-1-10x	0.09994556	0.3057802	0.0041652
5mo_SIGAD9_AGAGCAGAGGATAATC-1-10x	0.09150837	0.27573925	0.0043535
5mo_SIGAD9_AGATAGACATGCCGAC-1-10x	0.09884986	0.3018789	0.0042345
5mo_SIGAD9_AGATGCTAGGGATGTC-1-10x	0.04619797	0.11440969	0.00010046
5mo_SIGAD9_AGATGCTGTTGTGTTG-1-10x	0.28753614	0.9737043	0.00075864
5mo_SIGAD9_AGATGCTTCAAACGTC-1-10x	0.05596643	0.1491907	0.000257
5mo_SIGAD9_AGCATCACAGTGTACT-1-10x	0.05067345	0.13034481	0.00014746
5mo_SIGAD9_AGCCAATCACCTGAG-1-10x	0.04869559	0.12330255	0.00012523
5mo_SIGAD9_AGCCAGCAGGCATGCA-1-10x	0.27520508	0.92979896	0.00075218
5mo_SIGAD9_AGCGCTGGTCGTATTG-1-10x	0.28686762	0.97132397	0.00075773
5mo_SIGAD9_AGCTACACATCATTTTC-1-10x	0.03429338	0.07202289	5.37E-05
5mo_SIGAD9_AGCTACATCAGTGCGC-1-10x	0.21537063	0.7167559	0.0010625
5mo_SIGAD9_AGCTCAATCGAATGCT-1-10x	0.03706255	0.08188264	5.82E-05
5mo_SIGAD9_AGGAAATTCCTCTGCA-1-10x	0.01621624	0.00765848	3.33E-05
5mo_SIGAD9_AGGACGACAGCTTCCT-1-10x	0.19364636	0.6394058	0.0012741
5mo_SIGAD9_AGGACTTGTAGGCTGA-1-10x	0.05159277	0.1336181	0.00016076
5mo_SIGAD9_AGGCCACCATCTGCGG-1-10x	0.2430339	0.8152522	0.00085167
5mo_SIGAD9_AGGGAGTGTACCTTCC-1-10x	0.03899879	0.08877672	6.67E-05
5mo_SIGAD9_AGGGCTCCAGGTAGTG-1-10x	0.02080788	0.02400722	3.62E-05
5mo_SIGAD9_AGGTTGTTACAATGC-1-10x	0.0171475	0.01097428	3.38E-05
5mo_SIGAD9_AGTACTIONCAGGCCCTA-1-10x	0.0790255	0.23129345	0.002576

5mo_SIGAD9_AGTCACGTATCGTGT-1-10x	0.12894513	0.40903437	0.0019821
5mo_SIGAD9_AGTCATGTCTCTCTTC-1-10x	0.15045789	0.48563147	0.0018694
5mo_SIGAD9_AGTCTCCCACCTCGTT-1-10x	0.14343178	0.4606147	0.0018716
5mo_SIGAD9_AGTGACTGTACTION-1-10x	0.17423327	0.57028466	0.0015753
5mo_SIGAD9_AGTGTTGTCAGACCCG-1-10x	0.05105742	0.13171196	0.00014746
5mo_SIGAD9_AGTGTTGTCCATGAGT-1-10x	0.09121713	0.27470228	0.0043535
5mo_SIGAD9_AGTTAGCAGGCAGCTA-1-10x	0.2770773	0.9364651	0.00075222
5mo_SIGAD9_AGTTAGCGTTCCATTT-1-10x	0.28196612	0.95387197	0.00075401
5mo_SIGAD9_AGTTAGCTCCCTATTA-1-10x	0.16117698	0.5237972	0.0017883
5mo_SIGAD9_AGTTCCTAGCGAGT-1-10x	0.02248872	0.02999191	3.76E-05
5mo_SIGAD9_ATACTTCTCAGCTAGT-1-10x	0.02810741	0.0499975	4.30E-05
5mo_SIGAD9_ATACTTCTCTGAATCG-1-10x	0.08156905	0.24034989	0.0031253
5mo_SIGAD9_ATAGACCTCGTGGCTG-1-10x	0.06270263	0.1731752	0.00052741
5mo_SIGAD9_ATAGAGACATCTAGAC-1-10x	0.04955732	0.1263708	0.00013566
5mo_SIGAD9_ATAGGCTTCAAACGAA-1-10x	0.09556174	0.2901714	0.0043808
5mo_SIGAD9_ATATCCTAGAGGATCC-1-10x	0.05390155	0.1418386	0.00019264
5mo_SIGAD9_ATCAGGTGTTTCAAAG-1-10x	0.24498764	0.8222085	0.00084014
5mo_SIGAD9_ATCCATTCAGCAAGAC-1-10x	0.06050085	0.16533567	0.00038577
5mo_SIGAD9_ATCCATTGTCCGAACA-1-10x	0.09904133	0.30256066	0.0042345
5mo_SIGAD9_ATCCCTGAGCAATTCC-1-10x	0.13863751	0.4435445	0.0018772
5mo_SIGAD9_ATCGATGCAATTGGTC-1-10x	0.06646331	0.18656527	0.00079936
5mo_SIGAD9_ATCGATGCATCGATCA-1-10x	0.01709724	0.01079533	3.38E-05
5mo_SIGAD9_ATCGATGGTGCGACAA-1-10x	0.09492687	0.28791097	0.0044051
5mo_SIGAD9_ATCGGCGGTCGACTGC-1-10x	0.21301389	0.70836467	0.0010778
5mo_SIGAD9_ATCGTCCAGCGAGGAG-1-10x	0.08339039	0.24683481	0.0034742
5mo_SIGAD9_ATCGTCCCAGGCGTTC-1-10x	0.05884462	0.15943861	0.00034795
5mo_SIGAD9_ATCTTCAAGCTCATAC-1-10x	0.25916156	0.87267536	0.00077499
5mo_SIGAD9_ATGAAAGGTGTTCAAGT-1-10x	0.0522746	0.1360458	0.00017575
5mo_SIGAD9_ATGACCATCCGACGGT-1-10x	0.11857694	0.37211803	0.0023898
5mo_SIGAD9_ATGATCGAGTGTACAA-1-10x	0.05568661	0.14819437	0.000233
5mo_SIGAD9_ATGATCGGTAATGCGG-1-10x	0.05283336	0.13803527	0.00017575
5mo_SIGAD9_ATGGAGGCAGGCATGA-1-10x	0.09902605	0.30250627	0.0042345
5mo_SIGAD9_ATGGAGGTCATCAGTG-1-10x	0.11763538	0.36876556	0.002453
5mo_SIGAD9_ATGGATCAGGTACAGC-1-10x	0.13953702	0.44674724	0.001875
5mo_SIGAD9_ATGTCCCCAGACCTAT-1-10x	0.02450201	0.03716032	3.91E-05
5mo_SIGAD9_ATGTCCCTCAACGCTA-1-10x	0.03041123	0.05820033	4.55E-05
5mo_SIGAD9_ATGTCTTTCGGAAGGT-1-10x	0.283261	0.95848244	0.00075531
5mo_SIGAD9_ATTACCTACTAGGCC-1-10x	0.19603474	0.6479097	0.00124
5mo_SIGAD9_ATTACCTCACCTTAT-1-10x	0.01959739	0.01969719	3.55E-05
5mo_SIGAD9_ATTACTCTCCATTTCA-1-10x	0.23633562	0.79140264	0.00089602
5mo_SIGAD9_ATTATCCTCATTTGGG-1-10x	0.01778704	0.01325136	3.44E-05

5mo_SIGAD9_ATTCATCAGCGCATCC-1-10x	0.07197956	0.20620611	0.0014433
5mo_SIGAD9_ATTCCCGTCTTCGATT-1-10x	0.05768064	0.15529421	0.00028394
5mo_SIGAD9_ATTCTACAGCAGTCC-1-10x	0.2656749	0.89586633	0.00075974
5mo_SIGAD9_ATTCGTTAGGGCTGAT-1-10x	0.12794717	0.4054811	0.0020026
5mo_SIGAD9_ATTCTTGTCTACGCAA-1-10x	0.28247356	0.95567876	0.00075462
5mo_SIGAD9_ATTGTTCAGCCTCTGG-1-10x	0.2791749	0.94393367	0.00075266
5mo_SIGAD9_ATTTCACTCTTCCACG-1-10x	0.04605668	0.11390661	0.00010046
5mo_SIGAD9_CAACCAACACACACGC-1-10x	0.26588324	0.8966082	0.00075974
5mo_SIGAD9_CAACCAACACCGGTCA-1-10x	0.05529436	0.14679775	0.000233
5mo_SIGAD9_CAACGATGTACTAAGA-1-10x	0.1290766	0.40950248	0.0019821
5mo_SIGAD9_CAACGATTCATGGTAC-1-10x	0.24408726	0.8190027	0.00084583
5mo_SIGAD9_CAAGGGATCCTAACAG-1-10x	0.01620912	0.00763314	3.33E-05
5mo_SIGAD9_CAATCGAGTGGCTGAA-1-10x	0.03510675	0.07491891	5.37E-05
5mo_SIGAD9_CAATGACCAGAGAATT-1-10x	0.27862066	0.94196033	0.00075266
5mo_SIGAD9_CAATTTCCATTGCAAC-1-10x	0.23952317	0.8027521	0.00087632
5mo_SIGAD9_CAATTTCTCGCTGATA-1-10x	0.09655431	0.29370552	0.0043435
5mo_SIGAD9_CACCAAATCTCTTAAC-1-10x	0.03858064	0.08728785	6.36E-05
5mo_SIGAD9_CACGTTCCAGGTTTCAT-1-10x	0.04090989	0.09558125	7.40E-05
5mo_SIGAD9_CACTAAGAGAACGCGT-1-10x	0.03110683	0.06067705	4.68E-05
5mo_SIGAD9_CACTAAGAGGTTGAGC-1-10x	0.02797519	0.04952669	4.30E-05
5mo_SIGAD9_CACTGGGGTAGTGATA-1-10x	0.04064403	0.09463465	7.01E-05
5mo_SIGAD9_CAGATACCATTGCTGA-1-10x	0.10565122	0.32609546	0.00352
5mo_SIGAD9_CAGATCAAGAAGTCTA-1-10x	0.08614647	0.25664794	0.0039187
5mo_SIGAD9_CAGATCAAGCCGGATA-1-10x	0.02124347	0.02555813	3.69E-05
5mo_SIGAD9_CAGATTGAGGCACGAT-1-10x	0.1148838	0.35896844	0.0026715
5mo_SIGAD9_CAGATTGCAACTGCCG-1-10x	0.05012322	0.1283857	0.00013566
5mo_SIGAD9_CAGCAATCACGACTAT-1-10x	0.09494258	0.28796688	0.0044051
5mo_SIGAD9_CAGCAGCAGGATGGCT-1-10x	0.04368589	0.10546532	8.81E-05
5mo_SIGAD9_CAGCGTGGTTGGTACT-1-10x	0.06857546	0.19408566	0.00097948
5mo_SIGAD9_CAGCGTGTCTGTTCTAT-1-10x	0.04306445	0.10325265	8.29E-05
5mo_SIGAD9_CAGGGCTAGTGGTTCT-1-10x	0.27406108	0.92572576	0.00075233
5mo_SIGAD9_CAGGTATAGCACTCTA-1-10x	0.10341648	0.31813857	0.0038193
5mo_SIGAD9_CAGTTCCGTCATGGCC-1-10x	0.2513423	0.84483457	0.00080467
5mo_SIGAD9_CAGTTCTCCAAGTGA-1-10x	0.26495662	0.89330894	0.00076135
5mo_SIGAD9_CATAAGCCAGCGGTTC-1-10x	0.03974522	0.09143438	6.67E-05
5mo_SIGAD9_CATACCCGTTACCCTC-1-10x	0.22672005	0.757166	0.00097406
5mo_SIGAD9_CATCGGGAGAGAGCAA-1-10x	0.10979354	0.34084436	0.0031181
5mo_SIGAD9_CATCGGGCAGAGTTGG-1-10x	0.13399835	0.42702657	0.0019027
5mo_SIGAD9_CATCGGGGTGCAATGG-1-10x	0.08058371	0.23684154	0.0029431
5mo_SIGAD9_CATCGTCTCAAGTTC-1-10x	0.02587246	0.04203984	4.09E-05
5mo_SIGAD9_CATGCGGAGCCACAAG-1-10x	0.26597625	0.89693934	0.00075974

5mo_SIGAD9_CATGCGGCAATTGCGT-1-10x	0.16326259	0.5312231	0.001763
5mo_SIGAD9_CATTGAGCACGCTGCA-1-10x	0.19710065	0.6517049	0.0012292
5mo_SIGAD9_CATTGAGGTGGGATTG-1-10x	0.07494561	0.21676686	0.001885
5mo_SIGAD9_CATTGCCAGCCTTTCC-1-10x	0.13420229	0.4277527	0.0019027
5mo_SIGAD9_CATTGCCAGTGCCTC-1-10x	0.07255016	0.20823774	0.0014433
5mo_SIGAD9_CATTGCCGTAACCTCG-1-10x	0.18116419	0.5949625	0.0014587
5mo_SIGAD9_CATTTCAAGGCATCAG-1-10x	0.2303844	0.77021307	0.00094498
5mo_SIGAD9_CATTTCAAGTTAGTAG-1-10x	0.01579603	0.00616231	3.33E-05
5mo_SIGAD9_CATTTCAAGTGGCATCC-1-10x	0.04847067	0.1225017	0.00012523
5mo_SIGAD9_CCACAAATCTCGCTCA-1-10x	0.2092424	0.69493616	0.0011095
5mo_SIGAD9_CCACCATAGCACTCCG-1-10x	0.27560058	0.9312072	0.00075218
5mo_SIGAD9_CCACGTTAGACATAGT-1-10x	0.0820534	0.24207443	0.0031253
5mo_SIGAD9_CCACGTTTCCGAACG-1-10x	0.2509475	0.8434289	0.00080923
5mo_SIGAD9_CCACGTTTCGTTAGAC-1-10x	0.17388642	0.56904966	0.0015922
5mo_SIGAD9_CCATAAGCAAACACCT-1-10x	0.24052748	0.80632794	0.00086997
5mo_SIGAD9_CCATCACCATGGTGGA-1-10x	0.09556105	0.29016897	0.0043808
5mo_SIGAD9_CCCAAGTACTCCATA-1-10x	0.20115033	0.666124	0.0011888
5mo_SIGAD9_CCCAAGTCAAGACGAC-1-10x	0.27287903	0.921517	0.0007526
5mo_SIGAD9_CCCTGATCAGAACATA-1-10x	0.1223419	0.38552332	0.0021873
5mo_SIGAD9_CCCTGATGTCCTACGG-1-10x	0.25139794	0.8450327	0.00080467
5mo_SIGAD9_CCGATCTGTTTCTTAC-1-10x	0.02296851	0.0317002	3.76E-05
5mo_SIGAD9_CCGATGGTCGCCAACG-1-10x	0.2705419	0.91319555	0.00075418
5mo_SIGAD9_CCGGACAAGCGGATCA-1-10x	0.08217373	0.24250285	0.0033032
5mo_SIGAD9_CCGGACACAAGTAGTA-1-10x	0.10620722	0.3280751	0.00352
5mo_SIGAD9_CCGGGTAAGTTAGTAG-1-10x	0.26949903	0.90948236	0.00075499
5mo_SIGAD9_CCGTTCACAGCCTACG-1-10x	0.11425396	0.35672587	0.0026715
5mo_SIGAD9_CCTAACCTCAAGGACG-1-10x	0.07719871	0.22478913	0.0022191
5mo_SIGAD9_CCTACGTAGACTCATC-1-10x	0.23953687	0.80280083	0.00087632
5mo_SIGAD9_CCTACGTACAGAGGTA-1-10x	0.04288553	0.10261559	8.29E-05
5mo_SIGAD9_CCTACGTGTCGATTAC-1-10x	0.10708322	0.33119416	0.0034182
5mo_SIGAD9_CCTACGTTCGTTGTGA-1-10x	0.04426503	0.10752738	8.81E-05
5mo_SIGAD9_CCTATCGGTCAATGGG-1-10x	0.18347062	0.6031746	0.0014268
5mo_SIGAD9_CCTATCGTCAAAGGTA-1-10x	0.27454546	0.9274504	0.00075233
5mo_SIGAD9_CCTCAACCAATCAGCT-1-10x	0.05124446	0.13237794	0.00016076
5mo_SIGAD9_CCTCAGTCAGGTTTTCAT-1-10x	0.23678525	0.79300356	0.00089602
5mo_SIGAD9_CCTCAGTGTCTCGTC-1-10x	0.01837211	0.01533456	3.49E-05
5mo_SIGAD9_CCTCATGAGTGGTGGT-1-10x	0.23987113	0.803991	0.00087632
5mo_SIGAD9_CCTCATGGTATTGAGA-1-10x	0.04081834	0.09525527	7.01E-05
5mo_SIGAD9_CCTCAAAGTGAAGTAGC-1-10x	0.15098365	0.48750344	0.0018676
5mo_SIGAD9_CCTCCTCGTCATCCCT-1-10x	0.02040465	0.02257148	3.62E-05
5mo_SIGAD9_CCTCCTCGTTCAAAGA-1-10x	0.0865945	0.2582432	0.0039187

5mo_SIGAD9_CCTGCATCAGCACAAG-1-10x	0.05004115	0.1280935	0.00013566
5mo_SIGAD9_CCTGCATGTGGGTATG-1-10x	0.26621908	0.89780396	0.00075974
5mo_SIGAD9_CCTTCAGCAGTGCCT-1-10x	0.06808115	0.19232565	0.00097948
5mo_SIGAD9_CGAAGTTCATAGCTGT-1-10x	0.07387319	0.21294847	0.0017292
5mo_SIGAD9_CGAGGCTAGAGACAAG-1-10x	0.29041785	0.9839647	0.00076163
5mo_SIGAD9_CGAGTGCTCTGGGCAC-1-10x	0.2032294	0.6735266	0.0011699
5mo_SIGAD9_CGAGTTACTATGTG-1-10x	0.08273205	0.24449079	0.0033032
5mo_SIGAD9_CGATCGGCACTCTAGA-1-10x	0.08884318	0.26624972	0.0042295
5mo_SIGAD9_CGATGCGGTGTCATGT-1-10x	0.01503874	0.00346593	3.27E-05
5mo_SIGAD9_CGCAGGTAGTATGACA-1-10x	0.08419202	0.24968906	0.0036353
5mo_SIGAD9_CGCAGGTGTCGCTTGG-1-10x	0.2834862	0.95928425	0.00075531
5mo_SIGAD9_CGCATAACAGGTGACA-1-10x	0.27079934	0.91411215	0.00075418
5mo_SIGAD9_CGCGTGACAACACTGCTA-1-10x	0.1694932	0.55340743	0.0016744
5mo_SIGAD9_CGCGTGACATCCAATG-1-10x	0.03243118	0.06539246	5.00E-05
5mo_SIGAD9_CGCGTGATCTTCCCGA-1-10x	0.0386472	0.08752484	6.36E-05
5mo_SIGAD9_CGGAACCAGGAGAGTA-1-10x	0.02851924	0.05146383	4.30E-05
5mo_SIGAD9_CGGAATTGTCGTATGT-1-10x	0.03148286	0.06201591	4.83E-05
5mo_SIGAD9_CGGACACAGCGTATGG-1-10x	0.03630689	0.07919209	5.82E-05
5mo_SIGAD9_CGGGACTCAGCATGCC-1-10x	0.0464544	0.11532272	0.00010046
5mo_SIGAD9_CGGGCATGTTAATGAG-1-10x	0.21998481	0.73318493	0.0010253
5mo_SIGAD9_CGGGCATTCCGTGTGG-1-10x	0.0725849	0.20836145	0.0014433
5mo_SIGAD9_CGGTCAGTCACGGGCT-1-10x	0.24098477	0.80795616	0.00086374
5mo_SIGAD9_CGTAAGTGCTTAGTG-1-10x	0.07181967	0.20563681	0.0013138
5mo_SIGAD9_CGTAAGTTCGAACGGA-1-10x	0.0364283	0.07962436	5.82E-05
5mo_SIGAD9_CGTAATGTCGGTGTTA-1-10x	0.0991411	0.3029159	0.0041652
5mo_SIGAD9_CGTCAAAGCTGTTAC-1-10x	0.18067813	0.59323186	0.001475
5mo_SIGAD9_CGTGATAAGTCTAGAA-1-10x	0.12279394	0.3871328	0.0021479
5mo_SIGAD9_CGTGATACAGAGGTTG-1-10x	0.03603266	0.07821567	5.58E-05
5mo_SIGAD9_CGTGTCTGTTCAAACC-1-10x	0.08811905	0.2636714	0.0041422
5mo_SIGAD9_CGTGTCTTCTAAGTG-1-10x	0.05451808	0.14403377	0.00021164
5mo_SIGAD9_CGTTAGAGTCATTCCC-1-10x	0.04820258	0.12154719	0.00011598
5mo_SIGAD9_CGTTCTGGTAATACCC-1-10x	0.15481356	0.50114	0.0018522
5mo_SIGAD9_CTACAGAAGAGAGGGC-1-10x	0.04347508	0.10471471	8.29E-05
5mo_SIGAD9_CTACATTTCCCGAGTG-1-10x	0.09059304	0.27248016	0.0042999
5mo_SIGAD9_CTACCCAAGGATGTTA-1-10x	0.1006036	0.3081232	0.0040879
5mo_SIGAD9_CTACGGGGTTCACCGG-1-10x	0.10957445	0.3400643	0.0031181
5mo_SIGAD9_CTACTATGTCTACAAC-1-10x	0.04994059	0.12773542	0.00013566
5mo_SIGAD9_CTAGGTACAGAGATGC-1-10x	0.22625808	0.7555212	0.00097406
5mo_SIGAD9_CTAGGTATCGGTCTGG-1-10x	0.0394947	0.09054241	6.67E-05
5mo_SIGAD9_CTATAGGTCATTCACT-1-10x	0.04292538	0.1027575	8.29E-05
5mo_SIGAD9_CTCAAGAAGTAAGACT-1-10x	0.0999663	0.30585405	0.0041652

5mo_SIGAD9_CTCAAGAGTCAAAGTA-1-10x	0.1937618	0.63981676	0.0012741
5mo_SIGAD9_CTCACTGCATCGGAAG-1-10x	0.11030493	0.34266517	0.0031181
5mo_SIGAD9_CTCAAGTCAAGCGCT-1-10x	0.08612298	0.25656432	0.0039187
5mo_SIGAD9_CTCCATGCAATTTCTC-1-10x	0.2125569	0.7067375	0.0010856
5mo_SIGAD9_CTCCATGCAGCTCATA-1-10x	0.03143564	0.0618478	4.68E-05
5mo_SIGAD9_CTCCCTCGTGGAACAC-1-10x	0.02621951	0.04327552	4.09E-05
5mo_SIGAD9_CTCCGATAGCAGGTCA-1-10x	0.01796684	0.01389157	3.44E-05
5mo_SIGAD9_CTCTCCCATCCGTGG-1-10x	0.04942056	0.12588385	0.00013566
5mo_SIGAD9_CTGCAGGTGAGTCCG-1-10x	0.06591486	0.1846125	0.00072102
5mo_SIGAD9_CTCTCAGAGAAGCGCT-1-10x	0.08700527	0.25970578	0.0040384
5mo_SIGAD9_CTCTCGAAGAATACAC-1-10x	0.02349421	0.03357198	3.83E-05
5mo_SIGAD9_CTCTCGACATGGAATA-1-10x	0.231333	0.7735906	0.00093779
5mo_SIGAD9_CTCTCGATCCACGTAA-1-10x	0.15673713	0.5079889	0.0018385
5mo_SIGAD9_CTGAATGAGCCTGAGA-1-10x	0.0943711	0.28593212	0.0044154
5mo_SIGAD9_CTGAGCGCACATACTG-1-10x	0.0953136	0.28928792	0.0044051
5mo_SIGAD9_CTGAGGCCACATTGTG-1-10x	0.27156025	0.9168214	0.00075352
5mo_SIGAD9_CTGCATCGTCGCACGT-1-10x	0.10585412	0.3268179	0.00352
5mo_SIGAD9_CTGCGAGCACTGGACC-1-10x	0.02049228	0.02288351	3.62E-05
5mo_SIGAD9_CTGCGAGGTAACCTCG-1-10x	0.08839399	0.26465037	0.0041422
5mo_SIGAD9_CTGCGAGTCGACCCAG-1-10x	0.01767878	0.01286592	3.44E-05
5mo_SIGAD9_CTGCTCATCAAGAAAC-1-10x	0.2481256	0.83338135	0.00082396
5mo_SIGAD9_CTGGACGAGTATCCTG-1-10x	0.10560922	0.3259459	0.0036214
5mo_SIGAD9_CTGGACGCAATCCAGT-1-10x	0.09225807	0.27840856	0.0043903
5mo_SIGAD9_CTGGCAGGTGCAACAG-1-10x	0.08412922	0.24946548	0.0036353
5mo_SIGAD9_CTGTACCGTTCTCAGA-1-10x	0.09683146	0.2946923	0.0043435
5mo_SIGAD9_CTTAGGAGTCACTCAA-1-10x	0.04327223	0.10399246	8.29E-05
5mo_SIGAD9_CTTAGGAGTTTGCCGG-1-10x	0.09289932	0.28069177	0.0044107
5mo_SIGAD9_CTTAGGATCTCGACCT-1-10x	0.2692911	0.908742	0.00075499
5mo_SIGAD9_CTTCAATGTATCGGTT-1-10x	0.0498152	0.127289	0.00013566
5mo_SIGAD9_CTTGCGTACGCCAGT-1-10x	0.23186165	0.77547294	0.00093066
5mo_SIGAD9_GAAACCTGTTGCTCGG-1-10x	0.2937175	0.99571323	0.000766
5mo_SIGAD9_GAAATGAGTGGCTACC-1-10x	0.26520517	0.8941939	0.00076135
5mo_SIGAD9_GAACGTTCAAGTGGTG-1-10x	0.2297638	0.76800346	0.00094498
5mo_SIGAD9_GAAGCCCCACCTTCGT-1-10x	0.03146669	0.06195833	4.83E-05
5mo_SIGAD9_GAAGCGACATTACTCT-1-10x	0.04455343	0.10855422	8.81E-05
5mo_SIGAD9_GAAGCGAGTGACAACG-1-10x	0.08632483	0.25728303	0.0039187
5mo_SIGAD9_GAAGGGTAGCTCATAAC-1-10x	0.28730416	0.9728783	0.00075864
5mo_SIGAD9_GAATCACAGTGGACTG-1-10x	0.170628	0.5574479	0.0016421
5mo_SIGAD9_GAATCACCAGGCAATG-1-10x	0.14459486	0.46475592	0.0018716
5mo_SIGAD9_GAATCGTAGGAAGAAC-1-10x	0.28836703	0.9766627	0.0007596
5mo_SIGAD9_GAATCGTGTGGAACAC-1-10x	0.23999204	0.8044215	0.00086997

5mo_SIGAD9_GACAGCCAGCTAGTTC-1-10x	0.2315255	0.774276	0.00093066
5mo_SIGAD9_GACCTTCTCATGAAAG-1-10x	0.26275158	0.8854578	0.00076511
5mo_SIGAD9_GACGTTACACTTGACA-1-10x	0.05115351	0.13205409	0.00014746
5mo_SIGAD9_GACGTTATCATACAGC-1-10x	0.05562043	0.14795876	0.000233
5mo_SIGAD9_GACGTTATCGGCTGAC-1-10x	0.1600898	0.51992625	0.0018109
5mo_SIGAD9_GACTCAAAGCACTAGG-1-10x	0.0186499	0.01632361	3.49E-05
5mo_SIGAD9_GACTCTCCACCACATA-1-10x	0.2753527	0.93032455	0.00075218
5mo_SIGAD9_GACTGATAGTCATCGT-1-10x	0.13156068	0.41834718	0.001934
5mo_SIGAD9_GAGACTTAGCTAGCCC-1-10x	0.05111577	0.13191971	0.00014746
5mo_SIGAD9_GAGAGGTGTGTGATGG-1-10x	0.01771532	0.01299603	3.44E-05
5mo_SIGAD9_GAGATGGCACGGTCTG-1-10x	0.18404715	0.60522735	0.0014112
5mo_SIGAD9_GAGATGGCAGCGACAA-1-10x	0.06018044	0.16419484	0.00038577
5mo_SIGAD9_GAGTCTAGTAGTTACC-1-10x	0.2364646	0.7918619	0.00089602
5mo_SIGAD9_GAGTCTATCGCAGTGC-1-10x	0.05359389	0.14074318	0.00019264
5mo_SIGAD9_GAGTGTCTGTGCGG-1-10x	0.0657728	0.1841067	0.00072102
5mo_SIGAD9_GAGTTACTCGAGTCTA-1-10x	0.0253045	0.04001762	4.00E-05
5mo_SIGAD9_GAGTTGTAGTGAATAC-1-10x	0.06339295	0.17563312	0.00058553
5mo_SIGAD9_GAGTTGTACCTGCGA-1-10x	0.03888182	0.08836021	6.36E-05
5mo_SIGAD9_GAGTTGTTGAGTACT-1-10x	0.2186455	0.72841626	0.0010326
5mo_SIGAD9_GAGTTTGCATAGGCCGA-1-10x	0.01604077	0.0070337	3.33E-05
5mo_SIGAD9_GATAGAAAGTCGGCCT-1-10x	0.24150781	0.80981845	0.00086374
5mo_SIGAD9_GATAGAACAAGTCCCG-1-10x	0.04000426	0.09235672	7.01E-05
5mo_SIGAD9_GATCACAGTTAAAGTG-1-10x	0.04757179	0.11930122	0.00011598
5mo_SIGAD9_GATCCCTCAGGTTTCAT-1-10x	0.14557725	0.46825373	0.0018716
5mo_SIGAD9_GATCCCTGTA CTGCGC-1-10x	0.06957416	0.19764157	0.0010821
5mo_SIGAD9_GATCGTATCCTAAACG-1-10x	0.0446756	0.10898923	9.39E-05
5mo_SIGAD9_GATGACTAGGCACTAG-1-10x	0.1818304	0.59733456	0.0014427
5mo_SIGAD9_GATGCTAAGTAATCCC-1-10x	0.04828627	0.12184515	0.00011598
5mo_SIGAD9_GATGCTAAGTGGTCAG-1-10x	0.15255983	0.4931155	0.0018651
5mo_SIGAD9_GATGCTAGTCACAGTT-1-10x	0.07938765	0.23258291	0.0027593
5mo_SIGAD9_GATTGGTGTCCAGTTA-1-10x	0.05195631	0.13491249	0.00016076
5mo_SIGAD9_GATTTCTGTGGCTTAT-1-10x	0.2767026	0.935131	0.00075222
5mo_SIGAD9_GCAACCGTCTCAAAGC-1-10x	0.12617841	0.39918336	0.0020515
5mo_SIGAD9_GCACGGTGTGACTCTA-1-10x	0.2340257	0.7831781	0.00091657
5mo_SIGAD9_GCACTAACACGGTCTG-1-10x	0.13662545	0.4363805	0.0018891
5mo_SIGAD9_GCACTAAGTTCTCTAT-1-10x	0.27046952	0.9129378	0.00075418
5mo_SIGAD9_GCAGCCAGTACGAGTG-1-10x	0.08491156	0.252251	0.0036353
5mo_SIGAD9_GCAGCCAGTCTTCTAT-1-10x	0.0897522	0.2694863	0.0042999
5mo_SIGAD9_GCAGCCATCCTTATGT-1-10x	0.05123118	0.13233064	0.00016076
5mo_SIGAD9_GCAGGCTGTTCTATCT-1-10x	0.20978957	0.69688433	0.0011095
5mo_SIGAD9_GCAGTTATCGCCTTTG-1-10x	0.04307975	0.10330714	8.29E-05

5mo_SIGAD9_GCATCGGAGGTTGAGC-1-10x	0.2693453	0.90893507	0.00075499
5mo_SIGAD9_GCATCGGCAGCAGTGA-1-10x	0.09311494	0.2814595	0.0044107
5mo_SIGAD9_GCATCTCCACTCCCTA-1-10x	0.0430363	0.10315244	8.29E-05
5mo_SIGAD9_GCATGATAGTTTCGGT-1-10x	0.05305811	0.13883552	0.00019264
5mo_SIGAD9_GCATTAGAGAGTGAAG-1-10x	0.08599626	0.25611314	0.0039187
5mo_SIGAD9_GCCAGTGAGACTCTTG-1-10x	0.27657294	0.9346693	0.00075214
5mo_SIGAD9_GCCATGGAGGATCATA-1-10x	0.01523192	0.00415376	3.27E-05
5mo_SIGAD9_GCCATGGGTGTATACC-1-10x	0.01652024	0.00874089	3.38E-05
5mo_SIGAD9_GCCATCCACCAATTG-1-10x	0.15526393	0.50274354	0.0018522
5mo_SIGAD9_GCCGTGACACGTTCGGT-1-10x	0.08378524	0.24824072	0.0034742
5mo_SIGAD9_GCCGTGAGTCGATTCA-1-10x	0.15709345	0.5092576	0.0018385
5mo_SIGAD9_GCGGATCAGATGGCAC-1-10x	0.2708264	0.91420853	0.00075418
5mo_SIGAD9_GCGTGCAGTGCCTGCA-1-10x	0.24148253	0.80972844	0.00086374
5mo_SIGAD9_GCTACCTGTAGCGTAG-1-10x	0.02204901	0.02842631	3.69E-05
5mo_SIGAD9_GCTGAATTCGAGAATA-1-10x	0.08929448	0.2678566	0.0042295
5mo_SIGAD9_GCTTGGGGTCACGACC-1-10x	0.25492847	0.85760325	0.00079207
5mo_SIGAD9_GCTTTCGAGCTGAGTG-1-10x	0.01583977	0.00631803	3.33E-05
5mo_SIGAD9_GGAAGTGTCGAATCCA-1-10x	0.24980974	0.8393778	0.00081397
5mo_SIGAD9_GGACGTCAGATGAAGG-1-10x	0.0179833	0.01395017	3.44E-05
5mo_SIGAD9_GGAGAACGTGACTCGC-1-10x	0.01504186	0.00347704	3.27E-05
5mo_SIGAD9_GGAGGATCACGCTTAA-1-10x	0.05787671	0.15599231	0.00031414
5mo_SIGAD9_GGAGGATTCTGCGGGT-1-10x	0.03122754	0.06110685	4.68E-05
5mo_SIGAD9_GGCGTCACAACCACGC-1-10x	0.02200632	0.02827431	3.69E-05
5mo_SIGAD9_GGGAAGTCAGCATTGT-1-10x	0.04355888	0.1050131	8.29E-05
5mo_SIGAD9_GGGAAGTGTAAGGCTG-1-10x	0.16883743	0.55107254	0.0016744
5mo_SIGAD9_GGGACAAAGTTGTAGA-1-10x	0.03402685	0.07107389	5.17E-05
5mo_SIGAD9_GGGACTCTCTGCAGCG-1-10x	0.08763927	0.26196316	0.0040384
5mo_SIGAD9_GGGTATTCAGAATGTA-1-10x	0.05098673	0.13146026	0.00014746
5mo_SIGAD9_GGGTCACCAAGAGTTA-1-10x	0.14143936	0.45352063	0.0018724
5mo_SIGAD9_GGGTCACTCCGACAGC-1-10x	0.06115542	0.1676663	0.00042799
5mo_SIGAD9_GGGTCTGAGCGATTCT-1-10x	0.05047882	0.12965184	0.00014746
5mo_SIGAD9_GGGTCTGAGGGTTAGC-1-10x	0.03737439	0.08299295	6.07E-05
5mo_SIGAD9_GGGTGAAGTAGCGCCT-1-10x	0.09580992	0.29105508	0.0043808
5mo_SIGAD9_GGGTGTCTAGTGCGA-1-10x	0.05160638	0.13366656	0.00016076
5mo_SIGAD9_GGGTTATAGTTTGAGA-1-10x	0.19474736	0.6433259	0.0012624
5mo_SIGAD9_GGTCACGAGGATTTAG-1-10x	0.09333281	0.28223523	0.0044107
5mo_SIGAD9_GGTGTTCGGTCAAGGCA-1-10x	0.01557268	0.00536706	3.33E-05
5mo_SIGAD9_GGTGTTCGGTCGTTTCC-1-10x	0.12551239	0.39681196	0.0020515
5mo_SIGAD9_GGTTAACACAAATAG-1-10x	0.2469427	0.82916963	0.0008292
5mo_SIGAD9_GGTTAACTCATACGAC-1-10x	0.07981518	0.23410514	0.0027593
5mo_SIGAD9_GTAACACAGCTTTGTG-1-10x	0.03428061	0.07197744	5.37E-05

5mo_SIGAD9_GTAACCAAGCGAGTCA-1-10x	0.17215665	0.56289077	0.0016256
5mo_SIGAD9_GTAAGTCCAGCTTCGG-1-10x	0.04420707	0.10732099	8.81E-05
5mo_SIGAD9_GTAAGTCTCCTTGACC-1-10x	0.2668034	0.8998845	0.00075831
5mo_SIGAD9_GTAATGCTCTGGTGCG-1-10x	0.25503525	0.85798347	0.00078825
5mo_SIGAD9_GTACAGTAGAGTCAAT-1-10x	0.01626913	0.00784681	3.33E-05
5mo_SIGAD9_GTAGGTTAGTATTCCG-1-10x	0.21992598	0.7329755	0.0010253
5mo_SIGAD9_GTATTGGCAGTCCCGA-1-10x	0.10694457	0.33070046	0.0034182
5mo_SIGAD9_GTCAGCGAGTCTAGCT-1-10x	0.07639952	0.22194356	0.0020486
5mo_SIGAD9_GTCAGCGTCGAGTCTA-1-10x	0.22830865	0.7628223	0.00095947
5mo_SIGAD9_GTCAGCGTCGGTGAAG-1-10x	0.02492232	0.03865683	4.00E-05
5mo_SIGAD9_GTCATCCCAACAACAA-1-10x	0.07922046	0.23198763	0.002576
5mo_SIGAD9_GTCATCCTCTCACCCA-1-10x	0.04654927	0.11566049	0.00010777
5mo_SIGAD9_GTCATGACACCGCTGA-1-10x	0.08124176	0.23918453	0.0031253
5mo_SIGAD9_GTCATTTAGCAAACAT-1-10x	0.02031979	0.02226934	3.62E-05
5mo_SIGAD9_GTCATTTAGCAGAAAG-1-10x	0.2702442	0.9121356	0.00075418
5mo_SIGAD9_GTCCACTAGCTCCATA-1-10x	0.0618622	0.17018284	0.00047505
5mo_SIGAD9_GTCGCGAAGCACGATG-1-10x	0.10537536	0.32511324	0.0036214
5mo_SIGAD9_GTCGTTCAGGTAGTAT-1-10x	0.20383991	0.67570037	0.0011608
5mo_SIGAD9_GTCGTTCTGTGTCC-1-10x	0.2704424	0.91284126	0.00075418
5mo_SIGAD9_GTCTAGAAGTAGGATT-1-10x	0.1306167	0.41498604	0.001948
5mo_SIGAD9_GTCTAGACACGCGCAT-1-10x	0.03746222	0.08330568	6.07E-05
5mo_SIGAD9_GTCTAGAGTGCCACG-1-10x	0.02025669	0.02204468	3.62E-05
5mo_SIGAD9_GTCTAGATCCCTTGGT-1-10x	0.09880289	0.3017117	0.0042345
5mo_SIGAD9_GTCTGTCAGAATACAC-1-10x	0.23147708	0.77410364	0.00093779
5mo_SIGAD9_GTCTGTCGTTCTACC-1-10x	0.03723661	0.08250238	6.07E-05
5mo_SIGAD9_GTGAGGAAGCCTCTGG-1-10x	0.08529241	0.25360703	0.0037839
5mo_SIGAD9_GTGAGGACAACAACAA-1-10x	0.18710616	0.61611915	0.0013662
5mo_SIGAD9_GTGCAGCTCCAGCTCT-1-10x	0.0216185	0.02689346	3.69E-05
5mo_SIGAD9_GTGCGTGGTGTGTGTT-1-10x	0.02694035	0.0458421	4.19E-05
5mo_SIGAD9_GTGCTTCAGCCTCTTC-1-10x	0.2252171	0.7518147	0.00098137
5mo_SIGAD9_GTGGAAGGTCAACCTA-1-10x	0.10884148	0.3374545	0.0032165
5mo_SIGAD9_GTGGAAGTCCATCACC-1-10x	0.07848145	0.22935635	0.002576
5mo_SIGAD9_GTGGAGAGTGTCTTGA-1-10x	0.08871687	0.2658	0.0041422
5mo_SIGAD9_GTGGGAAGTATGAGGC-1-10x	0.08988106	0.2699451	0.0042999
5mo_SIGAD9_GTGTAACAGTGGATTA-1-10x	0.04420462	0.10731228	8.81E-05
5mo_SIGAD9_GTGTCCTGTTGCACT-1-10x	0.05903876	0.16012986	0.00034795
5mo_SIGAD9_GTGTTAGAGTAGCAAT-1-10x	0.25213632	0.84766173	0.00080467
5mo_SIGAD9_GTGTTAGGTGCGAACA-1-10x	0.16490287	0.53706336	0.0017353
5mo_SIGAD9_GTTACAGAGTTAGTGA-1-10x	0.28232333	0.9551438	0.00075462
5mo_SIGAD9_GTTATGGAGGTAAACT-1-10x	0.08820211	0.26396716	0.0041422
5mo_SIGAD9_GTTCATTTCTTTCGAT-1-10x	0.03645576	0.07972214	5.82E-05

5mo_SIGAD9_GTTGCTCAGGTCCAGA-1-10x	0.02321151	0.03256543	3.83E-05
5mo_SIGAD9_GTTGCTCCACAAGCAG-1-10x	0.10691365	0.33059037	0.0034182
5mo_SIGAD9_GTTTACTCAGCAAGAC-1-10x	0.03361687	0.06961417	5.17E-05
5mo_SIGAD9_TAACACGAGGCATGGT-1-10x	0.02773461	0.04867011	4.30E-05
5mo_SIGAD9_TAAGTCGCAAGCGAAC-1-10x	0.04803201	0.12093987	0.00011598
5mo_SIGAD9_TAAGTCGTCAAGTGTC-1-10x	0.07565376	0.21928826	0.0020486
5mo_SIGAD9_TACAACGTCTCGCTTG-1-10x	0.07906903	0.23144846	0.002576
5mo_SIGAD9_TACAGGTTCAAGTCGT-1-10x	0.06604686	0.18508248	0.00072102
5mo_SIGAD9_TACATTCAGCCTTCTC-1-10x	0.03201289	0.06390311	4.83E-05
5mo_SIGAD9_TACATTCAGTCTTGGT-1-10x	0.2645791	0.89196473	0.00076135
5mo_SIGAD9_TACCTGCAGCTTCATG-1-10x	0.03205114	0.0640393	4.83E-05
5mo_SIGAD9_TACCTGCAGGGAACAA-1-10x	0.08752432	0.26155385	0.0040384
5mo_SIGAD9_TACCTGCAGTGATAGT-1-10x	0.01544492	0.00491217	3.27E-05
5mo_SIGAD9_TACGCTCTGTGCGTC-1-10x	0.03122648	0.06110308	4.68E-05
5mo_SIGAD9_TACGGGCAGGCACAAC-1-10x	0.08885502	0.2662919	0.0042295
5mo_SIGAD9_TACGGTATCGACTCCT-1-10x	0.27833506	0.9409434	0.00075239
5mo_SIGAD9_TACGTCCAGTGGACGT-1-10x	0.2714577	0.9164563	0.00075352
5mo_SIGAD9_TACGTCCCACCAGCCA-1-10x	0.02439626	0.03678378	3.91E-05
5mo_SIGAD9_TACGTCTCGTCGACG-1-10x	0.19240418	0.63498294	0.0012861
5mo_SIGAD9_TACTTACAGTTGGACG-1-10x	0.0339129	0.07066818	5.17E-05
5mo_SIGAD9_TAGACCAGTAGGTACG-1-10x	0.16764063	0.5468113	0.0017056
5mo_SIGAD9_TAGATCGCATCCTTCG-1-10x	0.07982469	0.23413903	0.0027593
5mo_SIGAD9_TAGCACAGTTTACCTT-1-10x	0.1579433	0.5122835	0.0018302
5mo_SIGAD9_TAGGGTTTTCGCTACAA-1-10x	0.02148209	0.02640777	3.69E-05
5mo_SIGAD9_TAGGTTGCAGTTGAAA-1-10x	0.23883358	0.8002967	0.00088278
5mo_SIGAD9_TATCAGGAGCGTCAAG-1-10x	0.02088549	0.02428353	3.62E-05
5mo_SIGAD9_TATCGCCAGTGCCGAA-1-10x	0.20332101	0.67385274	0.0011699
5mo_SIGAD9_TATCTTGCAGCGTTGC-1-10x	0.04760178	0.119408	0.00011598
5mo_SIGAD9_TATTGGGAGCTGAAAT-1-10x	0.29130083	0.9871086	0.00076269
5mo_SIGAD9_TATTGGGAGCTTCGTA-1-10x	0.23962416	0.8031116	0.00087632
5mo_SIGAD9_TATTGGGAGTAAACTG-1-10x	0.04195212	0.09929214	7.82E-05
5mo_SIGAD9_TATTTCCGGTAAGTTGA-1-10x	0.05628213	0.15031476	0.000257
5mo_SIGAD9_TCAAGACTCTACCAGA-1-10x	0.1959527	0.6476176	0.00124
5mo_SIGAD9_TCAATCTAGCAGCCTC-1-10x	0.05542327	0.14725675	0.000233
5mo_SIGAD9_TCAATTCAGGAGGGTG-1-10x	0.05724116	0.15372944	0.00028394
5mo_SIGAD9_TCACATTAGGTCCTGC-1-10x	0.01684365	0.00989241	3.38E-05
5mo_SIGAD9_TCACGGGTCCTTCAGC-1-10x	0.22469063	0.7499402	0.00098869
5mo_SIGAD9_TCACTATCATGCCGGT-1-10x	0.04301817	0.10308788	8.29E-05
5mo_SIGAD9_TCACTCGTCACTGCTC-1-10x	0.04612007	0.11413232	0.00010046
5mo_SIGAD9_TCACTCGTCCGCAACG-1-10x	0.03915951	0.08934894	6.67E-05
5mo_SIGAD9_TCACTCGTCTGTGCTC-1-10x	0.01877581	0.01677192	3.49E-05

5mo_SIGAD9_TCAGGTAGTCCTGGGT-1-10x	0.03877236	0.08797049	6.36E-05
5mo_SIGAD9_TCAGTCCAGACTTAAG-1-10x	0.0474679	0.1189313	0.00011598
5mo_SIGAD9_TCAGTCCGTCCGGTGT-1-10x	0.13424365	0.4279	0.0019027
5mo_SIGAD9_TCATACTAGGCCACTC-1-10x	0.09010971	0.27075922	0.0042999
5mo_SIGAD9_TCATGCCCAAGCCTGC-1-10x	0.2780609	0.93996733	0.00075239
5mo_SIGAD9_TCATGGACAGTGTACT-1-10x	0.07067269	0.20155296	0.0011935
5mo_SIGAD9_TCATGGACATAGATGA-1-10x	0.11212932	0.349161	0.002929
5mo_SIGAD9_TCATTACGTAGTCGGA-1-10x	0.20141876	0.66707975	0.0011888
5mo_SIGAD9_TCATTCATCGGTCAGC-1-10x	0.08515962	0.25313422	0.0037839
5mo_SIGAD9_TCATTGTAGATTAGCA-1-10x	0.23443079	0.78462046	0.00090964
5mo_SIGAD9_TCATTGTCAACAGAGC-1-10x	0.08862319	0.26546642	0.0041422
5mo_SIGAD9_TCATTTGAGCGGTATG-1-10x	0.25581145	0.86074716	0.00078825
5mo_SIGAD9_TCCACCATCTGGTCAA-1-10x	0.02413941	0.03586926	3.91E-05
5mo_SIGAD9_TCCACGTTCTACCAC-1-10x	0.27495265	0.9289002	0.00075218
5mo_SIGAD9_TCCCAGTTCCCGATCT-1-10x	0.27569798	0.93155396	0.00075214
5mo_SIGAD9_TCCGAAAGTGGACCTC-1-10x	0.0535559	0.14060788	0.00019264
5mo_SIGAD9_TCCTCCCGTGATACAA-1-10x	0.04125825	0.09682158	7.40E-05
5mo_SIGAD9_TCCTCGAGTTCTTCAT-1-10x	0.03225099	0.06475087	4.83E-05
5mo_SIGAD9_TCCTTCTCATCGCTAA-1-10x	0.02083137	0.02409085	3.62E-05
5mo_SIGAD9_TCGAAGTAGCGCACAA-1-10x	0.02461004	0.03754494	3.91E-05
5mo_SIGAD9_TCGACCTGTTAGCTAC-1-10x	0.23302402	0.7796116	0.00092358
5mo_SIGAD9_TCGCACTAGAACTCA-1-10x	0.1641559	0.53440374	0.0017494
5mo_SIGAD9_TCGCTTGACAGAGTGAC-1-10x	0.12346799	0.3895328	0.0021479
5mo_SIGAD9_TCGCTTGTCAGCTTCC-1-10x	0.02290348	0.03146866	3.76E-05
5mo_SIGAD9_TCGGGACCACCGGCTA-1-10x	0.08790542	0.26291078	0.0041422
5mo_SIGAD9_TCTATCACATAGGAGC-1-10x	0.08990461	0.270029	0.0042999
5mo_SIGAD9_TCTCAGCCACTTTAGG-1-10x	0.0360367	0.07823005	5.58E-05
5mo_SIGAD9_TCTCAGCTCCTCTCGA-1-10x	0.04281947	0.10238039	8.29E-05
5mo_SIGAD9_TCTGCCATCTGCAGCG-1-10x	0.08812693	0.26369947	0.0041422
5mo_SIGAD9_TCTGGCTAGAGTAACT-1-10x	0.13354671	0.4254185	0.0019115
5mo_SIGAD9_TCTGTGAGAGTAACT-1-10x	0.01859746	0.01613692	3.49E-05
5mo_SIGAD9_TCTGTGCGTTGGGCCT-1-10x	0.01863951	0.01628663	3.49E-05
5mo_SIGAD9_TCTTAGTAGAGATCGC-1-10x	0.15332375	0.49583548	0.0018617
5mo_SIGAD9_TCTTAGTGTTCTCTAT-1-10x	0.14192232	0.45524022	0.0018724
5mo_SIGAD9_TCTTGCGAGGCTCACC-1-10x	0.21414906	0.71240646	0.0010701
5mo_SIGAD9_TCTTTGAAGGATGAGA-1-10x	0.23494427	0.7864487	0.00090964
5mo_SIGAD9_TGAACGTTGACGATT-1-10x	0.06480461	0.18065941	0.00064991
5mo_SIGAD9_TGAATGCGTTAACAGA-1-10x	0.11529852	0.36044508	0.002594
5mo_SIGAD9_TGAATGCTCGGCTGGT-1-10x	0.05958469	0.16207367	0.00034795
5mo_SIGAD9_TGACCCTTCTGACGCG-1-10x	0.028672	0.05200773	4.42E-05
5mo_SIGAD9_TGACGCGGTAGACACG-1-10x	0.08389004	0.24861385	0.0034742

5mo_SIGAD9_TGACTCCCAAGTGGGT-1-10x	0.01793772	0.01378789	3.44E-05
5mo_SIGAD9_TGAGGGAAGAACGCGT-1-10x	0.01895777	0.0174198	3.49E-05
5mo_SIGAD9_TGAGGGATCGCTTTAT-1-10x	0.08221054	0.24263394	0.0033032
5mo_SIGAD9_TGAGGTTGTCGCCACA-1-10x	0.05390197	0.14184012	0.00019264
5mo_SIGAD9_TGAGTCACAGGAGGTT-1-10x	0.04076822	0.09507683	7.01E-05
5mo_SIGAD9_TGATGGTTCAGCGGAA-1-10x	0.07328928	0.2108694	0.0015819
5mo_SIGAD9_TGCACGGGTCTCACC-1-10x	0.12905563	0.40942785	0.0019821
5mo_SIGAD9_TGCAGATCAAGCGAAC-1-10x	0.02209783	0.02860012	3.76E-05
5mo_SIGAD9_TGCAGATGTCATCACA-1-10x	0.07927361	0.23217687	0.002576
5mo_SIGAD9_TGCAGATGTTAATGAG-1-10x	0.20806345	0.69073844	0.0011177
5mo_SIGAD9_TGCAGGCGTAGCACAG-1-10x	0.01514689	0.00385102	3.27E-05
5mo_SIGAD9_TGCATCCCACCAGCTG-1-10x	0.04367158	0.10541435	8.81E-05
5mo_SIGAD9_TGCATCCTCTACCCA-1-10x	0.04328295	0.10403062	8.29E-05
5mo_SIGAD9_TGCGGGTGTAACGCGA-1-10x	0.02943221	0.05471449	4.42E-05
5mo_SIGAD9_TGCGGGTTCATTACTC-1-10x	0.25955272	0.8740681	0.00077499
5mo_SIGAD9_TGCTCCAAGGCTATCT-1-10x	0.2472508	0.8302666	0.0008292
5mo_SIGAD9_TGCTCGTTCCTCTTTC-1-10x	0.11719359	0.36719254	0.002453
5mo_SIGAD9_TGGAGAGTCTTGAACG-1-10x	0.22670883	0.7571261	0.00097406
5mo_SIGAD9_TGGAGGACAGGATCTT-1-10x	0.10969511	0.3404939	0.0031181
5mo_SIGAD9_TGGATGTAGCCTGCCA-1-10x	0.02067742	0.0235427	3.62E-05
5mo_SIGAD9_TGGATGTTCGGTCTAA-1-10x	0.16458221	0.53592163	0.0017494
5mo_SIGAD9_TGGGAAGAGTCAGCCC-1-10x	0.08584895	0.25558865	0.0037839
5mo_SIGAD9_TGGGATTAGAGCCGAT-1-10x	0.06360984	0.17640537	0.00058553
5mo_SIGAD9_TGGGATTTACCGGGT-1-10x	0.12394048	0.3912151	0.0021124
5mo_SIGAD9_TGGGCGTAGAGAACCC-1-10x	0.14828916	0.4779096	0.0018713
5mo_SIGAD9_TGGGCGTAGAGCCAT-1-10x	0.03363098	0.0696644	5.17E-05
5mo_SIGAD9_TGGGCGTTCATCGTAG-1-10x	0.03319057	0.06809628	5.00E-05
5mo_SIGAD9_TGGGTTAAGGGAGATA-1-10x	0.03489998	0.07418272	5.37E-05
5mo_SIGAD9_TGGGTTATCCGTAATG-1-10x	0.02584221	0.04193215	4.09E-05
5mo_SIGAD9_TGGGTTATCGATTTCT-1-10x	0.08103933	0.23846379	0.0029431
5mo_SIGAD9_TGGTAGTTCCCAGGCA-1-10x	0.01823034	0.01482975	3.44E-05
5mo_SIGAD9_TGGTGATGTGCCTATA-1-10x	0.04053681	0.0942529	7.01E-05
5mo_SIGAD9_TGGTGATTCTGTAGA-1-10x	0.17665447	0.57890546	0.0015416
5mo_SIGAD9_TGGTTAGCAAATACAG-1-10x	0.28574196	0.967316	0.00075686
5mo_SIGAD9_TGTAACGAGGTAAGAG-1-10x	0.09167943	0.27634832	0.0043903
5mo_SIGAD9_TGTAAGCTCAAGGACG-1-10x	0.06521511	0.18212101	0.00064991
5mo_SIGAD9_TGTACAGAGCCAAGCA-1-10x	0.04362509	0.10524885	8.29E-05
5mo_SIGAD9_TGTGCGGGTGAICTCGC-1-10x	0.06929749	0.19665647	0.0010821
5mo_SIGAD9_TGTGGCGAGCAACAAT-1-10x	0.25361484	0.8529261	0.00079608
5mo_SIGAD9_TGTGGCGCAATCCTTT-1-10x	0.15899521	0.51602894	0.0018209
5mo_SIGAD9_TGTGTGAAGCCTATCA-1-10x	0.02272194	0.0308223	3.76E-05

5mo_SIGAD9_TGTTACTAGACGTCCC-1-10x	0.07426282	0.21433575	0.0017292
5mo_SIGAD9_TGTTTCATAGAAGCTGC-1-10x	0.25589988	0.861062	0.00078825
5mo_SIGAD9_TGTTCCGTCAGAGCGA-1-10x	0.09738048	0.29664713	0.0042943
5mo_SIGAD9_TGTTGAGAGGCTTAAA-1-10x	0.05007027	0.12819718	0.00013566
5mo_SIGAD9_TGTTTGTCAGGTGGAT-1-10x	0.14288206	0.4586574	0.0018718
5mo_SIGAD9_TGTTTGTCAGGTGGAT-1-10x	0.11605217	0.36312845	0.0025211
5mo_SIGAD9_TTACAGGGTCCAGTTA-1-10x	0.20937748	0.6954171	0.0011095
5mo_SIGAD9_TTACCGCTCATGAGGG-1-10x	0.07657147	0.22255579	0.0022191
5mo_SIGAD9_TTACGTTCACTGTATC-1-10x	0.02718688	0.04671989	4.19E-05
5mo_SIGAD9_TTACCGTCACTGTCC-1-10x	0.15422042	0.4990281	0.0018575
5mo_SIGAD9_TTCATTGAGGAAAGAC-1-10x	0.06021658	0.16432354	0.00038577
5mo_SIGAD9_TTCCAATTCTCCTAA-1-10x	0.06809016	0.19235775	0.00097948
5mo_SIGAD9_TTCCGGTAGGTGAGAA-1-10x	0.04370672	0.10553949	8.81E-05
5mo_SIGAD9_TTCCTTCGTGGATGAC-1-10x	0.01635101	0.00813832	3.33E-05
5mo_SIGAD9_TTCGATTGTAAGATAC-1-10x	0.06554173	0.18328395	0.00072102
5mo_SIGAD9_TTCGCTGAGCATCCTA-1-10x	0.11266899	0.3510825	0.0028393
5mo_SIGAD9_TTCTCTCTTTGAGCA-1-10x	0.09504084	0.28831676	0.0044051
5mo_SIGAD9_TTCTTCCTCATGACAC-1-10x	0.04606507	0.1139365	0.00010046
5mo_SIGAD9_TTCTTGAAGCATACTC-1-10x	0.10655271	0.32930523	0.00352
5mo_SIGAD9_TTCTTGACAATGACCT-1-10x	0.26347	0.88801575	0.00076313
5mo_SIGAD9_TTGAGTGGTGCACGCT-1-10x	0.04204147	0.09961028	7.82E-05
5mo_SIGAD9_TTGCCTGAGAGTGAAG-1-10x	0.04317583	0.10364923	8.29E-05
5mo_SIGAD9_TTGCCTGAGAGTGAAG-1-10x	0.02118275	0.02534195	3.69E-05
5mo_SIGAD9_TTGCTGCGTGTCCGGT-1-10x	0.08389974	0.2486484	0.0034742
5mo_SIGAD9_TTGGGATTCGCCTATC-1-10x	0.25963667	0.874367	0.00077499
5mo_SIGAD9_TTGGGTACACGCAAAG-1-10x	0.03010634	0.05711477	4.55E-05
5mo_SIGAD9_TTGTGTTACAGCGCT-1-10x	0.03912234	0.08921661	6.67E-05
5mo_SIGAD9_TTGTGTTGTGTCCGGT-1-10x	0.04960277	0.12653261	0.00013566
5mo_SIGAD9_TTGTTCAGTCGATGCC-1-10x	0.05668652	0.15175462	0.000257
5mo_SIGAD9_TTGTGTTAGGTTGACG-1-10x	0.04126008	0.09682811	7.40E-05
5mo_SIGAD9_TTGTGTTACAGCATTG-1-10x	0.07864918	0.22995356	0.002576
5mo_SIGAD9_TTGTGTTGAGGGAGGTG-1-10x	0.18031602	0.59194255	0.001475
5mo_SIGAD9_TTTACTGTCCCTAGGG-1-10x	0.06922099	0.1963841	0.0010821
5mo_SIGAD9_TTTAGTCAGCCGCTTG-1-10x	0.20583476	0.6828031	0.001143
5mo_SIGAD9_TTTCAGTCACTGGCGT-1-10x	0.04451909	0.10843196	8.81E-05
5mo_SIGAD9_TTTGACTGTTACCCTC-1-10x	0.02843851	0.05117637	4.30E-05
5mo_SIGAD9_TTTGACTTCACACCCT-1-10x	0.04895953	0.12424234	0.00012523
5mo_SIGAD9_TTTGACTTCACGATCA-1-10x	0.22216465	0.7409463	0.0010033
5mo_SIGAD9_TTTGATCAGGACATCG-1-10x	0.02350769	0.03362	3.83E-05
5mo_SIGAD9_TTTGGTTCACTAGTGG-1-10x	0.03690964	0.08133818	5.82E-05
5mo_SIGAD9_AAACCCACAAATGAGT-1-10x	0.02033008	0.02230598	3.62E-05

5mo_SIGAD9_AAACGAACATACCACA-1-10x	0.01770403	0.01295582	3.44E-05
5mo_SIGAD9_AAAGAACGTGTGCCTG-1-10x	0.02118977	0.02536693	3.69E-05
5mo_SIGAD9_AAAGGATAGCCTTTCC-1-10x	0.01808776	0.01432209	3.44E-05
5mo_SIGAD9_AAAGGGCAGTAATCCC-1-10x	0.08949364	0.2685657	0.0042295
5mo_SIGAD9_AAAGGTACAAATTGCC-1-10x	0.04324865	0.10390852	8.29E-05
5mo_SIGAD9_AAATGGAAGTGCAAAT-1-10x	0.1610272	0.5232639	0.0018
5mo_SIGAD9_AACAAAGCATTGTAGC-1-10x	0.24577193	0.82500106	0.00083459
5mo_SIGAD9_AACAAAGGTGTGCCTG-1-10x	0.01673226	0.00949579	3.38E-05
5mo_SIGAD9_AACAACCAGAACGTGC-1-10x	0.09054005	0.2722915	0.0042999
5mo_SIGAD9_AACAACCCACGGATCC-1-10x	0.02023837	0.02197945	3.62E-05
5mo_SIGAD9_AACAACCCATCCAACA-1-10x	0.18779612	0.61857575	0.0013519
5mo_SIGAD9_AACACACAGTTTCGAC-1-10x	0.0379196	0.08493418	6.07E-05
5mo_SIGAD9_AACCAACCAACCTATG-1-10x	0.0163544	0.00815042	3.33E-05
5mo_SIGAD9_AACGGGAAGTTGTCAC-1-10x	0.01538269	0.00469059	3.27E-05
5mo_SIGAD9_AACGTCACAAAGAGTT-1-10x	0.2852751	0.9656537	0.00075686
5mo_SIGAD9_AAGACTCAGTGCTAGG-1-10x	0.15700333	0.50893676	0.0018385
5mo_SIGAD9_AAGATAGAGACTGAGC-1-10x	0.04465465	0.10891464	9.39E-05
5mo_SIGAD9_AAGATAGAGGATTTAG-1-10x	0.0417272	0.09849132	7.40E-05
5mo_SIGAD9_AAGATAGTCTGGCCAG-1-10x	0.03349916	0.06919503	5.17E-05
5mo_SIGAD9_AAGCGTTAGGCAATGC-1-10x	0.03292761	0.06716001	5.00E-05
5mo_SIGAD9_AATCGACCACACCAGC-1-10x	0.05622395	0.1501076	0.000257
5mo_SIGAD9_AATGCCAAGAAGTATC-1-10x	0.24664296	0.8281024	0.0008292
5mo_SIGAD9_AATGCCAGTGATACAA-1-10x	0.12659563	0.4006689	0.0020256
5mo_SIGAD9_AATGGCTAGATCGCTT-1-10x	0.0434316	0.10455988	8.29E-05
5mo_SIGAD9_AATGGCTCAGTCACGC-1-10x	0.06295555	0.17407575	0.00052741
5mo_SIGAD9_ACAACCAGTCGCACGT-1-10x	0.046568	0.11572717	0.00010777
5mo_SIGAD9_ACAAGCTTCATCGGGC-1-10x	0.02203805	0.02838727	3.69E-05
5mo_SIGAD9_ACACAGTTCCTCTAG-1-10x	0.05413945	0.14268567	0.00021164
5mo_SIGAD9_ACACCAAGTAGACTGG-1-10x	0.2248227	0.75041044	0.00098869
5mo_SIGAD9_ACACCAATCGTTACCC-1-10x	0.02002251	0.02121088	3.55E-05
5mo_SIGAD9_ACACGCGAGGACAGCT-1-10x	0.2880454	0.9755175	0.0007596
5mo_SIGAD9_ACACGCGGTTCTCACC-1-10x	0.05801358	0.15647964	0.00031414
5mo_SIGAD9_ACAGCCGAGGATGAGA-1-10x	0.10850632	0.33626115	0.0032165
5mo_SIGAD9_ACATCCCAGAGCAACC-1-10x	0.12354697	0.38981402	0.0021124
5mo_SIGAD9_ACCAAACAGACGGAAA-1-10x	0.06807694	0.19231066	0.00097948
5mo_SIGAD9_ACCAACACATGCCGAC-1-10x	0.01513359	0.00380365	3.27E-05
5mo_SIGAD9_ACCACAACACTCCCTA-1-10x	0.05150319	0.13329916	0.00016076
5mo_SIGAD9_ACCACAAGTTCCTTGC-1-10x	0.20034795	0.6632671	0.0011985
5mo_SIGAD9_ACCATTTGTGCGGTT-1-10x	0.04878156	0.12360864	0.00012523
5mo_SIGAD9_ACCATTTGTCTTAGTG-1-10x	0.09314372	0.28156197	0.0044107
5mo_SIGAD9_ACCCAAAGGAGAGGC-1-10x	0.28012055	0.94730073	0.00075303

5mo_SIGAD9_ACCCTCAAGCGTGTCC-1-10x	0.05021022	0.12869547	0.00013566
5mo_SIGAD9_ACCCTCACACAAATAG-1-10x	0.16373536	0.5329064	0.001763
5mo_SIGAD9_ACCGTTCTCTGGAAGG-1-10x	0.2772648	0.9371327	0.00075222
5mo_SIGAD9_ACCTACCTCCAACCGG-1-10x	0.09044146	0.27194047	0.0042999
5mo_SIGAD9_ACGATCAGTACCCAGC-1-10x	0.03049379	0.05849429	4.55E-05
5mo_SIGAD9_ACGCACGCAGCATCTA-1-10x	0.24141037	0.80947155	0.00086374
5mo_SIGAD9_ACGCACGCAGCTTTGA-1-10x	0.04535953	0.11142439	9.39E-05
5mo_SIGAD9_ACGGGTCAGTGAGTTA-1-10x	0.02861809	0.05181578	4.30E-05
5mo_SIGAD9_ACGGGTCGTAAGGCTG-1-10x	0.10186251	0.3126056	0.0040036
5mo_SIGAD9_ACGTAACCAACTTCTT-1-10x	0.15506005	0.5020176	0.0018522
5mo_SIGAD9_ACTATGGGTAGGATAT-1-10x	0.08322514	0.24624644	0.0034742
5mo_SIGAD9_ACTGATGCACACGGTC-1-10x	0.25313097	0.8512032	0.00079608
5mo_SIGAD9_ACTTAGGAGCGCTGCT-1-10x	0.03675918	0.08080249	5.82E-05
5mo_SIGAD9_ACTTATCAGTAGTCAA-1-10x	0.06144593	0.16870067	0.00042799
5mo_SIGAD9_ACTTATCGTAAGACCG-1-10x	0.2672531	0.9014856	0.00075705
5mo_SIGAD9_ACTTATCGTCAGCGTC-1-10x	0.07427296	0.21437186	0.0017292
5mo_SIGAD9_AGAAATGGTATCAGGG-1-10x	0.09444476	0.28619438	0.0044051
5mo_SIGAD9_AGAAGCGAGATACGAT-1-10x	0.01690079	0.01009585	3.38E-05
5mo_SIGAD9_AGAAGTACAATAGTAG-1-10x	0.01526017	0.00425435	3.27E-05
5mo_SIGAD9_AGACCATAGCTAGAGC-1-10x	0.27916497	0.9438983	0.00075266
5mo_SIGAD9_AGACCATGTCAGACGA-1-10x	0.01507297	0.00358781	3.27E-05
5mo_SIGAD9_AGATAGAGTTTCAGAC-1-10x	0.2621366	0.8832682	0.00076727
5mo_SIGAD9_AGATCGTAGCATGCAG-1-10x	0.03061064	0.05891033	4.68E-05
5mo_SIGAD9_AGATCGTGTTGGCTA-1-10x	0.27078354	0.91405594	0.00075418
5mo_SIGAD9_AGCCACGCAGCACCCA-1-10x	0.05981021	0.16287662	0.00038577
5mo_SIGAD9_AGCGCCATCCTTATAC-1-10x	0.25968355	0.87453395	0.00077499
5mo_SIGAD9_AGCGTATGTCCCAAAT-1-10x	0.03781748	0.0845706	6.07E-05
5mo_SIGAD9_AGGAAATAGACCAAGC-1-10x	0.03006561	0.05696975	4.55E-05
5mo_SIGAD9_AGGAAATAGTAAGCAT-1-10x	0.05048013	0.1296565	0.00014746
5mo_SIGAD9_AGGACGAAGACCAAGC-1-10x	0.03101118	0.06033649	4.68E-05
5mo_SIGAD9_AGGACTTGTCGATTCA-1-10x	0.265539	0.89538246	0.00075974
5mo_SIGAD9_AGGATAAGTGTCTCCT-1-10x	0.05138661	0.13288404	0.00016076
5mo_SIGAD9_AGGGTTTTCCCTCAAC-1-10x	0.22394925	0.7473005	0.00099599
5mo_SIGAD9_AGGTTGTTCAAAGCCT-1-10x	0.01756146	0.0124482	3.44E-05
5mo_SIGAD9_AGTAACCCACGTAGAG-1-10x	0.03644157	0.07967162	5.82E-05
5mo_SIGAD9_AGTAGCTGTTGGAGAC-1-10x	0.04532631	0.11130609	9.39E-05
5mo_SIGAD9_AGTAGTCCATGTGGTT-1-10x	0.02694925	0.04587381	4.19E-05
5mo_SIGAD9_AGTCACAGTCCGACGT-1-10x	0.1644346	0.5353961	0.0017494
5mo_SIGAD9_AGTGCCGCAAGCGAAC-1-10x	0.08857164	0.26528287	0.0041422
5mo_SIGAD9_AGTGCCGGTGCCAGT-1-10x	0.24569558	0.8247292	0.00083459
5mo_SIGAD9_AGTGTTGAGCGTCTGC-1-10x	0.06482849	0.18074444	0.00064991

5mo_SIGAD9_AGTTAGCCAATTAGGA-1-10x	0.17021622	0.55598176	0.0016584
5mo_SIGAD9_AGTTCCCGTTGGGTTT-1-10x	0.08127685	0.23930949	0.0031253
5mo_SIGAD9_ATACCGACAGACGCTC-1-10x	0.04745536	0.11888667	0.00011598
5mo_SIGAD9_ATACCTTAGGTAAGTT-1-10x	0.06071541	0.16609964	0.00042799
5mo_SIGAD9_ATACCTTGACTTGTG-1-10x	0.02351691	0.03365283	3.83E-05
5mo_SIGAD9_ATCACGATCTCGCGTT-1-10x	0.19598167	0.64772075	0.00124
5mo_SIGAD9_ATCCACCCACTTGAAC-1-10x	0.03498363	0.07448056	5.37E-05
5mo_SIGAD9_ATCCATTCACTACTTT-1-10x	0.02014545	0.02164861	3.55E-05
5mo_SIGAD9_ATCCATTTCGCTGACG-1-10x	0.0382593	0.08614372	6.36E-05
5mo_SIGAD9_ATCCCTGAGACCTTTG-1-10x	0.2539466	0.8541073	0.00079608
5mo_SIGAD9_ATCGATGTCCTAAGTG-1-10x	0.08742075	0.2611851	0.0040384
5mo_SIGAD9_ATCGTGACATGCCGGT-1-10x	0.0761124	0.22092128	0.0020486
5mo_SIGAD9_ATCTCTATCCGATCTC-1-10x	0.06900309	0.19560827	0.00097948
5mo_SIGAD9_ATGACCAGTTTACTGG-1-10x	0.24743052	0.8309065	0.0008292
5mo_SIGAD9_ATGAGGGCATGACTCA-1-10x	0.02624426	0.04336368	4.09E-05
5mo_SIGAD9_ATGCATGAGTCTTCGA-1-10x	0.03427893	0.07197142	5.37E-05
5mo_SIGAD9_ATGCATGTCTGGGATT-1-10x	0.04351394	0.10485308	8.29E-05
5mo_SIGAD9_ATGCCTCGTAGCACAG-1-10x	0.01770545	0.01296087	3.44E-05
5mo_SIGAD9_ATGGGAGAGAGGTCAC-1-10x	0.02963881	0.05545009	4.55E-05
5mo_SIGAD9_ATGTCTTAGGGACCAT-1-10x	0.04282834	0.10241197	8.29E-05
5mo_SIGAD9_ATGTCTTCAGACCTGC-1-10x	0.0219079	0.02792389	3.69E-05
5mo_SIGAD9_ATTATCCAGGTTATC-1-10x	0.1982607	0.65583533	0.0012187
5mo_SIGAD9_ATTATCCGTTAGAAGT-1-10x	0.2677093	0.90311	0.00075705
5mo_SIGAD9_ATTCCATGTAACGCGA-1-10x	0.07942	0.2326981	0.0027593
5mo_SIGAD9_ATTCCCGTCTTCGTGC-1-10x	0.05017648	0.12857535	0.00013566
5mo_SIGAD9_ATTCTACCAGTAGATA-1-10x	0.08680812	0.2590038	0.0039187
5mo_SIGAD9_ATTTACCAGCATTTGC-1-10x	0.09556785	0.2901932	0.0043808
5mo_SIGAD9_ATTTACCGTACAGCGA-1-10x	0.02407805	0.03565078	3.91E-05
5mo_SIGAD9_ATTTCACTCTCAGGCG-1-10x	0.04862883	0.12306485	0.00012523
5mo_SIGAD9_ATTTCTGCACAGCTTA-1-10x	0.09038241	0.27173018	0.0042999
5mo_SIGAD9_CAAGACTAGAGCATTA-1-10x	0.04471503	0.10912961	9.39E-05
5mo_SIGAD9_CAAGAGGAGCTTACGT-1-10x	0.2327756	0.77872705	0.00092358
5mo_SIGAD9_CAAGAGGTCGGTCATA-1-10x	0.25705677	0.8651812	0.00078121
5mo_SIGAD9_CAAGCTACAGCTTTCC-1-10x	0.22144112	0.7383702	0.0010106
5mo_SIGAD9_CACACAAGTACACGCC-1-10x	0.02899115	0.05314409	4.42E-05
5mo_SIGAD9_CACAGATCAATGACCT-1-10x	0.2536633	0.8530986	0.00079608
5mo_SIGAD9_CACTGAAGTCCAGGTC-1-10x	0.01602145	0.00696491	3.33E-05
5mo_SIGAD9_CACTGAAGTGGTCCCA-1-10x	0.04577794	0.11291415	0.00010046
5mo_SIGAD9_CACTGTCTCGAGTGAG-1-10x	0.026468	0.0441603	4.09E-05
5mo_SIGAD9_CAGATTGGTCTAACGT-1-10x	0.26075295	0.87834156	0.00076963
5mo_SIGAD9_CAGCCAGAGAGTCGAC-1-10x	0.08280569	0.244753	0.0033032

5mo_SIGAD9_CAGCCAGAGTGTTGAA-1-10x	0.290422	0.98397946	0.00076163
5mo_SIGAD9_CAGGCCAGTATCAGGG-1-10x	0.01831539	0.0151326	3.49E-05
5mo_SIGAD9_CAGGCCAGTGACGTCC-1-10x	0.01721582	0.01121753	3.38E-05
5mo_SIGAD9_CAGGGCTGTTATTCTC-1-10x	0.08202171	0.2419616	0.0031253
5mo_SIGAD9_CAGTTAGAGAAACACT-1-10x	0.04091393	0.09559561	7.40E-05
5mo_SIGAD9_CAGTTAGAGAGGGTAA-1-10x	0.08618847	0.25679752	0.0039187
5mo_SIGAD9_CAGTTCCAGAGCAACC-1-10x	0.06989627	0.19878848	0.0010821
5mo_SIGAD9_CATAAGCAGCTGGCTC-1-10x	0.03020033	0.05744941	4.55E-05
5mo_SIGAD9_CATAAGCAGGTATAGT-1-10x	0.11164202	0.34742594	0.002929
5mo_SIGAD9_CATACAGAGCAGAAAG-1-10x	0.0467144	0.11624844	0.00010777
5mo_SIGAD9_CATAGACAGATGAACT-1-10x	0.02259169	0.03035853	3.76E-05
5mo_SIGAD9_CATCGGGCAGCGTATT-1-10x	0.02846944	0.05128651	4.30E-05
5mo_SIGAD9_CATGCGGCAAACACCT-1-10x	0.06702472	0.18856418	0.00079936
5mo_SIGAD9_CATGCGGTCCGTATGA-1-10x	0.05048874	0.12968715	0.00014746
5mo_SIGAD9_CATGCTCAGCCGATCC-1-10x	0.09028373	0.27137884	0.0042999
5mo_SIGAD9_CATGCTCAGGACAGCT-1-10x	0.08351199	0.24726778	0.0034742
5mo_SIGAD9_CATGGATCACAGAGCA-1-10x	0.03483686	0.07395796	5.37E-05
5mo_SIGAD9_CATGGATGTATACGGG-1-10x	0.21468782	0.7143248	0.0010625
5mo_SIGAD9_CATGGATGTTCAGCTA-1-10x	0.02399863	0.03536801	3.91E-05
5mo_SIGAD9_CATTCATGTAGTGCGA-1-10x	0.02982084	0.05609821	4.55E-05
5mo_SIGAD9_CATTCCGTCTCATGCC-1-10x	0.06638112	0.18627264	0.00079936
5mo_SIGAD9_CATTCTACAAGAGAGA-1-10x	0.07988262	0.23434527	0.0027593
5mo_SIGAD9_CATTCTACACATTGTG-1-10x	0.26658243	0.8990977	0.00075831
5mo_SIGAD9_CATTGCCGTACTGAGG-1-10x	0.02900608	0.05319723	4.42E-05
5mo_SIGAD9_CATTGTTAGGAGTACC-1-10x	0.08988248	0.26995018	0.0042999
5mo_SIGAD9_CATTTCCATCCATCGTC-1-10x	0.2397861	0.8036882	0.00087632
5mo_SIGAD9_CCAATTTAGCTGAGCA-1-10x	0.08718108	0.26033172	0.0040384
5mo_SIGAD9_CCACACTAGAAATTCG-1-10x	0.13372692	0.42606017	0.0019115
5mo_SIGAD9_CCACGTTCCATCCGGCA-1-10x	0.1037768	0.3194215	0.0037215
5mo_SIGAD9_CCATCACCACATGAAA-1-10x	0.2701127	0.91166735	0.00075418
5mo_SIGAD9_CCCAACTTCACCGGTG-1-10x	0.11836194	0.37135246	0.0023898
5mo_SIGAD9_CCCGGAACACCAGCTG-1-10x	0.0433499	0.10426902	8.29E-05
5mo_SIGAD9_CCCTCAAAGTCCGCGT-1-10x	0.2322015	0.776683	0.00093066
5mo_SIGAD9_CCCTCAACAAGATTGA-1-10x	0.04321311	0.10378198	8.29E-05
5mo_SIGAD9_CCCTCAACAGGTATGG-1-10x	0.01560194	0.00547125	3.33E-05
5mo_SIGAD9_CCCTCAATCAGCGGAA-1-10x	0.12234986	0.38555163	0.0021873
5mo_SIGAD9_CCCTCAATCTAAGCGT-1-10x	0.2712005	0.9155406	0.00075352
5mo_SIGAD9_CCCTCTCTCGAGCCAC-1-10x	0.04780431	0.12012912	0.00011598
5mo_SIGAD9_CCCTGATAGGTTGTTC-1-10x	0.26201195	0.8828243	0.00076727
5mo_SIGAD9_CCCTGATCAAGGTCAG-1-10x	0.25562677	0.8600896	0.00078825
5mo_SIGAD9_CCCTTAGTCTGCGTCT-1-10x	0.26455772	0.8918886	0.00076135

5mo_SIGAD9_CCGATCTGTCCGGATC-1-10x	0.04005057	0.09252161	7.01E-05
5mo_SIGAD9_CCGATCTTCCGCAAAT-1-10x	0.02369242	0.03427774	3.83E-05
5mo_SIGAD9_CCGCAAGTCGGCTATA-1-10x	0.02810693	0.04999579	4.30E-05
5mo_SIGAD9_CCGGACACATGACGGA-1-10x	0.05105573	0.13170594	0.00014746
5mo_SIGAD9_CCGGGTAGTCTGTGCG-1-10x	0.03125415	0.06120159	4.68E-05
5mo_SIGAD9_CCGGGTATCCGAGCTG-1-10x	0.02407201	0.03562928	3.91E-05
5mo_SIGAD9_CCGGTAGAGCGAGAAA-1-10x	0.0202087	0.02187381	3.62E-05
5mo_SIGAD9_CCGTAGGAGCAAGGAA-1-10x	0.2602204	0.8764455	0.00077221
5mo_SIGAD9_CCGTGAGTCTTCGGAA-1-10x	0.07864403	0.22993521	0.002576
5mo_SIGAD9_CCGTTCAAGTAGGTTA-1-10x	0.01621469	0.00765295	3.33E-05
5mo_SIGAD9_CCGTTCAGTTGAGAGC-1-10x	0.07144748	0.20431164	0.0013138
5mo_SIGAD9_CCTAAGATCCAAGTGA-1-10x	0.2700694	0.91151315	0.00075418
5mo_SIGAD9_CCTCACACAAGTTCGCA-1-10x	0.2778501	0.9392167	0.00075239
5mo_SIGAD9_CCTCACACAATGGGTG-1-10x	0.16244143	0.52829933	0.001776
5mo_SIGAD9_CCTCACAGTGGTTTAC-1-10x	0.03218311	0.06450918	4.83E-05
5mo_SIGAD9_CCTCACATCACCGGTG-1-10x	0.04614079	0.11420609	0.00010046
5mo_SIGAD9_CCTCATGAGCATGGGT-1-10x	0.26368582	0.88878417	0.00076313
5mo_SIGAD9_CCTCCTCAAATAAGC-1-10x	0.2303029	0.7699229	0.00094498
5mo_SIGAD9_CCTCTCCACTTCTCG-1-10x	0.16865048	0.5504069	0.0016744
5mo_SIGAD9_CCTCTCCTCGATAACC-1-10x	0.09432921	0.28578296	0.0044154
5mo_SIGAD9_CCTGTTGGTCACTACA-1-10x	0.03277128	0.06660339	5.00E-05
5mo_SIGAD9_CCTTCAGAGCGACTGA-1-10x	0.25780767	0.8678548	0.00078121
5mo_SIGAD9_CCTTTGGAGAGAGCAA-1-10x	0.20562717	0.68206394	0.001143
5mo_SIGAD9_CGAAGGATCTTCCAGC-1-10x	0.0473857	0.11863863	0.00010777
5mo_SIGAD9_CGAGAAGTCACTTATC-1-10x	0.09107892	0.27421018	0.0043535
5mo_SIGAD9_CGAGGAACATTGACCA-1-10x	0.02763841	0.04832759	4.19E-05
5mo_SIGAD9_CGAGGCTTCTACGGGC-1-10x	0.01827482	0.01498815	3.44E-05
5mo_SIGAD9_CGCAGGTCACGTGAGA-1-10x	0.03681259	0.08099265	5.82E-05
5mo_SIGAD9_CGCATAAAGGTTAAAC-1-10x	0.03429688	0.07203536	5.37E-05
5mo_SIGAD9_CGCGTGACACCTCGTT-1-10x	0.08496144	0.2524286	0.0036353
5mo_SIGAD9_CGCGTGATCAGTCAGT-1-10x	0.01768105	0.01287399	3.44E-05
5mo_SIGAD9_CGGAACCAGAATGTTG-1-10x	0.02143181	0.02622875	3.69E-05
5mo_SIGAD9_CGGAATTGTTGGACTT-1-10x	0.02483691	0.03835272	3.91E-05
5mo_SIGAD9_CGGAATTTGTACACA-1-10x	0.11996389	0.3770563	0.0022788
5mo_SIGAD9_CGGGACTAGCCGTAAG-1-10x	0.01513031	0.00379198	3.27E-05
5mo_SIGAD9_CGGGACTAGCTGCGAA-1-10x	0.0444428	0.10816031	8.81E-05
5mo_SIGAD9_CGGGACTTCGCCAGTG-1-10x	0.25830096	0.86961114	0.000778
5mo_SIGAD9_CGGGCATTCACTCCGT-1-10x	0.02650342	0.04428642	4.09E-05
5mo_SIGAD9_CGGGTCACAGCAGTTT-1-10x	0.03153682	0.06220805	4.83E-05
5mo_SIGAD9_CGGTCAGGTTGCATTG-1-10x	0.15229467	0.49217138	0.0018651
5mo_SIGAD9_CGTCCATAGAAATCCA-1-10x	0.2746946	0.9279814	0.00075233

5mo_SIGAD9_CGTGAATCAAAGGCAC-1-10x	0.09896403	0.30228543	0.0042345
5mo_SIGAD9_CGTGTCTTCGATCCAA-1-10x	0.03889476	0.0884063	6.36E-05
5mo_SIGAD9_CGTTAGACATCCGAAT-1-10x	0.2687257	0.90672886	0.00075594
5mo_SIGAD9_CGTTGGGTCATTTGCT-1-10x	0.0543811	0.14354606	0.00021164
5mo_SIGAD9_CTAACCCAGTAGTGCG-1-10x	0.08301915	0.245513	0.0033032
5mo_SIGAD9_CTAAGTGGTCTCAGGC-1-10x	0.20253105	0.6710401	0.0011699
5mo_SIGAD9_CTACATTGTCAGACGA-1-10x	0.12855496	0.40764514	0.0019821
5mo_SIGAD9_CTACCTGGTCAGCGTC-1-10x	0.13174015	0.41898617	0.001934
5mo_SIGAD9_CTACCTGGTCGTTATG-1-10x	0.02426548	0.03631812	3.91E-05
5mo_SIGAD9_CTACTATCCGCGAGT-1-10x	0.04116579	0.09649239	7.40E-05
5mo_SIGAD9_CTACTATTCGTGGACC-1-10x	0.01891975	0.01728445	3.49E-05
5mo_SIGAD9_CTAGACACATTGTAGC-1-10x	0.27799445	0.9397307	0.00075239
5mo_SIGAD9_CTATCTAGTGATACTC-1-10x	0.28063244	0.9491233	0.00075348
5mo_SIGAD9_CTCACTGGTACCTATG-1-10x	0.03119218	0.06098094	4.68E-05
5mo_SIGAD9 CTCAGAATCGGACCAC-1-10x	0.25462404	0.85651934	0.00079207
5mo_SIGAD9 CTCATCGGTAGTGATA-1-10x	0.2521229	0.847614	0.00080467
5mo_SIGAD9 CTCATCGGTCTAGGCC-1-10x	0.14406687	0.46287596	0.0018716
5mo_SIGAD9 CTCCACAAGCGCCTAC-1-10x	0.01974493	0.02022254	3.55E-05
5mo_SIGAD9 CTCCACAGTTAACCTG-1-10x	0.02435557	0.03663889	3.91E-05
5mo_SIGAD9 CTCCACATCGCCACTT-1-10x	0.05063554	0.13020985	0.00014746
5mo_SIGAD9 CTCCCTCGTGA CTATC-1-10x	0.04505564	0.11034238	9.39E-05
5mo_SIGAD9 CTCCTCCAAAGCTAA-1-10x	0.02216376	0.02883487	3.76E-05
5mo_SIGAD9 CTCTCAGAGCTAAATG-1-10x	0.09477036	0.2873537	0.0044051
5mo_SIGAD9 CTCTGGTCAGATCCTA-1-10x	0.0216343	0.02694971	3.69E-05
5mo_SIGAD9 CTGAATGTCCTTACCG-1-10x	0.1181819	0.37071145	0.0023898
5mo_SIGAD9 CTGAGGCAGTTGCTGT-1-10x	0.22773804	0.7607906	0.00096676
5mo_SIGAD9 CTGAGGCCATTACCCC-1-10x	0.02345148	0.03341986	3.83E-05
5mo_SIGAD9 CTGAGGCGTATGCGGA-1-10x	0.23011646	0.7692591	0.00094498
5mo_SIGAD9 CTGATCCAGACCCTTA-1-10x	0.27530378	0.93015045	0.00075218
5mo_SIGAD9 CTGATCCAGTCGAAAT-1-10x	0.2343686	0.78439903	0.00090964
5mo_SIGAD9 CTGATCCTCTTAAC-1-10x	0.01507629	0.00359965	3.27E-05
5mo_SIGAD9 CTGCCTACAGGTTTAC-1-10x	0.02398839	0.03533154	3.91E-05
5mo_SIGAD9 CTGCCTAGTATGAAAC-1-10x	0.02887314	0.05272391	4.42E-05
5mo_SIGAD9 CTGGTCTGTTAACAGA-1-10x	0.04959027	0.12648812	0.00013566
5mo_SIGAD9 CTGGTCTGTTTCAGAC-1-10x	0.25189134	0.8467895	0.00080467
5mo_SIGAD9 CTGTGGGAGCGGGTTA-1-10x	0.04156999	0.09793155	7.40E-05
5mo_SIGAD9 CTTAGGATCCCGTGTT-1-10x	0.26300377	0.8863557	0.00076511
5mo_SIGAD9 CTTAGGATCTCCAATT-1-10x	0.13649319	0.43590957	0.0018891
5mo_SIGAD9 CTTCAATCCACTTCG-1-10x	0.24320346	0.8158559	0.00085167
5mo_SIGAD9 CTTCCGAGTCTGTAAC-1-10x	0.05037774	0.12929194	0.00014746
5mo_SIGAD9 CTTCCGGTCCGTTGGG-1-10x	0.07614585	0.22104037	0.0020486

5mo_SIGAD9_CTTGAGAGTGGTATGG-1-10x	0.09299804	0.28104326	0.0044107
5mo_SIGAD9_CTTTCAAAGTCTCTGA-1-10x	0.08582526	0.25550428	0.0037839
5mo_SIGAD9_GAACGTTGTGTTGATC-1-10x	0.04547146	0.11182291	9.39E-05
5mo_SIGAD9_GAAGCCCTCTATACTC-1-10x	0.06417987	0.17843498	0.00058553
5mo_SIGAD9_GAAGCGATCAATCTCT-1-10x	0.1618727	0.5262743	0.0017883
5mo_SIGAD9_GAAGCGATCTGTGCGG-1-10x	0.09629431	0.2927798	0.0043435
5mo_SIGAD9_GAAGTAAAGTACTCGT-1-10x	0.03894386	0.08858114	6.36E-05
5mo_SIGAD9_GAATCACCACAGTACT-1-10x	0.26572192	0.8960338	0.00075974
5mo_SIGAD9_GAATCGTGAACATGA-1-10x	0.09863608	0.30111775	0.0042345
5mo_SIGAD9_GACAGCCAGCACCTGC-1-10x	0.04337085	0.10434359	8.29E-05
5mo_SIGAD9_GACATCAGTGGCATCC-1-10x	0.03452318	0.07284111	5.37E-05
5mo_SIGAD9_GACCCAGCATGGAGAC-1-10x	0.19618775	0.6484545	0.00124
5mo_SIGAD9_GACCCTTTCACCTCAC-1-10x	0.07881354	0.23053876	0.002576
5mo_SIGAD9_GACCTTCGTGTACAGG-1-10x	0.19438149	0.64202327	0.0012624
5mo_SIGAD9_GACGTTAAGCGCATCC-1-10x	0.02934653	0.05440943	4.42E-05
5mo_SIGAD9_GACTATGTCATTGTGG-1-10x	0.08999322	0.2703445	0.0042999
5mo_SIGAD9_GAGAGGTGTTGGACCC-1-10x	0.02801981	0.04968558	4.30E-05
5mo_SIGAD9_GAGATGGGTCATTCCC-1-10x	0.02308435	0.03211268	3.83E-05
5mo_SIGAD9_GAGCTGCCATGGAAGC-1-10x	0.04435259	0.10783912	8.81E-05
5mo_SIGAD9_GAGGCAACAAAGTGTA-1-10x	0.04530698	0.11123729	9.39E-05
5mo_SIGAD9_GAGGCCTAGTGAACAT-1-10x	0.02508543	0.03923759	4.00E-05
5mo_SIGAD9_GAGTCTAGTCATACCA-1-10x	0.2228702	0.74345845	0.0010033
5mo_SIGAD9_GAGTGTTGTGCATTAC-1-10x	0.01729976	0.01151641	3.38E-05
5mo_SIGAD9_GATAGAAGTTGTGTAC-1-10x	0.15135314	0.48881903	0.0018676
5mo_SIGAD9_GATAGCTGTATAGCTC-1-10x	0.03895826	0.08863238	6.67E-05
5mo_SIGAD9_GATCATGAGAGGGTAA-1-10x	0.18362233	0.6037148	0.0014112
5mo_SIGAD9_GATCCCTTCTCAATCT-1-10x	0.04935148	0.12563787	0.00013566
5mo_SIGAD9_GATCGTATCCGTCAA-1-10x	0.08882493	0.26618472	0.0042295
5mo_SIGAD9_GATGACTAGTAAACGT-1-10x	0.27546686	0.93073106	0.00075218
5mo_SIGAD9_GATGAGGCAAAGACGC-1-10x	0.02676557	0.0452198	4.19E-05
5mo_SIGAD9_GATGCTAGTCTTCATT-1-10x	0.2884117	0.9768217	0.0007596
5mo_SIGAD9_GATTCGAGTTCTCACC-1-10x	0.01878036	0.01678814	3.49E-05
5mo_SIGAD9_GATTCTTAGAGCCGAT-1-10x	0.03727643	0.08264416	6.07E-05
5mo_SIGAD9_GATTCTTAGCTTTGTG-1-10x	0.24561337	0.8244365	0.00083459
5mo_SIGAD9_GCAACATTCCCATAGA-1-10x	0.23662157	0.7924208	0.00089602
5mo_SIGAD9_GCAACCGCACGCTGCA-1-10x	0.01579009	0.00614116	3.33E-05
5mo_SIGAD9_GCAACCGTCGCCTCTA-1-10x	0.07125355	0.2036211	0.0013138
5mo_SIGAD9_GCACGTGTCTGAATGC-1-10x	0.18251404	0.5997687	0.0014427
5mo_SIGAD9_GCAGCCAGTGTGTCCG-1-10x	0.02082598	0.02407167	3.62E-05
5mo_SIGAD9_GCAGTTACATAAGATG-1-10x	0.08676769	0.25885984	0.0039187
5mo_SIGAD9_GCCAGCAAGATACATG-1-10x	0.07654442	0.22245948	0.0022191

5mo_SIGAD9_GCCAGGTTCTTCGAC-1-10x	0.0264738	0.04418095	4.09E-05
5mo_SIGAD9_GCCAGTGTCCGTGTAA-1-10x	0.03375681	0.0701124	5.17E-05
5mo_SIGAD9_GCCAGTGTGAGCCTG-1-10x	0.05516336	0.14633134	0.000233
5mo_SIGAD9_GCCATGGGTCCTGTCT-1-10x	0.01832318	0.01516034	3.49E-05
5mo_SIGAD9_GCCATTCAGCGATGAC-1-10x	0.20902	0.69414425	0.0011095
5mo_SIGAD9_GCCATTCAGCGTCAAG-1-10x	0.03929844	0.08984361	6.67E-05
5mo_SIGAD9_GCCATTCGTGCGATCG-1-10x	0.16769278	0.54699695	0.0016902
5mo_SIGAD9_GCCATTCGTGTGAATA-1-10x	0.04340939	0.10448082	8.29E-05
5mo_SIGAD9_GCTACAACATCTGTTT-1-10x	0.03597197	0.07799957	5.58E-05
5mo_SIGAD9_GCTGGGTGTCCTACTACA-1-10x	0.01698252	0.01038684	3.38E-05
5mo_SIGAD9_GCTTTCGGTAGAGTTA-1-10x	0.21367128	0.71070534	0.0010701
5mo_SIGAD9_GGAACCCAGTAGGAAG-1-10x	0.03699019	0.08162499	5.82E-05
5mo_SIGAD9_GGAATCTCACAGTGTT-1-10x	0.05454654	0.14413512	0.00021164
5mo_SIGAD9_GGAATGGAGTTGCGAG-1-10x	0.09900087	0.3024166	0.0042345
5mo_SIGAD9_GGACGTCAGGTCATAA-1-10x	0.26725128	0.9014792	0.00075705
5mo_SIGAD9_GGAGAACGTACTGGGA-1-10x	0.03754791	0.08361079	6.07E-05
5mo_SIGAD9_GGAGAACGTAGCGCCT-1-10x	0.08658332	0.25820342	0.0039187
5mo_SIGAD9_GGAGCAAGTGGCGCTT-1-10x	0.05075949	0.13065119	0.00014746
5mo_SIGAD9_GGATGTTCAATGAAAC-1-10x	0.01504819	0.00349958	3.27E-05
5mo_SIGAD9_GGATGTTGTGAAATT-1-10x	0.11862409	0.3722859	0.0023898
5mo_SIGAD9_GGCAGTCTCCATTCGC-1-10x	0.02940964	0.05463413	4.42E-05
5mo_SIGAD9_GGCGTCAAGTATTGCC-1-10x	0.03287543	0.06697421	5.00E-05
5mo_SIGAD9_GGCGTCAGTGGACCAA-1-10x	0.0349409	0.07432841	5.37E-05
5mo_SIGAD9_GGCTGTGTCGGACGTC-1-10x	0.28699705	0.9717848	0.00075864
5mo_SIGAD9_GGCTTGGAGAGTCCGA-1-10x	0.04734653	0.11849916	0.00010777
5mo_SIGAD9_GGGACCTAGAGTCTTC-1-10x	0.03264957	0.06617005	5.00E-05
5mo_SIGAD9_GGGACTCGTATTGAGA-1-10x	0.03688901	0.08126473	5.82E-05
5mo_SIGAD9_GGGAGATGTGGAACAC-1-10x	0.06099768	0.16710469	0.00042799
5mo_SIGAD9_GGGATCCCAGTTGAAA-1-10x	0.02331673	0.03294006	3.83E-05
5mo_SIGAD9_GGGCGTTAGAGCAGAA-1-10x	0.03892883	0.08852761	6.36E-05
5mo_SIGAD9_GGGCGTTCAGCAGACA-1-10x	0.23702237	0.79384786	0.00089602
5mo_SIGAD9_GGGCTACGTGAGAGGG-1-10x	0.23808745	0.7976401	0.00088935
5mo_SIGAD9_GGGTAGACAAATGATG-1-10x	0.04735467	0.11852817	0.00010777
5mo_SIGAD9_GGGTCTGGTATAGCTC-1-10x	0.04787969	0.12039749	0.00011598
5mo_SIGAD9_GGGTGTGTCGTTCTGCG-1-10x	0.04616658	0.11429793	0.00010046
5mo_SIGAD9_GGGTTATCAGCTGAAG-1-10x	0.25654557	0.86336106	0.00078463
5mo_SIGAD9_GGTAGAGAGCTCGCAC-1-10x	0.03842773	0.08674343	6.36E-05
5mo_SIGAD9_GGTGTGCGAGATTAGTG-1-10x	0.2434464	0.81672084	0.00085167
5mo_SIGAD9_GGTTGTAAGACTAAGT-1-10x	0.02971607	0.0557252	4.55E-05
5mo_SIGAD9_GGTTGTAAGGTTCCGC-1-10x	0.08044232	0.2363381	0.0029431
5mo_SIGAD9_GTAACACAGGTTAGTA-1-10x	0.06171123	0.1696453	0.00047505

5mo_SIGAD9_GTAAGTCCACTTGAGT-1-10x	0.13358653	0.42556027	0.0019115
5mo_SIGAD9_GTAAGTCGTAATAAGA-1-10x	0.27648595	0.9343596	0.00075214
5mo_SIGAD9_GTAATCGGTGTACAGG-1-10x	0.03195394	0.06369322	4.83E-05
5mo_SIGAD9_GTAATCGGTAGAGAT-1-10x	0.24644439	0.8273954	0.00083459
5mo_SIGAD9_GTACAACTCATACGGT-1-10x	0.08356457	0.24745499	0.0034742
5mo_SIGAD9_GTAGATCAGCACGATG-1-10x	0.0862596	0.25705075	0.0039187
5mo_SIGAD9_GTAGATCGTTGTGTAC-1-10x	0.04821023	0.12157442	0.00011598
5mo_SIGAD9_GTAGTACTCTGGGTTCG-1-10x	0.03294289	0.06721441	5.00E-05
5mo_SIGAD9_GTCAAGTAGACATCAA-1-10x	0.0171949	0.01114304	3.38E-05
5mo_SIGAD9_GTCACTCCACACTGGC-1-10x	0.24016057	0.8050216	0.00086997
5mo_SIGAD9_GTCACTCTCCAACCAA-1-10x	0.03071121	0.0592684	4.68E-05
5mo_SIGAD9_GTCATGAAGTATGGAT-1-10x	0.041624	0.09812388	7.40E-05
5mo_SIGAD9_GTCATTTGTGGGTTGA-1-10x	0.03257126	0.06589121	5.00E-05
5mo_SIGAD9_GTCCACTCACATCCCT-1-10x	0.11836449	0.37136158	0.0023898
5mo_SIGAD9_GTCGTTTCGTTAGTCGT-1-10x	0.02566158	0.04128901	4.00E-05
5mo_SIGAD9_GTCTCACTCCAGTACA-1-10x	0.05354297	0.14056188	0.00019264
5mo_SIGAD9_GTCTCACTCTGCACCT-1-10x	0.02144045	0.02625949	3.69E-05
5mo_SIGAD9_GTCTGTCGTCAAAGTA-1-10x	0.08923186	0.26763362	0.0042295
5mo_SIGAD9_GTCTTTAAGGTTGTTC-1-10x	0.04347326	0.10470825	8.29E-05
5mo_SIGAD9_GTGACGCGTGTATTGC-1-10x	0.03658668	0.0801883	5.82E-05
5mo_SIGAD9_GTGAGGACATGATGCT-1-10x	0.04447291	0.10826752	8.81E-05
5mo_SIGAD9_GTGATGTTTCGCTGCCA-1-10x	0.0178238	0.01338227	3.44E-05
5mo_SIGAD9_GTGATGTTCTAGCAAC-1-10x	0.03193902	0.0636401	4.83E-05
5mo_SIGAD9_GTGGAGAAGTTTCGGT-1-10x	0.08488734	0.25216478	0.0036353
5mo_SIGAD9_GTGTCCTGTCGCAACC-1-10x	0.05567839	0.14816512	0.000233
5mo_SIGAD9_GTTACCCCAGTATTCG-1-10x	0.03213023	0.06432089	4.83E-05
5mo_SIGAD9_GTTAGACTCCATTGTT-1-10x	0.26885262	0.9071808	0.00075594
5mo_SIGAD9_GTTAGTGCAAATCGGG-1-10x	0.04233325	0.10064919	7.82E-05
5mo_SIGAD9_GTTAGTGTCGAGTTGT-1-10x	0.05536648	0.14705455	0.000233
5mo_SIGAD9_GTTCCGTTCAAGTGTC-1-10x	0.02477624	0.03813672	3.91E-05
5mo_SIGAD9_GTTGAACTCCTACGAA-1-10x	0.09406036	0.2848257	0.0044154
5mo_SIGAD9_GTTGCGGAGCGGGTAT-1-10x	0.13144454	0.41793364	0.001934
5mo_SIGAD9_GTTGCGGGTTAGAAAC-1-10x	0.1044746	0.32190606	0.0037215
5mo_SIGAD9_GTTGTAGCAGCAGAAC-1-10x	0.03106614	0.06053215	4.68E-05
5mo_SIGAD9_GTTGTCCCAATAGGAT-1-10x	0.06960348	0.19774598	0.0010821
5mo_SIGAD9_GTTTACTAGCAGTCTT-1-10x	0.24269904	0.8140599	0.00085764
5mo_SIGAD9_TAACCAGCATGTCAGT-1-10x	0.22938675	0.7666609	0.0009522
5mo_SIGAD9_TAAGCCAGTACCCGAC-1-10x	0.03119941	0.06100667	4.68E-05
5mo_SIGAD9_TAAGCCAGTGTTTAC-1-10x	0.06001453	0.16360413	0.00038577
5mo_SIGAD9_TAAGTCGAGTGGAATT-1-10x	0.03343776	0.06897642	5.17E-05
5mo_SIGAD9_TACATTCTCACCTGT-1-10x	0.08412777	0.2494603	0.0036353

5mo_SIGAD9_TACGGGCCACTTGGGC-1-10x	0.0423377	0.10066502	7.82E-05
5mo_SIGAD9_TACGGGCCAGACCTGC-1-10x	0.03847099	0.08689745	6.36E-05
5mo_SIGAD9_TACGGGCTCTAGTACG-1-10x	0.17391272	0.5691433	0.0015922
5mo_SIGAD9_TACTTACAGGCCTGAA-1-10x	0.02624087	0.04335159	4.09E-05
5mo_SIGAD9_TAGACCACAGACCTAT-1-10x	0.03825232	0.08611888	6.36E-05
5mo_SIGAD9_TAGACTGCATCTCGTC-1-10x	0.08764509	0.26198387	0.0040384
5mo_SIGAD9_TAGACTGGTACAGCGA-1-10x	0.04706391	0.11749289	0.00010777
5mo_SIGAD9_TAGAGTCTCGATGCAT-1-10x	0.08220174	0.2426026	0.0033032
5mo_SIGAD9_TAGGAGGTCTCCACTG-1-10x	0.02254163	0.03018029	3.76E-05
5mo_SIGAD9_TAGGGTTGTCCCTGAG-1-10x	0.13652639	0.43602777	0.0018891
5mo_SIGAD9_TAGGTACAGTCCCTAA-1-10x	0.02061688	0.02332713	3.62E-05
5mo_SIGAD9_TAGGTTGTACAATGC-1-10x	0.0202242	0.02192901	3.62E-05
5mo_SIGAD9_TAGGTTGTCCCTTGTC-1-10x	0.23046276	0.7704921	0.00094498
5mo_SIGAD9_TAGTGCAAGGTAGATT-1-10x	0.01725844	0.01136929	3.38E-05
5mo_SIGAD9_TATACCTAGATGCTAA-1-10x	0.04341553	0.10450268	8.29E-05
5mo_SIGAD9_TATACCTCCGTGGGT-1-10x	0.21227838	0.7057459	0.0010856
5mo_SIGAD9_TATATCCAGTACCGGA-1-10x	0.26635486	0.8982874	0.00075831
5mo_SIGAD9_TATATCCTCCGTGGCA-1-10x	0.26963896	0.9099806	0.00075499
5mo_SIGAD9_TATCTTGCAGTGTATC-1-10x	0.08085287	0.2377999	0.0029431
5mo_SIGAD9_TATGTTCTAGCACAG-1-10x	0.04054339	0.09427631	7.01E-05
5mo_SIGAD9_TATTCCAAGATAGCAT-1-10x	0.02247829	0.02995478	3.76E-05
5mo_SIGAD9_TATTTGAGAGCCCAA-1-10x	0.02119775	0.02539535	3.69E-05
5mo_SIGAD9_TATTTGAGTCAGCGA-1-10x	0.04399927	0.10658113	8.81E-05
5mo_SIGAD9_TATTTGGTGC GGCTT-1-10x	0.26690912	0.90026087	0.00075831
5mo_SIGAD9_TCACAAGCAAAGGAGA-1-10x	0.03808393	0.08551931	6.36E-05
5mo_SIGAD9_TCACAAGCAATTGTGC-1-10x	0.02319028	0.03248984	3.83E-05
5mo_SIGAD9_TCACAAGCATCATTTTC-1-10x	0.02137093	0.02601199	3.69E-05
5mo_SIGAD9_TCACACCGTTGGGACA-1-10x	0.07995338	0.23459722	0.0027593
5mo_SIGAD9_TCACATTAGCCGTTGC-1-10x	0.02598498	0.04244047	4.09E-05
5mo_SIGAD9_TCACGCTAGTAATTGG-1-10x	0.14820725	0.47761795	0.0018713
5mo_SIGAD9_TCACTCGAGCATGATA-1-10x	0.25957566	0.8741498	0.00077499
5mo_SIGAD9_TCAGCAAGTAAGAACT-1-10x	0.22366793	0.74629885	0.00099599
5mo_SIGAD9_TCAGGTATCAAGAATG-1-10x	0.01997204	0.02103116	3.55E-05
5mo_SIGAD9_TCAGTCCGTCTGTGAT-1-10x	0.02105429	0.02488455	3.62E-05
5mo_SIGAD9_TCAGTGAGTGGTACAG-1-10x	0.02114688	0.02521423	3.69E-05
5mo_SIGAD9_TCAGTTTAGGAATGTT-1-10x	0.2716746	0.9172286	0.00075352
5mo_SIGAD9_TCATATCGTACGTTCA-1-10x	0.11913207	0.37409458	0.0023317
5mo_SIGAD9_TCATCATTCCAAAGGG-1-10x	0.01514142	0.00383154	3.27E-05
5mo_SIGAD9_TCATGAGCATAGAAAC-1-10x	0.2565264	0.8632928	0.00078463
5mo_SIGAD9_TCATGCCCAATGTTGC-1-10x	0.03687324	0.0812086	5.82E-05
5mo_SIGAD9_TCATGCCGTACCTAGT-1-10x	0.27096418	0.9146991	0.00075418

5mo_SIGAD9_TCATTACGTTTCCATT-1-10x	0.09255428	0.27946323	0.0044107
5mo_SIGAD9_TCATTCAGTTCCTTGC-1-10x	0.05299577	0.13861354	0.00017575
5mo_SIGAD9_TCATTGTGTGAGGAAA-1-10x	0.07349925	0.21161702	0.0015819
5mo_SIGAD9_TCATTTGGTCGAATTC-1-10x	0.20777349	0.689706	0.001126
5mo_SIGAD9_TCCACCATCGACATAC-1-10x	0.25561562	0.8600499	0.00078825
5mo_SIGAD9_TCCACGTAGCTCTGTA-1-10x	0.02794895	0.0494333	4.30E-05
5mo_SIGAD9_TCCGATCAGGTTACCT-1-10x	0.01773963	0.01308257	3.44E-05
5mo_SIGAD9_TCCGATCCACGCACCA-1-10x	0.22514176	0.75154644	0.00098137
5mo_SIGAD9_TCCGATCCATAGGCCGA-1-10x	0.01732763	0.01161564	3.38E-05
5mo_SIGAD9_TCCTCGAGTCATGGCC-1-10x	0.04054892	0.09429599	7.01E-05
5mo_SIGAD9_TCCTGCATCACGGACC-1-10x	0.08956406	0.26881644	0.0042295
5mo_SIGAD9_TCGAACAAGTCCCAAT-1-10x	0.13782617	0.4406557	0.0018802
5mo_SIGAD9_TCGACGGTCCGAAATC-1-10x	0.01661592	0.00908156	3.38E-05
5mo_SIGAD9_TCGGGCAGTACAGAAT-1-10x	0.06608988	0.18523565	0.00072102
5mo_SIGAD9_TCGGGCATCGTCAAAC-1-10x	0.11657806	0.3650009	0.0025211
5mo_SIGAD9_TCGGTCTAGCGACCCT-1-10x	0.2550165	0.8579167	0.00078825
5mo_SIGAD9_TCGTGCTAGAGATGCC-1-10x	0.18555236	0.61058676	0.0013809
5mo_SIGAD9_TCGTGGGCAGTGTGCC-1-10x	0.16127725	0.5241542	0.0017883
5mo_SIGAD9_TCTACATCATTACAGGT-1-10x	0.24403168	0.8188048	0.00084583
5mo_SIGAD9_TCTACATTCGTGCGAC-1-10x	0.24708118	0.8296627	0.0008292
5mo_SIGAD9_TCTCACGCAGCTATTG-1-10x	0.13373846	0.42610124	0.0019115
5mo_SIGAD9_TCTCTGGTCTTACGTT-1-10x	0.1534639	0.4963345	0.0018617
5mo_SIGAD9_TCTGCCAGTAACATCC-1-10x	0.04271348	0.10200302	7.82E-05
5mo_SIGAD9_TCTTGCGTCTTACGTT-1-10x	0.04954001	0.12630916	0.00013566
5mo_SIGAD9_TGAATCGTCAGAGCGA-1-10x	0.24454631	0.82063717	0.00084583
5mo_SIGAD9_TGACAGTGTGAGTGA-1-10x	0.24649656	0.8275811	0.00083459
5mo_SIGAD9_TGAGACTAGAAGCTCG-1-10x	0.26338863	0.88772607	0.00076511
5mo_SIGAD9_TGAGCATTCTGGTTGA-1-10x	0.25079367	0.84288114	0.00080923
5mo_SIGAD9_TGAGGAGTCGTAACAC-1-10x	0.08455012	0.2509641	0.0036353
5mo_SIGAD9_TGATCTTTCGGTCGAC-1-10x	0.08781742	0.26259747	0.0041422
5mo_SIGAD9_TGATTTCCAGACAATA-1-10x	0.02150266	0.02648101	3.69E-05
5mo_SIGAD9_TGCAGATCAGCGCTTG-1-10x	0.02700718	0.04608005	4.19E-05
5mo_SIGAD9_TGCATGAGTACGATTC-1-10x	0.05267929	0.13748671	0.00017575
5mo_SIGAD9_TGCATGAGTGGCAGAT-1-10x	0.26399508	0.8898853	0.00076313
5mo_SIGAD9_TGCCGAGCAGTCGGTC-1-10x	0.04664253	0.11599255	0.00010777
5mo_SIGAD9_TGCTCGTGTACGACC-1-10x	0.01642218	0.00839172	3.38E-05
5mo_SIGAD9_TGCTCGTGTACATCTAG-1-10x	0.2850511	0.9648562	0.00075605
5mo_SIGAD9_TGCTCGTTCCTGTTGC-1-10x	0.04093365	0.09566587	7.40E-05
5mo_SIGAD9_TGGAGGACAATTTCTC-1-10x	0.28083575	0.9498472	0.00075348
5mo_SIGAD9_TGGAGGAGTCGCATGC-1-10x	0.02735576	0.04732122	4.19E-05
5mo_SIGAD9_TGGATCATCATGCGGC-1-10x	0.0481254	0.12127236	0.00011598

5mo_SIGAD9_TGGATCATCCGACATA-1-10x	0.02135934	0.0259707	3.69E-05
5mo_SIGAD9_TGGCGTGAGATTGACA-1-10x	0.25944734	0.87369287	0.00077499
5mo_SIGAD9_TGGCGTGAGCGCCTTG-1-10x	0.2927543	0.9922837	0.00076488
5mo_SIGAD9_TGGGAAGGTGCCGGTT-1-10x	0.12496919	0.39487788	0.0020803
5mo_SIGAD9_TGGGAGATCTATGCCC-1-10x	0.0974047	0.29673338	0.0042943
5mo_SIGAD9_TGGGCGTAGAGCTTTC-1-10x	0.2738357	0.92492324	0.00075233
5mo_SIGAD9_TGGGCTGTGAAGGAC-1-10x	0.02906615	0.05341112	4.42E-05
5mo_SIGAD9_TGGGTTACACACAGCC-1-10x	0.03269015	0.06631452	5.00E-05
5mo_SIGAD9_TGGGTTATCTCTCTTC-1-10x	0.04718667	0.11792997	0.00010777
5mo_SIGAD9_TGGTAGTTCGACTCCT-1-10x	0.12115081	0.3812824	0.0022308
5mo_SIGAD9_TGGTAGTTCTCGTTTA-1-10x	0.02817088	0.05022346	4.30E-05
5mo_SIGAD9_TGTAAGCGTACTCAG-1-10x	0.02498101	0.03886582	4.00E-05
5mo_SIGAD9_TGTGAGTGTGAATGAT-1-10x	0.03420925	0.07172333	5.17E-05
5mo_SIGAD9_TGTGGCGCAACTAC-1-10x	0.2752608	0.9299974	0.00075218
5mo_SIGAD9_TGTTCAATCGCCGAGT-1-10x	0.07027648	0.20014223	0.0011935
5mo_SIGAD9_TGTTCTAGTTTGTCT-1-10x	0.25968054	0.8745232	0.00077499
5mo_SIGAD9_TGTTGAGCAATGCAA-1-10x	0.23340353	0.7809628	0.00091657
5mo_SIGAD9_TGTTGAGCACACCGAC-1-10x	0.02078059	0.02391003	3.62E-05
5mo_SIGAD9_TGTTTGTAGAACCCGA-1-10x	0.08226462	0.24282648	0.0033032
5mo_SIGAD9_TGTTTGTGTTACCCAA-1-10x	0.019477	0.01926854	3.55E-05
5mo_SIGAD9_TTACAGGTGCGATTGA-1-10x	0.02532312	0.0400839	4.00E-05
5mo_SIGAD9_TTACAGGTCTGCCTCA-1-10x	0.01986516	0.0206506	3.55E-05
5mo_SIGAD9_TTACCATTCTGTGTGA-1-10x	0.29016867	0.98307747	0.00076163
5mo_SIGAD9_TTACCGCAGTAGCTCT-1-10x	0.03974852	0.09144615	6.67E-05
5mo_SIGAD9_TTAGGCAGTGGCTACC-1-10x	0.04106141	0.09612074	7.40E-05
5mo_SIGAD9_TTCAATCTCGAGAATA-1-10x	0.03727494	0.08263885	6.07E-05
5mo_SIGAD9_TTCAGGAGTTGTGCAT-1-10x	0.2782602	0.94067687	0.00075239
5mo_SIGAD9_TTCATGTTCTTTGAT-1-10x	0.18357478	0.6035455	0.0014268
5mo_SIGAD9_TTCCAATAGGGCGAAG-1-10x	0.03244983	0.06545886	5.00E-05
5mo_SIGAD9_TTCCAATTCTCAGGCG-1-10x	0.0302271	0.05754475	4.55E-05
5mo_SIGAD9_TTCCACGAGACGGAAA-1-10x	0.1122303	0.34952053	0.0028393
5mo_SIGAD9_TTCGATTCAGCGACAA-1-10x	0.11235283	0.3499568	0.0028393
5mo_SIGAD9_TTCTAACGTATCCTCC-1-10x	0.11676402	0.36566305	0.0025211
5mo_SIGAD9_TTCTCTCTACCATGA-1-10x	0.120436	0.37873727	0.0022788
5mo_SIGAD9_TTCTTGAAGTTACGTC-1-10x	0.02683435	0.04546469	4.19E-05
5mo_SIGAD9_TTGAACGGTCAACGCC-1-10x	0.06393316	0.17755656	0.00058553
5mo_SIGAD9_TTGATGGAGCACGATG-1-10x	0.04571834	0.11270195	0.00010046
5mo_SIGAD9_TTGCGTCCAACCTCCCT-1-10x	0.03263294	0.06611081	5.00E-05
5mo_SIGAD9_TTGTTTTTCGTCCTCA-1-10x	0.0470359	0.11739317	0.00010777
5mo_SIGAD9_TTGTGGACAGCACCCA-1-10x	0.01765991	0.01279873	3.44E-05
5mo_SIGAD9_TTGTTTCATCTTCCCAG-1-10x	0.09744886	0.29689062	0.0042943

5mo_SIGAD9_TTGTTTGGTGCGTGCT-1-10x	0.18508023	0.60890573	0.0013959
5mo_SIGAD9_TTGTTTGTCACTCACC-1-10x	0.02774484	0.04870654	4.30E-05
5mo_SIGAD9_TTGTTTGTGACACCCG-1-10x	0.04724092	0.11812314	0.00010777
5mo_SIGAD9_TTTACCAAGTCTTACAG-1-10x	0.0428659	0.10254569	8.29E-05
5mo_SIGAD9_TTTACGTGTTTACGTG-1-10x	0.02731254	0.04716731	4.19E-05
5mo_SIGAD9_TTTAGTCGTTGCCATA-1-10x	0.09200751	0.27751645	0.0043903
5mo_SIGAD9_TTTTCATGCAACTTGCA-1-10x	0.03814437	0.08573449	6.36E-05
5mo_SIGAD9_TTTGACTCAAACACCT-1-10x	0.01798612	0.01396023	3.44E-05
5mo_SIGAD9_TTTGGAGCAGAGTCTT-1-10x	0.02591706	0.04219867	4.09E-05
7dr2_7dold_SITTB4_AAGTCGTAGTAGGCCA-1-10x	0.0978439	0.29829717	0.0042943
7dr2_7dold_SITTB4_ACACAGTAGCGATGCA-1-10x	0.06281952	0.1735914	0.00052741
7dr2_7dold_SITTB4_ACCACAAGTCGTTCAA-1-10x	0.09130327	0.27500898	0.0043535
7dr2_7dold_SITTB4_ACCCTCATCTTTCCAA-1-10x	0.0200148	0.02118341	3.55E-05
7dr2_7dold_SITTB4_ACTTTCAGTGTTCCAA-1-10x	0.129733	0.4118396	0.0019639
7dr2_7dold_SITTB4_ACTTTGTAGGTGCCAA-1-10x	0.10736686	0.33220404	0.0034182
7dr2_7dold_SITTB4_AGAGCAGTCGGACCAC-1-10x	0.07613144	0.22098906	0.0020486
7dr2_7dold_SITTB4_AGCGTATGTTACCCTC-1-10x	0.06517369	0.18197352	0.00064991
7dr2_7dold_SITTB4_AGGATCTGTGCGAACA-1-10x	0.08821792	0.26402345	0.0041422
7dr2_7dold_SITTB4_AGGGTTTTCTTCGACC-1-10x	0.04340462	0.10446385	8.29E-05
7dr2_7dold_SITTB4_AGGTAGGCACAGTCCG-1-10x	0.04624859	0.11458991	0.00010046
7dr2_7dold_SITTB4_AGGTGTTGTTAAGTCC-1-10x	0.04253417	0.10136455	7.82E-05
7dr2_7dold_SITTB4_ATGTCTTGTCGCGTA-1-10x	0.02599525	0.04247705	4.09E-05
7dr2_7dold_SITTB4_ATTTACCAGACGACGT-1-10x	0.04308007	0.10330827	8.29E-05
7dr2_7dold_SITTB4_CAGATACCAAATCAGA-1-10x	0.06321803	0.17501031	0.00052741
7dr2_7dold_SITTB4_CAGCACGAGGCCTTCG-1-10x	0.04993946	0.12773141	0.00013566
7dr2_7dold_SITTB4_CAGGCCAAGATGGCAC-1-10x	0.08695398	0.25952312	0.0040384
7dr2_7dold_SITTB4_CATCGTCAGGGTGAGG-1-10x	0.28367156	0.95994425	0.00075531
7dr2_7dold_SITTB4_CATTCCGTCAGCCTTC-1-10x	0.03806352	0.08544664	6.36E-05
7dr2_7dold_SITTB4_CCATCACGTACTTCCC-1-10x	0.0398627	0.09185267	6.67E-05
7dr2_7dold_SITTB4_CCGGTGAGTTGATCGT-1-10x	0.02951072	0.05499402	4.42E-05
7dr2_7dold_SITTB4_CTAGACATCGAGTCTA-1-10x	0.08875337	0.26592997	0.0042295
7dr2_7dold_SITTB4_CTATAGGCACAGTGAG-1-10x	0.1283648	0.4069681	0.0019821
7dr2_7dold_SITTB4_CTCATCGCATGACGAG-1-10x	0.06042632	0.16507033	0.00038577
7dr2_7dold_SITTB4_CTGAATGTCAGAGCGA-1-10x	0.0355145	0.07637074	5.58E-05
7dr2_7dold_SITTB4_GACGCTGCAGACAAAT-1-10x	0.01748751	0.0121849	3.44E-05
7dr2_7dold_SITTB4_GAGTTTGGTGTCTTCC-1-10x	0.04569246	0.11260977	0.00010046
7dr2_7dold_SITTB4_GGATGTTAGGTCACAG-1-10x	0.07935689	0.2324734	0.0027593
7dr2_7dold_SITTB4_GGTGATTTCTCCGATC-1-10x	0.09174814	0.27659294	0.0043903
7dr2_7dold_SITTB4_GTATTTTCGTATTCCTT-1-10x	0.08239966	0.24330729	0.0033032
7dr2_7dold_SITTB4_GTCCTCACAGTCACGC-1-10x	0.08189463	0.24150911	0.0031253
7dr2_7dold_SITTB4_GTGTTAGGTAGAGACC-1-10x	0.06538189	0.18271483	0.00072102

7dr2_7dold_SITTB4_GTTACAGGTAACGATA-1-10x	0.10603636	0.32746676	0.00352
7dr2_7dold_SITTB4_TCGCACTTCACTGGTA-1-10x	0.1192621	0.37455755	0.0023317
7dr2_7dold_SITTB4_TGAGACTTCAGAGTTC-1-10x	0.06655549	0.1868935	0.00079936
7dr2_7dold_SITTB4_TGATTCTCATATGGCT-1-10x	0.08584923	0.25558963	0.0037839
7dr2_7dold_SITTB4_TGCATCCGTCCTCATC-1-10x	0.05376688	0.14135912	0.00019264
7dr2_7dold_SITTB4_TGCTCGTGTTATTCTC-1-10x	0.03236422	0.06515405	4.83E-05
7dr2_7dold_SITTB4_TTACTGTGTTGTCTAG-1-10x	0.019049	0.01774464	3.49E-05
7dr2_7dold_SITTB4_TTGACCCCAACTACGT-1-10x	0.08398908	0.24896652	0.0034742
3d7d_SITTB7_AAGAACAAGGTAACATA-1-10x	0.01965796	0.01991286	3.55E-05
3d7d_SITTB7_ACCTGTCAGCTAGTTC-1-10x	0.01881146	0.01689888	3.49E-05
3d7d_SITTB7_ACTATTTCGTTTGAACC-1-10x	0.10255671	0.31507733	0.0039137
3d7d_SITTB7_AGGTAGGGTGTACAGG-1-10x	0.01941629	0.01905239	3.55E-05
3d7d_SITTB7_AGGTCATCAGGACGAT-1-10x	0.01763472	0.01270905	3.44E-05
3d7d_SITTB7_AGTAGCTAGTATTCCG-1-10x	0.0255105	0.04075108	4.00E-05
3d7d_SITTB7_CAATACGGTTCGCGAG-1-10x	0.02237859	0.02959979	3.76E-05
3d7d_SITTB7_CAGGGCTCATAGGAGC-1-10x	0.02749915	0.04783173	4.19E-05
3d7d_SITTB7_CATACTTCACCCTTGT-1-10x	0.02172548	0.02727435	3.69E-05
3d7d_SITTB7_CATCCGTTCCCTATTA-1-10x	0.03281395	0.06675531	5.00E-05
3d7d_SITTB7_CCAATTTTCAGTAACAA-1-10x	0.02418705	0.03603886	3.91E-05
3d7d_SITTB7_CCGTAGGCAAACAACTAAG-1-10x	0.01738485	0.01181938	3.44E-05
3d7d_SITTB7_CCTGCATAGGTCCAGA-1-10x	0.01866713	0.01638496	3.49E-05
3d7d_SITTB7_CGGAGAACATCCCCTACT-1-10x	0.02034347	0.02235365	3.62E-05
3d7d_SITTB7_CTGCATCTCCGTACGG-1-10x	0.12225569	0.38521636	0.0021873
3d7d_SITTB7_GATCCCTAGTGCCGAA-1-10x	0.09652285	0.29359353	0.0043435
3d7d_SITTB7_GATGGAGTCCAACACTAG-1-10x	0.04376155	0.1057347	8.81E-05
3d7d_SITTB7_GCGGAAATCTGTTCAT-1-10x	0.02633952	0.04370285	4.09E-05
3d7d_SITTB7_GCGTTTCGTGGTCTGC-1-10x	0.01985556	0.02061645	3.55E-05
3d7d_SITTB7_TATTCCATCTTTCTAG-1-10x	0.01671747	0.00944312	3.38E-05
3d7d_SITTB7_TCAAGACAGGGCCAAT-1-10x	0.02057575	0.02318068	3.62E-05
3d7d_SITTB7_TCAGGTAAGTCTAGAA-1-10x	0.01608859	0.00720399	3.33E-05
3d7d_SITTB7_TCATCCGAGATGAATC-1-10x	0.02040172	0.02256105	3.62E-05
3d7d_SITTB7_TCGTGGGTCTTACTGT-1-10x	0.01767434	0.0128501	3.44E-05
3d7d_SITTB7_TGAGCGCAGGTACTGG-1-10x	0.08357159	0.24748	0.0034742
3d7d_SITTB7_TGGAGGACACGTACAT-1-10x	0.03320723	0.06815559	5.00E-05
3d7d_SITTB7_TTAATCCAGGTAGGCT-1-10x	0.02593487	0.04226206	4.09E-05
3d7d_SITTB7_TTCGATTTCCGTGTAA-1-10x	0.05442075	0.14368725	0.00021164
3d7d_SITTB7_TTTCCTCGTAACCAGG-1-10x	0.01812187	0.01444356	3.44E-05
2w4w_SITTC4_AAACGAAGTGA CTCTA-1-10x	0.01763498	0.01270996	3.44E-05
2w4w_SITTC4_AAAGAACAGCCTAGGA-1-10x	0.06303241	0.17434941	0.00052741
2w4w_SITTC4_AAAGGATGTCTCATC-1-10x	0.02536443	0.04023098	4.00E-05
2w4w_SITTC4_AAAGTGAAGGGAGAAT-1-10x	0.04604926	0.11388019	0.00010046

2w4w_SITTC4_AAATGGATCACGTAGT-1-10x	0.05256591	0.13708301	0.00017575
2w4w_SITTC4_AACAAAGGTTCTGAGT-1-10x	0.03872148	0.08778931	6.36E-05
2w4w_SITTC4_AACAACCGTTCTCCTG-1-10x	0.01691846	0.01015877	3.38E-05
2w4w_SITTC4_AACACACCAGTTGGTT-1-10x	0.2486671	0.83530945	0.00081888
2w4w_SITTC4_AACACACGTGTCCAAT-1-10x	0.08795287	0.26307973	0.0041422
2w4w_SITTC4_AACCAACTCAGAATAG-1-10x	0.05008085	0.12823483	0.00013566
2w4w_SITTC4_AACCAACTCCGGCAAC-1-10x	0.22937453	0.7666174	0.0009522
2w4w_SITTC4_AACCACAAGTCACACT-1-10x	0.03992602	0.09207815	7.01E-05
2w4w_SITTC4_AACCATGCACAGCCAC-1-10x	0.03327389	0.06839295	5.00E-05
2w4w_SITTC4_AACCCAATCAGCATTG-1-10x	0.04069511	0.09481653	7.01E-05
2w4w_SITTC4_AACCTTTGTAGCACGA-1-10x	0.02317821	0.03244686	3.83E-05
2w4w_SITTC4_AAGAACACAAGTCATC-1-10x	0.16994104	0.555002	0.0016584
2w4w_SITTC4_AAGACAAAGTCTCTGA-1-10x	0.02570136	0.04143065	4.00E-05
2w4w_SITTC4_AAGACTCTCACCTCTG-1-10x	0.08507905	0.25284737	0.0037839
2w4w_SITTC4_AAGATAGCACAAATAG-1-10x	0.02352229	0.03367196	3.83E-05
2w4w_SITTC4_AAGCCATGTCTCTCAC-1-10x	0.01666104	0.00924221	3.38E-05
2w4w_SITTC4_AAGCGAGAGCAGATAT-1-10x	0.04426771	0.1075369	8.81E-05
2w4w_SITTC4_AAGGAATGTGTCTAAC-1-10x	0.11900074	0.37362698	0.0023317
2w4w_SITTC4_AAGTGAATCAGTCACA-1-10x	0.04403888	0.10672215	8.81E-05
2w4w_SITTC4_AATCGACAGAGGGTGG-1-10x	0.04639459	0.11510977	0.00010046
2w4w_SITTC4_AATCGACCAGGCGAAT-1-10x	0.1036519	0.3189768	0.0038193
2w4w_SITTC4_AATGGAAAGACGCCCT-1-10x	0.03513629	0.07502411	5.37E-05
2w4w_SITTC4_AATGGAATCTAGAGCT-1-10x	0.17354909	0.5678486	0.0015922
2w4w_SITTC4_AATTCTGTACTGCGC-1-10x	0.03538193	0.07589873	5.58E-05
2w4w_SITTC4_ACAAAGAAGCTGAGTG-1-10x	0.23721425	0.79453105	0.00088935
2w4w_SITTC4_ACACCAAAGGTACCTT-1-10x	0.05712133	0.15330276	0.00028394
2w4w_SITTC4_ACACCAACATGACTGT-1-10x	0.05431854	0.14332332	0.00021164
2w4w_SITTC4_ACAGAAAAGATCCTAC-1-10x	0.24843068	0.83446765	0.00081888
2w4w_SITTC4_ACATCGATCAAAGCCT-1-10x	0.10229866	0.31415853	0.0039137
2w4w_SITTC4_ACCAAACTCGTGGGTC-1-10x	0.18495314	0.6084532	0.0013959
2w4w_SITTC4_ACCTGTCTCATTCCA-1-10x	0.16232829	0.52789646	0.001776
2w4w_SITTC4_ACGATCAAGCGATGGT-1-10x	0.01679036	0.00970264	3.38E-05
2w4w_SITTC4_ACGCACGAGTCGCTAT-1-10x	0.15257119	0.49315593	0.0018651
2w4w_SITTC4_ACGGGTCAGACTTCGT-1-10x	0.02293184	0.03156967	3.76E-05
2w4w_SITTC4_ACTACGAGTATGAAGT-1-10x	0.05766653	0.15524398	0.00028394
2w4w_SITTC4_ACTATGGGTACGACAG-1-10x	0.03929566	0.0898337	6.67E-05
2w4w_SITTC4_ACTATGGGTGGTCTTA-1-10x	0.04824803	0.12170902	0.00011598
2w4w_SITTC4_ACTATTCCAACGCATT-1-10x	0.04132907	0.09707375	7.40E-05
2w4w_SITTC4_ACTATTCTCATGGAGG-1-10x	0.08033777	0.23596585	0.0029431
2w4w_SITTC4_ACTCTCGGTCGTAATC-1-10x	0.017022	0.01052743	3.38E-05
2w4w_SITTC4_ACTTCCGTCATGAAAG-1-10x	0.04597902	0.11363011	0.00010046

2w4w_SITTC4_AGAAATGCACAGTCAT-1-10x	0.04952167	0.12624387	0.00013566
2w4w_SITTC4_AGAACCTAGGTAAAGG-1-10x	0.01968497	0.02000905	3.55E-05
2w4w_SITTC4_AGAAGCGTCTACCACC-1-10x	0.05440104	0.14361706	0.00021164
2w4w_SITTC4_AGATAGATCAGCCTCT-1-10x	0.01802933	0.01411405	3.44E-05
2w4w_SITTC4_AGATCCAGTGCTTCAA-1-10x	0.07594327	0.22031906	0.0020486
2w4w_SITTC4_AGATCGTTCTGGAGAG-1-10x	0.05090325	0.13116302	0.00014746
2w4w_SITTC4_AGCATCATCGAAATCC-1-10x	0.10265201	0.31541663	0.0039137
2w4w_SITTC4_AGCCACGCAGTGGTGA-1-10x	0.09810785	0.29923695	0.0042943
2w4w_SITTC4_AGCGTATTCGTTTCA-1-10x	0.04335971	0.10430393	8.29E-05
2w4w_SITTC4_AGCTCAAAGAAATGGG-1-10x	0.02417783	0.03600603	3.91E-05
2w4w_SITTC4_AGCTTCCAGGATATAC-1-10x	0.07905721	0.23140636	0.002576
2w4w_SITTC4_AGGACTTAGGGAGTTC-1-10x	0.03044679	0.05832693	4.55E-05
2w4w_SITTC4_AGGATAAAGGCAGGTT-1-10x	0.25233158	0.84835696	0.00080028
2w4w_SITTC4_AGGGCTCAGCAGCACA-1-10x	0.02875072	0.05228802	4.42E-05
2w4w_SITTC4_AGGGTGACAAATTGGA-1-10x	0.01613046	0.00735306	3.33E-05
2w4w_SITTC4_AGGTCTACAGACCCGT-1-10x	0.0903034	0.27144888	0.0042999
2w4w_SITTC4_AGGTTACCAGTCTGGC-1-10x	0.04445685	0.10821034	8.81E-05
2w4w_SITTC4_AGTACCAAGTAGGGTC-1-10x	0.07293626	0.20961247	0.0015819
2w4w_SITTC4_AGTACTGTCTAACGCA-1-10x	0.0294882	0.05491385	4.42E-05
2w4w_SITTC4_AGTAGCTCACGGTGTC-1-10x	0.0402458	0.09321673	7.01E-05
2w4w_SITTC4_AGTCACACAAAGACTA-1-10x	0.04669146	0.11616676	0.00010777
2w4w_SITTC4_AGTCATGGTGCGTAA-1-10x	0.01506997	0.00357713	3.27E-05
2w4w_SITTC4_AGTCTCCAGGTCGAGT-1-10x	0.02029982	0.02219825	3.62E-05
2w4w_SITTC4_AGTGATCGTCTCACAA-1-10x	0.04296647	0.10290381	8.29E-05
2w4w_SITTC4_AGTGTTGCATGTGACT-1-10x	0.07524246	0.2178238	0.001885
2w4w_SITTC4_AGTTCCAGCTAGCCC-1-10x	0.02394079	0.03516204	3.91E-05
2w4w_SITTC4_AGTTCCCGTGTGTTTG-1-10x	0.04357303	0.10506347	8.29E-05
2w4w_SITTC4_ATACCTTCAATTCGTG-1-10x	0.05220339	0.13579224	0.00017575
2w4w_SITTC4_ATACTTCGTAGATCGG-1-10x	0.04564218	0.11243077	0.00010046
2w4w_SITTC4_ATACTTCTCCGAAGGA-1-10x	0.04580118	0.1129969	0.00010046
2w4w_SITTC4_ATAGACCGTGGTCAAG-1-10x	0.05906849	0.16023572	0.00034795
2w4w_SITTC4_ATAGAGAAGCGGTATG-1-10x	0.04636896	0.1150185	0.00010046
2w4w_SITTC4_ATCACAGGTCATGGCC-1-10x	0.07464923	0.21571158	0.0017292
2w4w_SITTC4_ATCACAGGTGTTTACG-1-10x	0.08690454	0.2593471	0.0040384
2w4w_SITTC4_ATCACGATCTCATAGG-1-10x	0.08691672	0.25939047	0.0040384
2w4w_SITTC4_ATCATTCAGATTGAGT-1-10x	0.25070143	0.8425527	0.00080923
2w4w_SITTC4_ATCCACCAAGTTTGC-1-10x	0.04258417	0.10154259	7.82E-05
2w4w_SITTC4_ATCGGATAGCGAGAAA-1-10x	0.1641037	0.5342179	0.0017494
2w4w_SITTC4_ATCGGCGGTATGGAAT-1-10x	0.05050668	0.12975103	0.00014746
2w4w_SITTC4_ATCGTGATCGTTGTGA-1-10x	0.02702578	0.0461463	4.19E-05
2w4w_SITTC4_ATGAGGGAGACCTCCG-1-10x	0.02252993	0.03013865	3.76E-05

2w4w_SITTC4_ATGAGTCAGCTCCATA-1-10x	0.07264043	0.20855919	0.0014433
2w4w_SITTC4_ATGCATGTCTCCGAGG-1-10x	0.20233208	0.67033166	0.0011792
2w4w_SITTC4_ATGGGAGGTTTAGTCG-1-10x	0.04853363	0.1227259	0.00012523
2w4w_SITTC4_ATGGGTTTCGTAAGT-1-10x	0.08352748	0.24732296	0.0034742
2w4w_SITTC4_ATGTCCCCACGTA-1-10x	0.03301035	0.06745462	5.00E-05
2w4w_SITTC4_ATTATCCGTAGGACTG-1-10x	0.11784898	0.36952606	0.002453
2w4w_SITTC4_ATTCCTAAGAAACT-1-10x	0.2800752	0.9471392	0.00075303
2w4w_SITTC4_ATTCCTAGTTCGTGCG-1-10x	0.04458014	0.10864931	8.81E-05
2w4w_SITTC4_ATTGGGTCATTGACAC-1-10x	0.04789767	0.12046153	0.00011598
2w4w_SITTC4_ATTGGGTGTATCCTTT-1-10x	0.05465341	0.14451563	0.00021164
2w4w_SITTC4_ATTGGGTTCTGATAG-1-10x	0.03782397	0.08459371	6.07E-05
2w4w_SITTC4_ATTGTTCTCGCTCATC-1-10x	0.24922448	0.837294	0.00081888
2w4w_SITTC4_ATTTACCATAACTCG-1-10x	0.04533862	0.11134993	9.39E-05
2w4w_SITTC4_ATTTCTGCATGCAGGA-1-10x	0.04214341	0.09997325	7.82E-05
2w4w_SITTC4_CAACAACAGTCTGCGC-1-10x	0.21351723	0.71015686	0.0010778
2w4w_SITTC4_CAACGGCGTGGGCTTC-1-10x	0.01964226	0.01985697	3.55E-05
2w4w_SITTC4_CAAGCTAGTTAACAGA-1-10x	0.10069288	0.30844107	0.0040879
2w4w_SITTC4_CAATGACCACCTATCC-1-10x	0.25980845	0.87497866	0.00077221
2w4w_SITTC4_CAATGACGTGACGCT-1-10x	0.17903812	0.5873925	0.0014915
2w4w_SITTC4_CAATTTAGCTAAATG-1-10x	0.02645461	0.04411262	4.09E-05
2w4w_SITTC4_CACAGGCCAAAGGCGT-1-10x	0.28208733	0.9543035	0.00075401
2w4w_SITTC4_CACCAAAGTAAGCGGT-1-10x	0.02568153	0.04136004	4.00E-05
2w4w_SITTC4_CACCGTTTCTAGGCCG-1-10x	0.04309532	0.10336258	8.29E-05
2w4w_SITTC4_CAGCACGGTTATGTCG-1-10x	0.1922053	0.6342748	0.0012861
2w4w_SITTC4_CAGGCCACACGTA-1-10x	0.04083847	0.09532694	7.40E-05
2w4w_SITTC4_CATAAGCGTAAGGCTG-1-10x	0.08686994	0.2592239	0.0040384
2w4w_SITTC4_CATACAGAGTTTCGGT-1-10x	0.09435171	0.28586307	0.0044154
2w4w_SITTC4_CATACTTGTCTGTCCT-1-10x	0.03165175	0.06261726	4.83E-05
2w4w_SITTC4_CATCAAGAGAGAAGGT-1-10x	0.04138487	0.09727245	7.40E-05
2w4w_SITTC4_CATCAAGAGAGCTTTC-1-10x	0.02433547	0.03656735	3.91E-05
2w4w_SITTC4_CATCCGTAGGGTTAGC-1-10x	0.05918531	0.16065164	0.00034795
2w4w_SITTC4_CATCGCTCAGGACATG-1-10x	0.01866112	0.01636357	3.49E-05
2w4w_SITTC4_CATGCCTCATTCTCCG-1-10x	0.01840769	0.01546124	3.49E-05
2w4w_SITTC4_CATGCTCCAGCCATTA-1-10x	0.09327158	0.2820172	0.0044107
2w4w_SITTC4_CATTCATAGGAGGCAG-1-10x	0.04508325	0.11044066	9.39E-05
2w4w_SITTC4_CATTCCGAGATTAGCA-1-10x	0.24526566	0.82319844	0.00084014
2w4w_SITTC4_CATTGAGTCTACACAG-1-10x	0.05200277	0.13507792	0.00016076
2w4w_SITTC4_CCACAAAAGGCAGTCA-1-10x	0.07507488	0.21722713	0.001885
2w4w_SITTC4_CCACAAAGTCGAATGG-1-10x	0.01791288	0.01369943	3.44E-05
2w4w_SITTC4_CCACGTTGTGTATTGC-1-10x	0.01960852	0.01973684	3.55E-05
2w4w_SITTC4_CCATAAGGTCTGTCC-1-10x	0.11233058	0.34987757	0.0028393

2w4w_SITTC4_CCCTAACTCGGTTAGT-1-10x	0.02100188	0.02469795	3.62E-05
2w4w_SITTC4_CCCTTAGTCTATGCCC-1-10x	0.08981738	0.26971838	0.0042999
2w4w_SITTC4_CCGAACGAGCAAGTCG-1-10x	0.03890298	0.08843558	6.36E-05
2w4w_SITTC4_CCGGGTAGTCATTCCC-1-10x	0.08687431	0.2592395	0.0040384
2w4w_SITTC4_CCGGTAGTCGCCTTGT-1-10x	0.09766886	0.2976739	0.0042943
2w4w_SITTC4_CCGTGAGAGCCACCGT-1-10x	0.24785583	0.8324208	0.00082396
2w4w_SITTC4_CCGTGAGCACACGTGC-1-10x	0.08221486	0.24264932	0.0033032
2w4w_SITTC4_CCGTGAGCACCGGTCA-1-10x	0.1103456	0.34280998	0.0031181
2w4w_SITTC4_CCTAAGATCCGATTAG-1-10x	0.06572878	0.18394993	0.00072102
2w4w_SITTC4_CCTATCGTCGTCTCAC-1-10x	0.17968585	0.5896988	0.0014915
2w4w_SITTC4_CCTCCAAGTAGCTTAC-1-10x	0.03163884	0.0625713	4.83E-05
2w4w_SITTC4_CCTCCTCCAGTATACC-1-10x	0.04504159	0.11029233	9.39E-05
2w4w_SITTC4_CGAAGGATCACTGTCC-1-10x	0.03709802	0.08200894	6.07E-05
2w4w_SITTC4_CGAGTTAAGACCAAGC-1-10x	0.18866718	0.6216772	0.001338
2w4w_SITTC4_CGCATAAAGGCACTAG-1-10x	0.22874321	0.76436955	0.0009522
2w4w_SITTC4_CGCATGGTCGAAATCC-1-10x	0.20056415	0.66403687	0.0011888
2w4w_SITTC4_CGCCAGAGTTGTTGTG-1-10x	0.02185808	0.02774649	3.69E-05
2w4w_SITTC4_CGGAATTCAGAACCT-1-10x	0.04487463	0.10969788	9.39E-05
2w4w_SITTC4_CGAGAGAACAACACTGCGTG-1-10x	0.03047748	0.05843623	4.55E-05
2w4w_SITTC4_CGGCAGTCATACCATG-1-10x	0.08377812	0.24821536	0.0034742
2w4w_SITTC4_CGGGTCATCCGACGGT-1-10x	0.23273398	0.7785789	0.00092358
2w4w_SITTC4_CGGGTGTGTGCAACGA-1-10x	0.03600953	0.07813331	5.58E-05
2w4w_SITTC4_CGGTCAGTTTTCCAAG-1-10x	0.1361799	0.43479407	0.0018891
2w4w_SITTC4_CGTAAGTAGGGCAGAG-1-10x	0.04434068	0.10779671	8.81E-05
2w4w_SITTC4_CGTCAAACAAAGGATT-1-10x	0.02695113	0.04588052	4.19E-05
2w4w_SITTC4_CGTGATATCTCTCGCA-1-10x	0.09746254	0.29693928	0.0042943
2w4w_SITTC4_CGTGTCTGTTGTTGCA-1-10x	0.07743175	0.22561885	0.0022191
2w4w_SITTC4_CGTTAGAGTCGAGCAA-1-10x	0.02005894	0.02134058	3.55E-05
2w4w_SITTC4_CGTTCTGCAGTCAGCC-1-10x	0.18816014	0.61987185	0.0013519
2w4w_SITTC4_CTAACITTCGTGGGTC-1-10x	0.2521095	0.8475662	0.00080467
2w4w_SITTC4_CTAAGTGTCGAGTGA-1-10x	0.02058833	0.02322547	3.62E-05
2w4w_SITTC4_CTACAGAGTCTACGTA-1-10x	0.0851603	0.25313666	0.0037839
2w4w_SITTC4_CTACAGATCGATTCCC-1-10x	0.05716535	0.1534595	0.00028394
2w4w_SITTC4_CTACCTGTCCAGTGTA-1-10x	0.2896724	0.9813105	0.0007606
2w4w_SITTC4_CTACGGGCAGACAAGC-1-10x	0.09252572	0.27936155	0.0044107
2w4w_SITTC4_CTAATATAGTAATACG-1-10x	0.12864444	0.40796375	0.0019821
2w4w_SITTC4_CTATAGGTCTAGTCAG-1-10x	0.10863462	0.33671796	0.0032165
2w4w_SITTC4_CTATCCGTCACCGACG-1-10x	0.10921121	0.33877096	0.0032165
2w4w_SITTC4_CTATCTACACGGCTAC-1-10x	0.02314742	0.03233723	3.83E-05
2w4w_SITTC4_CTCAAGAAGGTGAGCT-1-10x	0.0528691	0.13816252	0.00017575
2w4w_SITTC4_CTCAAGATCTCCAAGA-1-10x	0.09223199	0.27831572	0.0043903

2w4w_SITTC4_CTCAGAAAGGAAAGGT-1-10x	0.01935923	0.01884924	3.55E-05
2w4w_SITTC4_CTCATGCCATTGGCAT-1-10x	0.0345787	0.07303879	5.37E-05
2w4w_SITTC4_CTCATTAAGTCAAGCG-1-10x	0.02599921	0.04249114	4.09E-05
2w4w_SITTC4_CTCATTAGTAGCGCTC-1-10x	0.2307303	0.7714447	0.00093779
2w4w_SITTC4_CTCCAACCAGCTGTGC-1-10x	0.0353369	0.0757384	5.58E-05
2w4w_SITTC4_CTCCACACACACCAGC-1-10x	0.02207635	0.02852364	3.76E-05
2w4w_SITTC4_CTCCACACAGAACCGA-1-10x	0.05321654	0.13939959	0.00019264
2w4w_SITTC4_CTCCACAGTTAGGGTG-1-10x	0.10752279	0.33275926	0.0034182
2w4w_SITTC4_CTCTCAGAGGGAGGTG-1-10x	0.01671205	0.00942382	3.38E-05
2w4w_SITTC4_CTCTCAGGTGATAGAT-1-10x	0.02894344	0.05297422	4.42E-05
2w4w_SITTC4_CTGAATGTCCCGTGTT-1-10x	0.05569155	0.14821199	0.000233
2w4w_SITTC4_CTGAGCGGTACAGAAT-1-10x	0.09444098	0.2861809	0.0044051
2w4w_SITTC4_CTGCAGGCAGAGTCTT-1-10x	0.09289187	0.28066525	0.0044107
2w4w_SITTC4_CTGCATCCAAGAGGCT-1-10x	0.04311355	0.10342747	8.29E-05
2w4w_SITTC4_CTGCCTAAGCGAATGC-1-10x	0.13109997	0.41670677	0.001934
2w4w_SITTC4_CTGCGAGAGATACATG-1-10x	0.04240808	0.10091562	7.82E-05
2w4w_SITTC4_CTGTGGCAGAGGGTT-1-10x	0.22640549	0.756046	0.00097406
2w4w_SITTC4_CTTAGGAAGGTCGAGT-1-10x	0.0234416	0.03338467	3.83E-05
2w4w_SITTC4_CTTCCGGTTCATGTCAG-1-10x	0.05529752	0.146809	0.000233
2w4w_SITTC4_CTTGAGATCGCCTTGT-1-10x	0.0627408	0.17331113	0.00052741
2w4w_SITTC4_CTTTCAACAACCCGCA-1-10x	0.01911823	0.01799113	3.49E-05
2w4w_SITTC4_GAAACCTGTGTGTGTT-1-10x	0.19887099	0.6580083	0.0012085
2w4w_SITTC4_GAAATGAAGAGCTGAC-1-10x	0.03846034	0.08685952	6.36E-05
2w4w_SITTC4_GAAATGAAGTAGCAAT-1-10x	0.0681768	0.19266622	0.00097948
2w4w_SITTC4_GAAGAATCATCATTGG-1-10x	0.01527021	0.00429009	3.27E-05
2w4w_SITTC4_GAATAGAAGAGGCCAT-1-10x	0.07651664	0.22236058	0.0020486
2w4w_SITTC4_GAATCGTAGAGGCGTT-1-10x	0.05661782	0.15151	0.000257
2w4w_SITTC4_GACACGCAGGTTGGTG-1-10x	0.01642511	0.00840215	3.38E-05
2w4w_SITTC4_GACATCACAAGGACAC-1-10x	0.04946793	0.12605251	0.00013566
2w4w_SITTC4_GACGCTGAGAGAAGGT-1-10x	0.14508885	0.46651477	0.0018716
2w4w_SITTC4_GAGACTTCAATGTCTG-1-10x	0.04538589	0.11151825	9.39E-05
2w4w_SITTC4_GAGCCTGAGGTACCTT-1-10x	0.05632904	0.15048179	0.000257
2w4w_SITTC4_GAGGCAAAGGACAGTC-1-10x	0.02102381	0.02477602	3.62E-05
2w4w_SITTC4_GAGTGTTAGCGCCTTG-1-10x	0.03669119	0.08056038	5.82E-05
2w4w_SITTC4_GATAGAAGTTGTAGCT-1-10x	0.02702429	0.046141	4.19E-05
2w4w_SITTC4_GATCATGAGTCAATCC-1-10x	0.05383411	0.14159846	0.00019264
2w4w_SITTC4_GATCCCTCAACTGTGT-1-10x	0.04900801	0.12441494	0.00012523
2w4w_SITTC4_GATGAGGAGGTTGCC-1-10x	0.07634888	0.22176325	0.0020486
2w4w_SITTC4_GATGCTATCCAAACCA-1-10x	0.07105889	0.20292804	0.0013138
2w4w_SITTC4_GATGCTATCCTAAGTG-1-10x	0.20988275	0.6972161	0.0011095
2w4w_SITTC4_GCAACCGAGGAACGAA-1-10x	0.04962613	0.12661579	0.00013566

2w4w_SITTC4_GCAGCCAGTCGTTATG-1-10x	0.08210479	0.24225739	0.0031253
2w4w_SITTC4_GCATTAGTCGGATTAC-1-10x	0.05568695	0.1481956	0.000233
2w4w_SITTC4_GCCAACGAGTGAACAT-1-10x	0.03638692	0.07947702	5.82E-05
2w4w_SITTC4_GCCAGTGTGAGGCAA-1-10x	0.0180119	0.014052	3.44E-05
2w4w_SITTC4_GCCCAGAAGAAATGGG-1-10x	0.03606654	0.0783363	5.58E-05
2w4w_SITTC4_GCCGATGCACCTGAAT-1-10x	0.07606886	0.22076625	0.0020486
2w4w_SITTC4_GCCGATGGTTTGTGGT-1-10x	0.0458812	0.11328182	0.00010046
2w4w_SITTC4_GCGGATCCAAGCAATA-1-10x	0.04963255	0.12663867	0.00013566
2w4w_SITTC4_GCGGATCCAGAAGTTA-1-10x	0.2911836	0.9866911	0.00076269
2w4w_SITTC4_GCTACCTAGCGAAACC-1-10x	0.0272381	0.04690227	4.19E-05
2w4w_SITTC4_GCTCAAATCGCACTCT-1-10x	0.02903031	0.0532835	4.42E-05
2w4w_SITTC4_GGAACCCGTTGCGAAG-1-10x	0.0333088	0.06851725	5.00E-05
2w4w_SITTC4_GGAGGATAGGAACTCG-1-10x	0.04412933	0.10704421	8.81E-05
2w4w_SITTC4_GGATGTTGTATCACGT-1-10x	0.12677701	0.4013147	0.0020256
2w4w_SITTC4_GGCAGTCAGATGGCGT-1-10x	0.04234118	0.10067741	7.82E-05
2w4w_SITTC4_GGCAGTCGTCATCACA-1-10x	0.08353812	0.24736081	0.0034742
2w4w_SITTC4_GGCGTCAAGGCGATAC-1-10x	0.14228033	0.4565149	0.0018724
2w4w_SITTC4_GGCTTGGTCGCGATCG-1-10x	0.06058863	0.16564824	0.00042799
2w4w_SITTC4_GGGAAGTAGTCATCGT-1-10x	0.12867272	0.40806445	0.0019821
2w4w_SITTC4_GGGAAGTCATGACTGT-1-10x	0.18327798	0.6024887	0.0014268
2w4w_SITTC4_GGGAAGTGTCCGAAGA-1-10x	0.07464786	0.2157067	0.0017292
2w4w_SITTC4_GGGATCCCAACGCATT-1-10x	0.10938935	0.3394052	0.0032165
2w4w_SITTC4_GGGCCATCAGATAAAC-1-10x	0.08471867	0.2515642	0.0036353
2w4w_SITTC4_GGGCTCATCTCTTGCG-1-10x	0.05286662	0.1381537	0.00017575
2w4w_SITTC4_GGGTTTAAGGAAGTAG-1-10x	0.11457793	0.35787937	0.0026715
2w4w_SITTC4_GGTAGAGCAACGGGTA-1-10x	0.05543218	0.14728847	0.000233
2w4w_SITTC4_GGTCACGAGGCGTCCT-1-10x	0.03369457	0.06989081	5.17E-05
2w4w_SITTC4_GGTCTGGTCGCAAGAG-1-10x	0.01664959	0.00920144	3.38E-05
2w4w_SITTC4_GTAACCAAGAAGATCT-1-10x	0.03231635	0.06498359	4.83E-05
2w4w_SITTC4_GTAATCGGTCTTCATT-1-10x	0.28199214	0.9539646	0.00075401
2w4w_SITTC4_GTAATGCCAATTCACG-1-10x	0.13586643	0.43367797	0.0018891
2w4w_SITTC4_GTAGAGGCAGAAGTGC-1-10x	0.049836	0.12736303	0.00013566
2w4w_SITTC4_GTAGGAGCACGGGCTT-1-10x	0.2551297	0.85831976	0.00078825
2w4w_SITTC4_GTAGTTTTCCGCACGA-1-10x	0.03741	0.08311974	6.07E-05
2w4w_SITTC4_GTAGTACGTTCTACC-1-10x	0.04566118	0.11249841	0.00010046
2w4w_SITTC4_GTCACTCGTATACAGA-1-10x	0.07908356	0.2315002	0.002576
2w4w_SITTC4_GTCATTTAGGGCAAGG-1-10x	0.03162273	0.06251393	4.83E-05
2w4w_SITTC4_GTCCCATAGTTCCGGC-1-10x	0.0160609	0.00710538	3.33E-05
2w4w_SITTC4_GTCGCGAGTCAAGCCC-1-10x	0.15815075	0.5130222	0.0018302
2w4w_SITTC4_GTCGTAAAGCGTGGT-1-10x	0.04711329	0.11766871	0.00010777
2w4w_SITTC4_GTCGTAATCCGCGATG-1-10x	0.03551297	0.07636528	5.58E-05

2w4w_SITTC4_GTCGTTCTGTTATGTCG-1-10x	0.02646372	0.04414504	4.09E-05
2w4w_SITTC4_GTCTACCTCGTGCAGC-1-10x	0.2616763	0.8816292	0.00076727
2w4w_SITTC4_GTCTAGAAGATCCCAT-1-10x	0.1778457	0.58314687	0.0015248
2w4w_SITTC4_GTGAGCCGTCATATGC-1-10x	0.29351833	0.9950041	0.000766
2w4w_SITTC4_GTGAGGATCAGCCCAG-1-10x	0.04095514	0.09574236	7.40E-05
2w4w_SITTC4_GTGAGGATCGCAGATT-1-10x	0.07875151	0.23031792	0.002576
2w4w_SITTC4_GTGATGTCAGTCCCGA-1-10x	0.11057347	0.3436213	0.0030221
2w4w_SITTC4_GTGCAGCAGACCCGCT-1-10x	0.1941444	0.6411791	0.0012624
2w4w_SITTC4_GTGCAGCAGCCTCTGG-1-10x	0.09503461	0.28829458	0.0044051
2w4w_SITTC4_GTGCAGCCAGAACCGA-1-10x	0.02877535	0.0523757	4.42E-05
2w4w_SITTC4_GTGCTTCAGTCGGCAA-1-10x	0.0436621	0.10538061	8.81E-05
2w4w_SITTC4_GTGCTTCTCAAGTCGT-1-10x	0.02162989	0.02693402	3.69E-05
2w4w_SITTC4_GTGGAAGTCCAAACCA-1-10x	0.05237852	0.1364158	0.00017575
2w4w_SITTC4_GTGAGAGTGGTAACG-1-10x	0.03080779	0.05961229	4.68E-05
2w4w_SITTC4_GTGTAACGTATGGTTC-1-10x	0.01555362	0.00529921	3.33E-05
2w4w_SITTC4_GTGTTAGGTTCCGGTAT-1-10x	0.21935153	0.7309301	0.0010253
2w4w_SITTC4_GTTACCCGTAACAAGT-1-10x	0.03635186	0.07935218	5.82E-05
2w4w_SITTC4_GTTGAACAGTTGGCTT-1-10x	0.05424115	0.14304778	0.00021164
2w4w_SITTC4_GTTGTCCAGCCTCACG-1-10x	0.05022493	0.12874787	0.00013566
2w4w_SITTC4_GTTGTCTCTACTTCA-1-10x	0.2583056	0.8696277	0.000778
2w4w_SITTC4_GTTTACTGTACTCA-1-10x	0.02652824	0.04437478	4.09E-05
2w4w_SITTC4_TAACACGTCCACATAG-1-10x	0.13521053	0.4313426	0.0018953
2w4w_SITTC4_TAACCAGAGCACACAG-1-10x	0.10247508	0.31478664	0.0039137
2w4w_SITTC4_TAAGCCATCGCATAGT-1-10x	0.02419631	0.03607184	3.91E-05
2w4w_SITTC4_TAAGTCGAGGCCTTGC-1-10x	0.16431907	0.5349847	0.0017494
2w4w_SITTC4_TAACTCTCGTCCCTGAG-1-10x	0.0667615	0.187627	0.00079936
2w4w_SITTC4_TACCTGCGTCCAGCGT-1-10x	0.24819888	0.8336423	0.00082396
2w4w_SITTC4_TACGGGCAGACAAGCC-1-10x	0.03280703	0.06673066	5.00E-05
2w4w_SITTC4_TACGGGCTCCGATGTA-1-10x	0.2726735	0.9207851	0.000753
2w4w_SITTC4_TACGGTAAGCGCCAT-1-10x	0.01856207	0.0160109	3.49E-05
2w4w_SITTC4_TACGGTACTACTAGAGG-1-10x	0.09455049	0.28657085	0.0044051
2w4w_SITTC4_TACGTCCCATTACGGT-1-10x	0.119296	0.37467825	0.0023317
2w4w_SITTC4_TACTGCCTCTTAGGAC-1-10x	0.02937719	0.05451858	4.42E-05
2w4w_SITTC4_TACTTACGTGGAAGCA-1-10x	0.04110682	0.09628243	7.40E-05
2w4w_SITTC4_TACTTACTCGGCATAT-1-10x	0.04310065	0.10338154	8.29E-05
2w4w_SITTC4_TACTTCATCGCAGAGA-1-10x	0.03852047	0.08707364	6.36E-05
2w4w_SITTC4_TAGGGTTCAGGAACCA-1-10x	0.05956543	0.16200508	0.00034795
2w4w_SITTC4_TAGGGTTGTTAGAAAC-1-10x	0.03890387	0.08843872	6.36E-05
2w4w_SITTC4_TAGTGCAAGTCACTAC-1-10x	0.05060437	0.13009885	0.00014746
2w4w_SITTC4_TATCTGTCATAGATGA-1-10x	0.04625936	0.11462826	0.00010046
2w4w_SITTC4_TATCTTGACAGCTTA-1-10x	0.02155213	0.02665716	3.69E-05

2w4w_SITTC4_TATTGCTAGCGATGAC-1-10x	0.23096636	0.77228516	0.00093779
2w4w_SITTC4_TATTTTCGTGAGTCTA-1-10x	0.12514517	0.39550444	0.0020803
2w4w_SITTC4_TCAAGACGTCTAGTGT-1-10x	0.06246446	0.1723272	0.00052741
2w4w_SITTC4_TCAAGTGTCTCGGGAC-1-10x	0.05473863	0.14481907	0.00021164
2w4w_SITTC4_TCACATTTTCATGGAGG-1-10x	0.10278826	0.31590176	0.0039137
2w4w_SITTC4_TCACGCTCAGGTTCCGC-1-10x	0.07644739	0.22211401	0.0020486
2w4w_SITTC4_TCACGGGGTACCTAAC-1-10x	0.02889332	0.05279574	4.42E-05
2w4w_SITTC4_TCATCATGTGTTTCATG-1-10x	0.03789716	0.08485428	6.07E-05
2w4w_SITTC4_TCATCATTCTAGGAAA-1-10x	0.03916173	0.08935685	6.67E-05
2w4w_SITTC4_TCATCCGTCTTAGTTC-1-10x	0.17814909	0.5842271	0.0015081
2w4w_SITTC4_TCATGAGTCTCTTAAC-1-10x	0.03661635	0.08029393	5.82E-05
2w4w_SITTC4_TCATGCCAGTCAGCGA-1-10x	0.09634643	0.29296535	0.0043435
2w4w_SITTC4_TCATTGTAGGGACAGG-1-10x	0.03161129	0.06247321	4.83E-05
2w4w_SITTC4_TCCACGTGTACTGACT-1-10x	0.09439904	0.28603157	0.0044051
2w4w_SITTC4_TCCATCGAGGCTGAAC-1-10x	0.03063987	0.0590144	4.68E-05
2w4w_SITTC4_TCCATGCCAAACTAAG-1-10x	0.05072648	0.13053362	0.00014746
2w4w_SITTC4_TCCCAGTCACAGTACT-1-10x	0.0896706	0.26919577	0.0042295
2w4w_SITTC4_TCCGAAACACCAAAGG-1-10x	0.03289044	0.06702765	5.00E-05
2w4w_SITTC4_TCCGGGAGTGCACATT-1-10x	0.03324196	0.06827926	5.00E-05
2w4w_SITTC4_TCCTTCTGTATGTCTG-1-10x	0.0524822	0.13678494	0.00017575
2w4w_SITTC4_TCGAAGTTCCACCCTA-1-10x	0.25264904	0.84948725	0.00080028
2w4w_SITTC4_TCGATTTTCGGTAACT-1-10x	0.10094209	0.3093284	0.0040879
2w4w_SITTC4_TCGCTCAAGCATACTC-1-10x	0.10939494	0.33942512	0.0032165
2w4w_SITTC4_TCGGATAAGTAGATCA-1-10x	0.0291024	0.05354019	4.42E-05
2w4w_SITTC4_TCGGGTGAGTTGGGAC-1-10x	0.09987591	0.30553222	0.0041652
2w4w_SITTC4_TCGGTCTAGTGGCGAT-1-10x	0.03898694	0.08873449	6.67E-05
2w4w_SITTC4_TCGTAGACAAGGTCTT-1-10x	0.0248901	0.03854211	4.00E-05
2w4w_SITTC4_TCGTGCTTCACCTACC-1-10x	0.1341451	0.42754906	0.0019027
2w4w_SITTC4_TCTAACTCATACACCA-1-10x	0.12446049	0.3930666	0.0020803
2w4w_SITTC4_TCTACATGTGCCACA-1-10x	0.04883432	0.12379653	0.00012523
2w4w_SITTC4_TCTCACGTCCATCACC-1-10x	0.01770698	0.01296633	3.44E-05
2w4w_SITTC4_TCTCCGAAGAAGTCAT-1-10x	0.1085368	0.33636966	0.0032165
2w4w_SITTC4_TCTGGCTTCTACCAC-1-10x	0.05930517	0.16107842	0.00034795
2w4w_SITTC4_TCTGTGAGCGAATGC-1-10x	0.05840966	0.15788992	0.00031414
2w4w_SITTC4_TGAATGCAGCGACCCT-1-10x	0.02817274	0.05023009	4.30E-05
2w4w_SITTC4_TGAGACTAGCGATTCT-1-10x	0.2853461	0.9659065	0.00075686
2w4w_SITTC4_TGAGCATAGCACTCAT-1-10x	0.26711956	0.90101016	0.00075831
2w4w_SITTC4_TGAGCATTCTAGTCA-1-10x	0.14729157	0.47435763	0.0018716
2w4w_SITTC4_TGAGCGCAGGCCGCTT-1-10x	0.14075483	0.45108333	0.0018734
2w4w_SITTC4_TGAGCGCTCACTTATC-1-10x	0.03242645	0.06537561	5.00E-05
2w4w_SITTC4_TGAGGGATCCATAGGT-1-10x	0.15505224	0.50198984	0.0018522

2w4w_SITTC4_TGAGGTTACCTGAAT-1-10x	0.13761628	0.43990836	0.0018802
2w4w_SITTC4_TGAGTCAAGCGTGAGT-1-10x	0.01825976	0.01493452	3.44E-05
2w4w_SITTC4_TGATGGTTCCGTGGGT-1-10x	0.08168109	0.2407488	0.0031253
2w4w_SITTC4_TGATTCTCACCTCGTT-1-10x	0.03579499	0.07736941	5.58E-05
2w4w_SITTC4_TGATTCTCAGCAAGAC-1-10x	0.05059576	0.13006821	0.00014746
2w4w_SITTC4_TGCACGGCAGTGCCTG-1-10x	0.24932592	0.8376551	0.00081888
2w4w_SITTC4_TGCATGAAGTAAGCAT-1-10x	0.11451829	0.357667	0.0026715
2w4w_SITTC4_TGCGACGGTCCAGCAC-1-10x	0.01965187	0.0198912	3.55E-05
2w4w_SITTC4_TGCGGGTAGAATAGTC-1-10x	0.09724607	0.29616854	0.0042943
2w4w_SITTC4_TGCTGAAGTTAAGACA-1-10x	0.01582912	0.00628012	3.33E-05
2w4w_SITTC4_TGCTGAAGTTGCCTAA-1-10x	0.20068146	0.6644546	0.0011888
2w4w_SITTC4_TGCTTCGTCTCTAAT-1-10x	0.26254645	0.8847274	0.00076511
2w4w_SITTC4_TGCTTGCCATCAGTCA-1-10x	0.04647945	0.11541191	0.00010777
2w4w_SITTC4_TGGAATTCGTGAGAG-1-10x	0.03268017	0.066279	5.00E-05
2w4w_SITTC4_TGGAGGACAGACGCTC-1-10x	0.09271667	0.28004146	0.0044107
2w4w_SITTC4_TGGATGTCACCCAACG-1-10x	0.08360774	0.24760872	0.0034742
2w4w_SITTC4_TGGGAAGCAGTTGAAA-1-10x	0.01950866	0.01938127	3.55E-05
2w4w_SITTC4_TGGGATTGTTCAAGTC-1-10x	0.09309242	0.2813793	0.0044107
2w4w_SITTC4_TGGGTTACACATATGC-1-10x	0.08867373	0.2656464	0.0041422
2w4w_SITTC4_TGGGTTATCAATCGGT-1-10x	0.06720706	0.18921342	0.00088537
2w4w_SITTC4_TGTCAGAGTACGGATG-1-10x	0.04016107	0.09291504	7.01E-05
2w4w_SITTC4_TGTCCCAGTGCGTTTA-1-10x	0.23626453	0.79114956	0.00089602
2w4w_SITTC4_TGTCCTGAGCGTCGAA-1-10x	0.02220654	0.02898718	3.76E-05
2w4w_SITTC4_TGTGCGGAGTCAAGCG-1-10x	0.02815577	0.05016968	4.30E-05
2w4w_SITTC4_TGTTCTATCCTTGAAG-1-10x	0.04084692	0.09535705	7.40E-05
2w4w_SITTC4_TGTTGAGGTCTAGTGT-1-10x	0.03495665	0.07438449	5.37E-05
2w4w_SITTC4_TGTTTGTCTGAATCG-1-10x	0.01531028	0.00443276	3.27E-05
2w4w_SITTC4_TGTTTGTCTTCCCAG-1-10x	0.10063569	0.30823746	0.0040879
2w4w_SITTC4_TTACCATAGTTCCATG-1-10x	0.08001711	0.23482414	0.0027593
2w4w_SITTC4_TTACCATCAGAGAGGG-1-10x	0.02837469	0.05094913	4.30E-05
2w4w_SITTC4_TTACCCGGTCTGAAT-1-10x	0.08453458	0.25090876	0.0036353
2w4w_SITTC4_TTCAGGAGTAAGCGGT-1-10x	0.24505118	0.8224348	0.00084014
2w4w_SITTC4_TTCATTGGTTCGTTGCG-1-10x	0.27588606	0.9322236	0.00075214
2w4w_SITTC4_TTCCGTGCAGCCGTCA-1-10x	0.26698065	0.90051556	0.00075831
2w4w_SITTC4_TTCTCTGTACGACAG-1-10x	0.04694706	0.11707684	0.00010777
2w4w_SITTC4_TTCGCTGGTCGATGCC-1-10x	0.10632859	0.32850724	0.00352
2w4w_SITTC4_TTCGGTCAGGACACTG-1-10x	0.08107384	0.23858665	0.0029431
2w4w_SITTC4_TTCGGTCGTCAAATCC-1-10x	0.04625733	0.11462101	0.00010046
2w4w_SITTC4_TTCTAACTCGGCCAAC-1-10x	0.08425175	0.24990173	0.0036353
2w4w_SITTC4_TTCTAGTAGTTGGCGA-1-10x	0.03492429	0.07426927	5.37E-05
2w4w_SITTC4_TTCTAGTGTGACTCGC-1-10x	0.08890618	0.266474	0.0042295

2w4w_SITTC4_TTCTCTCTCCGTTTCG-1-10x	0.07782778	0.22702894	0.0023954
2w4w_SITTC4_TTCTGTAAGTCACTCA-1-10x	0.02249578	0.03001704	3.76E-05
2w4w_SITTC4_TTCTTGAGTCCACAGC-1-10x	0.08728638	0.26070666	0.0040384
2w4w_SITTC4_TTGAACGAGCCGTCGT-1-10x	0.01671417	0.00943138	3.38E-05
2w4w_SITTC4_TTGACCCTCGAGTCTA-1-10x	0.04870045	0.12331986	0.00012523
2w4w_SITTC4_TTGACCCTCGCGTAGC-1-10x	0.01741201	0.01191608	3.44E-05
2w4w_SITTC4_TTGAGTGAGCCGAATG-1-10x	0.01684471	0.00989618	3.38E-05
2w4w_SITTC4_TTGATGGCAAAGGCGT-1-10x	0.02295855	0.03166474	3.76E-05
2w4w_SITTC4_TTGATGGCAACCACAT-1-10x	0.0165842	0.00896861	3.38E-05
2w4w_SITTC4_TTGATGGTCACCTCTG-1-10x	0.03853269	0.08711711	6.36E-05
2w4w_SITTC4_TTGCATTAGCTCGAAG-1-10x	0.04530848	0.11124262	9.39E-05
2w4w_SITTC4_TTGCATTAGACAAAT-1-10x	0.08729468	0.2607362	0.0040384
2w4w_SITTC4_TTGCCTCAGTAGTCTC-1-10x	0.03550377	0.07633252	5.58E-05
2w4w_SITTC4_TTGCCTCAGTAGTGC-1-10x	0.01675926	0.00959193	3.38E-05
2w4w_SITTC4_TTGGATGGTTCTTGCC-1-10x	0.0251479	0.03946002	4.00E-05
2w4w_SITTC4_TTGGGATCAGCGTTTA-1-10x	0.25767323	0.86737615	0.00078121
2w4w_SITTC4_TTGGGCGAGATTTGCC-1-10x	0.13740094	0.43914166	0.0018842
2w4w_SITTC4_TTGGGTAAGTCAGGGT-1-10x	0.02326953	0.03277201	3.83E-05
2w4w_SITTC4_TTGTGTTAGGATACAT-1-10x	0.02862304	0.0518334	4.30E-05
2w4w_SITTC4_TTGTGTTCAATCAAGA-1-10x	0.10049396	0.30773282	0.0040879
2w4w_SITTC4_TTGTGTTCAAATAGG-1-10x	0.02652025	0.04434635	4.09E-05
2w4w_SITTC4_TTGTGTTGACACAGCC-1-10x	0.17584802	0.57603407	0.0015585
2w4w_SITTC4_TTGTGTTGCTAATTCC-1-10x	0.07511948	0.21738593	0.001885
2w4w_SITTC4_TTTACCACAATTGAGA-1-10x	0.04117441	0.09652308	7.40E-05
2w4w_SITTC4_TTTCACAGTTTCTTAC-1-10x	0.02553564	0.04084057	4.00E-05
2w4w_SITTC4_TTTCAGTCATCCGAAT-1-10x	0.23908646	0.8011972	0.00087632
2w4w_SITTC4_TTTCATGAGGATTCT-1-10x	0.10691667	0.33060113	0.0034182
2w4w_SITTC4_TTTCCTCCAGCGTACC-1-10x	0.09313524	0.28153178	0.0044107
2w4w_SITTC4_TTTGATCGTTGCATGT-1-10x	0.28284	0.9569835	0.00075462
2w4w_SITTC4_TTTGGAGTCCCATTTA-1-10x	0.02995446	0.05657397	4.55E-05
2w4w_SITTC4_TTTGTTGCAACCAACT-1-10x	0.18735567	0.6170075	0.0013662
2w4w_SITTC4_AAACCCAAGACTCCGC-1-10x	0.04555025	0.11210343	0.00010046
2w4w_SITTC4_AAACGTTTCGTCAAAC-1-10x	0.04445689	0.10821048	8.81E-05
2w4w_SITTC4_AAAGGTAAGCTGTTCA-1-10x	0.08076721	0.23749489	0.0029431
2w4w_SITTC4_AACCACAGTAGAGTTA-1-10x	0.08471482	0.25155053	0.0036353
2w4w_SITTC4_AATAGAGCAAATACGA-1-10x	0.04313473	0.10350288	8.29E-05
2w4w_SITTC4_AATCACGCAGAGTCAG-1-10x	0.01797227	0.0139109	3.44E-05
2w4w_SITTC4_ACAACCATCCATATGG-1-10x	0.05723084	0.15369269	0.00028394
2w4w_SITTC4_ACACCAAAGGCCATAG-1-10x	0.19447547	0.6423579	0.0012624
2w4w_SITTC4_ACATTTGTTACCTTT-1-10x	0.0432316	0.10384779	8.29E-05
2w4w_SITTC4_ACTTCGCTCCGTAATG-1-10x	0.04120992	0.09664953	7.40E-05

2w4w_SITTC4_AGCTCAACAATCCAGT-1-10x	0.03049211	0.05848829	4.55E-05
2w4w_SITTC4_AGGACGACAGTCCCGA-1-10x	0.01544479	0.00491171	3.27E-05
2w4w_SITTC4_AGTGATCAGCCTCTGG-1-10x	0.04551552	0.11197978	9.39E-05
2w4w_SITTC4_ATACTTCTCTCGTCAC-1-10x	0.15441862	0.4997338	0.0018575
2w4w_SITTC4_ATCCCTGGTTCAATCG-1-10x	0.04793564	0.12059671	0.00011598
2w4w_SITTC4_ATCCGTCAGAAAGCGA-1-10x	0.17057289	0.55725175	0.0016421
2w4w_SITTC4_ATCCTATCAAGTAGTA-1-10x	0.01707882	0.01072973	3.38E-05
2w4w_SITTC4_ATGCGATCAATAGGAT-1-10x	0.29068196	0.98490506	0.00076163
2w4w_SITTC4_ATGGGAGTCCTGTTGC-1-10x	0.02880811	0.05249236	4.42E-05
2w4w_SITTC4_ATTTCTGTCTCGCAT-1-10x	0.01542187	0.00483011	3.27E-05
2w4w_SITTC4_CAACAACCACTATCCC-1-10x	0.21842626	0.7276356	0.0010326
2w4w_SITTC4_CAATGACTCCATCTGC-1-10x	0.08541545	0.25404513	0.0037839
2w4w_SITTC4_CACTTCGGTACTCCGG-1-10x	0.19964972	0.66078097	0.0011985
2w4w_SITTC4_CAGGCCACATGCCATA-1-10x	0.07740568	0.22552605	0.0022191
2w4w_SITTC4_CATCCACAGGGACCAT-1-10x	0.0601229	0.16398999	0.00038577
2w4w_SITTC4_CATCGCTAGCGGTATG-1-10x	0.04272933	0.10205945	8.29E-05
2w4w_SITTC4_CCCAACCTCCACGGAC-1-10x	0.04752306	0.11912773	0.00011598
2w4w_SITTC4_CCGGGTAAGCCAGACA-1-10x	0.07919522	0.23189774	0.002576
2w4w_SITTC4_CGCAGGTAGATAGTGT-1-10x	0.02476407	0.03809338	3.91E-05
2w4w_SITTC4_CGGGTGTCATAGAGGC-1-10x	0.21133251	0.7023781	0.0010934
2w4w_SITTC4_CGGGTGTGTGCGGCTT-1-10x	0.25360575	0.8528937	0.00079608
2w4w_SITTC4_CGTGCTTCTCCACA-1-10x	0.04681623	0.11661102	0.00010777
2w4w_SITTC4_CTCAAGATCTGGGAGA-1-10x	0.09248418	0.27921367	0.0043903
2w4w_SITTC4 CTCAGGGCAGTTAGAA-1-10x	0.02942949	0.0547048	4.42E-05
2w4w_SITTC4 CTGGCAGCATTGGCAT-1-10x	0.08576249	0.2552808	0.0037839
2w4w_SITTC4_GAACTGTAGACTTGTC-1-10x	0.21632744	0.7201627	0.001055
2w4w_SITTC4_GAAGAATCAGGTAGTG-1-10x	0.02618347	0.04314722	4.09E-05
2w4w_SITTC4_GAAGTAAAGCATCAGG-1-10x	0.03693882	0.08144208	5.82E-05
2w4w_SITTC4_GAATCGTAGCCAGACA-1-10x	0.0422391	0.10031395	7.82E-05
2w4w_SITTC4_GACACGCTCGTGGGTC-1-10x	0.01566776	0.00570558	3.33E-05
2w4w_SITTC4_GACTATGGTCGTTCAA-1-10x	0.02035521	0.02239544	3.62E-05
2w4w_SITTC4_GATGATCTCTTGGTCC-1-10x	0.28492016	0.9643899	0.00075605
2w4w_SITTC4_GCCAGGTAGTAACCTC-1-10x	0.02172816	0.02728391	3.69E-05
2w4w_SITTC4_GCCAGGTTGATACTG-1-10x	0.01767916	0.01286728	3.44E-05
2w4w_SITTC4_GCCCAGAGTCGAGATG-1-10x	0.15511547	0.50221497	0.0018522
2w4w_SITTC4_GCGAGAACAGTGGTGA-1-10x	0.02681877	0.04540921	4.19E-05
2w4w_SITTC4_GGATGTTGTACAAGCG-1-10x	0.04233966	0.10067201	7.82E-05
2w4w_SITTC4_GGATGTTTCATCTATC-1-10x	0.02402956	0.03547813	3.91E-05
2w4w_SITTC4_GGCTGTGGTTGTGGAG-1-10x	0.04187503	0.09901767	7.82E-05
2w4w_SITTC4_GGGATGACAACCGATT-1-10x	0.02316544	0.03240139	3.83E-05
2w4w_SITTC4_GTAGCTATCTTACCGC-1-10x	0.01529704	0.00438564	3.27E-05

2w4w_SITTC4_GTAGTACAGCCTCACG-1-10x	0.01621438	0.00765185	3.33E-05
2w4w_SITTC4_GTGAGTTAGCCAAGCA-1-10x	0.05470775	0.1447091	0.00021164
2w4w_SITTC4_GTGTTAGTCATTTGCT-1-10x	0.04577429	0.11290114	0.00010046
2w4w_SITTC4_GTTGCGGAGCAAATCA-1-10x	0.04670056	0.11619916	0.00010777
2w4w_SITTC4_GTTGCGGCAAGCGATG-1-10x	0.04538786	0.11152527	9.39E-05
2w4w_SITTC4_GTTTACTCAGATTTTCG-1-10x	0.08556091	0.25456306	0.0037839
2w4w_SITTC4_TCAAGCACACCCGTAG-1-10x	0.02064555	0.02342922	3.62E-05
2w4w_SITTC4_TCATACTGTACCCACG-1-10x	0.03701979	0.0817304	5.82E-05
2w4w_SITTC4_TGAGGAGAGCGACTGA-1-10x	0.0459503	0.11352784	0.00010046
2w4w_SITTC4_TGGATGTTCTTAGCAG-1-10x	0.04249474	0.10122419	7.82E-05
2w4w_SITTC4_TGGGTTATCGTTAGAC-1-10x	0.07058354	0.20123552	0.0011935
2w4w_SITTC4_TTACTGTTTCATGGTAC-1-10x	0.08746065	0.26132715	0.0040384
2w4w_SITTC4_TTAGGCATCACCGACG-1-10x	0.2635214	0.8881988	0.00076313
2w4w_SITTC4_TTCCTAAGTCACGTGC-1-10x	0.03155014	0.06225547	4.83E-05
2w4w_SITTC4_TTCTAACGTTGATGTC-1-10x	0.01739463	0.01185417	3.44E-05
2w4w_SITTC4_TTCTGTAGTCTGTGTA-1-10x	0.0294762	0.05487112	4.42E-05
2w4w_SITTD4_AAACGAAAGTAAGGGA-1-10x	0.02852002	0.05146661	4.30E-05
2w4w_SITTD4_AAAGGATTCTTCTGGC-1-10x	0.12886116	0.4087354	0.0019821
2w4w_SITTD4_AACCTGAAGACTTCCA-1-10x	0.04219926	0.1001721	7.82E-05
2w4w_SITTD4_AAGACAAAGCCAGTAG-1-10x	0.04589585	0.11333398	0.00010046
2w4w_SITTD4_AAGCATCTCTACGCAA-1-10x	0.11159473	0.34725755	0.002929
2w4w_SITTD4_AAGGTAAGAATCGCG-1-10x	0.05100358	0.13152024	0.00014746
2w4w_SITTD4_AAGTTCGGTCTTGCGG-1-10x	0.01808443	0.01431025	3.44E-05
2w4w_SITTD4_AAGTTCGTCCTTGGA-1-10x	0.23397146	0.782985	0.00091657
2w4w_SITTD4_AATGACCCATCAGCTA-1-10x	0.04478665	0.10938463	9.39E-05
2w4w_SITTD4_AATGCCAAGGCGCTTC-1-10x	0.27338025	0.92330164	0.0007526
2w4w_SITTD4_ACACTGATCGCCAGAC-1-10x	0.02682835	0.04544333	4.19E-05
2w4w_SITTD4_ACAGCCGCAGGTGTGA-1-10x	0.01783239	0.01341283	3.44E-05
2w4w_SITTD4_ACAGCCGTCAGTGTGT-1-10x	0.08725138	0.26058206	0.0040384
2w4w_SITTD4_ACATGCAGTCCCGCAA-1-10x	0.02288009	0.03138539	3.76E-05
2w4w_SITTD4_ACGGTTACTGCGCCA-1-10x	0.0742695	0.21435952	0.0017292
2w4w_SITTD4_ACGTAACGTGCGTCGT-1-10x	0.06932891	0.19676837	0.0010821
2w4w_SITTD4_ACTATTCCATAGATCC-1-10x	0.09037298	0.27169663	0.0042999
2w4w_SITTD4_ACTGTGATCAAGTCGT-1-10x	0.23868865	0.7997807	0.00088278
2w4w_SITTD4_AGAAATGAGACGTCTGA-1-10x	0.03912113	0.08921229	6.67E-05
2w4w_SITTD4_AGACTCAGTCCACTTC-1-10x	0.04077205	0.09509046	7.01E-05
2w4w_SITTD4_AGAGCAGCACCAGACC-1-10x	0.0380789	0.0855014	6.36E-05
2w4w_SITTD4_AGCCAATCAGACTGCC-1-10x	0.2719675	0.9182715	0.000753
2w4w_SITTD4_AGCCAGCCAGTGACCC-1-10x	0.0723394	0.20748734	0.0014433
2w4w_SITTD4_AGAAATAGTTGGAAT-1-10x	0.11603007	0.36304978	0.0025211
2w4w_SITTD4_AGGATAACACCGGAAA-1-10x	0.03118367	0.06095064	4.68E-05

2w4w_SITTD4_AGGATAAGTGATACTC-1-10x	0.16523458	0.5382444	0.0017353
2w4w_SITTD4_AGGATAATCATTTACC-1-10x	0.02909448	0.053512	4.42E-05
2w4w_SITTD4_AGGATCTCACTTTATC-1-10x	0.27937827	0.9446578	0.00075266
2w4w_SITTD4_AGGGCTCAGAGAGTTT-1-10x	0.04808341	0.12112288	0.00011598
2w4w_SITTD4_AGGGTCCCATGTCAGT-1-10x	0.04304071	0.10316813	8.29E-05
2w4w_SITTD4_AGGGTCCGTACGATGG-1-10x	0.05994952	0.16337265	0.00038577
2w4w_SITTD4_AGGGTGACAGCCGGTT-1-10x	0.04237195	0.10078697	7.82E-05
2w4w_SITTD4_AGGTCATGTCGGTAAG-1-10x	0.05545646	0.14737491	0.000233
2w4w_SITTD4_AGTAGCTTCCGGCTTT-1-10x	0.26201138	0.8828223	0.00076727
2w4w_SITTD4_AGTCACATCAGGAAGC-1-10x	0.13217457	0.4205329	0.0019219
2w4w_SITTD4_AGTCTCCTCTCGACCT-1-10x	0.03472864	0.07357267	5.37E-05
2w4w_SITTD4_AGTGCCGAGCGGATCA-1-10x	0.03968762	0.09122932	6.67E-05
2w4w_SITTD4_AGTTAGCCACTTCAGA-1-10x	0.04170583	0.09841523	7.40E-05
2w4w_SITTD4_AGTTAGCGTGACTION-1-10x	0.22724527	0.7590361	0.00096676
2w4w_SITTD4_ATCCATTAGGTCATCT-1-10x	0.26957455	0.9097513	0.00075499
2w4w_SITTD4_ATGCCTCTCTCGTAT-1-10x	0.09769771	0.29777664	0.0042943
2w4w_SITTD4_ATTCCCGCACCAGACC-1-10x	0.15922615	0.5168512	0.0018109
2w4w_SITTD4_ATTCCTAAGTGGCAGT-1-10x	0.06839634	0.1934479	0.00097948
2w4w_SITTD4_ATTGGGTCACCTGTCC-1-10x	0.03865958	0.08756894	6.36E-05
2w4w_SITTD4_ATTTCACTCGGACTGC-1-10x	0.05880209	0.15928717	0.00034795
2w4w_SITTD4_CAACAGTCAGAAATCA-1-10x	0.03784565	0.08467091	6.07E-05
2w4w_SITTD4_CAATCGATCGACACCG-1-10x	0.28130352	0.95151275	0.00075401
2w4w_SITTD4_CAATGACAGCTCCGAC-1-10x	0.08523847	0.25341502	0.0037839
2w4w_SITTD4_CAATGACTCTTACTGT-1-10x	0.03923132	0.08960465	6.67E-05
2w4w_SITTD4_CACTGAAAGGGATCAC-1-10x	0.04567563	0.11254987	0.00010046
2w4w_SITTD4_CAGAGCCGTGCCTTCT-1-10x	0.0472477	0.11814728	0.00010777
2w4w_SITTD4_CAGCAGCAGTGACCTT-1-10x	0.02543199	0.04047156	4.00E-05
2w4w_SITTD4_CAGTTAGTCTTCTGGC-1-10x	0.01550712	0.00513364	3.33E-05
2w4w_SITTD4_CATACAGCAGGTTCCG-1-10x	0.04986584	0.12746929	0.00013566
2w4w_SITTD4_CATCAAGTCAGCTGAT-1-10x	0.13925572	0.44574565	0.0018772
2w4w_SITTD4_CATGAGTTCTTGCAAG-1-10x	0.10639145	0.32873106	0.00352
2w4w_SITTD4_CATGGATTCCGTCACT-1-10x	0.25487864	0.85742587	0.00079207
2w4w_SITTD4_CCAAGCGCAAGTGATA-1-10x	0.0954114	0.28963614	0.0043808
2w4w_SITTD4_CCACCATGTGTGACCC-1-10x	0.03019019	0.05741329	4.55E-05
2w4w_SITTD4_CCGGACATCTGCTAGA-1-10x	0.02226932	0.02921072	3.76E-05
2w4w_SITTD4_CCGGTGATCATCTGTT-1-10x	0.03879724	0.08805909	6.36E-05
2w4w_SITTD4_CCTAAGAAGTATAACG-1-10x	0.062676	0.17308038	0.00052741
2w4w_SITTD4_CCTAAGACAAGTAAA-1-10x	0.05048271	0.12966567	0.00014746
2w4w_SITTD4_CCTCTCCAGGCAGGTT-1-10x	0.01930548	0.01865786	3.55E-05
2w4w_SITTD4_CCTCTCCAGATACTC-1-10x	0.04635523	0.1149696	0.00010046
2w4w_SITTD4_CGAAGGAAGAGGCTGT-1-10x	0.05741249	0.15433945	0.00028394

2w4w_SITTD4_CGATCGGCACTCAGAT-1-10x	0.05363873	0.14090282	0.00019264
2w4w_SITTD4_CGCATAACACAAATCC-1-10x	0.03569787	0.07702365	5.58E-05
2w4w_SITTD4_CGGAACCTCGGCATCG-1-10x	0.0749955	0.21694447	0.001885
2w4w_SITTD4_CGGACACCAATACCTG-1-10x	0.2921384	0.9900908	0.00076378
2w4w_SITTD4_CGTAAGTAGAACTGAT-1-10x	0.03656976	0.08012805	5.82E-05
2w4w_SITTD4_CGTAAGTCAGCACACC-1-10x	0.03872104	0.08778776	6.36E-05
2w4w_SITTD4_CGTCAAACATACGCAT-1-10x	0.209512	0.695896	0.0011095
2w4w_SITTD4_CGTCAAAGTATTCTCT-1-10x	0.04218113	0.10010756	7.82E-05
2w4w_SITTD4_CGTCCATTCGATCCAA-1-10x	0.0170438	0.01060504	3.38E-05
2w4w_SITTD4_CGTGATAGTCGGTAAG-1-10x	0.04626187	0.11463718	0.00010046
2w4w_SITTD4_CGTTGGGTCCTACAAG-1-10x	0.04235419	0.10072375	7.82E-05
2w4w_SITTD4_CTAGACATCTAGGCAT-1-10x	0.14240456	0.45695722	0.0018718
2w4w_SITTD4_CTAGGTACAACCGTAT-1-10x	0.08850152	0.26503322	0.0041422
2w4w_SITTD4_CTCAACCTCTGCGGCA-1-10x	0.1485321	0.47877458	0.0018713
2w4w_SITTD4_CTCCAACCTCACCATAG-1-10x	0.08096825	0.23821072	0.0029431
2w4w_SITTD4_CTCCCAACATCTCCCA-1-10x	0.03707321	0.08192058	5.82E-05
2w4w_SITTD4 CTCCTCCGTGCCCGTA-1-10x	0.03091873	0.06000729	4.68E-05
2w4w_SITTD4 CTCCTTTGTCTAACGT-1-10x	0.08973278	0.26941717	0.0042999
2w4w_SITTD4 CTCTCAGAGACCAAGC-1-10x	0.04186626	0.09898645	7.82E-05
2w4w_SITTD4 CTGCATCCACGTCCGGT-1-10x	0.01729638	0.01150437	3.38E-05
2w4w_SITTD4 CTGTATTTCCAAGCCG-1-10x	0.05198217	0.13500457	0.00016076
2w4w_SITTD4 CTGTGGGTCCGCGAGT-1-10x	0.19071968	0.6289852	0.0013113
2w4w_SITTD4 CTTCTAAAGTAGCTCT-1-10x	0.01607663	0.00716139	3.33E-05
2w4w_SITTD4 CTTGATTCAAAGGCTG-1-10x	0.2364548	0.791827	0.00089602
2w4w_SITTD4_GAACTGTTCTCGGCTT-1-10x	0.0469888	0.11722546	0.00010777
2w4w_SITTD4_GACAGCCAGTCAATCC-1-10x	0.09621029	0.29248062	0.0043808
2w4w_SITTD4_GACGCTGAGACATAAC-1-10x	0.02947546	0.05486849	4.42E-05
2w4w_SITTD4_GACTCTCTCCATAGGT-1-10x	0.14171423	0.4544993	0.0018724
2w4w_SITTD4_GAGGCAACAATGTTGC-1-10x	0.02179731	0.0275301	3.69E-05
2w4w_SITTD4_GATTCTTTCTTAAGGC-1-10x	0.01677019	0.00963084	3.38E-05
2w4w_SITTD4_GCAGCTGCACGGCCAT-1-10x	0.18938054	0.62421715	0.0013244
2w4w_SITTD4_GCCATGGAGCGAGGAG-1-10x	0.03557022	0.07656915	5.58E-05
2w4w_SITTD4_GCCGTGATCCACGGAC-1-10x	0.09032023	0.2715088	0.0042999
2w4w_SITTD4_GCGGAAAGTAACCCTA-1-10x	0.07270934	0.20880452	0.0014433
2w4w_SITTD4_GCGTTTCGTAATAAGA-1-10x	0.05328729	0.13965152	0.00019264
2w4w_SITTD4_GGAAGTGTCCCTCGATC-1-10x	0.2788903	0.9429204	0.00075266
2w4w_SITTD4_GGAATCTGTACCCACG-1-10x	0.2864048	0.969676	0.00075773
2w4w_SITTD4_GGAGGTATCCTGGGAC-1-10x	0.19490035	0.64387065	0.0012511
2w4w_SITTD4_GGCTTTCTGTTCGAT-1-10x	0.22647947	0.75630945	0.00097406
2w4w_SITTD4_GGGAAGTAGTGGTGGT-1-10x	0.0917866	0.27672988	0.0043903
2w4w_SITTD4_GGGACCTCCGATGTA-1-10x	0.08077304	0.23751566	0.0029431

2w4w_SITTD4_GGGAGATCATGAGTAA-1-10x	0.26770085	0.90307987	0.00075705
2w4w_SITTD4_GGGTAGATCTAGACCA-1-10x	0.09439561	0.28601936	0.0044051
2w4w_SITTD4_GGTAACCTCAGAATGTA-1-10x	0.04951178	0.12620863	0.00013566
2w4w_SITTD4_GGTAGAGAGAATTGCA-1-10x	0.06543184	0.18289268	0.00072102
2w4w_SITTD4_GGTCACGTCAAGCTGT-1-10x	0.08945467	0.26842695	0.0042295
2w4w_SITTD4_GGTGGCTAGGTTCCGC-1-10x	0.25930664	0.87319195	0.00077499
2w4w_SITTD4_GGTGTCGAGACCAGAC-1-10x	0.27522114	0.9298562	0.00075218
2w4w_SITTD4_GGTAACTCGTCTGATCA-1-10x	0.05675386	0.15199436	0.000257
2w4w_SITTD4_GGTAACTCGATTTCT-1-10x	0.07502445	0.21704756	0.001885
2w4w_SITTD4_GTAAGTCCAATAGTCC-1-10x	0.09448299	0.2863305	0.0044051
2w4w_SITTD4_GTAGGTTGACGCTGAA-1-10x	0.02437555	0.03671002	3.91E-05
2w4w_SITTD4_GTAGGTTGTGACTAAA-1-10x	0.0906942	0.27284035	0.0043535
2w4w_SITTD4_GTATTGGGTCTCTCAC-1-10x	0.18175064	0.59705055	0.0014427
2w4w_SITTD4_GTCAAACAGACGAAGA-1-10x	0.09147498	0.27562034	0.0043535
2w4w_SITTD4_GTCCTCAAGTCAGGGT-1-10x	0.04583418	0.11311438	0.00010046
2w4w_SITTD4_GTCGCGAGTAAGCTCT-1-10x	0.04917764	0.12501894	0.00012523
2w4w_SITTD4_GTCGCGAGTACAGTAA-1-10x	0.1058202	0.3266971	0.00352
2w4w_SITTD4_GTCTAGACAGACGATG-1-10x	0.05948087	0.161704	0.00034795
2w4w_SITTD4_GTCCTTAGTTACCTTT-1-10x	0.04404265	0.10673557	8.81E-05
2w4w_SITTD4_GTGTTAGCATTGCAAC-1-10x	0.27264243	0.92067456	0.000753
2w4w_SITTD4_GTTTGGACACCTCTGT-1-10x	0.02339139	0.03320592	3.83E-05
2w4w_SITTD4_TACAGGTGTACCTAGT-1-10x	0.05112353	0.13194734	0.00014746
2w4w_SITTD4_TACCCACCAGCGTAGA-1-10x	0.25350347	0.8525295	0.00079608
2w4w_SITTD4_TACGGTACAATACAGA-1-10x	0.03580252	0.07739625	5.58E-05
2w4w_SITTD4_TAGGGTTAGCGTCTGC-1-10x	0.01776192	0.01316195	3.44E-05
2w4w_SITTD4_TAGGGTTCAGCTTTCC-1-10x	0.02056138	0.02312952	3.62E-05
2w4w_SITTD4_TAGGTTGGTTGCCGCA-1-10x	0.03969782	0.09126563	6.67E-05
2w4w_SITTD4_TATACCTAGACGCATG-1-10x	0.05441071	0.14365149	0.00021164
2w4w_SITTD4_TATACCTTCAAACCTG-1-10x	0.0894411	0.26837865	0.0042295
2w4w_SITTD4_TATCGCCCAAGTTCGT-1-10x	0.01944001	0.01913684	3.55E-05
2w4w_SITTD4_TATCGCCGTAGGACCA-1-10x	0.08381975	0.24836358	0.0034742
2w4w_SITTD4_TATCGCCGTGTTGCCG-1-10x	0.06241575	0.17215377	0.00047505
2w4w_SITTD4_TCACTATGTTCTACC-1-10x	0.27499104	0.92903686	0.00075218
2w4w_SITTD4_TCAGGTAGTCGATGCC-1-10x	0.2895946	0.98103344	0.0007606
2w4w_SITTD4_TCATACTCACATGACT-1-10x	0.04143445	0.09744896	7.40E-05
2w4w_SITTD4_TCATACTGTCAGGTAG-1-10x	0.10535802	0.3250515	0.0036214
2w4w_SITTD4_TCATACTGTTCTTGTT-1-10x	0.2691194	0.9081307	0.00075499
2w4w_SITTD4_TCATGGACACTTACAG-1-10x	0.04212985	0.09992497	7.82E-05
2w4w_SITTD4_TCCAGAATCAGTCACA-1-10x	0.08255705	0.2438677	0.0033032
2w4w_SITTD4_TCCATGCAGCAAGTGC-1-10x	0.02517638	0.03956144	4.00E-05
2w4w_SITTD4_TCCCAGTGTGTTTACG-1-10x	0.26182666	0.8821646	0.00076727

2w4w_SITTD4_TCCGATCGTTAAGGAT-1-10x	0.04474339	0.10923057	9.39E-05
2w4w_SITTD4_TCCGGGATCCGCATAA-1-10x	0.02763807	0.04832638	4.19E-05
2w4w_SITTD4_TCGCACTAGTGTTGTC-1-10x	0.08863971	0.26552528	0.0041422
2w4w_SITTD4_TCGCTTGCAGTTTCAG-1-10x	0.06362633	0.17646411	0.00058553
2w4w_SITTD4_TCGTGGGGTAGCTTGT-1-10x	0.02967892	0.05559291	4.55E-05
2w4w_SITTD4_TCTAACTGTGGAGAAA-1-10x	0.04382813	0.10597178	8.81E-05
2w4w_SITTD4_TCTACCGGTCGAGTTT-1-10x	0.09651192	0.2935546	0.0043435
2w4w_SITTD4_TCTTAGTCATATGGCT-1-10x	0.09013606	0.27085307	0.0042999
2w4w_SITTD4_TCTTGCGCAAGCCAC-1-10x	0.23454817	0.78503835	0.00090964
2w4w_SITTD4_TCTTGCGTCCGCAAT-1-10x	0.0460916	0.11403094	0.00010046
2w4w_SITTD4_TGAATCGGTCCTTAAG-1-10x	0.02741225	0.04752234	4.19E-05
2w4w_SITTD4_TGACCCTAGGTACAGC-1-10x	0.07662653	0.22275186	0.0022191
2w4w_SITTD4_TGACCCTTCATTCTTG-1-10x	0.04003754	0.09247522	7.01E-05
2w4w_SITTD4_TGAGGAGTCATCTGTT-1-10x	0.02153759	0.02660538	3.69E-05
2w4w_SITTD4_TGATCTTCACTCGATA-1-10x	0.03044581	0.05832344	4.55E-05
2w4w_SITTD4_TGATCTTTCCCATACC-1-10x	0.09678961	0.29454333	0.0043435
2w4w_SITTD4_TGATGCATCTAGTGTG-1-10x	0.04777414	0.1200217	0.00011598
2w4w_SITTD4_TGATTTGTTGCTTGA-1-10x	0.01526308	0.0042647	3.27E-05
2w4w_SITTD4_TGCAGGCTCGATCCCT-1-10x	0.02670182	0.04499283	4.09E-05
2w4w_SITTD4_TGCGGCAGTAACGCGA-1-10x	0.18049958	0.5925961	0.001475
2w4w_SITTD4_TGCTCGTAGCCTCCAG-1-10x	0.0914617	0.27557305	0.0043535
2w4w_SITTD4_TGGATGTCAGGACTTT-1-10x	0.04286145	0.10252985	8.29E-05
2w4w_SITTD4_TGGGAGATCAAGAGGC-1-10x	0.06769574	0.1909534	0.00088537
2w4w_SITTD4_TGGGTTATCGCCTTTG-1-10x	0.08380126	0.24829774	0.0034742
2w4w_SITTD4_TGGTAGTGTCGTCTCT-1-10x	0.02193428	0.02801779	3.69E-05
2w4w_SITTD4_TGGTGATGTAATTAGG-1-10x	0.23251638	0.7778041	0.00092358
2w4w_SITTD4_TGGTGATGTGTCATGT-1-10x	0.07643389	0.22206594	0.0020486
2w4w_SITTD4_TGTAGACAGAGGGTGG-1-10x	0.19205084	0.63372487	0.0012985
2w4w_SITTD4_TGTGGCGCACAGTCCG-1-10x	0.143146	0.45959714	0.0018718
2w4w_SITTD4_TGTTCTAGTTCTAACG-1-10x	0.04844084	0.1223955	0.00012523
2w4w_SITTD4_TGTTTGTTGCTGAT-1-10x	0.22345942	0.7455564	0.00099599
2w4w_SITTD4_TTACAGGCACCGCTGA-1-10x	0.24917907	0.8371323	0.00081888
2w4w_SITTD4_TTCAGGAGTACAGTCT-1-10x	0.02270638	0.0307669	3.76E-05
2w4w_SITTD4_TTCCAATTCGTGCTCT-1-10x	0.02239343	0.02965262	3.76E-05
2w4w_SITTD4_TTGAACGCATGGACAG-1-10x	0.0475044	0.11906129	0.00011598
2w4w_SITTD4_TTGACCCCAGGTTTAC-1-10x	0.08254683	0.2438313	0.0033032
2w4w_SITTD4_TTGACCCTCGAAGCAG-1-10x	0.02918314	0.05382768	4.42E-05
2w4w_SITTD4_TTGCGTCCATCCCACT-1-10x	0.08532387	0.25371906	0.0037839
2w4w_SITTD4_TTGGATGCAGAATCGG-1-10x	0.06475156	0.18047051	0.00064991
2w4w_SITTD4_TTTACGTGTTAGGAGC-1-10x	0.02126938	0.02565041	3.69E-05
2w4w_SITTD4_AAACCCACATATGGCT-1-10x	0.03238274	0.06521998	5.00E-05

2w4w_SITTD4_AAACGCTCATGGCCAC-1-10x	0.02255825	0.03023946	3.76E-05
2w4w_SITTD4_AAAGAACTCTCAAAGC-1-10x	0.06055335	0.16552262	0.00038577
2w4w_SITTD4_AAAGGGCTCTACGCGG-1-10x	0.08327084	0.24640918	0.0034742
2w4w_SITTD4_AAAGTCCCACCGAATT-1-10x	0.01793704	0.01378545	3.44E-05
2w4w_SITTD4_AAAGTCCCAGCTAACT-1-10x	0.1006849	0.30841267	0.0040879
2w4w_SITTD4_AAATGGAGTATTAAGG-1-10x	0.04809709	0.12117157	0.00011598
2w4w_SITTD4_AACAAAGAGACAAGCC-1-10x	0.04330299	0.10410197	8.29E-05
2w4w_SITTD4_AACAACCAGAGTCTTC-1-10x	0.02275464	0.03093871	3.76E-05
2w4w_SITTD4_AACACACGTGCCTTTC-1-10x	0.01568852	0.00577951	3.33E-05
2w4w_SITTD4_AACACACTCTCTGAGA-1-10x	0.05204365	0.1352235	0.00016076
2w4w_SITTD4_AACAGGGCATAATCGC-1-10x	0.05375785	0.14132695	0.00019264
2w4w_SITTD4_AACAGGGTCAGTCTTT-1-10x	0.17091398	0.5584662	0.0016421
2w4w_SITTD4_AACCAACCACAGTCAT-1-10x	0.12351961	0.3897166	0.0021124
2w4w_SITTD4_AACCATGTCTGAGAGG-1-10x	0.03693702	0.08143569	5.82E-05
2w4w_SITTD4_AACCATGTCTCGTCGT-1-10x	0.0247994	0.03821917	3.91E-05
2w4w_SITTD4_AACCTGACATCGTTCC-1-10x	0.13866718	0.44365016	0.0018772
2w4w_SITTD4_AACGGGAGTGATTAGA-1-10x	0.1058346	0.3267484	0.00352
2w4w_SITTD4_AAGCGTTAGGATTCAA-1-10x	0.2648462	0.8929158	0.00076135
2w4w_SITTD4_AAGGAATTCATGGGAG-1-10x	0.02319838	0.03251867	3.83E-05
2w4w_SITTD4_AAGGTAACAAGGCAAC-1-10x	0.04193069	0.09921587	7.82E-05
2w4w_SITTD4_AAGGTAATCCGCCTAT-1-10x	0.03370075	0.06991279	5.17E-05
2w4w_SITTD4_AAGGTAATCGTGGACC-1-10x	0.06693817	0.18825603	0.00079936
2w4w_SITTD4_AATAGAGCAGAACTCT-1-10x	0.25244534	0.848762	0.00080028
2w4w_SITTD4_AATCACGGTGGGATTG-1-10x	0.13297473	0.42338192	0.0019115
2w4w_SITTD4_AATCGTGTGAGCAATC-1-10x	0.03115237	0.0608392	4.68E-05
2w4w_SITTD4_AATGACCAGCACTCCG-1-10x	0.0400217	0.09241881	7.01E-05
2w4w_SITTD4_AATTCCTGTGTCATTG-1-10x	0.0320441	0.06401424	4.83E-05
2w4w_SITTD4_ACAGAAATCACGGGAA-1-10x	0.04232859	0.10063259	7.82E-05
2w4w_SITTD4_ACAGAAATCGTGTTC-1-10x	0.11638596	0.36431694	0.0025211
2w4w_SITTD4_ACAGGGACAGTCGTTA-1-10x	0.26083615	0.87863785	0.00076963
2w4w_SITTD4_ACATGCACAGTATGAA-1-10x	0.12201884	0.38437304	0.0021873
2w4w_SITTD4_ACATTCGTCCTACAA-1-10x	0.09975649	0.30510703	0.0041652
2w4w_SITTD4_ACCAAACAGATCCTAC-1-10x	0.2483849	0.8343046	0.00082396
2w4w_SITTD4_ACCAAACTCCGATGTA-1-10x	0.02227821	0.02924236	3.76E-05
2w4w_SITTD4_ACCCTTGGTCCTCATC-1-10x	0.06570495	0.1838651	0.00072102
2w4w_SITTD4_ACCTGAAAGTCTACCA-1-10x	0.29173005	0.98863685	0.00076378
2w4w_SITTD4_ACGGTCGAGTGTTGAA-1-10x	0.03093852	0.06007776	4.68E-05
2w4w_SITTD4_ACGGTCGAGAGAAAG-1-10x	0.01803391	0.01413038	3.44E-05
2w4w_SITTD4_ACGGTCGTCCGCATAA-1-10x	0.02002361	0.02121478	3.55E-05
2w4w_SITTD4_ACGTAGTCAAGCTACT-1-10x	0.01940133	0.01899913	3.55E-05
2w4w_SITTD4_ACGTAGTTCTATCGTT-1-10x	0.2145957	0.71399677	0.0010701

2w4w_SITTD4_ACGTTCCAGTGACAA-1-10x	0.05118997	0.13218392	0.00016076
2w4w_SITTD4_ACTATCTAGCGTCAAG-1-10x	0.19053175	0.62831604	0.0013113
2w4w_SITTD4_ACTATGGCATGGGATG-1-10x	0.25264302	0.84946585	0.00080028
2w4w_SITTD4_ACTATTCCATACAGGG-1-10x	0.09391081	0.28429323	0.0044154
2w4w_SITTD4_ACTTAGGGTGAGCTCC-1-10x	0.02509891	0.0392856	4.00E-05
2w4w_SITTD4_ACTTTCACAAACTCTG-1-10x	0.18920052	0.62357616	0.001338
2w4w_SITTD4_AGACCATCATCCTTCG-1-10x	0.05623443	0.1501449	0.000257
2w4w_SITTD4_AGACTCACAAGTTTGC-1-10x	0.03510601	0.0749163	5.37E-05
2w4w_SITTD4_AGACTCATCGTTGTTT-1-10x	0.2890219	0.97899437	0.0007606
2w4w_SITTD4_AGAGAATTCGCCAGTG-1-10x	0.02934596	0.0544074	4.42E-05
2w4w_SITTD4_AGAGCAGTCTCAGAAC-1-10x	0.02833158	0.05079566	4.30E-05
2w4w_SITTD4_AGATAGATCGTTGTTT-1-10x	0.11584438	0.3623886	0.002594
2w4w_SITTD4_AGATGCTGTACAAGCG-1-10x	0.01651243	0.00871309	3.38E-05
2w4w_SITTD4_AGCCACGCACGCGGTT-1-10x	0.04641448	0.11518058	0.00010046
2w4w_SITTD4_AGCCACGTCACAATGC-1-10x	0.01614395	0.00740108	3.33E-05
2w4w_SITTD4_AGCCAGCGTACCGCGT-1-10x	0.01654281	0.00882124	3.38E-05
2w4w_SITTD4_AGCCAGCTCCATTTAC-1-10x	0.05137674	0.13284892	0.00016076
2w4w_SITTD4_AGCTCAATCCGACAGC-1-10x	0.256388	0.8628	0.00078463
2w4w_SITTD4_AGGAAATGTAACCCGC-1-10x	0.13457215	0.4290696	0.0019027
2w4w_SITTD4_AGGACGATCCTCCACA-1-10x	0.2726964	0.9208667	0.000753
2w4w_SITTD4_AGGAGGTCACCTGTCT-1-10x	0.25372303	0.85331124	0.00079608
2w4w_SITTD4_AGGATAATCGTGCATA-1-10x	0.04102876	0.09600448	7.40E-05
2w4w_SITTD4_AGGATCTGTAACAAGT-1-10x	0.10504595	0.32394037	0.0036214
2w4w_SITTD4_AGGCCACGTGAAAGTT-1-10x	0.16543365	0.53895324	0.0017353
2w4w_SITTD4_AGGGAGTAGCCTTCTC-1-10x	0.01579121	0.00614515	3.33E-05
2w4w_SITTD4_AGGGAGTGTGACACGA-1-10x	0.09016023	0.2709391	0.0042999
2w4w_SITTD4_AGGGAGTTCCACACCT-1-10x	0.12113966	0.3812427	0.0022308
2w4w_SITTD4_AGGGCTCAGCATGTTC-1-10x	0.02999296	0.05671107	4.55E-05
2w4w_SITTD4_AGGGTTTCACATTACG-1-10x	0.0534814	0.14034264	0.00019264
2w4w_SITTD4_AGGTAGGGTGCCAGT-1-10x	0.10051736	0.30781612	0.0040879
2w4w_SITTD4_AGGTAGGTCCACGTGG-1-10x	0.04289788	0.10265958	8.29E-05
2w4w_SITTD4_AGGTCATCATCCCGTT-1-10x	0.07015119	0.19969611	0.0011935
2w4w_SITTD4_AGGTCTACAGCGAACA-1-10x	0.03315468	0.06796851	5.00E-05
2w4w_SITTD4_AGGTCTACATATGAAG-1-10x	0.21938117	0.73103565	0.0010253
2w4w_SITTD4_AGGTTACTCACCTCGT-1-10x	0.10139026	0.3109241	0.0040036
2w4w_SITTD4_AGTAGTCTCCATGAGT-1-10x	0.03915405	0.08932952	6.67E-05
2w4w_SITTD4_AGTGCCGTCAACCGAT-1-10x	0.02063979	0.02340873	3.62E-05
2w4w_SITTD4_AGTGCCGTCACTACTT-1-10x	0.262829	0.8857335	0.00076511
2w4w_SITTD4_AGTGCCGTGCCCAGA-1-10x	0.08772996	0.26228607	0.0040384
2w4w_SITTD4_AGTTCCAGTCGAAAT-1-10x	0.01605213	0.00707416	3.33E-05
2w4w_SITTD4_ATACCTTCATCTAGAC-1-10x	0.06597029	0.18480986	0.00072102

2w4w_SITTD4_ATAGAGACAGAGTGTG-1-10x	0.01748535	0.0121772	3.44E-05
2w4w_SITTD4_ATAGGCTAGATGGTCG-1-10x	0.09163757	0.27619928	0.0043903
2w4w_SITTD4_ATAGGCTGTAGGTAGC-1-10x	0.11262854	0.3509385	0.0028393
2w4w_SITTD4_ATCACGATCAGGGATG-1-10x	0.01870191	0.0165088	3.49E-05
2w4w_SITTD4_ATCAGGTCATTGACTG-1-10x	0.22006509	0.73347074	0.0010253
2w4w_SITTD4_ATCAGGTTCTGCTAGA-1-10x	0.28898662	0.9788687	0.0007606
2w4w_SITTD4_ATCCATTTCCATAGGT-1-10x	0.12337137	0.38918877	0.0021479
2w4w_SITTD4_ATCGCCTAGAAGTCTA-1-10x	0.14572206	0.46876934	0.0018716
2w4w_SITTD4_ATCGGATAGCAGGTCA-1-10x	0.01958933	0.01966852	3.55E-05
2w4w_SITTD4_ATCGTAGGTTGACTAC-1-10x	0.2821785	0.9546281	0.00075401
2w4w_SITTD4_ATCTTCATCCAATGCA-1-10x	0.25452942	0.85618246	0.00079207
2w4w_SITTD4_ATCTTCATCGAGTCCG-1-10x	0.05876243	0.15914597	0.00034795
2w4w_SITTD4_ATGCATGTGCGCCAA-1-10x	0.07830653	0.22873352	0.0023954
2w4w_SITTD4_ATGGAGGAGGGTCAAC-1-10x	0.21563414	0.71769416	0.001055
2w4w_SITTD4_ATGGGAGAGCATCCCG-1-10x	0.06572085	0.18392171	0.00072102
2w4w_SITTD4_ATGGGAGTCTTTCAGT-1-10x	0.05141085	0.13297035	0.00016076
2w4w_SITTD4_ATGGGTTTCTGGAAGG-1-10x	0.06121058	0.16786271	0.00042799
2w4w_SITTD4_ATGGTTGAGGCCTTGC-1-10x	0.04735992	0.11854686	0.00010777
2w4w_SITTD4_ATGGTTGCAGCACAAG-1-10x	0.25727	0.86594045	0.00078121
2w4w_SITTD4_ATGGTTGTCCATTTGT-1-10x	0.04027609	0.09332457	7.01E-05
2w4w_SITTD4_ATGTCCCAGTTCGGTA-1-10x	0.01568562	0.00576919	3.33E-05
2w4w_SITTD4_ATTACCTTCCAAGTAG-1-10x	0.04245209	0.10107232	7.82E-05
2w4w_SITTD4_ATTACAGTCTTTACAC-1-10x	0.11666243	0.3653013	0.0025211
2w4w_SITTD4_ATTACATCGTGACACAG-1-10x	0.02033879	0.02233699	3.62E-05
2w4w_SITTD4_ATTCCCGTCACACGAT-1-10x	0.04761213	0.11944486	0.00011598
2w4w_SITTD4_ATTCTACAGGCTACC-1-10x	0.04743267	0.11880589	0.00011598
2w4w_SITTD4_ATTCTACGTCGAACAG-1-10x	0.01529238	0.00436905	3.27E-05
2w4w_SITTD4_ATTCTTGAGCAGATAT-1-10x	0.02301624	0.03187017	3.83E-05
2w4w_SITTD4_ATTGTTCAGGGTGAGG-1-10x	0.23909822	0.801239	0.00087632
2w4w_SITTD4_ATTGTTCGTAAGGGA-1-10x	0.04455921	0.10857479	8.81E-05
2w4w_SITTD4_ATTTCACTCCATAGAC-1-10x	0.02285026	0.03127919	3.76E-05
2w4w_SITTD4_ATTTCTGTCCATTACCT-1-10x	0.14008282	0.4486906	0.001875
2w4w_SITTD4_ATTTCTGTCCACAGCG-1-10x	0.02032074	0.02227271	3.62E-05
2w4w_SITTD4_CAAAGAAAGTGAGTTA-1-10x	0.24734542	0.8306035	0.0008292
2w4w_SITTD4_CAACAGTCAGAGAGGG-1-10x	0.02863996	0.05189366	4.42E-05
2w4w_SITTD4_CAACCTCAGTACCCTA-1-10x	0.01616094	0.00746158	3.33E-05
2w4w_SITTD4_CAACGGCAGAAAGTCT-1-10x	0.01902309	0.0176524	3.49E-05
2w4w_SITTD4_CAAGACTGTCGCTCGA-1-10x	0.15349151	0.4964328	0.0018617
2w4w_SITTD4_CAAGACTTCAGGAACG-1-10x	0.15947995	0.51775485	0.0018109
2w4w_SITTD4_CAAGAGGCAGGAATAT-1-10x	0.04866344	0.12318808	0.00012523
2w4w_SITTD4_CAAGCTAGTCTGTCCT-1-10x	0.02231293	0.02936599	3.76E-05

2w4w_SITTD4_CAAGGGAGTATGCTAC-1-10x	0.04712826	0.11772201	0.00010777
2w4w_SITTD4_CAATACGGTTCGAACT-1-10x	0.01650509	0.00868694	3.38E-05
2w4w_SITTD4_CAATTTTGTATGAGGC-1-10x	0.02306406	0.03204044	3.83E-05
2w4w_SITTD4_CACAACAGTTCGGCCA-1-10x	0.04497258	0.11004662	9.39E-05
2w4w_SITTD4_CACACAACATGAAGCG-1-10x	0.19007626	0.6266943	0.0013244
2w4w_SITTD4_CACAGGCCACCTGAAT-1-10x	0.11269627	0.35117963	0.0028393
2w4w_SITTD4_CACGAATGTTGGTACT-1-10x	0.25529376	0.8589039	0.00078825
2w4w_SITTD4_CAGCAATAGCTCGCAC-1-10x	0.04853239	0.12272146	0.00012523
2w4w_SITTD4_CAGCACGGTTCGAGT-1-10x	0.04400273	0.10659342	8.81E-05
2w4w_SITTD4_CAGCCAGCACACACTA-1-10x	0.0172445	0.01131965	3.38E-05
2w4w_SITTD4_CAGCCAGCACGACGCT-1-10x	0.03384555	0.07042838	5.17E-05
2w4w_SITTD4_CAGCCAGGTCACCTAG-1-10x	0.04711549	0.11767655	0.00010777
2w4w_SITTD4_CAGGCCAGTCTACAGT-1-10x	0.04502092	0.11021874	9.39E-05
2w4w_SITTD4_CAGGTATAGGGATGTC-1-10x	0.08883548	0.2662223	0.0042295
2w4w_SITTD4_CAGTTCCCATACAGAA-1-10x	0.11075508	0.34426793	0.0030221
2w4w_SITTD4_CATAAGCGTTTATGCG-1-10x	0.21480072	0.71472675	0.0010625
2w4w_SITTD4_CATACCCACAATGAA-1-10x	0.01647287	0.00857222	3.38E-05
2w4w_SITTD4_CATACCCGTCATCTAG-1-10x	0.02243954	0.0298168	3.76E-05
2w4w_SITTD4_CATCCACTCCGCACTT-1-10x	0.07613458	0.22100022	0.0020486
2w4w_SITTD4_CATCGTCCAGAGGTAC-1-10x	0.22552705	0.7529183	0.00098137
2w4w_SITTD4_CATGCAAGTATGCTTG-1-10x	0.02349217	0.03356475	3.83E-05
2w4w_SITTD4_CATGCCTGTCCGTACG-1-10x	0.18066306	0.5931782	0.001475
2w4w_SITTD4_CATGCGGGTTGAATCC-1-10x	0.09091222	0.27361664	0.0043535
2w4w_SITTD4_CATGGTATCGAGTCTA-1-10x	0.04327446	0.1040004	8.29E-05
2w4w_SITTD4_CCACCATCAGCTGCCA-1-10x	0.05308875	0.13894461	0.00019264
2w4w_SITTD4_CCACGAGCAGGAAGTC-1-10x	0.08629722	0.2571847	0.0039187
2w4w_SITTD4_CCACGAGGTAGTGATA-1-10x	0.08056386	0.23677085	0.0029431
2w4w_SITTD4_CCACGTTTCATATGGC-1-10x	0.20515776	0.68039256	0.0011518
2w4w_SITTD4_CCATAAGCACAGCTGC-1-10x	0.04293817	0.10280304	8.29E-05
2w4w_SITTD4_CCCGAAGTCGGACTGC-1-10x	0.16376634	0.53301674	0.001763
2w4w_SITTD4_CCCGAAGTCGGTTCAA-1-10x	0.0483636	0.12212049	0.00012523
2w4w_SITTD4_CCCTCTCCAGTAACGG-1-10x	0.09008713	0.27067885	0.0042999
2w4w_SITTD4_CCCTGATTCTGTTGGA-1-10x	0.17835093	0.58494574	0.0015081
2w4w_SITTD4_CCCTTAGAGGTAGTAT-1-10x	0.24412243	0.8191279	0.00084583
2w4w_SITTD4_CCCTTAGTCAACGTGT-1-10x	0.07859489	0.22976024	0.002576
2w4w_SITTD4_CCCTTAGTCTAGCCAA-1-10x	0.06287029	0.17377219	0.00052741
2w4w_SITTD4_CCCTTAGTCTATCGCC-1-10x	0.17569771	0.5754989	0.0015585
2w4w_SITTD4_CCGATCTTCCAGGAC-1-10x	0.09942544	0.3039283	0.0041652
2w4w_SITTD4_CCGATGGAGTCGCCAC-1-10x	0.08711592	0.26009974	0.0040384
2w4w_SITTD4_CCGATGGTCATGTCTT-1-10x	0.02703969	0.04619581	4.19E-05
2w4w_SITTD4_CCGGGTAAGATGACAT-1-10x	0.01713747	0.01093856	3.38E-05

2w4w_SITTD4_CCGGGTACAAATCAGA-1-10x	0.05077981	0.13072352	0.00014746
2w4w_SITTD4_CCGGGTAGTATGCAAA-1-10x	0.20225887	0.67007095	0.0011792
2w4w_SITTD4_CCGGTAGCAGCTACTA-1-10x	0.02734356	0.04727776	4.19E-05
2w4w_SITTD4_CCGTAGGCACCAACAT-1-10x	0.04359293	0.10513432	8.29E-05
2w4w_SITTD4_CCTATCGCACGTCATA-1-10x	0.24283558	0.81454605	0.00085167
2w4w_SITTD4_CCTCACACATAACCCA-1-10x	0.01703314	0.01056709	3.38E-05
2w4w_SITTD4_CCTCCTCCACACCTGG-1-10x	0.07376432	0.21256082	0.0017292
2w4w_SITTD4_CCTCTCCGTAAGGTCG-1-10x	0.05293021	0.13838011	0.00017575
2w4w_SITTD4_CCTGTTGAGCGTCCG-1-10x	0.05730333	0.15395078	0.00028394
2w4w_SITTD4_CCTGTTGGTGAACCGA-1-10x	0.11310142	0.3526222	0.0028393
2w4w_SITTD4_CGAAGGACACGGTGCT-1-10x	0.02199664	0.02823983	3.69E-05
2w4w_SITTD4_CGACAGCAGGAGGCAG-1-10x	0.2605139	0.87749046	0.00077221
2w4w_SITTD4_CGAGAAGGTGGCTACC-1-10x	0.02162811	0.02692766	3.69E-05
2w4w_SITTD4_CGAGTGCCAACGTTAC-1-10x	0.0261938	0.043184	4.09E-05
2w4w_SITTD4_CGAGTTAAGGGCAGTT-1-10x	0.0345358	0.07288604	5.37E-05
2w4w_SITTD4_CGATGGCAGAGGCTGT-1-10x	0.28325063	0.9584455	0.00075531
2w4w_SITTD4_CGCAGGTGTGTCTTAG-1-10x	0.03304227	0.06756825	5.00E-05
2w4w_SITTD4_CGCAGGTTCAAACCTGC-1-10x	0.03596139	0.0779619	5.58E-05
2w4w_SITTD4_CGCAGGTTCGAAGGAC-1-10x	0.08610568	0.25650275	0.0039187
2w4w_SITTD4_CGCATAAGTGAGCCAA-1-10x	0.08357844	0.24750438	0.0034742
2w4w_SITTD4_CGCGTGAGTTGGGTTT-1-10x	0.0651473	0.18187958	0.00064991
2w4w_SITTD4_CGGAACCTCGGCTTGG-1-10x	0.13642192	0.4356558	0.0018891
2w4w_SITTD4_CGGACACAGATTGAGT-1-10x	0.01705978	0.01066192	3.38E-05
2w4w_SITTD4_CGGACACTCCTACCAC-1-10x	0.02773718	0.04867927	4.30E-05
2w4w_SITTD4_CGGGTCAAGATACTGA-1-10x	0.07382149	0.21276437	0.0017292
2w4w_SITTD4_CGGGTCACATATCTCT-1-10x	0.01623861	0.00773812	3.33E-05
2w4w_SITTD4_CGGTCAGGTGAACGGT-1-10x	0.04362259	0.10523995	8.29E-05
2w4w_SITTD4_CGTCCATAGAATCTAG-1-10x	0.03617644	0.0787276	5.82E-05
2w4w_SITTD4_CGTGCTTCATTCTCTA-1-10x	0.02956553	0.0551892	4.55E-05
2w4w_SITTD4_CGTGCTTCTCATGGA-1-10x	0.07978579	0.23400049	0.0027593
2w4w_SITTD4_CGTTAGACAGAGATTA-1-10x	0.17781375	0.58303314	0.0015248
2w4w_SITTD4_CGTTAGATCTAGATCG-1-10x	0.02302643	0.03190643	3.83E-05
2w4w_SITTD4_CGTTCTGGTGCATTAC-1-10x	0.03990638	0.09200821	7.01E-05
2w4w_SITTD4_CGTTGGGTCTGCTGAA-1-10x	0.04393956	0.10636853	8.81E-05
2w4w_SITTD4_CTAACCCGTAGTGTGG-1-10x	0.15702465	0.50901264	0.0018385
2w4w_SITTD4_CTACATTGTAGTCGTT-1-10x	0.03765966	0.08400869	6.07E-05
2w4w_SITTD4_CTAGACAAGCAACTTC-1-10x	0.01615434	0.00743808	3.33E-05
2w4w_SITTD4_CTAGACAAGCTGAAGC-1-10x	0.25191656	0.84687924	0.00080467
2w4w_SITTD4_CTAGACAATGGCCC-1-10x	0.03420416	0.07170522	5.17E-05
2w4w_SITTD4_CTATCTAGTGCTCGTG-1-10x	0.02543968	0.04049891	4.00E-05
2w4w_SITTD4_CTATCTAGTGCTCGTG-1-10x	0.08001423	0.23481387	0.0027593

2w4w_SITTD4_CTATCTATCGAAGCCC-1-10x	0.16909495	0.55198944	0.0016744
2w4w_SITTD4_CTCAGTCCAAGTGCAG-1-10x	0.04958766	0.1264788	0.00013566
2w4w_SITTD4_CTCAGTCTCAGACTGT-1-10x	0.26529452	0.89451206	0.00076135
2w4w_SITTD4_CTCATTAGTCTACGTA-1-10x	0.04268333	0.10189567	7.82E-05
2w4w_SITTD4_CTCCAACCAGGCATGA-1-10x	0.02261336	0.03043569	3.76E-05
2w4w_SITTD4_CTCCACAGTCTAACTG-1-10x	0.02096905	0.02458106	3.62E-05
2w4w_SITTD4_CTCCTTTAGCTGTGCC-1-10x	0.1051742	0.324397	0.0036214
2w4w_SITTD4_CTCCTTTGTAACAAGT-1-10x	0.15863605	0.5147501	0.0018209
2w4w_SITTD4_CTGAATGGTTGGACCC-1-10x	0.17298453	0.56583846	0.0016089
2w4w_SITTD4_CTGAGGCGTCCAAAGG-1-10x	0.02256759	0.03027271	3.76E-05
2w4w_SITTD4_CTGCATCTCACTGCTC-1-10x	0.22123711	0.7376438	0.0010106
2w4w_SITTD4_CTGGACGTCTGGGCCA-1-10x	0.02498822	0.03889147	4.00E-05
2w4w_SITTD4_CTGGTCTGTGTCCAAT-1-10x	0.03860384	0.08737045	6.36E-05
2w4w_SITTD4_CTGTCTGTTCCATAAGGA-1-10x	0.04165684	0.09824079	7.40E-05
2w4w_SITTD4_CTGTCTGTTCCGAGATT-1-10x	0.02052211	0.02298972	3.62E-05
2w4w_SITTD4_CTTCAATAGATTACCC-1-10x	0.0189948	0.01755168	3.49E-05
2w4w_SITTD4_CTTCAATGTACACGCC-1-10x	0.26463798	0.89217436	0.00076135
2w4w_SITTD4_CTTCCGACAGGCTCTG-1-10x	0.02096134	0.02455362	3.62E-05
2w4w_SITTD4_CTTCTTAGACATATG-1-10x	0.14969765	0.48292458	0.0018705
2w4w_SITTD4_CTTCTAAAGTCTGTAG-1-10x	0.06276405	0.1733939	0.00052741
2w4w_SITTD4_CTTCTAATCCGGGACT-1-10x	0.08385088	0.24847442	0.0034742
2w4w_SITTD4_GAAATGACATTGACCA-1-10x	0.1326729	0.42230728	0.0019219
2w4w_SITTD4_GAATAGACACCTGCAG-1-10x	0.20628701	0.6844133	0.0011344
2w4w_SITTD4_GAATCACCAGGATGAC-1-10x	0.22519445	0.7517341	0.00098137
2w4w_SITTD4_GAATCACGTCTGTAGT-1-10x	0.02365646	0.03414969	3.83E-05
2w4w_SITTD4_GAATCGTAGTTGGACG-1-10x	0.24572434	0.82483155	0.00083459
2w4w_SITTD4_GACAGCCAGATTGTGA-1-10x	0.10456496	0.32222778	0.0037215
2w4w_SITTD4_GACCAATCATGATCTG-1-10x	0.10651557	0.329173	0.00352
2w4w_SITTD4_GACCCAGTCTATGGCC-1-10x	0.07229129	0.20731604	0.0014433
2w4w_SITTD4_GACGCTGTCACCTTG-1-10x	0.09714307	0.29580182	0.0043435
2w4w_SITTD4_GACGTTATCAGGCGAA-1-10x	0.09048777	0.27210537	0.0042999
2w4w_SITTD4_GACTCTCCATGAGAAT-1-10x	0.02885175	0.05264773	4.42E-05
2w4w_SITTD4_GACTCTCTCGAGTCTA-1-10x	0.07218724	0.20694555	0.0014433
2w4w_SITTD4_GAGACTTAGCCTATCA-1-10x	0.02179839	0.02753397	3.69E-05
2w4w_SITTD4_GAGAGGTGTAGGACCA-1-10x	0.03842848	0.0867461	6.36E-05
2w4w_SITTD4_GAGAGGTGTCTCTCAC-1-10x	0.01649779	0.00866096	3.38E-05
2w4w_SITTD4_GAGCCTGAGATTCGAA-1-10x	0.02544478	0.04051707	4.00E-05
2w4w_SITTD4_GAGTCATAGAGGCGTT-1-10x	0.01581493	0.00622958	3.33E-05
2w4w_SITTD4_GAGTCATAGCACCAGA-1-10x	0.01526265	0.00426319	3.27E-05
2w4w_SITTD4_GAGTTACGTGTCTAAC-1-10x	0.03470389	0.07348453	5.37E-05
2w4w_SITTD4_GAGTTGTTCCGGTTCAA-1-10x	0.0344174	0.07246448	5.37E-05

2w4w_SITTD4_GATAGAACACCTGAAT-1-10x	0.18741204	0.61720824	0.0013519
2w4w_SITTD4_GATCAGTGTGTCCAAT-1-10x	0.03139663	0.0617089	4.68E-05
2w4w_SITTD4_GATCCCTAGCCTGAAG-1-10x	0.21069472	0.70010716	0.0011014
2w4w_SITTD4_GATCGTAGTATCATGC-1-10x	0.0267291	0.04508997	4.09E-05
2w4w_SITTD4_GATGACTTCGTAGTCA-1-10x	0.02975914	0.05587854	4.55E-05
2w4w_SITTD4_GATGTTGTCCCACAGG-1-10x	0.02339218	0.03320872	3.83E-05
2w4w_SITTD4_GATTTCTGTAGGAGTC-1-10x	0.23459706	0.78521246	0.00090964
2w4w_SITTD4_GATTTCTTCGTTAGAC-1-10x	0.0437175	0.10557785	8.81E-05
2w4w_SITTD4_GCAACCGCATCACGGC-1-10x	0.04299594	0.10300871	8.29E-05
2w4w_SITTD4_GCACGTGAGGTTCCAGG-1-10x	0.05951883	0.16183917	0.00034795
2w4w_SITTD4_GCACGTGGTCCCTGAG-1-10x	0.08495478	0.25240493	0.0036353
2w4w_SITTD4_GACTAAGTTTACCAG-1-10x	0.08741458	0.26116312	0.0040384
2w4w_SITTD4_GCAGCCACATCAGTCA-1-10x	0.08715736	0.2602473	0.0040384
2w4w_SITTD4_GCAGCTGCATCTCGTC-1-10x	0.2716851	0.91726595	0.00075352
2w4w_SITTD4_GCATCGGGTGTTCGATT-1-10x	0.03980124	0.09163387	6.67E-05
2w4w_SITTD4_GCATGATCAACCGCTG-1-10x	0.14697418	0.47322756	0.0018717
2w4w_SITTD4_GCATGATGTCTATAG-1-10x	0.02338403	0.03317968	3.83E-05
2w4w_SITTD4_GCCATGGTCCCGTTGT-1-10x	0.0285071	0.05142061	4.30E-05
2w4w_SITTD4_GCCATGGTCTAGGCCG-1-10x	0.0408234	0.0952733	7.01E-05
2w4w_SITTD4_GCCATTCCATCGTGGC-1-10x	0.15771852	0.5114832	0.0018302
2w4w_SITTD4_GCCGTGAAGTTGCTCA-1-10x	0.02497572	0.03884697	4.00E-05
2w4w_SITTD4_GCTACCTGTAGAGTTA-1-10x	0.28662163	0.9704481	0.00075773
2w4w_SITTD4_GCTACCTCCGACAGC-1-10x	0.04874227	0.12346875	0.00012523
2w4w_SITTD4_GCTGAATCATTGCTGA-1-10x	0.03068656	0.05918066	4.68E-05
2w4w_SITTD4_GCTGAATTCACCTCGT-1-10x	0.03476307	0.07369524	5.37E-05
2w4w_SITTD4_GCTTCACGTTAATGAG-1-10x	0.26883087	0.90710336	0.00075594
2w4w_SITTD4_GGAATCTAGAATAGTC-1-10x	0.07219143	0.20696048	0.0014433
2w4w_SITTD4_GGAATCTTCATTACTC-1-10x	0.03991107	0.09202489	7.01E-05
2w4w_SITTD4_GGAGAACCAAGGGCAT-1-10x	0.20192264	0.6688738	0.0011792
2w4w_SITTD4_GGAGCAATCTGTCCA-1-10x	0.01532186	0.004474	3.27E-05
2w4w_SITTD4_GGAGGATGTGCTGATT-1-10x	0.01959634	0.01969345	3.55E-05
2w4w_SITTD4_GGATCTAAGAAGAGCA-1-10x	0.06589566	0.18454415	0.00072102
2w4w_SITTD4_GGATGTTCCAGTTCCG-1-10x	0.02601238	0.04253804	4.09E-05
2w4w_SITTD4_GGCAGTCGTACCACGC-1-10x	0.02570991	0.04146109	4.00E-05
2w4w_SITTD4_GGCAGTCTCATAAGGA-1-10x	0.02317712	0.03244298	3.83E-05
2w4w_SITTD4_GGCTGTGGTCCAGAAG-1-10x	0.05186438	0.13458517	0.00016076
2w4w_SITTD4_GGCTTGGCACTGGCGT-1-10x	0.05787017	0.15596904	0.00031414
2w4w_SITTD4_GGCTTGGTCACTCACC-1-10x	0.04160368	0.09805151	7.40E-05
2w4w_SITTD4_GGCTTTCTCCATTTA-1-10x	0.02655559	0.04447218	4.09E-05
2w4w_SITTD4_GGGACTCCAGAACTCT-1-10x	0.02752024	0.04790684	4.19E-05
2w4w_SITTD4_GGGATCCAGGCTAAAT-1-10x	0.02034681	0.02236554	3.62E-05

2w4w_SITTD4_GGGATCCCACAAATGA-1-10x	0.07670212	0.22302097	0.0022191
2w4w_SITTD4_GGGCCATGTATGAAGT-1-10x	0.2030878	0.67302245	0.0011699
2w4w_SITTD4_GGGCCATGTCTCAAGT-1-10x	0.08253549	0.24379092	0.0033032
2w4w_SITTD4_GGGCTCATCTTTCTAG-1-10x	0.09287427	0.28060257	0.0044107
2w4w_SITTD4_GGGTCACGTACTIONAAC-1-10x	0.03007302	0.05699614	4.55E-05
2w4w_SITTD4_GGGTCTGTCTCTGGTC-1-10x	0.08468705	0.25145164	0.0036353
2w4w_SITTD4_GGGTTATAGTCTTCCC-1-10x	0.07997906	0.23468864	0.0027593
2w4w_SITTD4_GGGTTTATCTTCGGTC-1-10x	0.01828977	0.01504135	3.44E-05
2w4w_SITTD4_GGTAACCTCCGTGTGG-1-10x	0.06108268	0.16740733	0.00042799
2w4w_SITTD4_GGTCACGGTATGCAAA-1-10x	0.02984616	0.05618839	4.55E-05
2w4w_SITTD4_GGTGATTAGTCACGCC-1-10x	0.04694224	0.11705968	0.00010777
2w4w_SITTD4_GGTGTCGTCGATCCAA-1-10x	0.13378002	0.4262492	0.0019115
2w4w_SITTD4_GGTTAACAGCGAGTCA-1-10x	0.28195956	0.9538486	0.00075401
2w4w_SITTD4_GTAACACAGCTTACGT-1-10x	0.09225916	0.27841246	0.0043903
2w4w_SITTD4_GTAACACGTATAGGAT-1-10x	0.1082847	0.33547205	0.0033168
2w4w_SITTD4_GTAACACGTCTTGAAC-1-10x	0.01746397	0.01210107	3.44E-05
2w4w_SITTD4_GTAAGTCGTGTATCG-1-10x	0.06925356	0.1965001	0.0010821
2w4w_SITTD4_GTACAGTCATGACGGA-1-10x	0.25781736	0.8678893	0.00078121
2w4w_SITTD4_GTAGAAACAGGCTATT-1-10x	0.12893488	0.40899786	0.0019821
2w4w_SITTD4_GTAGAAATCCCTCATG-1-10x	0.26700655	0.90060776	0.00075831
2w4w_SITTD4_GTAGATCAGGGATGTC-1-10x	0.01811524	0.01441995	3.44E-05
2w4w_SITTD4_GTAGATCCAGTTCCAA-1-10x	0.02567811	0.04134787	4.00E-05
2w4w_SITTD4_GTAGTACCACACCTGG-1-10x	0.09873965	0.3014865	0.0042345
2w4w_SITTD4_GTAGTACTCCTTCTGG-1-10x	0.25480416	0.8571607	0.00079207
2w4w_SITTD4_GTATTGGCAGCGTGCT-1-10x	0.15085976	0.48706234	0.0018676
2w4w_SITTD4_GTATTTCAGGGCTGAT-1-10x	0.02350414	0.03360735	3.83E-05
2w4w_SITTD4_GTATTTCAGTTAGTGA-1-10x	0.04431351	0.10769998	8.81E-05
2w4w_SITTD4_GTCAAGTAGATAACGT-1-10x	0.1044674	0.3218804	0.0037215
2w4w_SITTD4_GTCACTCAGAGCTTTC-1-10x	0.07376124	0.21254985	0.0017292
2w4w_SITTD4_GTCACTCCAGAGGCAT-1-10x	0.02535012	0.04018003	4.00E-05
2w4w_SITTD4_GTCAGCGGTACCTATG-1-10x	0.02985131	0.0562067	4.55E-05
2w4w_SITTD4_GTCATGAAGCATTGTC-1-10x	0.04592375	0.1134333	0.00010046
2w4w_SITTD4_GTCCCATTCGCACGAC-1-10x	0.11022687	0.34238723	0.0031181
2w4w_SITTD4_GTCGCGATCTGGGCGT-1-10x	0.22640815	0.75605553	0.00097406
2w4w_SITTD4_GTCTACCAGCGATCGA-1-10x	0.04784163	0.120262	0.00011598
2w4w_SITTD4_GTGATGTTACAGCGAA-1-10x	0.06381831	0.17714763	0.00058553
2w4w_SITTD4_GTGGAAGGTGGCTACC-1-10x	0.02314233	0.03231913	3.83E-05
2w4w_SITTD4_GTGGAAGGTTCTAACG-1-10x	0.05236433	0.13636528	0.00017575
2w4w_SITTD4_GTGGAGAGTATACCCA-1-10x	0.02697118	0.04595188	4.19E-05
2w4w_SITTD4_GTGGCGTTCTCGCCTA-1-10x	0.24829413	0.83398145	0.00082396
2w4w_SITTD4_GTGTAACCACCCTGTT-1-10x	0.02629251	0.04353545	4.09E-05

2w4w_SITTD4_GTGTCCTTCGACGTCG-1-10x	0.15045029	0.4856044	0.0018694
2w4w_SITTD4_GTGTGGCGTCGACTTA-1-10x	0.01640333	0.00832461	3.33E-05
2w4w_SITTD4_GTTACAGAGGTACATA-1-10x	0.09197734	0.27740905	0.0043903
2w4w_SITTD4_GTTACAGGTTATTCCT-1-10x	0.03229288	0.06490004	4.83E-05
2w4w_SITTD4_GTTACCCTCAGGACGA-1-10x	0.1687973	0.55092967	0.0016744
2w4w_SITTD4_GTTACGAAGCTGACAG-1-10x	0.15705365	0.50911593	0.0018385
2w4w_SITTD4_GTTATGGCATTAGGAA-1-10x	0.03196058	0.06371685	4.83E-05
2w4w_SITTD4_GTTCATTAGTCTCGTA-1-10x	0.11613788	0.36343363	0.0025211
2w4w_SITTD4_GTTCCGTAGTACCATC-1-10x	0.01855615	0.01598983	3.49E-05
2w4w_SITTD4_GTTCTATTCCAAGCAT-1-10x	0.06916991	0.19620223	0.0010821
2w4w_SITTD4_GTTGAACGTGGGTTGA-1-10x	0.03105403	0.06048903	4.68E-05
2w4w_SITTD4_GTTGTAGAGTGATTCC-1-10x	0.04766499	0.11963308	0.00011598
2w4w_SITTD4_GTTGTGACAAGACGGT-1-10x	0.02727233	0.04702414	4.19E-05
2w4w_SITTD4_TAACACGTCAGTCCGG-1-10x	0.01903756	0.01770392	3.49E-05
2w4w_SITTD4_TAACGACTCATGGAGG-1-10x	0.05629587	0.15036367	0.000257
2w4w_SITTD4_TAAGCCAAGCGAATGC-1-10x	0.0867561	0.2588186	0.0039187
2w4w_SITTD4_TAACTCTCACGATCA-1-10x	0.10419339	0.3209048	0.0037215
2w4w_SITTD4_TACAACGCACTATCCC-1-10x	0.02697726	0.04597355	4.19E-05
2w4w_SITTD4_TACCCACTCTAGTACG-1-10x	0.25900927	0.87213314	0.00077499
2w4w_SITTD4_TACCTCGCAATCAGCT-1-10x	0.03278638	0.06665716	5.00E-05
2w4w_SITTD4_TACCTCGGTGGTCTCG-1-10x	0.21717334	0.7231746	0.0010475
2w4w_SITTD4_TACGGGCAGCAGTACG-1-10x	0.22724399	0.75903153	0.00096676
2w4w_SITTD4_TACTTCAAGTGAGCCA-1-10x	0.03506196	0.07475944	5.37E-05
2w4w_SITTD4_TACTTGTCAGTCTACA-1-10x	0.02785692	0.0491056	4.30E-05
2w4w_SITTD4_TAGACCATCACTGGTA-1-10x	0.03822871	0.08603478	6.36E-05
2w4w_SITTD4_TAGGTAATCATGAGGG-1-10x	0.1013054	0.31062195	0.0040036
2w4w_SITTD4_TAGGTTGAGAATCGAT-1-10x	0.05610449	0.14968225	0.000257
2w4w_SITTD4_TATCCTAAGGTAGCCA-1-10x	0.24153808	0.8099262	0.00086374
2w4w_SITTD4_TATCCTACAATGCTCA-1-10x	0.25890622	0.8717662	0.00077499
2w4w_SITTD4_TATCCTACACGTCTCT-1-10x	0.02441199	0.03683977	3.91E-05
2w4w_SITTD4_TATGTTCCATACTGTG-1-10x	0.26359737	0.8884693	0.00076313
2w4w_SITTD4_TATTTTCGAGGACATG-1-10x	0.04183409	0.09887189	7.82E-05
2w4w_SITTD4_TCAAGCATCCCTTCCC-1-10x	0.17141844	0.5602624	0.0016256
2w4w_SITTD4_TCAATTCGTAAGTGTG-1-10x	0.2467685	0.8285494	0.0008292
2w4w_SITTD4_TCACACCAGGAACATT-1-10x	0.23593292	0.78996885	0.00090278
2w4w_SITTD4_TCACGCTCACTCATAG-1-10x	0.12903604	0.40935805	0.0019821
2w4w_SITTD4_TCACGGGCAGACCTAT-1-10x	0.07225503	0.20718694	0.0014433
2w4w_SITTD4_TCACTATTCAATTATCC-1-10x	0.04763141	0.11951351	0.00011598
2w4w_SITTD4_TCAGGGCAGGTTAAAC-1-10x	0.05644918	0.15090953	0.000257
2w4w_SITTD4_TCAGGGCCAACCGTGC-1-10x	0.03806479	0.08545114	6.36E-05
2w4w_SITTD4_TCATACTTCAAGGTGG-1-10x	0.01500581	0.00334868	3.27E-05

2w4w_SITTD4_TCATCATAGTAACGTA-1-10x	0.01832331	0.0151608	3.49E-05
2w4w_SITTD4_TCATCCGGTCGGAACA-1-10x	0.18563786	0.61089116	0.0013809
2w4w_SITTD4_TCATGCCTCTTAGCAG-1-10x	0.02781814	0.04896751	4.30E-05
2w4w_SITTD4_TCATTACCAACCAGAG-1-10x	0.24466325	0.82105356	0.00084583
2w4w_SITTD4_TCATTGTGTCCGGACT-1-10x	0.01958785	0.01966325	3.55E-05
2w4w_SITTD4_TCATTTGAGGGACTGT-1-10x	0.09442864	0.28613696	0.0044051
2w4w_SITTD4_TCATTTGAGTAAACAC-1-10x	0.10330941	0.31775734	0.0038193
2w4w_SITTD4_TCCAGAAAGTGACACG-1-10x	0.04661906	0.115909	0.00010777
2w4w_SITTD4_TCCGAAACACGCTGTG-1-10x	0.02065584	0.02346586	3.62E-05
2w4w_SITTD4_TCCGAAACATGATAGA-1-10x	0.26181668	0.882129	0.00076727
2w4w_SITTD4_TCCTCGAAGGCGTTGA-1-10x	0.23757541	0.795817	0.00088935
2w4w_SITTD4_TCCTCGAGTAGCTAAA-1-10x	0.0153011	0.00440007	3.27E-05
2w4w_SITTD4_TCCTCTTCAGAAACCG-1-10x	0.01507182	0.00358371	3.27E-05
2w4w_SITTD4_TCGAACATCCGAGCTG-1-10x	0.04663158	0.11595356	0.00010777
2w4w_SITTD4_TCGAAGTCACACAGCC-1-10x	0.19185881	0.63304114	0.0012985
2w4w_SITTD4_TCGAAGTTCATCTCTA-1-10x	0.2909701	0.985931	0.00076269
2w4w_SITTD4_TCGAAGTTCATTGTGG-1-10x	0.01772073	0.01301526	3.44E-05
2w4w_SITTD4_TCGACGGCAGGCTCTG-1-10x	0.02782903	0.0490063	4.30E-05
2w4w_SITTD4_TCGACGGGTTTCGATTG-1-10x	0.2778673	0.9392779	0.00075239
2w4w_SITTD4_TCGATTTTCAGAGGTAC-1-10x	0.02382368	0.0347451	3.83E-05
2w4w_SITTD4_TCGCACTCACCAGTAT-1-10x	0.09220986	0.27823693	0.0043903
2w4w_SITTD4_TCGGGCAAGGAATTAC-1-10x	0.09434059	0.2858235	0.0044154
2w4w_SITTD4_TCGTAGATCCTTGAAG-1-10x	0.03626589	0.07904609	5.82E-05
2w4w_SITTD4_TCGTAGATCTGGGAGA-1-10x	0.02931731	0.05430538	4.42E-05
2w4w_SITTD4_TCGTCCAGTGAATGTA-1-10x	0.01575655	0.00602174	3.33E-05
2w4w_SITTD4_TCTACATTCTGGCTT-1-10x	0.17770813	0.58265704	0.0015248
2w4w_SITTD4_TCTACATTCTGTTAT-1-10x	0.02170538	0.0272028	3.69E-05
2w4w_SITTD4_TCTATACTCATTACGG-1-10x	0.22909346	0.76561666	0.0009522
2w4w_SITTD4_TCTCACGAGTCTGCAT-1-10x	0.08291829	0.24515392	0.0033032
2w4w_SITTD4_TCTCTGGAGCTGTTAC-1-10x	0.05232997	0.13624293	0.00017575
2w4w_SITTD4_TCTTGCGAGTATAGGT-1-10x	0.01866213	0.01636716	3.49E-05
2w4w_SITTD4_TGAACGTCACGGTGCT-1-10x	0.26023477	0.8764966	0.00077221
2w4w_SITTD4_TGAATGCTCTTCCCGA-1-10x	0.14941768	0.48192775	0.0018705
2w4w_SITTD4_TGAGCGCCAGCTGAAG-1-10x	0.04413155	0.10705211	8.81E-05
2w4w_SITTD4_TGAGTCAGTCTGGGT-1-10x	0.13864759	0.4435804	0.0018772
2w4w_SITTD4_TGATGCAGTGCTGATT-1-10x	0.26766944	0.90296805	0.00075705
2w4w_SITTD4_TGATTCTAGGGAGTGG-1-10x	0.02049175	0.0228816	3.62E-05
2w4w_SITTD4_TGCAGATAGAGCATAT-1-10x	0.04080569	0.09521023	7.01E-05
2w4w_SITTD4_TGCAGGCGTCCGAAGA-1-10x	0.23726866	0.79472476	0.00088935
2w4w_SITTD4_TGCAGTAGTATTCTCT-1-10x	0.09629568	0.29278463	0.0043435
2w4w_SITTD4_TGCATCCAGGATCACG-1-10x	0.17687033	0.579674	0.0015416

2w4w_SITTD4_TGCATGAAGATGGCAC-1-10x	0.04241832	0.10095207	7.82E-05
2w4w_SITTD4_TGCGATACAGAACTAA-1-10x	0.09539761	0.28958702	0.0043808
2w4w_SITTD4_TGCGGCATCTTCACGC-1-10x	0.0344184	0.07246802	5.37E-05
2w4w_SITTD4_TGCGGGTAGTTCAACC-1-10x	0.04447138	0.1082621	8.81E-05
2w4w_SITTD4_TGCTCCACAGCTGGTC-1-10x	0.2635383	0.88825893	0.00076313
2w4w_SITTD4_TGCTCCATCTCTGACC-1-10x	0.03999922	0.09233878	7.01E-05
2w4w_SITTD4_TGCTCGTTCGAGATAA-1-10x	0.0218431	0.02769316	3.69E-05
2w4w_SITTD4_TGCTGAACAATACGCT-1-10x	0.03521615	0.07530846	5.58E-05
2w4w_SITTD4_TGCTGAAGTGATGTAA-1-10x	0.23585245	0.7896823	0.00090278
2w4w_SITTD4_TGGAAGTAGGGTTTCT-1-10x	0.21351568	0.7101513	0.0010778
2w4w_SITTD4_TGGAGAGAGGTCTTTG-1-10x	0.02182875	0.02764207	3.69E-05
2w4w_SITTD4_TGGCGTGAGACAGTCG-1-10x	0.10701408	0.33094794	0.0034182
2w4w_SITTD4_TGGGAAGGTGACTGAG-1-10x	0.04148061	0.09761332	7.40E-05
2w4w_SITTD4_TGGGAGATCTGGCCAG-1-10x	0.18084086	0.5938113	0.0014587
2w4w_SITTD4_TGGGCGTCACCCTGAG-1-10x	0.03758464	0.08374156	6.07E-05
2w4w_SITTD4_TGGTTAGAGCGAGAAA-1-10x	0.06462798	0.18003051	0.00064991
2w4w_SITTD4_TGTAAGCCAGGCAATG-1-10x	0.08867772	0.26566058	0.0041422
2w4w_SITTD4_TGTACAGAGATGCTGG-1-10x	0.2506471	0.8423593	0.00080923
2w4w_SITTD4_TGTTCAATCACGACTA-1-10x	0.13264029	0.42219114	0.0019219
2w4w_SITTD4_TGTTGAGCAACCTAAC-1-10x	0.12447768	0.39312783	0.0020803
2w4w_SITTD4_TTAATCCGTCTGTGCG-1-10x	0.10035849	0.30725047	0.0040879
2w4w_SITTD4_TTACAGGCACACGGTC-1-10x	0.04200951	0.09949651	7.82E-05
2w4w_SITTD4_TTACCGCCAAGAATAC-1-10x	0.02656395	0.04450194	4.09E-05
2w4w_SITTD4_TTACCGCTCTCGCTCA-1-10x	0.02614795	0.04302074	4.09E-05
2w4w_SITTD4_TTACGCCTCGCAGATT-1-10x	0.19424215	0.6415271	0.0012624
2w4w_SITTD4_TTACGTTTCATCTGTTT-1-10x	0.08778586	0.2624851	0.0040384
2w4w_SITTD4_TTACTGTGTACATTG-1-10x	0.02828604	0.05063352	4.30E-05
2w4w_SITTD4_TTAGTCTGTACGTTCA-1-10x	0.04706296	0.11748951	0.00010777
2w4w_SITTD4_TTCACGCAGTATGTAG-1-10x	0.08328803	0.24647038	0.0034742
2w4w_SITTD4_TTCACGCGTAGCGCTC-1-10x	0.10068215	0.30840287	0.0040879
2w4w_SITTD4_TTCAGGAAGAAGCTGC-1-10x	0.04995838	0.12779878	0.00013566
2w4w_SITTD4_TTCATGTAGTAACGTA-1-10x	0.24028029	0.8054478	0.00086997
2w4w_SITTD4_TTCATGTCAATGTTGC-1-10x	0.03943818	0.09034117	6.67E-05
2w4w_SITTD4_TTCATGTTCTGAGCAT-1-10x	0.04040731	0.09379178	7.01E-05
2w4w_SITTD4_TTCCACGTCCGTAATG-1-10x	0.0475554	0.11924286	0.00011598
2w4w_SITTD4_TTCCGGTAGGAGGCAG-1-10x	0.10504595	0.32394037	0.0036214
2w4w_SITTD4_TTCCTTCGTTCTCACC-1-10x	0.09045748	0.2719975	0.0042999
2w4w_SITTD4_TTCGGTCTCACCGCTT-1-10x	0.01639129	0.00828174	3.33E-05
2w4w_SITTD4_TTCTAGTGTTCAGTG-1-10x	0.22923657	0.7661262	0.0009522
2w4w_SITTD4_TTCTCTCGTGTTCACT-1-10x	0.04536568	0.11144629	9.39E-05
2w4w_SITTD4_TTCTGTAAGATAGTCA-1-10x	0.11666921	0.36532545	0.0025211

2w4w_SITTD4_TTCTTGACATGGAAGC-1-10x	0.03769547	0.08413618	6.07E-05
2w4w_SITTD4_TTGATGGGTTGTACGT-1-10x	0.23009272	0.7691746	0.00094498
2w4w_SITTD4_TTGGGCGAGACAACTA-1-10x	0.04981826	0.12729988	0.00013566
2w4w_SITTD4_TTGGGCGGTTGTAGCT-1-10x	0.06083338	0.16651966	0.00042799
2w4w_SITTD4_TTGGGTACATGGTGGA-1-10x	0.26294702	0.8861537	0.00076511
2w4w_SITTD4_TTGTTTGAGGAATCGC-1-10x	0.16316983	0.53089285	0.001763
2w4w_SITTD4_TTTACTGGTGCTATTG-1-10x	0.05746697	0.15453343	0.00028394
2w4w_SITTD4_TTTAGTCCAGGACTAG-1-10x	0.08105719	0.23852739	0.0029431
2w4w_SITTD4_TTTATGCTCTCTGCTG-1-10x	0.04257513	0.10151039	7.82E-05
2w4w_SITTD4_TTTCACAGTCAAGTTC-1-10x	0.21982373	0.7326114	0.0010253
2w4w_SITTD4_TTTCAGTGTCATGACT-1-10x	0.0488345	0.12379714	0.00012523
2w4w_SITTD4_TTTGGTTAGACCAGCA-1-10x	0.04148683	0.09763547	7.40E-05
2w4w_SITTE4_AAAGTCCAGATCCCGC-1-10x	0.26472923	0.8924993	0.00076135
2w4w_SITTE4_AACACACGTGGCTTAT-1-10x	0.08118642	0.2389875	0.0029431
2w4w_SITTE4_AACCAACTCGAAGCCC-1-10x	0.06266182	0.17302991	0.00052741
2w4w_SITTE4_AACGGGAAGAGAGGTA-1-10x	0.05421328	0.14294852	0.00021164
2w4w_SITTE4_AACGTCAGTGTGGTCC-1-10x	0.15170878	0.4900853	0.0018651
2w4w_SITTE4_AAGCATCGTAGACGGT-1-10x	0.141201	0.45267195	0.0018734
2w4w_SITTE4_AAGCATCTCTAGTTCT-1-10x	0.0313735	0.06162653	4.68E-05
2w4w_SITTE4_AAGTACCTCGTCAACA-1-10x	0.0500186	0.1280132	0.00013566
2w4w_SITTE4_ACAAGTCTCTCGTGAA-1-10x	0.03038392	0.05810311	4.55E-05
2w4w_SITTE4_ACAGAAAGTTAAGACA-1-10x	0.09031159	0.27147806	0.0042999
2w4w_SITTE4_ACCAAACTCGTGTCAA-1-10x	0.03594213	0.07789332	5.58E-05
2w4w_SITTE4_ACGTTCCAGGCATTTTC-1-10x	0.02226101	0.02918115	3.76E-05
2w4w_SITTE4_ACTATCTAGACTTCAC-1-10x	0.03420302	0.07170117	5.17E-05
2w4w_SITTE4_ACTATCTGTTTGGAAA-1-10x	0.04386265	0.10609467	8.81E-05
2w4w_SITTE4_ACTATGGCAACAACAA-1-10x	0.26382908	0.88929427	0.00076313
2w4w_SITTE4_AGAACAATCTCGCGTT-1-10x	0.2199975	0.7332301	0.0010253
2w4w_SITTE4_AGAGCAGAGCACCCAC-1-10x	0.20105784	0.6657947	0.0011888
2w4w_SITTE4_AGAGCAGAGCCTCCAG-1-10x	0.07608505	0.2208239	0.0020486
2w4w_SITTE4_AGCGCTGTCCCAACTC-1-10x	0.26651114	0.8988439	0.00075831
2w4w_SITTE4_AGCGTCGAGATGACCG-1-10x	0.12967102	0.41161895	0.0019639
2w4w_SITTE4_AGGCCACAGTAGATCA-1-10x	0.01501344	0.00337586	3.27E-05
2w4w_SITTE4_AGGGAGTGTCCAGAAG-1-10x	0.05345751	0.14025757	0.00019264
2w4w_SITTE4_AGGGCTCCACGTATAC-1-10x	0.10334139	0.31787118	0.0038193
2w4w_SITTE4_AGTACTGCATGGATCT-1-10x	0.05087501	0.1310625	0.00014746
2w4w_SITTE4_AGTGATCGTTTGTGG-1-10x	0.0513216	0.1326526	0.00016076
2w4w_SITTE4_ATACTTCCAACGCATT-1-10x	0.12519693	0.39568877	0.0020803
2w4w_SITTE4_ATAGACCCAAAGGATT-1-10x	0.02667696	0.04490429	4.09E-05
2w4w_SITTE4_ATAGACCGTTTGAACC-1-10x	0.04488684	0.10974135	9.39E-05
2w4w_SITTE4_ATAGAGATCTGCCTGT-1-10x	0.12218448	0.3849628	0.0021873

2w4w_SITTE4_ATATCCTAGCAGAAAG-1-10x	0.13643727	0.43571046	0.0018891
2w4w_SITTE4_ATATCCTAGCGACTAG-1-10x	0.09612174	0.29216534	0.0043808
2w4w_SITTE4_ATGATCGTCATTCCGA-1-10x	0.07731819	0.22521453	0.0022191
2w4w_SITTE4_ATGGGTTAGAACTCA-1-10x	0.08382908	0.24839681	0.0034742
2w4w_SITTE4_ATGGGTTGTCGTA-1-10x	0.03744001	0.08322661	6.07E-05
2w4w_SITTE4_CAAAGAACACTAACCA-1-10x	0.03967932	0.09119974	6.67E-05
2w4w_SITTE4_CACTGAAAGAGAGCGG-1-10x	0.16587716	0.5405324	0.0017206
2w4w_SITTE4_CATACTTTCACCTTAT-1-10x	0.08085121	0.23779398	0.0029431
2w4w_SITTE4_CATGCGCAAAGGAGA-1-10x	0.04030656	0.09343308	7.01E-05
2w4w_SITTE4_CATGCTCTACAACCA-1-10x	0.07751091	0.2259007	0.0023954
2w4w_SITTE4_CATTGTTACCCAACG-1-10x	0.02028815	0.0221567	3.62E-05
2w4w_SITTE4_CCAAGCGGTCGTTATG-1-10x	0.04892524	0.12412025	0.00012523
2w4w_SITTE4_CCAATTTTCTTCGATT-1-10x	0.01720371	0.01117442	3.38E-05
2w4w_SITTE4_CCCAAGTCTCTCG-1-10x	0.03945965	0.09041759	6.67E-05
2w4w_SITTE4_CCCTCAACAGTTCACA-1-10x	0.07169773	0.20520265	0.0013138
2w4w_SITTE4_CCGGTAGTCTCCACG-1-10x	0.04829057	0.12186047	0.00011598
2w4w_SITTE4_CCGTTCAGTCTATGAC-1-10x	0.03488328	0.07412326	5.37E-05
2w4w_SITTE4_CCTAAGATCTGTAAGC-1-10x	0.05541747	0.1472361	0.000233
2w4w_SITTE4_CCTCAACAGATGTTGA-1-10x	0.20963684	0.69634056	0.0011095
2w4w_SITTE4_CCTCTAGGTTCCGCGA-1-10x	0.04757366	0.11930789	0.00011598
2w4w_SITTE4_CGACAGCTCTGGTGGC-1-10x	0.0486018	0.12296861	0.00012523
2w4w_SITTE4_CGATGCGTCAGTCTTT-1-10x	0.09775084	0.2979658	0.0042943
2w4w_SITTE4_CGCCATTAGAGAGGGC-1-10x	0.04982382	0.1273197	0.00013566
2w4w_SITTE4_CTATCTACAGGGAATC-1-10x	0.0916397	0.27620685	0.0043903
2w4w_SITTE4_CTCTCGATCATACAGC-1-10x	0.03883229	0.08818388	6.36E-05
2w4w_SITTE4_CTGAGCGCACCTATCC-1-10x	0.05765109	0.15518901	0.00028394
2w4w_SITTE4_CTGCATCGTTCGGCTG-1-10x	0.0168098	0.00977187	3.38E-05
2w4w_SITTE4_CTGCCTAAGTGCCTCG-1-10x	0.03861019	0.08739309	6.36E-05
2w4w_SITTE4_CTTCCGTAGAGCATCG-1-10x	0.14897263	0.48034313	0.0018705
2w4w_SITTE4_CTTCCGTTCTGTCAGA-1-10x	0.26714763	0.9011101	0.00075831
2w4w_SITTE4_CTTCTAATCGATTTCT-1-10x	0.07699865	0.2240768	0.0022191
2w4w_SITTE4_CTTCTAATCTAGCATG-1-10x	0.04056137	0.09434033	7.01E-05
2w4w_SITTE4_GAACTGTTCCATAAGC-1-10x	0.10965899	0.3403653	0.0031181
2w4w_SITTE4_GAGCTGCTCCCATGGG-1-10x	0.10175726	0.31223083	0.0040036
2w4w_SITTE4_GAGTCATTCTGTGCAA-1-10x	0.12665536	0.40088153	0.0020256
2w4w_SITTE4_GATAGAATCCATACTT-1-10x	0.07002932	0.1992622	0.0011935
2w4w_SITTE4_GATAGCTCATTAGGAA-1-10x	0.03639383	0.07950161	5.82E-05
2w4w_SITTE4_GCAACCGTCCACGGG-1-10x	0.05902974	0.16009772	0.00034795
2w4w_SITTE4_GCAGTTATCCAAGCAT-1-10x	0.22578087	0.753822	0.00098137
2w4w_SITTE4_GCGATCGGTGGCAGAT-1-10x	0.09632516	0.29288962	0.0043435
2w4w_SITTE4_GCTTTCGGTATGGAAT-1-10x	0.01678394	0.00967979	3.38E-05

2w4w_SITTE4_GGAGATGTCATTCTCA-1-10x	0.01762796	0.01268498	3.44E-05
2w4w_SITTE4_GGCTTGGGTCGAACGA-1-10x	0.04268525	0.10190249	7.82E-05
2w4w_SITTE4_GGCTTTTCGTTAGCTAC-1-10x	0.04733355	0.11845296	0.00010777
2w4w_SITTE4_GGGATCCTCACAAGGG-1-10x	0.12490331	0.3946433	0.0020803
2w4w_SITTE4_GGGTGAATCCAAGCAT-1-10x	0.21906377	0.72990555	0.0010326
2w4w_SITTE4_GGGTTTAAGCGCTGCT-1-10x	0.08112469	0.2387677	0.0029431
2w4w_SITTE4_GGTAGAGTCCACCTCA-1-10x	0.01956672	0.01958799	3.55E-05
2w4w_SITTE4_GTCAGCGCACCTTCCA-1-10x	0.20398833	0.67622876	0.0011608
2w4w_SITTE4_GTCCACTCACACACGC-1-10x	0.01935719	0.01884197	3.55E-05
2w4w_SITTE4_GTCGAATTCTTCCCAG-1-10x	0.01654069	0.0088137	3.38E-05
2w4w_SITTE4_GTCTAGAGTATCGTTG-1-10x	0.03572254	0.07711147	5.58E-05
2w4w_SITTE4_GTGACGCGTACCGCGT-1-10x	0.02255501	0.03022795	3.76E-05
2w4w_SITTE4_GTTACCCGTGGGCTTC-1-10x	0.02552286	0.04079508	4.00E-05
2w4w_SITTE4_GTTCCGTGTCTCCTGT-1-10x	0.02204293	0.02840465	3.69E-05
2w4w_SITTE4_GTTCTATTCCAAGCG-1-10x	0.03806942	0.08546765	6.36E-05
2w4w_SITTE4_GTTGTCCGTCTACTA-1-10x	0.04850492	0.12262365	0.00012523
2w4w_SITTE4_TAGAGTCCAAGACCGA-1-10x	0.17012979	0.5556741	0.0016584
2w4w_SITTE4_TATCAGGGTCTGTGTA-1-10x	0.16172905	0.52576286	0.0017883
2w4w_SITTE4_TATCCTAAGTCATGCT-1-10x	0.07962821	0.23343943	0.0027593
2w4w_SITTE4_TATCGCCAGGCGCTCT-1-10x	0.12756415	0.40411735	0.0020026
2w4w_SITTE4_TATTTTCGTCGAGAAGC-1-10x	0.08195498	0.24172398	0.0031253
2w4w_SITTE4_TCAAGTGCATCGCTAA-1-10x	0.08032744	0.23592909	0.0029431
2w4w_SITTE4_TCACATTTTCGGTGCAC-1-10x	0.08167759	0.24073632	0.0031253
2w4w_SITTE4_TCATATCCATCTAGAC-1-10x	0.26088703	0.878819	0.00076963
2w4w_SITTE4_TCATCATCAATCGAAA-1-10x	0.09542645	0.28968972	0.0043808
2w4w_SITTE4_TCATCCGGTTCGTTGCG-1-10x	0.09796307	0.29872146	0.0042943
2w4w_SITTE4_TCATTTGGTTCCACGG-1-10x	0.06275442	0.1733596	0.00052741
2w4w_SITTE4_TCCCATGCAATAACCC-1-10x	0.03177014	0.0630388	4.83E-05
2w4w_SITTE4_TCGGGACGTATGCGTT-1-10x	0.04079169	0.09516038	7.01E-05
2w4w_SITTE4_TGAGCGCGTGTAACGG-1-10x	0.03554051	0.07646336	5.58E-05
2w4w_SITTE4_TGATTCTTCAGAGTTC-1-10x	0.03050391	0.05853033	4.68E-05
2w4w_SITTE4_TGATTTCTCGAAGCCC-1-10x	0.04734584	0.11849673	0.00010777
2w4w_SITTE4_TGCATCCTCGAGTCCG-1-10x	0.04482502	0.10952123	9.39E-05
2w4w_SITTE4_TGCGGGTGTAGATGTA-1-10x	0.2514763	0.84531164	0.00080467
2w4w_SITTE4_TGCTTGCAGTCTCTGA-1-10x	0.04753688	0.11917694	0.00011598
2w4w_SITTE4_TGGAGGAGTAACGATA-1-10x	0.04308174	0.10331422	8.29E-05
2w4w_SITTE4_TGGTGATGTAGTTCCA-1-10x	0.03809045	0.08554253	6.36E-05
2w4w_SITTE4_TGTGATGCAGCCCACA-1-10x	0.07415454	0.21395022	0.0017292
2w4w_SITTE4_TGTTACTAGCTTACGT-1-10x	0.09602394	0.2918171	0.0043808
2w4w_SITTE4_TGTTTGTAGCATATGA-1-10x	0.04006931	0.09258834	7.01E-05
2w4w_SITTE4_TTAATCCTCCTGGTCT-1-10x	0.08664613	0.25842705	0.0039187

2w4w_SITTE4_TTCCACGAGAGCCTGA-1-10x	0.20253538	0.6710555	0.0011699
2w4w_SITTE4_TTCCTTCGTTCAATCG-1-10x	0.0819955	0.24186827	0.0031253
2w4w_SITTE4_TTCTTCCAGTTAGTAG-1-10x	0.12424602	0.392303	0.0021124
2w4w_SITTE4_TTCTTCCTCTTGCCT-1-10x	0.08403692	0.24913685	0.0034742
2w4w_SITTE4_TTGCCTGGTCAGTCGC-1-10x	0.05455973	0.1441821	0.00021164
2w4w_SITTE4_TTGGGCGGTCTGAATGG-1-10x	0.08769986	0.26217887	0.0040384
2w4w_SITTE4_TTGGGTACAGTCTGGC-1-10x	0.2874001	0.9732199	0.00075864
2w4w_SITTE4_AAATGGAAGATGAATC-1-10x	0.08788035	0.26282153	0.0041422
2w4w_SITTE4_AAGATAGCAATGCTCA-1-10x	0.01647118	0.00856619	3.38E-05
2w4w_SITTE4_AATGACCTCCGGACGT-1-10x	0.01579752	0.0061676	3.33E-05
2w4w_SITTE4_ACACTGAAGGCGATAC-1-10x	0.01828442	0.01502233	3.44E-05
2w4w_SITTE4_ACAGAAACAGCATACT-1-10x	0.035061	0.07475603	5.37E-05
2w4w_SITTE4_ACATGCATCACTCCGT-1-10x	0.06899915	0.19559424	0.00097948
2w4w_SITTE4_ACGGTCGTCTAGGCAT-1-10x	0.0242037	0.03609815	3.91E-05
2w4w_SITTE4_ACTATGGGTCCAGCGT-1-10x	0.01522257	0.00412048	3.27E-05
2w4w_SITTE4_AGCCACGAGTGGTTGG-1-10x	0.02664157	0.04477831	4.09E-05
2w4w_SITTE4_AGCCACGCACTTTATC-1-10x	0.04047994	0.09405039	7.01E-05
2w4w_SITTE4_ATTTCACGTACGCTAT-1-10x	0.03320209	0.06813732	5.00E-05
2w4w_SITTE4_CACTGTCGTGACTATC-1-10x	0.04776983	0.12000635	0.00011598
2w4w_SITTE4_CAGATTGCACACTGGC-1-10x	0.27143997	0.91639316	0.00075352
2w4w_SITTE4_CAGCGTGGTACTTGTG-1-10x	0.01822212	0.01480051	3.44E-05
2w4w_SITTE4_CATGCTCAGCCTTGAT-1-10x	0.02085711	0.02418249	3.62E-05
2w4w_SITTE4_CCCAACTCAACTGTGT-1-10x	0.01918443	0.01822684	3.49E-05
2w4w_SITTE4_CCTCCTCAGTGAGGCT-1-10x	0.2256415	0.7533258	0.00098137
2w4w_SITTE4_CGAGTGCCATACAGAA-1-10x	0.24772315	0.8319484	0.00082396
2w4w_SITTE4_CGAGTGCTCTGGGCCA-1-10x	0.17444795	0.57104903	0.0015753
2w4w_SITTE4_CGGGACTGTCGCCACA-1-10x	0.16992195	0.554934	0.0016584
2w4w_SITTE4_CTCTCAGCACGTTGGC-1-10x	0.12936808	0.4105403	0.0019639
2w4w_SITTE4_CTGATCCCAAGGCAAC-1-10x	0.01841512	0.0154877	3.49E-05
2w4w_SITTE4_GCCGTGAGTAAGCAAT-1-10x	0.01715552	0.01100284	3.38E-05
2w4w_SITTE4_GGAAGTGTGCTTAGAC-1-10x	0.08496656	0.25244683	0.0036353
2w4w_SITTE4_GGCGTCAGTTGATCGT-1-10x	0.0511875	0.1321751	0.00016076
2w4w_SITTE4_GTAGATCCATCGAACT-1-10x	0.15959282	0.5181567	0.0018109
2w4w_SITTE4_GTAGGAGTCGTAATGC-1-10x	0.04048021	0.09405135	7.01E-05
2w4w_SITTE4_GTCATTTGTCGATTCA-1-10x	0.02712151	0.04648715	4.19E-05
2w4w_SITTE4_GTCCTCAAGAGGTATT-1-10x	0.08527105	0.25353098	0.0037839
2w4w_SITTE4_GTGAGCCTCGTAACCA-1-10x	0.02372311	0.034387	3.83E-05
2w4w_SITTE4_GTGTTCCAGGAACTAT-1-10x	0.03166653	0.06266987	4.83E-05
2w4w_SITTE4_TATCCTACAGCGAACA-1-10x	0.05672262	0.15188316	0.000257
2w4w_SITTE4_TCATTACAGACATGCG-1-10x	0.16940781	0.55310345	0.0016744
2w4w_SITTE4_TCATTGTCAACTTGGT-1-10x	0.08004271	0.23491526	0.0027593

2w4w_SITTE4_TCGAACAGTACCCACG-1-10x	0.14662674	0.4719905	0.0018717
2w4w_SITTE4_TCGGATAAGTTACGGG-1-10x	0.17884056	0.5866891	0.0015081
2w4w_SITTE4_TGAGGAGTCGAACGCC-1-10x	0.04421714	0.10735686	8.81E-05
2w4w_SITTE4_TGATGCATCAAAGGAT-1-10x	0.11322724	0.35307017	0.0027534
2w4w_SITTE4_TGTGAGTAGAGGGTAA-1-10x	0.0972282	0.29610494	0.0042943
2w4w_SITTE4_TTGATGGTCCTGTAAG-1-10x	0.03987807	0.09190741	6.67E-05
7w11w_SITTC3_AAACGCTGTTGCTAGT-1-10x	0.03075548	0.05942604	4.68E-05
7w11w_SITTC3_AAAGAACAGAAATTCG-1-10x	0.04671577	0.11625334	0.00010777
7w11w_SITTC3_AAAGAACCATGGCTGC-1-10x	0.13433155	0.42821297	0.0019027
7w11w_SITTC3_AAAGGGCTCTCATTGT-1-10x	0.2656462	0.8957642	0.00075974
7w11w_SITTC3_AAAGGTAGTCCACACG-1-10x	0.08625652	0.25703982	0.0039187
7w11w_SITTC3_AAAGTCCAGATCGCCC-1-10x	0.28824377	0.97622377	0.0007596
7w11w_SITTC3_AAAGTCCCAGTCAGAG-1-10x	0.03123963	0.06114987	4.68E-05
7w11w_SITTC3_AAAGTCCGTCACAGAG-1-10x	0.08443261	0.25054568	0.0036353
7w11w_SITTC3_AAAGTCCGTGGATCGA-1-10x	0.02893003	0.05292646	4.42E-05
7w11w_SITTC3_AAAGTGAGTTGCCAAT-1-10x	0.1827804	0.60071707	0.0014268
7w11w_SITTC3_AAAGTGATCTTCGGTC-1-10x	0.2181756	0.72674316	0.00104
7w11w_SITTC3_AAATGGAGTAGTCTTG-1-10x	0.04740914	0.11872211	0.00010777
7w11w_SITTC3_AAATGGATCAAGGACG-1-10x	0.1660725	0.54122794	0.0017206
7w11w_SITTC3_AACAAGATCGACATAC-1-10x	0.03366275	0.0697775	5.17E-05
7w11w_SITTC3_AACAGGGAGGCCCGTT-1-10x	0.04495609	0.10998792	9.39E-05
7w11w_SITTC3_AACAGGGTCTCCACA-1-10x	0.05315724	0.13918845	0.00019264
7w11w_SITTC3_AACCAACGTGCGCTCA-1-10x	0.07910035	0.23155996	0.002576
7w11w_SITTC3_AACCACACACGCTGAC-1-10x	0.03637978	0.0794516	5.82E-05
7w11w_SITTC3_AACCATGAGGGATCGT-1-10x	0.01564921	0.00563956	3.33E-05
7w11w_SITTC3_AACCTTTAGCCAGAGT-1-10x	0.08132839	0.23949298	0.0031253
7w11w_SITTC3_AACGAAACACATGTTG-1-10x	0.05422478	0.14298947	0.00021164
7w11w_SITTC3_AACGGGAAGTTGTAGA-1-10x	0.02050935	0.02294428	3.62E-05
7w11w_SITTC3_AACGTCAGTCGTATTG-1-10x	0.09302257	0.2811306	0.0044107
7w11w_SITTC3_AACTTCTGTTCTGTTCC-1-10x	0.04980439	0.1272505	0.00013566
7w11w_SITTC3_AAGAACAGTAGCGCTC-1-10x	0.25106984	0.8438645	0.00080923
7w11w_SITTC3_AAGAACATCCTAGCGG-1-10x	0.08574273	0.25521046	0.0037839
7w11w_SITTC3_AAGACAATCGTCAAAC-1-10x	0.08048479	0.23648931	0.0029431
7w11w_SITTC3_AAGATAGTCCACGTAA-1-10x	0.02394929	0.03519232	3.91E-05
7w11w_SITTC3_AAGCATCAGTTCAACC-1-10x	0.11568949	0.36183712	0.002594
7w11w_SITTC3_AAGCATCGTAGGTAGC-1-10x	0.17037757	0.5565563	0.0016584
7w11w_SITTC3_AAGCGTTCAAGAAACT-1-10x	0.01951001	0.01938609	3.55E-05
7w11w_SITTC3_AAGCGTTGTTGCATCA-1-10x	0.13942285	0.44634074	0.0018772
7w11w_SITTC3_AAGGTAACACACCTTC-1-10x	0.02717898	0.04669179	4.19E-05
7w11w_SITTC3_AAGTACCAGGCCACTC-1-10x	0.08145792	0.23995419	0.0031253
7w11w_SITTC3_AAGTCGTCCTGGATT-1-10x	0.21465786	0.7142181	0.0010625

7w11w_SITTC3_AATAGAGAGCTTGTGT-1-10x	0.07360469	0.21199244	0.0015819
7w11w_SITTC3_AATCACGTCAGCATTG-1-10x	0.03456966	0.07300659	5.37E-05
7w11w_SITTC3_AATCACGTCTCCAATT-1-10x	0.05259196	0.13717575	0.00017575
7w11w_SITTC3_AATCGACGTTATAGCC-1-10x	0.28598967	0.968198	0.00075686
7w11w_SITTC3_AATCGTGAGGGTAGCT-1-10x	0.08232176	0.24302992	0.0033032
7w11w_SITTC3_AATCGTGAGTAGCATA-1-10x	0.05096321	0.13137653	0.00014746
7w11w_SITTC3_AATCGTGGTACACGCC-1-10x	0.24415675	0.8192501	0.00084583
7w11w_SITTC3_AATCGTGTCTCTGCTG-1-10x	0.02360693	0.03397333	3.83E-05
7w11w_SITTC3_AATGACCCACGGCTAC-1-10x	0.07847075	0.22931826	0.002576
7w11w_SITTC3_AATGCCAGTAACGCGA-1-10x	0.04130428	0.09698549	7.40E-05
7w11w_SITTC3_AATGGAAAGAAGGCTC-1-10x	0.25844327	0.87011784	0.000778
7w11w_SITTC3_AATGGCTAGGTCCCTG-1-10x	0.11239611	0.35011092	0.0028393
7w11w_SITTC3_AATTTCTCGGAGCAA-1-10x	0.24736549	0.83067495	0.0008292
7w11w_SITTC3_AATTTCTCTGCAGCG-1-10x	0.27819157	0.9404325	0.00075239
7w11w_SITTC3_ACAACCAAGCGATTCT-1-10x	0.12077977	0.37996128	0.0022308
7w11w_SITTC3_ACAACCACAGTCAGCC-1-10x	0.03060694	0.05889718	4.68E-05
7w11w_SITTC3_ACAACCACATATAGCC-1-10x	0.12502493	0.39507633	0.0020803
7w11w_SITTC3_ACAAGCTGTCGTCGGT-1-10x	0.0427403	0.1020985	8.29E-05
7w11w_SITTC3_ACACAGTGTCAACCAT-1-10x	0.13900575	0.44485563	0.0018772
7w11w_SITTC3_ACACAGTTCAGGAAAT-1-10x	0.03129038	0.06133057	4.68E-05
7w11w_SITTC3_ACACCAAAGCACACAG-1-10x	0.18964666	0.6251647	0.0013244
7w11w_SITTC3_ACACCAAAGCTTGTGT-1-10x	0.06709366	0.18880968	0.00079936
7w11w_SITTC3_ACACGCGCACAAACGG-1-10x	0.01806015	0.01422381	3.44E-05
7w11w_SITTC3_ACAGAAACACCAACAT-1-10x	0.04784368	0.12026928	0.00011598
7w11w_SITTC3_ACAGAAAGTCCCGCAA-1-10x	0.24048421	0.80617386	0.00086997
7w11w_SITTC3_ACAGAAAGTGTCCATA-1-10x	0.06558514	0.1834385	0.00072102
7w11w_SITTC3_ACAGCCGAGGTTTACC-1-10x	0.08494453	0.25236842	0.0036353
7w11w_SITTC3_ACAGGGATCCCAGCGA-1-10x	0.05590774	0.14898172	0.000257
7w11w_SITTC3_ACAGGGATCTGTGCTC-1-10x	0.29253602	0.9915065	0.00076378
7w11w_SITTC3_ACATCCCTCATCTCTA-1-10x	0.28013766	0.94736165	0.00075303
7w11w_SITTC3_ACATGCACATGGCACC-1-10x	0.09003886	0.27050698	0.0042999
7w11w_SITTC3_ACATTTCCAACGGCCT-1-10x	0.10513096	0.32424304	0.0036214
7w11w_SITTC3_ACCAAACCAAGAGGTC-1-10x	0.07805887	0.22785173	0.0023954
7w11w_SITTC3_ACCAAACGTTAGCTAC-1-10x	0.10084026	0.3089658	0.0040879
7w11w_SITTC3_ACCAAACTCCATTGTT-1-10x	0.0545237	0.14405379	0.00021164
7w11w_SITTC3_ACCACAATCGCAGTGC-1-10x	0.08127871	0.23931612	0.0031253
7w11w_SITTC3_ACCCAAAGTGGTAACG-1-10x	0.02130091	0.02576266	3.69E-05
7w11w_SITTC3_ACCCTTGTGCTGTGGC-1-10x	0.02022046	0.02191565	3.62E-05
7w11w_SITTC3_ACCGTTACAGATAACAC-1-10x	0.27844337	0.94132906	0.00075239
7w11w_SITTC3_ACCTGAAAGCAAGTGC-1-10x	0.10024841	0.3068585	0.0040879
7w11w_SITTC3_ACCTGAACAACACTGTGT-1-10x	0.03744753	0.08325336	6.07E-05

7w11w_SITTC3_ACCTGAACAAGTCCAT-1-10x	0.2609909	0.8791888	0.00076963
7w11w_SITTC3_ACCTGTCAGACCCGCT-1-10x	0.09001321	0.27041563	0.0042999
7w11w_SITTC3_ACGATCATCAACCCGG-1-10x	0.14223222	0.45634362	0.0018724
7w11w_SITTC3_ACGATGTAGTAGCAA-1-10x	0.24722336	0.8301689	0.0008292
7w11w_SITTC3_ACGCACGGTCAGTCGC-1-10x	0.10727191	0.33186597	0.0034182
7w11w_SITTC3_ACGCACGTCGTTGTTT-1-10x	0.03486136	0.0740452	5.37E-05
7w11w_SITTC3_ACGGTCGGTAGGGAGG-1-10x	0.0401158	0.09275387	7.01E-05
7w11w_SITTC3_ACGGTTAAGCCTAACT-1-10x	0.04950886	0.12619825	0.00013566
7w11w_SITTC3_ACGGTTACAACCGCTG-1-10x	0.08357919	0.24750707	0.0034742
7w11w_SITTC3_ACGGTTATCCATTTGT-1-10x	0.07317182	0.21045122	0.0015819
7w11w_SITTC3_ACGTAGTAGCAACAGC-1-10x	0.08625045	0.25701818	0.0039187
7w11w_SITTC3_ACGTAGTGTACAGAAT-1-10x	0.07221133	0.20703135	0.0014433
7w11w_SITTC3_ACGTAGTGTGTCCGGT-1-10x	0.05396738	0.14207299	0.00019264
7w11w_SITTC3_ACGTAGTTCGTGGGTC-1-10x	0.27615228	0.9331716	0.00075214
7w11w_SITTC3_ACGTCCTGTGGCATCC-1-10x	0.261291	0.8802573	0.00076963
7w11w_SITTC3_ACGTCCTGTGTGTAAT-1-10x	0.2595676	0.87412107	0.00077499
7w11w_SITTC3_ACGTTCCACGTAGAG-1-10x	0.24506037	0.8224675	0.00084014
7w11w_SITTC3_ACGTTCCGTGAAAGTT-1-10x	0.03761722	0.08385755	6.07E-05
7w11w_SITTC3_ACTACGAAGATACATG-1-10x	0.08359099	0.24754909	0.0034742
7w11w_SITTC3_ACTACGAAGCGTGAGT-1-10x	0.05017754	0.1285791	0.00013566
7w11w_SITTC3_ACTATCTAGGCGAACT-1-10x	0.07989555	0.2343913	0.0027593
7w11w_SITTC3_ACTATGGCACTGTTCC-1-10x	0.03743367	0.08320401	6.07E-05
7w11w_SITTC3_ACTATTCCAGCCGTCA-1-10x	0.18824302	0.62016696	0.0013519
7w11w_SITTC3_ACTCCAAGAGCCATG-1-10x	0.05326078	0.13955712	0.00019264
7w11w_SITTC3_ACTGTGACACTTCATT-1-10x	0.22115383	0.73734725	0.0010179
7w11w_SITTC3_ACTGTGACATCTATCT-1-10x	0.10655372	0.32930884	0.00352
7w11w_SITTC3_ACTTAGGCAGGTGGAT-1-10x	0.02953706	0.05508782	4.42E-05
7w11w_SITTC3_ACTTATCGTCTCACAA-1-10x	0.20831059	0.6916184	0.0011177
7w11w_SITTC3_ACTTCGCCATCAGCAT-1-10x	0.06564919	0.18366656	0.00072102
7w11w_SITTC3_ACTTCGCGTACTGTTG-1-10x	0.08671349	0.25866684	0.0039187
7w11w_SITTC3_ACTTCGCGTTGACTGT-1-10x	0.04743223	0.11880431	0.00011598
7w11w_SITTC3_ACTTTCAAGGTAGCAC-1-10x	0.09290174	0.2807004	0.0044107
7w11w_SITTC3_ACTTTGTCAAGTAAAG-1-10x	0.04178338	0.09869134	7.82E-05
7w11w_SITTC3_ACTTTGTTCCGTACGG-1-10x	0.01780648	0.0133206	3.44E-05
7w11w_SITTC3_AGAAATGCATGGGAAC-1-10x	0.04300171	0.10302927	8.29E-05
7w11w_SITTC3_AGAACAACAAGTGACG-1-10x	0.02041349	0.02260296	3.62E-05
7w11w_SITTC3_AGAACAACACCAGACC-1-10x	0.04835879	0.12210339	0.00012523
7w11w_SITTC3_AGAACAAGTCACTTCC-1-10x	0.04438512	0.10795496	8.81E-05
7w11w_SITTC3_AGAACAAGTCGCATTA-1-10x	0.08913203	0.2672782	0.0042295
7w11w_SITTC3_AGAAGTATCCGGTAGC-1-10x	0.12894176	0.4090224	0.0019821
7w11w_SITTC3_AGAAGTATCTCGCGTT-1-10x	0.01754213	0.01237937	3.44E-05

7w11w_SITTC3_AGACAAACACAGCTGC-1-10x	0.03760217	0.08380397	6.07E-05
7w11w_SITTC3_AGACACTAGGTCTTTG-1-10x	0.09390789	0.2842828	0.0044154
7w11w_SITTC3_AGACACTGTAGCTGCC-1-10x	0.1981646	0.65549314	0.0012187
7w11w_SITTC3_AGACACTTCCACTAGA-1-10x	0.02095439	0.02452887	3.62E-05
7w11w_SITTC3_AGACCATGTGAAAGTT-1-10x	0.03412754	0.07143241	5.17E-05
7w11w_SITTC3_AGACCCGAGCATAGGC-1-10x	0.2570666	0.8652162	0.00078121
7w11w_SITTC3_AGAGAATGTCCGCAGT-1-10x	0.23513617	0.78713197	0.00090964
7w11w_SITTC3_AGAGCCCAGCTGGAGT-1-10x	0.05067895	0.13036439	0.00014746
7w11w_SITTC3_AGAGCCCAGGGCAGAG-1-10x	0.03531503	0.07566052	5.58E-05
7w11w_SITTC3_AGAGCCCGTCCGTACC-1-10x	0.17195132	0.5621597	0.0016256
7w11w_SITTC3_AGATAGACACAAGCTT-1-10x	0.01674431	0.00953868	3.38E-05
7w11w_SITTC3_AGATCCAGTAGGTGCA-1-10x	0.02895744	0.05302404	4.42E-05
7w11w_SITTC3_AGATGCTCAATGGCAG-1-10x	0.08242053	0.2433816	0.0033032
7w11w_SITTC3_AGCCAATCACGCCAGT-1-10x	0.04308262	0.10331735	8.29E-05
7w11w_SITTC3_AGCCACGGTGAGTTTC-1-10x	0.10299347	0.31663242	0.0038193
7w11w_SITTC3_AGCCAGCAGTTCATGC-1-10x	0.15721044	0.5096742	0.0018385
7w11w_SITTC3_AGCGATTCATAGGAGC-1-10x	0.08354575	0.247388	0.0034742
7w11w_SITTC3_AGCGCCACACACGCCA-1-10x	0.1417736	0.45471066	0.0018724
7w11w_SITTC3_AGCGCCAGTGGACTGA-1-10x	0.08476847	0.25174153	0.0036353
7w11w_SITTC3_AGCGCCATCTAATTCC-1-10x	0.2826873	0.9564398	0.00075462
7w11w_SITTC3_AGCGTATTCTCGTGGG-1-10x	0.03255257	0.06582467	5.00E-05
7w11w_SITTC3_AGCGTCGGTACAGTCT-1-10x	0.11507334	0.35964328	0.002594
7w11w_SITTC3_AGCTTCCAGTGGATAT-1-10x	0.24028246	0.80545557	0.00086997
7w11w_SITTC3_AGCTTCCCATCTGTTT-1-10x	0.07569428	0.21943252	0.0020486
7w11w_SITTC3_AGCTTCCGTGCAACAG-1-10x	0.10087684	0.30909607	0.0040879
7w11w_SITTC3_AGCTTCCGTGGTCCGT-1-10x	0.0727597	0.20898384	0.0014433
7w11w_SITTC3_AGGAAATGTTAGAAAC-1-10x	0.04796659	0.12070693	0.00011598
7w11w_SITTC3_AGGACTTCAGCTTTGA-1-10x	0.03278767	0.06666175	5.00E-05
7w11w_SITTC3_AGGACTTTCAGACCCG-1-10x	0.08731265	0.2608002	0.0040384
7w11w_SITTC3_AGGATAAAGCAAGGAA-1-10x	0.115121	0.359813	0.002594
7w11w_SITTC3_AGGATAAAGTCGGGAT-1-10x	0.04769305	0.11973297	0.00011598
7w11w_SITTC3_AGGCATTAGAAGTATC-1-10x	0.02543424	0.04047953	4.00E-05
7w11w_SITTC3_AGGCATTAGGACTATA-1-10x	0.09330596	0.28213963	0.0044107
7w11w_SITTC3_AGGCTGCTCGCACGGT-1-10x	0.04569502	0.11261891	0.00010046
7w11w_SITTC3_AGGGAGTCACTCACTC-1-10x	0.2760257	0.9327209	0.00075214
7w11w_SITTC3_AGGGCCTCAACACAGG-1-10x	0.11604832	0.36311474	0.0025211
7w11w_SITTC3_AGGGCTCAGTATCTGC-1-10x	0.02529733	0.03999208	4.00E-05
7w11w_SITTC3_AGGGCTCCATCGGAGA-1-10x	0.10904174	0.33816752	0.0032165
7w11w_SITTC3_AGGGTCCAGTAGCTCT-1-10x	0.05740052	0.15429683	0.00028394
7w11w_SITTC3_AGGGTCCCTCCGGACT-1-10x	0.07679519	0.22335237	0.0022191
7w11w_SITTC3_AGGGTCCCTCCGGTAAT-1-10x	0.03793042	0.08497272	6.07E-05

7w11w_SITTC3_AGGGTGAAGCGTACT-1-10x	0.10443953	0.3217812	0.0037215
7w11w_SITTC3_AGGGTTTAGTGAGCCA-1-10x	0.01506682	0.00356594	3.27E-05
7w11w_SITTC3_AGGTCATAGCCTTGAT-1-10x	0.04983047	0.12734337	0.00013566
7w11w_SITTC3_AGGTCATCACTACAGT-1-10x	0.06281415	0.17357227	0.00052741
7w11w_SITTC3_AGGTCATGTACGGCAA-1-10x	0.04918244	0.125036	0.00012523
7w11w_SITTC3_AGGTCTAAGTCGAAGC-1-10x	0.05380439	0.14149266	0.00019264
7w11w_SITTC3_AGGTCTAGTTCTCGCT-1-10x	0.0966457	0.2940309	0.0043435
7w11w_SITTC3_AGGTGTTGTAGCCAGA-1-10x	0.04924721	0.12526664	0.00012523
7w11w_SITTC3_AGGTGTTTCAGACCCG-1-10x	0.04881554	0.12372964	0.00012523
7w11w_SITTC3_AGGTGTTTCGACCTAA-1-10x	0.28814313	0.9758654	0.0007596
7w11w_SITTC3_AGGTTACCACCTCTAC-1-10x	0.02911433	0.05358266	4.42E-05
7w11w_SITTC3_AGGTTACGTCAGGTGA-1-10x	0.05809533	0.15677074	0.00031414
7w11w_SITTC3_AGGTTGTGTTTGGAAA-1-10x	0.01887072	0.01710988	3.49E-05
7w11w_SITTC3_AGTACCACACGCGTA-1-10x	0.05195304	0.13490085	0.00016076
7w11w_SITTC3_AGTACCAGTCGCGTCA-1-10x	0.0299316	0.0564926	4.55E-05
7w11w_SITTC3_AGTACTGAGGAAAGGT-1-10x	0.03844024	0.08678795	6.36E-05
7w11w_SITTC3_AGTCAACGTTATCCAG-1-10x	0.16141388	0.5246407	0.0017883
7w11w_SITTC3_AGTCATGCAAGCTCTA-1-10x	0.21608508	0.71929973	0.001055
7w11w_SITTC3_AGTCATGGTGCCAAGA-1-10x	0.08214084	0.24238576	0.0031253
7w11w_SITTC3_AGTGACTCAAGTGGTG-1-10x	0.03610256	0.07846454	5.58E-05
7w11w_SITTC3_AGTGATCAGTACAGAT-1-10x	0.04994565	0.12775345	0.00013566
7w11w_SITTC3_AGTGATCGTCGTGATT-1-10x	0.02773171	0.04865977	4.30E-05
7w11w_SITTC3_AGTGATCTCCTCTGCA-1-10x	0.05104046	0.13165157	0.00014746
7w11w_SITTC3_AGTGATCTCGTAACCA-1-10x	0.10999331	0.34155563	0.0031181
7w11w_SITTC3_AGTGATCTCTGCTCTG-1-10x	0.08204369	0.24203986	0.0031253
7w11w_SITTC3_AGTGCCGAGCTACGTT-1-10x	0.04230107	0.1005346	7.82E-05
7w11w_SITTC3_AGTGCCGTCTCTGCA-1-10x	0.11449976	0.35760102	0.0026715
7w11w_SITTC3_AGTGTTGTCATGGAGG-1-10x	0.01838717	0.01538818	3.49E-05
7w11w_SITTC3_AGTTAGCAGCGCGTTC-1-10x	0.25671175	0.86395276	0.00078463
7w11w_SITTC3_AGTTAGCGTATTTCCGG-1-10x	0.04645261	0.11531633	0.00010046
7w11w_SITTC3_AGTTAGCTCGCACGAC-1-10x	0.08942892	0.26833525	0.0042295
7w11w_SITTC3_AGTTGACACTGCGTG-1-10x	0.03656748	0.08011992	5.82E-05
7w11w_SITTC3_ATACCGAGTTCGGGTC-1-10x	0.26854092	0.90607095	0.00075594
7w11w_SITTC3_ATACTTCCAAGGCTTT-1-10x	0.18680425	0.6150442	0.0013662
7w11w_SITTC3_ATACTTCGTGGATCAG-1-10x	0.06229777	0.17173369	0.00047505
7w11w_SITTC3_ATACTTCTCTTTTCGAT-1-10x	0.03172508	0.06287836	4.83E-05
7w11w_SITTC3_ATAGACCCATTGAAAG-1-10x	0.10426623	0.32116413	0.0037215
7w11w_SITTC3_ATAGAGACACCTCTAC-1-10x	0.27717003	0.9367953	0.00075222
7w11w_SITTC3_ATAGAGATCGCTTTAT-1-10x	0.269029	0.9078088	0.00075594
7w11w_SITTC3_ATATCCTAGCACTCTA-1-10x	0.14089888	0.45159623	0.0018734
7w11w_SITTC3_ATCACAGAGAAACCAT-1-10x	0.18960199	0.6250056	0.0013244

7w11w_SITTC3_ATCACAGCATCCTCAC-1-10x	0.13092653	0.41608927	0.001948
7w11w_SITTC3_ATCACAGTCACGATAC-1-10x	0.04001806	0.09240584	7.01E-05
7w11w_SITTC3_ATCACAGTCGAGTGAG-1-10x	0.14005353	0.4485863	0.001875
7w11w_SITTC3_ATCACGACAAGGGCAT-1-10x	0.2711574	0.9153871	0.00075352
7w11w_SITTC3_ATCACGACACTGTGTA-1-10x	0.06929718	0.19665538	0.0010821
7w11w_SITTC3_ATCACGAGTCTTGGTA-1-10x	0.07801676	0.2277018	0.0023954
7w11w_SITTC3_ATCACGATCCAGCACG-1-10x	0.0203321	0.02231317	3.62E-05
7w11w_SITTC3_ATCACTTTCCAATGCA-1-10x	0.04449197	0.10833541	8.81E-05
7w11w_SITTC3_ATCACTTTCCGGCTCTT-1-10x	0.08140685	0.23977235	0.0031253
7w11w_SITTC3_ATCATTCTCGTAGGGA-1-10x	0.04540321	0.11157991	9.39E-05
7w11w_SITTC3_ATCCATTACCAACAT-1-10x	0.09110852	0.27431554	0.0043535
7w11w_SITTC3_ATCCATTAGTGTGGA-1-10x	0.0563064	0.15040116	0.000257
7w11w_SITTC3_ATCCTATAGAGTCTTC-1-10x	0.08230792	0.24298066	0.0033032
7w11w_SITTC3_ATCGCCTAGAAGAACG-1-10x	0.01782899	0.01340074	3.44E-05
7w11w_SITTC3_ATCGCCTAGGTTACCT-1-10x	0.04496572	0.1100222	9.39E-05
7w11w_SITTC3_ATCGCCTTCTGTACC-1-10x	0.08815093	0.26378495	0.0041422
7w11w_SITTC3_ATCGGATGTAGCGATG-1-10x	0.08880983	0.26613095	0.0042295
7w11w_SITTC3_ATCGGATGTCCGGCAT-1-10x	0.0491378	0.12487706	0.00012523
7w11w_SITTC3_ATCGGATGTCCTCATC-1-10x	0.0165243	0.00875533	3.38E-05
7w11w_SITTC3_ATCGGCGAGACTTCGT-1-10x	0.02825217	0.0505129	4.30E-05
7w11w_SITTC3_ATCGTCTCCACTAGA-1-10x	0.07475544	0.21608974	0.001885
7w11w_SITTC3_ATCGTGACAGTCGGAA-1-10x	0.14883354	0.4798479	0.0018713
7w11w_SITTC3_ATCGTGAGTGTGGTCC-1-10x	0.08575286	0.25524652	0.0037839
7w11w_SITTC3_ATCGTGAGTTAAGGAT-1-10x	0.21453021	0.7137636	0.0010701
7w11w_SITTC3_ATGAAAGAGTAGTCAA-1-10x	0.04289293	0.10264196	8.29E-05
7w11w_SITTC3_ATGAAAGGTTAAACCC-1-10x	0.19397223	0.64056605	0.0012624
7w11w_SITTC3_ATGACCATCTCGGTAA-1-10x	0.05102965	0.13161308	0.00014746
7w11w_SITTC3_ATGAGGGAGAAGGATG-1-10x	0.02813717	0.05010343	4.30E-05
7w11w_SITTC3_ATGAGTCCACAATGCT-1-10x	0.05759293	0.15498193	0.00028394
7w11w_SITTC3_ATGCATGAGACAATA-1-10x	0.03372693	0.07000601	5.17E-05
7w11w_SITTC3_ATGGAGGAGCTCGCAC-1-10x	0.02752922	0.04793881	4.19E-05
7w11w_SITTC3_ATGGAGGGTTCGAGCC-1-10x	0.22052753	0.7351173	0.0010179
7w11w_SITTC3_ATGGAGGTCCGCAAT-1-10x	0.05568842	0.14820082	0.000233
7w11w_SITTC3_ATGGATCAGTCCGCGT-1-10x	0.25891763	0.87180686	0.00077499
7w11w_SITTC3_ATGGATCCAAGCTGTT-1-10x	0.11207473	0.34896663	0.002929
7w11w_SITTC3_ATGGATCGTCAATTC-1-10x	0.09910578	0.3027901	0.0041652
7w11w_SITTC3_ATGGATCGTGTCATTG-1-10x	0.1536195	0.4968885	0.0018575
7w11w_SITTC3_ATGGGAGAGGCGTTAG-1-10x	0.10176196	0.31224757	0.0040036
7w11w_SITTC3_ATGGGTTAGCTTACGT-1-10x	0.04489414	0.10976734	9.39E-05
7w11w_SITTC3_ATGGGTTTCTAGCCAA-1-10x	0.26579252	0.8962852	0.00075974
7w11w_SITTC3_ATGTCCCGTGAGCCAA-1-10x	0.08205991	0.24209759	0.0031253

7w11w_SITTC3_ATTACCTCACTGAGTT-1-10x	0.08763336	0.26194212	0.0040384
7w11w_SITTC3_ATTACCTCAGTTGTCA-1-10x	0.04655505	0.11568108	0.00010777
7w11w_SITTC3_ATTACCTTCTCTGGTC-1-10x	0.02502739	0.03903095	4.00E-05
7w11w_SITTC3_ATTACTCGTTGTGTAC-1-10x	0.1699554	0.5550531	0.0016584
7w11w_SITTC3_ATTCACTCACTGCACG-1-10x	0.01905436	0.01776373	3.49E-05
7w11w_SITTC3_ATTCACTGTAGTAAGT-1-10x	0.26676202	0.8997371	0.00075831
7w11w_SITTC3_ATTCAAGGTCATGGCC-1-10x	0.10146591	0.31119347	0.0040036
7w11w_SITTC3_ATTCAAGTCCCGTAAA-1-10x	0.02822099	0.05040187	4.30E-05
7w11w_SITTC3_ATTCAATCAGGGTTAGC-1-10x	0.0869535	0.25952142	0.0040384
7w11w_SITTC3_ATTCTATCGTGCAGC-1-10x	0.08001369	0.23481193	0.0027593
7w11w_SITTC3_ATTCTACTCGACGTCG-1-10x	0.2675082	0.90239394	0.00075705
7w11w_SITTC3_ATTCTTGGTAGATGTA-1-10x	0.02630438	0.04357771	4.09E-05
7w11w_SITTC3_ATTGGGTCATGCGTGC-1-10x	0.06037896	0.1649017	0.00038577
7w11w_SITTC3_ATTGTTGTTGCATAC-1-10x	0.2826282	0.9562293	0.00075462
7w11w_SITTC3_ATTTACCGTACCGTCG-1-10x	0.08822826	0.2640603	0.0041422
7w11w_SITTC3_ATTTCTGTCCTGCTAC-1-10x	0.26399738	0.8898935	0.00076313
7w11w_SITTC3_CAAAGAACAAGAGGTC-1-10x	0.01720424	0.01117631	3.38E-05
7w11w_SITTC3_CAACAACCTCGCAGTGC-1-10x	0.15710689	0.5093055	0.0018385
7w11w_SITTC3_CAACAGTCATGACCCG-1-10x	0.16793835	0.54787135	0.0016902
7w11w_SITTC3_CAACAGTGTGAGTCAG-1-10x	0.03362528	0.06964408	5.17E-05
7w11w_SITTC3_CAACCAAGTGCAGGAT-1-10x	0.28703886	0.97193366	0.00075864
7w11w_SITTC3_CAACCTCGTTATTCCT-1-10x	0.05038205	0.12930728	0.00014746
7w11w_SITTC3_CAACGATGTACCGCGT-1-10x	0.04835869	0.12210303	0.00012523
7w11w_SITTC3_CAAGACTGTCTCGGAC-1-10x	0.17410883	0.5698416	0.0015922
7w11w_SITTC3_CAAGAGGAGATTGGGC-1-10x	0.07172875	0.2053131	0.0013138
7w11w_SITTC3_CAAGAGGCACGGTCTG-1-10x	0.23652524	0.7920778	0.00089602
7w11w_SITTC3_CAAGCTATCCGGACTG-1-10x	0.23716024	0.79433876	0.00088935
7w11w_SITTC3_CAATCGAGTTCACGAT-1-10x	0.2602731	0.87663305	0.00077221
7w11w_SITTC3_CACACAATCAGTGTTG-1-10x	0.15564772	0.50411004	0.0018459
7w11w_SITTC3_CACAGATCAACTCGTA-1-10x	0.07577574	0.21972255	0.0020486
7w11w_SITTC3_CACAGATTCACGGAGA-1-10x	0.09045085	0.27197388	0.0042999
7w11w_SITTC3_CACAGGCCACACTTAG-1-10x	0.12473625	0.39404848	0.0020803
7w11w_SITTC3_CACAGGCGTCTGATCA-1-10x	0.20722078	0.68773806	0.001126
7w11w_SITTC3_CACCAAAAGCGAGTAC-1-10x	0.01634773	0.00812664	3.33E-05
7w11w_SITTC3_CACCGTTCAGTAGATA-1-10x	0.23608954	0.7905265	0.00090278
7w11w_SITTC3_CACCGTTGTAGCTTGT-1-10x	0.07369029	0.21229723	0.0015819
7w11w_SITTC3_CACCGTTGTGCCCGTA-1-10x	0.03904019	0.0889241	6.67E-05
7w11w_SITTC3_CACCGTTGTGCTGCAC-1-10x	0.23078395	0.7716357	0.00093779
7w11w_SITTC3_CACCGTTTCTGCGGAC-1-10x	0.01942848	0.01909581	3.55E-05
7w11w_SITTC3_CACGAATGTGTCTAAC-1-10x	0.07874031	0.23027802	0.002576
7w11w_SITTC3_CACGGGTAGCACTGGA-1-10x	0.03429405	0.07202529	5.37E-05

7w11w_SITTC3_CACGTGGGTCTACTGA-1-10x	0.0197647	0.02029292	3.55E-05
7w11w_SITTC3_CACGTGGGTTCTCTCG-1-10x	0.02584888	0.04195589	4.09E-05
7w11w_SITTC3_CACGTGGTCCATTGCC-1-10x	0.01564254	0.0056158	3.33E-05
7w11w_SITTC3_CAGTTTCTCCGCTTAC-1-10x	0.11274846	0.35136545	0.0028393
7w11w_SITTC3_CACTGTCAGGCACAAC-1-10x	0.03802197	0.0852987	6.36E-05
7w11w_SITTC3_CACTGTCTCAGTGTCA-1-10x	0.03836963	0.08653656	6.36E-05
7w11w_SITTC3_CACTTCGTCTCGACGG-1-10x	0.0447039	0.10908997	9.39E-05
7w11w_SITTC3_CAGATACCACGGTGAA-1-10x	0.084937	0.2523416	0.0036353
7w11w_SITTC3_CAGATACGTCCCTGAG-1-10x	0.19523004	0.6450445	0.0012511
7w11w_SITTC3_CAGATCATCAACGCTA-1-10x	0.07697686	0.2239992	0.0022191
7w11w_SITTC3_CAGATTGGTACTCAAC-1-10x	0.18529843	0.6096826	0.0013959
7w11w_SITTC3_CAGCAATCAGAGATTA-1-10x	0.02832387	0.05076819	4.30E-05
7w11w_SITTC3_CAGCAATGTCTACGTA-1-10x	0.0431185	0.10344508	8.29E-05
7w11w_SITTC3_CAGCAATTCGGTACAG-1-10x	0.06924172	0.19645791	0.0010821
7w11w_SITTC3_CAGCACGGTACAGGTG-1-10x	0.10199036	0.31306082	0.0039137
7w11w_SITTC3_CAGCAGCGTCCGTACG-1-10x	0.10077747	0.30874225	0.0040879
7w11w_SITTC3_CAGCCAGAGCCAAGGT-1-10x	0.11519942	0.3600922	0.002594
7w11w_SITTC3_CAGCGTGGTCCAGAAG-1-10x	0.0608834	0.16669776	0.00042799
7w11w_SITTC3_CAGGCCAGTACGCGTC-1-10x	0.04176749	0.09863478	7.40E-05
7w11w_SITTC3_CAGGGCTTCTTACCAT-1-10x	0.10446235	0.32186243	0.0037215
7w11w_SITTC3_CAGGTATCACGACCTG-1-10x	0.08508868	0.25288165	0.0037839
7w11w_SITTC3_CAGTTAGTCATGGAGG-1-10x	0.25941056	0.8735619	0.00077499
7w11w_SITTC3_CAGTTAGTCTTGGTCC-1-10x	0.26503643	0.89359313	0.00076135
7w11w_SITTC3_CAGTTCCGTTTACTTC-1-10x	0.06905855	0.19580574	0.0010821
7w11w_SITTC3_CAGTTCCGTTTCAGAC-1-10x	0.05103893	0.13164614	0.00014746
7w11w_SITTC3_CATAAGCGTGCCTAG-1-10x	0.09763809	0.29756436	0.0042943
7w11w_SITTC3_CATACAGCAAGTGATA-1-10x	0.02829749	0.05067426	4.30E-05
7w11w_SITTC3_CATACAGCATCCTCAC-1-10x	0.08165405	0.24065252	0.0031253
7w11w_SITTC3_CATACTTAGAGAGTGA-1-10x	0.2197501	0.7323493	0.0010253
7w11w_SITTC3_CATACTTAGCCTCGTG-1-10x	0.13048227	0.41450745	0.001948
7w11w_SITTC3_CATACTTCATAGTCAC-1-10x	0.12047856	0.37888882	0.0022788
7w11w_SITTC3_CATCCGTTCTGGCCAG-1-10x	0.04629728	0.11476328	0.00010046
7w11w_SITTC3_CATCGCTGTGACAACG-1-10x	0.01753234	0.0123445	3.44E-05
7w11w_SITTC3_CATCGCTGTGCAACAG-1-10x	0.03678059	0.0808787	5.82E-05
7w11w_SITTC3_CATCGTCAGACGAAGA-1-10x	0.0912898	0.27496102	0.0043535
7w11w_SITTC3_CATGAGTCATCTCGTC-1-10x	0.07596766	0.22040592	0.0020486
7w11w_SITTC3_CATGCCTAGAAGTATC-1-10x	0.01990952	0.02080854	3.55E-05
7w11w_SITTC3_CATGGTATCGAAGAAT-1-10x	0.09255848	0.2794782	0.0044107
7w11w_SITTC3_CATTCATAGAACAAGG-1-10x	0.1892042	0.6235893	0.001338
7w11w_SITTC3_CATTCATTCCGGTTCT-1-10x	0.09113318	0.27440336	0.0043535
7w11w_SITTC3_CATTCCGTCCATATGG-1-10x	0.21358003	0.71038043	0.0010778

7w11w_SITTC3_CATTGAGGTGTTTCTT-1-10x	0.01889965	0.01721289	3.49E-05
7w11w_SITTC3_CATTGAGTCTTGGAAC-1-10x	0.03276488	0.0665806	5.00E-05
7w11w_SITTC3_CATTGCCAGCTAAACA-1-10x	0.02802521	0.0497048	4.30E-05
7w11w_SITTC3_CATTGTTAGGTAAAGG-1-10x	0.05315099	0.13916622	0.00019264
7w11w_SITTC3_CATTGTTTCATGCCGGT-1-10x	0.2368506	0.7932363	0.00089602
7w11w_SITTC3_CATTCATCCGCTAGG-1-10x	0.04875961	0.12353049	0.00012523
7w11w_SITTC3_CCACAAACAATCTCTT-1-10x	0.03001986	0.05680684	4.55E-05
7w11w_SITTC3_CCACCATCACAATGTC-1-10x	0.01697099	0.01034579	3.38E-05
7w11w_SITTC3_CCACCATCAGAGTGAC-1-10x	0.0699725	0.19905989	0.0011935
7w11w_SITTC3_CCACCATCAGCCGGTT-1-10x	0.03371389	0.06995959	5.17E-05
7w11w_SITTC3_CCACCATCATCAACCA-1-10x	0.04433753	0.10778551	8.81E-05
7w11w_SITTC3_CCACGTTTCGGACTGC-1-10x	0.07950734	0.23300909	0.0027593
7w11w_SITTC3_CCACGTTTCTTGACAGA-1-10x	0.01971644	0.02012108	3.55E-05
7w11w_SITTC3_CCATAAGGTCCTGTTC-1-10x	0.01713389	0.01092582	3.38E-05
7w11w_SITTC3_CCATCACAGTCCCTAA-1-10x	0.06201055	0.17071103	0.00047505
7w11w_SITTC3_CCATCACAGTGGTGAC-1-10x	0.09743951	0.2968573	0.0042943
7w11w_SITTC3_CCCATTGAGGTGCGAT-1-10x	0.2542083	0.85503906	0.00079207
7w11w_SITTC3_CCCGAAGGTGGGTATG-1-10x	0.04795663	0.12067145	0.00011598
7w11w_SITTC3_CCCTAACCACGTA ACT-1-10x	0.0303195	0.05787373	4.55E-05
7w11w_SITTC3_CCCTAACTCCTTTAGT-1-10x	0.07389116	0.21301246	0.0017292
7w11w_SITTC3_CCCTCAAGTCTACTGA-1-10x	0.21167825	0.70360905	0.0010934
7w11w_SITTC3_CCGATCTAGCGCCTCA-1-10x	0.2061767	0.6840206	0.0011344
7w11w_SITTC3_CCGATCTGTATAGCTC-1-10x	0.03618376	0.07875367	5.82E-05
7w11w_SITTC3_CCGATGGCATCCGGTG-1-10x	0.0290031	0.05318661	4.42E-05
7w11w_SITTC3_CCGATGGCATTCTAT-1-10x	0.07584524	0.21997003	0.0020486
7w11w_SITTC3_CCGCAAGTCTGTTGGA-1-10x	0.18160717	0.59653974	0.0014587
7w11w_SITTC3_CCGGACAAGACATGCG-1-10x	0.01992983	0.02088086	3.55E-05
7w11w_SITTC3_CCGGGTAAGGACAGTC-1-10x	0.09177452	0.27668688	0.0043903
7w11w_SITTC3_CCGGGTACAAGCTACT-1-10x	0.0937172	0.28360385	0.0044154
7w11w_SITTC3_CCGGGTAGTGCCACA-1-10x	0.26625022	0.8979148	0.00075974
7w11w_SITTC3_CCGGTAGAGTCTCCTC-1-10x	0.0833839	0.2468117	0.0034742
7w11w_SITTC3_CCGGTAGCAGAAAGTTA-1-10x	0.04677089	0.11644959	0.00010777
7w11w_SITTC3_CCGGTAGCAGGTCAGA-1-10x	0.08895776	0.26665768	0.0042295
7w11w_SITTC3_CCGGTAGGTCATGGCC-1-10x	0.08279758	0.24472411	0.0033032
7w11w_SITTC3_CCGGTAGTCACTGTCC-1-10x	0.08331453	0.24656473	0.0034742
7w11w_SITTC3_CCGGTGAGTGCAATGG-1-10x	0.10234863	0.31433645	0.0039137
7w11w_SITTC3_CCGTAGGCAGGCTTGC-1-10x	0.02616546	0.0430831	4.09E-05
7w11w_SITTC3_CCGTAGGGTACCGGAA-1-10x	0.18957548	0.62491125	0.0013244
7w11w_SITTC3_CCGTGAGCAAGACCGA-1-10x	0.06544545	0.18294112	0.00072102
7w11w_SITTC3_CCGTGAGTCGTTGCT-1-10x	0.01539316	0.00472786	3.27E-05
7w11w_SITTC3_CCGTTCATCGCGGTAC-1-10x	0.07516067	0.21753258	0.001885

7w11w_SITTC3_CCGTTCATCTAGTTCT-1-10x	0.23306409	0.7797542	0.00092358
7w11w_SITTC3_CCTAACCTCTATCGTT-1-10x	0.26426563	0.89084864	0.00076313
7w11w_SITTC3_CCTAAGAAGTATAGGT-1-10x	0.17124745	0.5596535	0.0016421
7w11w_SITTC3_CCTAAGATCGTTAGAC-1-10x	0.0744994	0.2151781	0.0017292
7w11w_SITTC3_CCTACGTAGAGTGTTA-1-10x	0.02932883	0.05434639	4.42E-05
7w11w_SITTC3_CCTACGTAGATGAATC-1-10x	0.0378022	0.0845162	6.07E-05
7w11w_SITTC3_CCTACGTGTCTGTCAA-1-10x	0.04179788	0.09874299	7.82E-05
7w11w_SITTC3_CCTATCGCAACACGTT-1-10x	0.25716937	0.8655821	0.00078121
7w11w_SITTC3_CCTATCGCACCTAAA-1-10x	0.02103444	0.02481389	3.62E-05
7w11w_SITTC3_CCTATCGCATCCTTGC-1-10x	0.08194836	0.24170044	0.0031253
7w11w_SITTC3_CCTATCGTCAAAGACA-1-10x	0.26355022	0.8883014	0.00076313
7w11w_SITTC3_CCTCACAAGGTAGCAC-1-10x	0.02345648	0.03343765	3.83E-05
7w11w_SITTC3_CCTCACAGTACAAGCG-1-10x	0.03713914	0.08215534	6.07E-05
7w11w_SITTC3_CCTCACAGTGTAAATG-1-10x	0.05483225	0.14515239	0.00021164
7w11w_SITTC3_CCTCAGTCAGTCAGCC-1-10x	0.03460688	0.07313912	5.37E-05
7w11w_SITTC3_CCTCCAACACACCTAA-1-10x	0.11226524	0.34964496	0.0028393
7w11w_SITTC3_CCTCCAAGTGCACATT-1-10x	0.04378406	0.10581487	8.81E-05
7w11w_SITTC3_CCTCCTCCATTCGGGC-1-10x	0.0388166	0.08812801	6.36E-05
7w11w_SITTC3_CCTCCTCTCGGATAAA-1-10x	0.0403351	0.09353469	7.01E-05
7w11w_SITTC3_CCTCTAGCAATGAAAC-1-10x	0.03831381	0.08633779	6.36E-05
7w11w_SITTC3_CCTCTAGCACAGCCAC-1-10x	0.02946151	0.0548188	4.42E-05
7w11w_SITTC3_CCTCTCCTCTGAGA-1-10x	0.19904925	0.658643	0.0012085
7w11w_SITTC3_CCTGCATAGATTAGCA-1-10x	0.05483967	0.14517882	0.00021164
7w11w_SITTC3_CCTGCATAGCACGTCC-1-10x	0.02657784	0.04455139	4.09E-05
7w11w_SITTC3_CCTGCATTCCCATTCG-1-10x	0.05352962	0.14051433	0.00019264
7w11w_SITTC3_CCTTCAGCACCTGTT-1-10x	0.15771064	0.5114552	0.0018302
7w11w_SITTC3_CCTTCAGTCTCCGAGG-1-10x	0.0346472	0.07328268	5.37E-05
7w11w_SITTC3_CCTTTGGCAAAGACTA-1-10x	0.10278467	0.31588897	0.0039137
7w11w_SITTC3_CCTTTGGCACCTTCCA-1-10x	0.21117687	0.7018239	0.0010934
7w11w_SITTC3_CGAAGGAGTGCCTATA-1-10x	0.08129104	0.23936002	0.0031253
7w11w_SITTC3_CGAAGTTGTACGTAGG-1-10x	0.03724803	0.08254303	6.07E-05
7w11w_SITTC3_CGAAGTTGTCATACCA-1-10x	0.03715658	0.08221744	6.07E-05
7w11w_SITTC3_CGAAGTTTCGCGTGAC-1-10x	0.1303709	0.4141109	0.001948
7w11w_SITTC3_CGACAGCAGATAGTGT-1-10x	0.02597016	0.04238771	4.09E-05
7w11w_SITTC3_CGACAGCGTTCCTTGC-1-10x	0.03337315	0.06874637	5.17E-05
7w11w_SITTC3_CGAGAAGTCCGAAATC-1-10x	0.04110221	0.09626601	7.40E-05
7w11w_SITTC3_CGAGGAATCACGGGCT-1-10x	0.01729735	0.01150781	3.38E-05
7w11w_SITTC3_CGAGTGCAGCGTACT-1-10x	0.02438705	0.036751	3.91E-05
7w11w_SITTC3_CGAGTGTCTTTCGACC-1-10x	0.04266843	0.10184259	7.82E-05
7w11w_SITTC3_CGAGTTAGTGTTATCG-1-10x	0.25775456	0.8676657	0.00078121
7w11w_SITTC3_CGATCGGAGCGGTAGT-1-10x	0.09450498	0.28640878	0.0044051

7w11w_SITTC3_CGATCGGAGTTGCTGT-1-10x	0.20932232	0.69522065	0.0011095
7w11w_SITTC3_CGATCGGTCGTAGTGT-1-10x	0.02803562	0.04974188	4.30E-05
7w11w_SITTC3_CGATGCGCATATCTCT-1-10x	0.02879841	0.05245781	4.42E-05
7w11w_SITTC3_CGCAGGTGTGGATACG-1-10x	0.06002046	0.16362523	0.00038577
7w11w_SITTC3_CGCATAACAACCTTGGT-1-10x	0.04489832	0.10978221	9.39E-05
7w11w_SITTC3_CGCATAAGTCTTAGTG-1-10x	0.0440272	0.10668057	8.81E-05
7w11w_SITTC3_CGCATAATCATCACAG-1-10x	0.04854505	0.12276655	0.00012523
7w11w_SITTC3_CGCATGGCAAGCAGGT-1-10x	0.07764958	0.22639443	0.0023954
7w11w_SITTC3_CGCATGGCACTCTCGT-1-10x	0.10692797	0.33064136	0.0034182
7w11w_SITTC3_CGCATGGGTCCGATCG-1-10x	0.02366096	0.03416571	3.83E-05
7w11w_SITTC3_CGCATGGTCAAGAGTA-1-10x	0.02069289	0.0235978	3.62E-05
7w11w_SITTC3_CGCCAGATCTGTGTGA-1-10x	0.10203087	0.31320503	0.0039137
7w11w_SITTC3_CGCCATTACAGCTTA-1-10x	0.01709979	0.01080439	3.38E-05
7w11w_SITTC3_CGCCATTGTAAGATCA-1-10x	0.04375949	0.10572738	8.81E-05
7w11w_SITTC3_CGCCATTTCTAGTGAC-1-10x	0.04584444	0.11315092	0.00010046
7w11w_SITTC3_CGCGTGACAGCGTATT-1-10x	0.06338257	0.17559618	0.00058553
7w11w_SITTC3_CGGAATTAGTGCTCAT-1-10x	0.07171783	0.20527421	0.0013138
7w11w_SITTC3_CGGAATTCACATCATG-1-10x	0.02431893	0.03650844	3.91E-05
7w11w_SITTC3_CGGAGAACATCGAAGG-1-10x	0.10241889	0.3145866	0.0039137
7w11w_SITTC3_CGGAGAATCAACCCGG-1-10x	0.25495204	0.85768723	0.00079207
7w11w_SITTC3_CGGCAGTGTAACATGA-1-10x	0.01989896	0.02077097	3.55E-05
7w11w_SITTC3_CGGGACTAGGCCTTCG-1-10x	0.09779056	0.29810724	0.0042943
7w11w_SITTC3_CGGGTCACATCCGAGC-1-10x	0.1039355	0.31998652	0.0037215
7w11w_SITTC3_CGGGTCATCGTAGAGG-1-10x	0.1076467	0.33320045	0.0033168
7w11w_SITTC3_CGGTCAGGTCAAACG-1-10x	0.03270085	0.06635263	5.00E-05
7w11w_SITTC3_CGGTCAGGTTGCGGCT-1-10x	0.04266439	0.10182823	7.82E-05
7w11w_SITTC3_CGTAAGTAGGAGAGGC-1-10x	0.18136556	0.59567946	0.0014587
7w11w_SITTC3_CGTAAGTCATAACAGT-1-10x	0.07923391	0.2320355	0.002576
7w11w_SITTC3_CGTAGTACAATGGCCC-1-10x	0.09383372	0.28401873	0.0044154
7w11w_SITTC3_CGTAGTATCGTGCTCT-1-10x	0.12152165	0.38260278	0.0022308
7w11w_SITTC3_CGTAAAAGATTACCC-1-10x	0.28250986	0.955808	0.00075462
7w11w_SITTC3_CGTGAATGTCAGTTTG-1-10x	0.04091388	0.09559547	7.40E-05
7w11w_SITTC3_CGTGATAGTATGGAAT-1-10x	0.04765282	0.11958972	0.00011598
7w11w_SITTC3_CGTGCTTCATCCGTGG-1-10x	0.08591086	0.2558091	0.0037839
7w11w_SITTC3_CGTGCTTGTCCTCTC-1-10x	0.03649557	0.07986388	5.82E-05
7w11w_SITTC3_CGTGCTTGTTCCAAT-1-10x	0.08133305	0.23950958	0.0031253
7w11w_SITTC3_CGTGCTTTCCGTACGG-1-10x	0.07055499	0.20113389	0.0011935
7w11w_SITTC3_CGTGTCTCAGGTAGTG-1-10x	0.2723878	0.919768	0.000753
7w11w_SITTC3_CGTTAGAAGGAAGTAG-1-10x	0.07759354	0.22619489	0.0023954
7w11w_SITTC3_CGTTAGAGTACGGGAT-1-10x	0.09775485	0.2979801	0.0042943
7w11w_SITTC3_CTAACCCGTATCCCTC-1-10x	0.04417436	0.10720451	8.81E-05

7w11w_SITTC3_CTAACCCGTCCATAGT-1-10x	0.12835886	0.40694693	0.0019821
7w11w_SITTC3_CTAACCCTCTGGGCAC-1-10x	0.08285958	0.24494487	0.0033032
7w11w_SITTC3_CTAACCTTAGGTGCTTT-1-10x	0.04647955	0.11541224	0.00010777
7w11w_SITTC3_CTAACCTTCCGATCGG-1-10x	0.09272545	0.2800727	0.0044107
7w11w_SITTC3_CTACAGAAGGCCTTCG-1-10x	0.07015559	0.1997118	0.0011935
7w11w_SITTC3_CTACAGAAGTGATGGC-1-10x	0.08266022	0.24423504	0.0033032
7w11w_SITTC3_CTACAGAGTACAGAAT-1-10x	0.06199304	0.1706487	0.00047505
7w11w_SITTC3_CTACAGAGTTGATCGT-1-10x	0.19285788	0.63659835	0.0012861
7w11w_SITTC3_CTACCCAAGGCACTAG-1-10x	0.27966934	0.9456942	0.00075303
7w11w_SITTC3_CTACCCAGTCATCGCG-1-10x	0.02131195	0.02580196	3.69E-05
7w11w_SITTC3_CTACCCATCTACCCAC-1-10x	0.20367666	0.67511904	0.0011608
7w11w_SITTC3_CTACGGGGTTTGAAAG-1-10x	0.02838468	0.05098471	4.30E-05
7w11w_SITTC3_CTACTATAGATAGTCA-1-10x	0.21022724	0.6984427	0.0011014
7w11w_SITTC3_CTACTATAGGCGTCCT-1-10x	0.0727015	0.20877661	0.0014433
7w11w_SITTC3_CTAGGTAAGGATCACG-1-10x	0.01956251	0.019573	3.55E-05
7w11w_SITTC3_CTATCCGCAGAGGACT-1-10x	0.06347852	0.17593782	0.00058553
7w11w_SITTC3_CTCAACCAGAAATTGC-1-10x	0.19239858	0.634963	0.0012861
7w11w_SITTC3_CTCAACCCAGGTGACA-1-10x	0.06829917	0.19310194	0.00097948
7w11w_SITTC3_CTCAACCGTAGACAGC-1-10x	0.03730923	0.08276094	6.07E-05
7w11w_SITTC3_CTCAACCTCAAAGAAC-1-10x	0.27259016	0.9204885	0.000753
7w11w_SITTC3_CTCAAGACACTCTAGA-1-10x	0.04506605	0.11037944	9.39E-05
7w11w_SITTC3_CTCAATTTCGTGTGAT-1-10x	0.08943223	0.26834705	0.0042295
7w11w_SITTC3_CTCACTGAGCTCGGCT-1-10x	0.18519384	0.6093102	0.0013959
7w11w_SITTC3_CTCACTGCAGAGGTTG-1-10x	0.04903219	0.12450102	0.00012523
7w11w_SITTC3_CTCAGAAAGATTGGGC-1-10x	0.09122221	0.27472037	0.0043535
7w11w_SITTC3_CTCAGAAGTGAGTAAT-1-10x	0.0728978	0.20947555	0.0015819
7w11w_SITTC3_CTCAGAAGTTACGATC-1-10x	0.16871053	0.55062073	0.0016744
7w11w_SITTC3_CTCAGTCTCTCACCCA-1-10x	0.26144624	0.8808101	0.00076963
7w11w_SITTC3_CTCATGCAGGATACAT-1-10x	0.05408844	0.14250405	0.00021164
7w11w_SITTC3_CTCATTAAGCATTTCG-1-10x	0.0518414	0.13450335	0.00016076
7w11w_SITTC3_CTCATTATCAATCGGT-1-10x	0.07401648	0.21345866	0.0017292
7w11w_SITTC3_CTCCAACAGGTAAACT-1-10x	0.06815583	0.19259158	0.00097948
7w11w_SITTC3_CTCCAACAGTCAACAA-1-10x	0.08487704	0.2521281	0.0036353
7w11w_SITTC3_CTCCACATCGTGGGAA-1-10x	0.0280321	0.04972933	4.30E-05
7w11w_SITTC3_CTCCATGTCATGAGTC-1-10x	0.08651855	0.25797278	0.0039187
7w11w_SITTC3_CTCCCAAAGTCACACT-1-10x	0.03351136	0.06923846	5.17E-05
7w11w_SITTC3_CTCCCAAACAAAGCTAA-1-10x	0.02063876	0.02340503	3.62E-05
7w11w_SITTC3_CTCCCAATCAGACAAA-1-10x	0.09206874	0.27773446	0.0043903
7w11w_SITTC3_CTCCCTCTCTAGGA-1-10x	0.05846739	0.15809546	0.00031414
7w11w_SITTC3_CTCCGATAGAAGGTAG-1-10x	0.1794545	0.5888751	0.0014915
7w11w_SITTC3_CTCCGATAGCAATAAC-1-10x	0.26402044	0.8899756	0.00076313

7w11w_SITTC3_CTCCTCCAGCATCCTA-1-10x	0.27428818	0.9265343	0.00075233
7w11w_SITTC3_CTCCTCCGTCACCTCC-1-10x	0.08327808	0.24643493	0.0034742
7w11w_SITTC3_CTCCTTTACAGTGTT-1-10x	0.08540103	0.2539938	0.0037839
7w11w_SITTC3_CTCCTTTGTATGGTTC-1-10x	0.04274615	0.10211934	8.29E-05
7w11w_SITTC3_CTCCTTTGTGGCATCC-1-10x	0.12696981	0.4020012	0.0020256
7w11w_SITTC3_CTCTCGAGTAATGATG-1-10x	0.03264231	0.06614417	5.00E-05
7w11w_SITTC3_CTCTCGAGTCTACATG-1-10x	0.02435317	0.03663034	3.91E-05
7w11w_SITTC3_CTCTGGTAGTTCGGTT-1-10x	0.05778969	0.15568249	0.00031414
7w11w_SITTC3_CTCTGGTCAAGAGCTG-1-10x	0.04817388	0.12144499	0.00011598
7w11w_SITTC3_CTCTGGTGTGAATAAC-1-10x	0.05084052	0.13093966	0.00014746
7w11w_SITTC3_CTGAGCGGTCCCCTGA-1-10x	0.01559719	0.00545434	3.33E-05
7w11w_SITTC3_CTGATCCGTGGCTTGC-1-10x	0.2085415	0.6924405	0.0011177
7w11w_SITTC3_CTGCAGGCAATCCTTT-1-10x	0.0154455	0.00491423	3.27E-05
7w11w_SITTC3_CTGCCATGTCTACATG-1-10x	0.2471811	0.83001846	0.0008292
7w11w_SITTC3_CTGCCTACAGGTAGTG-1-10x	0.10147723	0.3112338	0.0040036
7w11w_SITTC3_CTGCCTAGTCCGATCG-1-10x	0.15709263	0.5092547	0.0018385
7w11w_SITTC3_CTGCCTATCCGCTGTT-1-10x	0.27048787	0.9130032	0.00075418
7w11w_SITTC3_CTGCTCAAGTAAGAGG-1-10x	0.02095324	0.02452477	3.62E-05
7w11w_SITTC3_CTGGACGGTCTCTCTG-1-10x	0.09141159	0.27539465	0.0043535
7w11w_SITTC3_CTGGCAGGTCATCGCG-1-10x	0.1637578	0.53298634	0.001763
7w11w_SITTC3_CTGGTCTAGGTTGTTC-1-10x	0.14809081	0.47720337	0.0018713
7w11w_SITTC3_CTGGTCTTCGTTTACT-1-10x	0.06625179	0.18581213	0.00079936
7w11w_SITTC3_CTGTACCAGGCATGGT-1-10x	0.09415467	0.2851615	0.0044154
7w11w_SITTC3_CTGTACCTCCGCACGA-1-10x	0.15931147	0.517155	0.0018109
7w11w_SITTC3_CTGTATTCAACAACAA-1-10x	0.08020761	0.2355024	0.0027593
7w11w_SITTC3_CTGTGAATCATGAGTC-1-10x	0.05651893	0.1511579	0.000257
7w11w_SITTC3_CTGTGGGAGAGGGCGA-1-10x	0.05777988	0.15564756	0.00031414
7w11w_SITTC3_CTTACCGTCATGCCCT-1-10x	0.02260592	0.03040919	3.76E-05
7w11w_SITTC3_CTTACCGTCCGTGGTG-1-10x	0.18262176	0.60015225	0.0014427
7w11w_SITTC3_CTTAGGATCCATTGTT-1-10x	0.04443286	0.10812492	8.81E-05
7w11w_SITTC3_CTTCAATCAACAGATA-1-10x	0.09888595	0.3020074	0.0042345
7w11w_SITTC3_CTTCCGAGTAACGATA-1-10x	0.05605565	0.14950836	0.000257
7w11w_SITTC3_CTTCTTGTGAATAAC-1-10x	0.2587528	0.87121993	0.000778
7w11w_SITTC3_CTTCTTGTGTTGAACC-1-10x	0.07611883	0.22094415	0.0020486
7w11w_SITTC3_CTTGCGTCAGGAACCA-1-10x	0.05389277	0.14180735	0.00019264
7w11w_SITTC3_CTTGCGTCATAAGCGG-1-10x	0.04462498	0.10880897	9.39E-05
7w11w_SITTC3_CTTGCGGTGTAAGTTAG-1-10x	0.06546722	0.18301867	0.00072102
7w11w_SITTC3_CTTGCGTTCGACGTCG-1-10x	0.1778104	0.58302116	0.0015248
7w11w_SITTC3_CTTCTCTCAGGTGACA-1-10x	0.19978702	0.66126984	0.0011985
7w11w_SITTC3_CTTCTCTGTCGGAAAC-1-10x	0.02941888	0.05466701	4.42E-05
7w11w_SITTC3_CTTGAGAAGTCTGGTT-1-10x	0.03923716	0.08962543	6.67E-05

7w11w_SITTC3_CTTTCAACATAGCTGT-1-10x	0.04508125	0.11043354	9.39E-05
7w11w_SITTC3_CTTTCAATCCGCATAA-1-10x	0.04212602	0.09991132	7.82E-05
7w11w_SITTC3_GAAACCTTCGGCAGTC-1-10x	0.07593155	0.22027734	0.0020486
7w11w_SITTC3_GAAACTAGGTCCGAA-1-10x	0.27670956	0.93515575	0.00075222
7w11w_SITTC3_GAACTGTCATTGTACG-1-10x	0.0745862	0.21548715	0.0017292
7w11w_SITTC3_GAACTGTTCTTCGTAT-1-10x	0.07963394	0.23345983	0.0027593
7w11w_SITTC3_GAAGAATCATCGTGCC-1-10x	0.22569393	0.75351244	0.00098137
7w11w_SITTC3_GAAGCCCAGGTTAGTA-1-10x	0.27954513	0.94525194	0.00075303
7w11w_SITTC3_GAAGCGATCAGTCACA-1-10x	0.1506578	0.48634326	0.0018694
7w11w_SITTC3_GAATCACAGGTACCTT-1-10x	0.02242872	0.02977828	3.76E-05
7w11w_SITTC3_GAATCACTCAATCTCT-1-10x	0.20074274	0.66467273	0.0011888
7w11w_SITTC3_GACACGCCAAGTACCT-1-10x	0.19510102	0.6445852	0.0012511
7w11w_SITTC3_GACATCAAGGTTAGTA-1-10x	0.13312724	0.42392495	0.0019115
7w11w_SITTC3_GACATCACATCGATGT-1-10x	0.03021364	0.05749679	4.55E-05
7w11w_SITTC3_GACATCATCGTGTTCC-1-10x	0.2761319	0.933099	0.00075214
7w11w_SITTC3_GACCAATAGGGAACAA-1-10x	0.01505466	0.00352264	3.27E-05
7w11w_SITTC3_GACCAATGTTGCATCA-1-10x	0.2596975	0.8745836	0.00077221
7w11w_SITTC3_GACCGTGGTTGTGGAG-1-10x	0.2110913	0.7015192	0.0010934
7w11w_SITTC3_GACCTTCCACAGTCAT-1-10x	0.05120679	0.1322438	0.00016076
7w11w_SITTC3_GACGCTGAGGTGCCAA-1-10x	0.10541052	0.3252384	0.0036214
7w11w_SITTC3_GACGTTACAATCGCCG-1-10x	0.08234829	0.24312438	0.0033032
7w11w_SITTC3_GACTATGAGAGCCGAT-1-10x	0.02725541	0.04696392	4.19E-05
7w11w_SITTC3_GACTATGTCCAGCACG-1-10x	0.04378488	0.10581778	8.81E-05
7w11w_SITTC3_GACTCAATCTAGAACC-1-10x	0.19446523	0.6423214	0.0012624
7w11w_SITTC3_GACTCTCAGCCATGCC-1-10x	0.03337029	0.06873618	5.17E-05
7w11w_SITTC3_GACTCTCAGTAGGCCA-1-10x	0.10603026	0.32744503	0.00352
7w11w_SITTC3_GACTCTCTCTCCGAAA-1-10x	0.04231432	0.10058179	7.82E-05
7w11w_SITTC3_GAGAAATAGACTGTTC-1-10x	0.13578124	0.43337464	0.0018891
7w11w_SITTC3_GAGAAATTCACCGACG-1-10x	0.07727518	0.22506139	0.0022191
7w11w_SITTC3_GAGACCCAGGCCGCTT-1-10x	0.04091091	0.09558487	7.40E-05
7w11w_SITTC3_GAGACCCCATCGTCCT-1-10x	0.2724527	0.91999906	0.000753
7w11w_SITTC3_GAGACTTGTCGATGCC-1-10x	0.02909318	0.05350736	4.42E-05
7w11w_SITTC3_GAGAGGTCAATTTCTC-1-10x	0.1915768	0.632037	0.0012985
7w11w_SITTC3_GAGATGGCAGACCGCT-1-10x	0.05713915	0.15336621	0.00028394
7w11w_SITTC3_GAGATGGTCTGGGTGC-1-10x	0.09745759	0.29692167	0.0042943
7w11w_SITTC3_GAGCCTGAGAGTGTGC-1-10x	0.09264672	0.27979237	0.0044107
7w11w_SITTC3_GAGCCTGTCGGCATAT-1-10x	0.17617333	0.5771923	0.0015416
7w11w_SITTC3_GAGCTGCAGAAGGTAG-1-10x	0.04136339	0.09719594	7.40E-05
7w11w_SITTC3_GAGCTGCAGTTGAAAC-1-10x	0.04781574	0.12016982	0.00011598
7w11w_SITTC3_GAGGCAAAGGTAAACT-1-10x	0.22558548	0.7531263	0.00098137
7w11w_SITTC3_GAGGCCTAGTTACGGG-1-10x	0.21632415	0.720151	0.001055

7w11w_SITTC3_GAGGCCTCAATCCTTT-1-10x	0.04230902	0.10056292	7.82E-05
7w11w_SITTC3_GAGGCCTCCGAGATT-1-10x	0.05744183	0.1544439	0.00028394
7w11w_SITTC3_GAGGGATGTGTAAACA-1-10x	0.04546356	0.11179478	9.39E-05
7w11w_SITTC3_GAGGGTAGTACCTGTA-1-10x	0.25918886	0.8727726	0.00077499
7w11w_SITTC3_GAGTCATGTACCTAAC-1-10x	0.22374398	0.7465696	0.00099599
7w11w_SITTC3_GAGTCTAAGCACACCC-1-10x	0.15242223	0.4926256	0.0018651
7w11w_SITTC3_GAGTCTAAGGATCATA-1-10x	0.16105983	0.52338004	0.0018
7w11w_SITTC3_GAGTCTAAGGTATCTC-1-10x	0.06504564	0.1815176	0.00064991
7w11w_SITTC3_GAGTCTATCGCCTTGT-1-10x	0.08240687	0.24333297	0.0033032
7w11w_SITTC3_GAGTGAGTCGCTGCGA-1-10x	0.05704658	0.15303662	0.00028394
7w11w_SITTC3_GAGTGTTTCGAAACAA-1-10x	0.05026133	0.12887746	0.00014746
7w11w_SITTC3_GAGTGTTTCGTACCT-1-10x	0.03384621	0.07043071	5.17E-05
7w11w_SITTC3_GAGTTACCAATCCTTT-1-10x	0.12432555	0.39258617	0.0021124
7w11w_SITTC3_GAGTTACGTGGCGTAA-1-10x	0.01749072	0.01219631	3.44E-05
7w11w_SITTC3_GAGTTGTGTCCGGATC-1-10x	0.17506325	0.57323986	0.0015753
7w11w_SITTC3_GAGTTTGCAACCCTCT-1-10x	0.2604757	0.8773544	0.00077221
7w11w_SITTC3_GAGTTTGACAGTTACCA-1-10x	0.26267394	0.88518137	0.00076511
7w11w_SITTC3_GAGTTTGTCTCTCTTC-1-10x	0.09706534	0.29552507	0.0043435
7w11w_SITTC3_GATAGCTGTCTGTCCT-1-10x	0.03467184	0.07337041	5.37E-05
7w11w_SITTC3_GATAGCTTCGCATTGA-1-10x	0.05123594	0.13234758	0.00016076
7w11w_SITTC3_GATCAGTAGCCGCTTG-1-10x	0.15622935	0.50618094	0.0018459
7w11w_SITTC3_GATCATGAGGTACAGC-1-10x	0.03485531	0.07402366	5.37E-05
7w11w_SITTC3_GATCATGGTATCAAGA-1-10x	0.2566252	0.8636446	0.00078463
7w11w_SITTC3_GATCATGTCATGAGAA-1-10x	0.22889744	0.7649187	0.0009522
7w11w_SITTC3_GATCCCTCACGGGCT-1-10x	0.03325011	0.06830829	5.00E-05
7w11w_SITTC3_GATCGTAGTCACCGAC-1-10x	0.01514114	0.00383053	3.27E-05
7w11w_SITTC3_GATGAGGGTTCAACGT-1-10x	0.08984088	0.26980206	0.0042999
7w11w_SITTC3_GATGATCGTGGATACG-1-10x	0.01525709	0.0042434	3.27E-05
7w11w_SITTC3_GATGCTACATTGTCGA-1-10x	0.02991226	0.05642372	4.55E-05
7w11w_SITTC3_GATGGAGAGACGATAT-1-10x	0.07446875	0.215069	0.0017292
7w11w_SITTC3_GATGGAGTCTCCTACG-1-10x	0.12266242	0.3866645	0.0021479
7w11w_SITTC3_GATGTTGGTTTCGTAG-1-10x	0.05364117	0.1409115	0.00019264
7w11w_SITTC3_GATTTCGAGTCAGGAGT-1-10x	0.05218342	0.13572112	0.00017575
7w11w_SITTC3_GATTCTTAGCAGGCTA-1-10x	0.08572098	0.255133	0.0037839
7w11w_SITTC3_GATTCTTCACGGCGTT-1-10x	0.02063618	0.02339588	3.62E-05
7w11w_SITTC3_GATTCTTGTTATCTTC-1-10x	0.0661879	0.18558465	0.00072102
7w11w_SITTC3_GATTGGTCATGAATAG-1-10x	0.26563403	0.8957209	0.00075974
7w11w_SITTC3_GCAACATAGGTTCACT-1-10x	0.12464066	0.39370814	0.0020803
7w11w_SITTC3_GCAACGGTGAGACCA-1-10x	0.02250503	0.03004997	3.76E-05
7w11w_SITTC3_GCACATAGTAGACAAT-1-10x	0.07836949	0.22895771	0.0023954
7w11w_SITTC3_GCACATATCGCAGATT-1-10x	0.05594542	0.1491159	0.000257

7w11w_SITTC3_GCACGGTGTCAACCAT-1-10x	0.2857019	0.96717334	0.00075686
7w11w_SITTC3_GCACGGTGTTAGGCTT-1-10x	0.11251857	0.35054693	0.0028393
7w11w_SITTC3_GCACGTGTCGTTGCCT-1-10x	0.03925099	0.08967465	6.67E-05
7w11w_SITTC3_GCACGTGTCTCAATCT-1-10x	0.02144598	0.0262792	3.69E-05
7w11w_SITTC3_GCACTAAGTGTTGTA-1-10x	0.05497951	0.14567673	0.000233
7w11w_SITTC3_GCAGCCACAAAGGCGT-1-10x	0.01507421	0.00359222	3.27E-05
7w11w_SITTC3_GCAGCCACAACCTCATG-1-10x	0.01641823	0.00837769	3.38E-05
7w11w_SITTC3_GCAGCCATCTAGTTCT-1-10x	0.18255982	0.59993166	0.0014427
7w11w_SITTC3_GCAGCTGAGCCATTTG-1-10x	0.04834043	0.12203798	0.00011598
7w11w_SITTC3_GCAGCTGAGCTACAAA-1-10x	0.0555732	0.14779058	0.000233
7w11w_SITTC3_GCAGCTGTCGGTGTAT-1-10x	0.05129018	0.13254073	0.00016076
7w11w_SITTC3_GCATCTCAGACTTGTC-1-10x	0.09240785	0.27894187	0.0043903
7w11w_SITTC3_GCATCTCGTATGCTTG-1-10x	0.0254785	0.04063714	4.00E-05
7w11w_SITTC3_GCATGATCACGCTATA-1-10x	0.09570991	0.290699	0.0043808
7w11w_SITTC3_GCATGATCATAGGAGC-1-10x	0.02035143	0.02238201	3.62E-05
7w11w_SITTC3_GCATTAGCACGACTAT-1-10x	0.0778936	0.22726329	0.0023954
7w11w_SITTC3_GCATTAGGTAACGATA-1-10x	0.14348812	0.4608153	0.0018716
7w11w_SITTC3_GCCAACGAGGGCATGT-1-10x	0.20895639	0.69391775	0.0011177
7w11w_SITTC3_GCCAACGAGGGTATAT-1-10x	0.19782785	0.65429413	0.0012187
7w11w_SITTC3_GCCAACGGTCTCGCGA-1-10x	0.0226136	0.03043653	3.76E-05
7w11w_SITTC3_GCCAGCAGTATTCCGA-1-10x	0.0831434	0.24595541	0.0034742
7w11w_SITTC3_GCCAGCATCGACGCGT-1-10x	0.04978962	0.12719789	0.00013566
7w11w_SITTC3_GCCCGAAAGATGGCAC-1-10x	0.25333986	0.85194695	0.00079608
7w11w_SITTC3_GCCGATGCATGTGTCA-1-10x	0.20764291	0.6892411	0.001126
7w11w_SITTC3_GCCGATGGTTCGGTCG-1-10x	0.04313008	0.10348634	8.29E-05
7w11w_SITTC3_GCCTGTTAGCTAATCC-1-10x	0.09029341	0.27141333	0.0042999
7w11w_SITTC3_GCCTGTTTCACCGCTT-1-10x	0.07976	0.23390868	0.0027593
7w11w_SITTC3_GCGATCGTCCCGAGGT-1-10x	0.29093516	0.9858066	0.00076269
7w11w_SITTC3_GCGTGACATGAGATA-1-10x	0.05294908	0.1384473	0.00017575
7w11w_SITTC3_GCGTGACAGTCACTCTC-1-10x	0.02776338	0.04877256	4.30E-05
7w11w_SITTC3_GCTACCTAGTCTCCTC-1-10x	0.26849335	0.9059016	0.00075594
7w11w_SITTC3_GCTCAAAAGCAAGGAA-1-10x	0.03131849	0.06143066	4.68E-05
7w11w_SITTC3_GCTCAAAGTGGACTGA-1-10x	0.07934935	0.23244655	0.0027593
7w11w_SITTC3_GCTCAAATCCTTCTGG-1-10x	0.04769518	0.11974057	0.00011598
7w11w_SITTC3_GCTGCAGCAGCTGGTC-1-10x	0.04124983	0.09679163	7.40E-05
7w11w_SITTC3_GCTGCAGGTCCATACA-1-10x	0.144388	0.4640194	0.0018716
7w11w_SITTC3_GCTTGGGCACGTAGAG-1-10x	0.09522107	0.28895843	0.0044051
7w11w_SITTC3_GCTTTCGCAGTAGATA-1-10x	0.08373392	0.248058	0.0034742
7w11w_SITTC3_GGAACCCAGGCAGTCA-1-10x	0.24927036	0.83745736	0.00081888
7w11w_SITTC3_GGAAGTGCAGTTAGGG-1-10x	0.05457677	0.14424276	0.00021164
7w11w_SITTC3_GGAAGTGTCCGAAGGA-1-10x	0.04967477	0.12678897	0.00013566

7w11w_SITTC3_GGAATGGGTCACAGAG-1-10x	0.09925515	0.30332196	0.0041652
7w11w_SITTC3_GGACGTCAGCATTTTCG-1-10x	0.04252736	0.10134032	7.82E-05
7w11w_SITTC3_GGAGAACGTAGGAGGG-1-10x	0.06530294	0.18243372	0.00072102
7w11w_SITTC3_GGAGCAACATAGAATG-1-10x	0.04334159	0.10423941	8.29E-05
7w11w_SITTC3_GGAGGATCAAGACGGT-1-10x	0.02456292	0.03737719	3.91E-05
7w11w_SITTC3_GGAGGTACACGTACAT-1-10x	0.11063701	0.34384754	0.0030221
7w11w_SITTC3_GGATCTAAGATCCTAC-1-10x	0.23488127	0.78622437	0.00090964
7w11w_SITTC3_GGATCTACAAGACAAT-1-10x	0.2800682	0.9471143	0.00075303
7w11w_SITTC3_GGATGTTAGCACCCAC-1-10x	0.18482694	0.60800385	0.0013959
7w11w_SITTC3_GGATGTTTCGTCTACC-1-10x	0.1454712	0.46787614	0.0018716
7w11w_SITTC3_GGCACGTCAGCTGGTC-1-10x	0.03756246	0.08366258	6.07E-05
7w11w_SITTC3_GGCAGTCCATGTGCTA-1-10x	0.03267647	0.0662658	5.00E-05
7w11w_SITTC3_GGCGTCAAGGAGACCT-1-10x	0.05427613	0.14317231	0.00021164
7w11w_SITTC3_GGCGTCAAGTTCACTG-1-10x	0.0500552	0.12814349	0.00013566
7w11w_SITTC3_GGCTTGGAGATTGTGA-1-10x	0.01820783	0.01474961	3.44E-05
7w11w_SITTC3_GGCTTGGCACTGTGAT-1-10x	0.05086993	0.13104439	0.00014746
7w11w_SITTC3_GGGACAAGTAGCGCTC-1-10x	0.26740593	0.9020298	0.00075705
7w11w_SITTC3_GGGACAATCTGTGCGG-1-10x	0.02973601	0.05579618	4.55E-05
7w11w_SITTC3_GGGACTCGTTGTTGAC-1-10x	0.04253605	0.10137125	7.82E-05
7w11w_SITTC3_GGGACTCTCTACCACC-1-10x	0.01977295	0.02032229	3.55E-05
7w11w_SITTC3_GGGAGATTCCGCGGAT-1-10x	0.09719808	0.2959977	0.0042943
7w11w_SITTC3_GGGAGTATCAAGAGGC-1-10x	0.08121634	0.23909402	0.0029431
7w11w_SITTC3_GGGATCCAGTGAGTTA-1-10x	0.03549156	0.07628906	5.58E-05
7w11w_SITTC3_GGGATCCAGTTGGACG-1-10x	0.03043779	0.05829489	4.55E-05
7w11w_SITTC3_GGGCCATGTACTGTTG-1-10x	0.04001455	0.09239337	7.01E-05
7w11w_SITTC3_GGGCGTTTCCTGCTAC-1-10x	0.19354156	0.6390326	0.0012741
7w11w_SITTC3_GGGCTACAGCCGCACT-1-10x	0.06936284	0.19688918	0.0010821
7w11w_SITTC3_GGGCTCAAGCATACTC-1-10x	0.10309616	0.31699803	0.0038193
7w11w_SITTC3_GGGTAGATCGACGCTG-1-10x	0.07939006	0.23259148	0.0027593
7w11w_SITTC3_GGGTATTTCCACTAGA-1-10x	0.2739347	0.92527574	0.00075233
7w11w_SITTC3_GGGTCACAGGAGTCTG-1-10x	0.02444166	0.03694541	3.91E-05
7w11w_SITTC3_GGGTCTGTCAAGTGTCA-1-10x	0.15086916	0.4870958	0.0018676
7w11w_SITTC3_GGGTCTGTCTCAAAGC-1-10x	0.05097701	0.13142565	0.00014746
7w11w_SITTC3_GGGTCTGTCTGGACCG-1-10x	0.05533972	0.14695926	0.000233
7w11w_SITTC3_GGGTGAACAGGATTCT-1-10x	0.08228736	0.24290746	0.0033032
7w11w_SITTC3_GGGTGAATCACCTTAT-1-10x	0.05309195	0.138956	0.00019264
7w11w_SITTC3_GGGTGTCCACACCTAA-1-10x	0.2621768	0.8834113	0.00076727
7w11w_SITTC3_GGGTGTCTGCGCGTTG-1-10x	0.2165825	0.7210709	0.0010475
7w11w_SITTC3_GGGTGTCTCTATTCGT-1-10x	0.04061283	0.09452356	7.01E-05
7w11w_SITTC3_GGGTTATAGACCAAAT-1-10x	0.03107246	0.06055469	4.68E-05
7w11w_SITTC3_GGGTTATGTCGTGCCA-1-10x	0.28388813	0.96071535	0.00075531

7w11w_SITTC3_GGTAATCCATGGCGCT-1-10x	0.25512862	0.85831594	0.00078825
7w11w_SITTC3_GGTCACGCATCATGAC-1-10x	0.06521936	0.18213613	0.00064991
7w11w_SITTC3_GGTCTGGCAAGGGCAT-1-10x	0.15243848	0.4926834	0.0018651
7w11w_SITTC3_GGTGAAGAGGACAACC-1-10x	0.03955098	0.0907428	6.67E-05
7w11w_SITTC3_GGTGATTAGCAATTCC-1-10x	0.07432519	0.21455783	0.0017292
7w11w_SITTC3_GGTGATTCATAGACC-1-10x	0.27031738	0.91239613	0.00075418
7w11w_SITTC3_GGTGGCTGTGAGATTA-1-10x	0.27136233	0.9161167	0.00075352
7w11w_SITTC3_GGTGTGAGTCTGGAG-1-10x	0.28627017	0.96919674	0.00075773
7w11w_SITTC3_GGTGTGCTCACGGGCT-1-10x	0.024146	0.03589271	3.91E-05
7w11w_SITTC3_GGTGTGCTCTTCACAT-1-10x	0.02494409	0.03873436	4.00E-05
7w11w_SITTC3_GGTAACTCACGTCCT-1-10x	0.21244107	0.7063251	0.0010856
7w11w_SITTC3_GGTAACTCAGGAACG-1-10x	0.01805285	0.01419781	3.44E-05
7w11w_SITTC3_GGTTCTCCAATACGAA-1-10x	0.02046594	0.02278972	3.62E-05
7w11w_SITTC3_GTAATCGGTCCCTAAA-1-10x	0.27087554	0.9143835	0.00075418
7w11w_SITTC3_GTAATCGGTGCGGCTT-1-10x	0.10162259	0.31175134	0.0040036
7w11w_SITTC3_GTAATGCTCGAGTTGT-1-10x	0.28317538	0.95817757	0.00075462
7w11w_SITTC3_GTACAACAGCGTGAAC-1-10x	0.04889984	0.1240298	0.00012523
7w11w_SITTC3_GTACAACGTGTGTACTION-1-10x	0.04731458	0.11838543	0.00010777
7w11w_SITTC3_GTACAGTAGGTAGACC-1-10x	0.04178395	0.09869337	7.82E-05
7w11w_SITTC3_GTACAGTAGGTGCTAG-1-10x	0.08452989	0.25089207	0.0036353
7w11w_SITTC3_GTAGAAACAAGAGGTC-1-10x	0.13396138	0.42689493	0.0019027
7w11w_SITTC3_GTAGAGGGTCACCACG-1-10x	0.08586656	0.25565135	0.0037839
7w11w_SITTC3_GTAGAGGGTCCGGTCA-1-10x	0.16243827	0.52828807	0.001776
7w11w_SITTC3_GTAGAGGTCTCGGTCT-1-10x	0.24717359	0.8299917	0.0008292
7w11w_SITTC3_GTAGATCGTGTTGAGG-1-10x	0.24484485	0.82170016	0.00084014
7w11w_SITTC3_GTAGCTACAGTTGAAA-1-10x	0.02129165	0.02572969	3.69E-05
7w11w_SITTC3_GTAGCTAGTCTTCATT-1-10x	0.11997763	0.37710524	0.0022788
7w11w_SITTC3_GTAGGAGCATTGCCTC-1-10x	0.01811907	0.0144336	3.44E-05
7w11w_SITTC3_GTAGGAGGTTGAGGCC-1-10x	0.09543261	0.28971165	0.0043808
7w11w_SITTC3_GTAGGTTAGTAGGTTA-1-10x	0.0534475	0.14022194	0.00019264
7w11w_SITTC3_GTAGGTTGTGCCCGTA-1-10x	0.03022599	0.05754079	4.55E-05
7w11w_SITTC3_GTAGGTTGTGGATCGA-1-10x	0.28829524	0.97640705	0.0007596
7w11w_SITTC3_GTAGTACAGCTAATGA-1-10x	0.08112753	0.23877783	0.0029431
7w11w_SITTC3_GTAGTACTCATCGCTC-1-10x	0.03977802	0.09155119	6.67E-05
7w11w_SITTC3_GTAGTACTCATGAAAG-1-10x	0.02028155	0.02213318	3.62E-05
7w11w_SITTC3_GTATTGGTCAATCCAG-1-10x	0.05210647	0.13544714	0.00016076
7w11w_SITTC3_GTATTTAGATTAGCA-1-10x	0.09232429	0.27864435	0.0043903
7w11w_SITTC3_GTATTTAGCCTCAGC-1-10x	0.06082756	0.16649896	0.00042799
7w11w_SITTC3_GTCAAACAGGAGGCAG-1-10x	0.2810891	0.9507493	0.00075348
7w11w_SITTC3_GTCAAGTTCACCATGA-1-10x	0.1960913	0.64811105	0.00124
7w11w_SITTC3_GTCACTCAGCTGAAGC-1-10x	0.02914732	0.05370013	4.42E-05

7w11w_SITTC3_GTCACTCAGGAAAGAC-1-10x	0.17725046	0.5810275	0.0015248
7w11w_SITTC3_GTCAGCGTCTCGTGGG-1-10x	0.02030806	0.02222757	3.62E-05
7w11w_SITTC3_GTCAGCGTCTTCCACG-1-10x	0.0229853	0.03176002	3.76E-05
7w11w_SITTC3_GTCATCCCAGTCGGTC-1-10x	0.01786109	0.01351502	3.44E-05
7w11w_SITTC3_GTCATCCTCCTTGGA-1-10x	0.02846436	0.05126842	4.30E-05
7w11w_SITTC3_GTCCCATCAATCCAGT-1-10x	0.05504785	0.14592005	0.000233
7w11w_SITTC3_GTCCCATCAGCCTACG-1-10x	0.03102129	0.06037246	4.68E-05
7w11w_SITTC3_GTCGAATCATCGATCA-1-10x	0.04361238	0.10520358	8.29E-05
7w11w_SITTC3_GTCGAATTCGTCTACC-1-10x	0.1041434	0.3207268	0.0037215
7w11w_SITTC3_GTCGCGAAGAGTTCGG-1-10x	0.0406262	0.09457117	7.01E-05
7w11w_SITTC3_GTCGCGATCAGTGATC-1-10x	0.13250968	0.4217261	0.0019219
7w11w_SITTC3_GTCGTAAGTGAGCCAA-1-10x	0.03120986	0.06104388	4.68E-05
7w11w_SITTC3_GTCGTTTCGTATCGAGG-1-10x	0.06972745	0.19818738	0.0010821
7w11w_SITTC3_GTCTACCAGTAGGTTA-1-10x	0.03246	0.06549506	5.00E-05
7w11w_SITTC3_GTCTAGAAGGCTGAAC-1-10x	0.20008762	0.66234016	0.0011985
7w11w_SITTC3_GTCTCACGTAACATGA-1-10x	0.27624705	0.933509	0.00075214
7w11w_SITTC3_GTCTGTCCACTTGAAC-1-10x	0.03424903	0.07186499	5.17E-05
7w11w_SITTC3_GTCTGTTCGTAGGTTTC-1-10x	0.04872253	0.12339848	0.00012523
7w11w_SITTC3_GTGAGCCAGAACTGT-1-10x	0.15259607	0.49324453	0.0018651
7w11w_SITTC3_GTGAGCCCAAAGGCGT-1-10x	0.06977174	0.19834507	0.0010821
7w11w_SITTC3_GTGAGCCCAGTTGGTT-1-10x	0.04198809	0.09942024	7.82E-05
7w11w_SITTC3_GTGAGCCGTCGCATGC-1-10x	0.09898294	0.30235276	0.0042345
7w11w_SITTC3_GTGAGTTCAGCGTATT-1-10x	0.13363972	0.4257497	0.0019115
7w11w_SITTC3_GTGAGTTGTTAATCGC-1-10x	0.10978237	0.34080458	0.0031181
7w11w_SITTC3_GTGATGTTTCGACATAC-1-10x	0.02238397	0.02961893	3.76E-05
7w11w_SITTC3_GTGACAGCAAACAGGC-1-10x	0.05767231	0.15526456	0.00028394
7w11w_SITTC3_GTGACAGCAGGGTCACA-1-10x	0.05919945	0.16070198	0.00034795
7w11w_SITTC3_GTGACAGCAGGTTTGAA-1-10x	0.02527816	0.03992383	4.00E-05
7w11w_SITTC3_GTGACAGCGTCGCTGCA-1-10x	0.01605615	0.00708846	3.33E-05
7w11w_SITTC3_GTGCTGGAGTGCAAAT-1-10x	0.21777767	0.7253263	0.00104
7w11w_SITTC3_GTGCTGGGTCTACAGT-1-10x	0.01771611	0.01299884	3.44E-05
7w11w_SITTC3_GTGCTTCCAGGTATGG-1-10x	0.03158207	0.06236914	4.83E-05
7w11w_SITTC3_GTGCTTCCATCCTCAC-1-10x	0.03303374	0.06753789	5.00E-05
7w11w_SITTC3_GTGCTTCGTTCGTTGCG-1-10x	0.1129269	0.3520008	0.0028393
7w11w_SITTC3_GTGCTTCTCCTTCAGC-1-10x	0.18827021	0.62026376	0.0013519
7w11w_SITTC3_GTGGAAGCAAGGTTGG-1-10x	0.10554692	0.3257241	0.0036214
7w11w_SITTC3_GTGCGTAGTGTTGG-1-10x	0.01742276	0.01195436	3.44E-05
7w11w_SITTC3_GTGCGTCACCATATG-1-10x	0.25342217	0.85224	0.00079608
7w11w_SITTC3_GTGGAACAAGCAATA-1-10x	0.05568635	0.14819346	0.000233
7w11w_SITTC3_GTGGAACAGTATGAA-1-10x	0.02370236	0.03431311	3.83E-05
7w11w_SITTC3_GTGTAACCAGGTGTTT-1-10x	0.04619425	0.11439644	0.00010046

7w11w_SITTC3_GTGTGATCAACCGGAA-1-10x	0.21829891	0.7271822	0.00104
7w11w_SITTC3_GTGTGATGTCTACTGA-1-10x	0.02024248	0.02199406	3.62E-05
7w11w_SITTC3_GTGTGATTCAGCACCG-1-10x	0.10203923	0.31323478	0.0039137
7w11w_SITTC3_GTGTTAGCACTCCGGA-1-10x	0.1269545	0.40194663	0.0020256
7w11w_SITTC3_GTGTTAGCAGAATTCC-1-10x	0.17319305	0.56658095	0.0016089
7w11w_SITTC3_GTTACAGTCTGGTCAA-1-10x	0.15682447	0.5082999	0.0018385
7w11w_SITTC3_GTTAGACCACTGTCCT-1-10x	0.2776891	0.93864346	0.00075239
7w11w_SITTC3_GTTAGTGAGAACTAC-1-10x	0.05040546	0.12939064	0.00014746
7w11w_SITTC3_GTTATGGCAATAGTAG-1-10x	0.04878188	0.12360981	0.00012523
7w11w_SITTC3_GTTATGGGTCCGGTGC-1-10x	0.13240957	0.42136967	0.0019219
7w11w_SITTC3_GTTATGGTCAAGTAAG-1-10x	0.06030939	0.16465397	0.00038577
7w11w_SITTC3_GTTATGGTCACGAGGA-1-10x	0.03425086	0.07187151	5.17E-05
7w11w_SITTC3_GTTCATTAGAAGTCCG-1-10x	0.028028	0.04971474	4.30E-05
7w11w_SITTC3_GTTCATTTCTGCGATA-1-10x	0.05513376	0.14622594	0.000233
7w11w_SITTC3_GTTCCGTGTGCGTGCT-1-10x	0.20474346	0.67891747	0.0011518
7w11w_SITTC3_GTTCCGCTCAGGAAGC-1-10x	0.2644417	0.8914755	0.00076135
7w11w_SITTC3_GTTCCGCTTCTCACGC-1-10x	0.25702617	0.8650722	0.00078121
7w11w_SITTC3_GTTCTATTCTCCATAT-1-10x	0.285113	0.96507657	0.00075686
7w11w_SITTC3_GTTGAACAGCCATTTG-1-10x	0.05502442	0.1458366	0.000233
7w11w_SITTC3_GTTGCTCGTATAATGG-1-10x	0.1988199	0.6578264	0.0012085
7w11w_SITTC3_GTTGTCCCACCAGCGT-1-10x	0.1264608	0.40018883	0.0020256
7w11w_SITTC3_GTTGTGAGTAGGAAAG-1-10x	0.08517081	0.25317407	0.0037839
7w11w_SITTC3_GTTTACTCATCGATCA-1-10x	0.04107527	0.09617011	7.40E-05
7w11w_SITTC3_GTTTACTTCTCCACA-1-10x	0.08132289	0.2394734	0.0031253
7w11w_SITTC3_GTTTGGACATGCGTGC-1-10x	0.12506689	0.39522576	0.0020803
7w11w_SITTC3_GTTTGGAGTTCCTACC-1-10x	0.10852925	0.33634278	0.0032165
7w11w_SITTC3_TAACCAGCAACTTGGT-1-10x	0.2846818	0.9635412	0.00075605
7w11w_SITTC3_TAACCAGGTCACAGTT-1-10x	0.14507231	0.46645588	0.0018716
7w11w_SITTC3_TAAGCACTCGAACCTA-1-10x	0.03048755	0.05847208	4.55E-05
7w11w_SITTC3_TAAGCGTCAGGGAATC-1-10x	0.15288585	0.49427631	0.0018617
7w11w_SITTC3_TAAGTCGAGGGTAGCT-1-10x	0.08558754	0.25465786	0.0037839
7w11w_SITTC3_TAAGTCGCATGTAACC-1-10x	0.2514956	0.8453804	0.00080467
7w11w_SITTC3_TAAGTCGTCCGATAGT-1-10x	0.05438203	0.14354937	0.00021164
7w11w_SITTC3_TAATCTCAGCTAGAAT-1-10x	0.04856074	0.12282243	0.00012523
7w11w_SITTC3_TAATCTCCAGCTCCGGT-1-10x	0.04641364	0.11517757	0.00010046
7w11w_SITTC3_TAATCCCAGCATTGT-1-10x	0.12621884	0.3993273	0.0020515
7w11w_SITTC3_TACAACGGTTGCTGAT-1-10x	0.16832288	0.54924047	0.0016902
7w11w_SITTC3_TACACCCAGACCTTTG-1-10x	0.02944422	0.05475726	4.42E-05
7w11w_SITTC3_TACAGGTAGCTGACAG-1-10x	0.02433077	0.03655058	3.91E-05
7w11w_SITTC3_TACAGGTAGTCAGGGT-1-10x	0.02965941	0.05552345	4.55E-05
7w11w_SITTC3_TACAGGTCAACTACGT-1-10x	0.25213408	0.84765375	0.00080467

7w11w_SITTC3_TACAGGTGTGGTTTAC-1-10x	0.27679828	0.93547165	0.00075222
7w11w_SITTC3_TACCCACGTCCGAAAG-1-10x	0.02016488	0.02171779	3.55E-05
7w11w_SITTC3_TACCCACTCCTACGGG-1-10x	0.25903246	0.8722157	0.00077499
7w11w_SITTC3_TACCGAATCGCATGAT-1-10x	0.19600834	0.6478157	0.00124
7w11w_SITTC3_TACCGGTCCCATGGG-1-10x	0.02261534	0.03044274	3.76E-05
7w11w_SITTC3_TACCTCGGTTTACCTT-1-10x	0.0771266	0.22453237	0.0022191
7w11w_SITTC3_TACGCTCAGAAGCTGC-1-10x	0.06805851	0.19224504	0.00088537
7w11w_SITTC3_TACGCTCAGTTCTCTT-1-10x	0.10678696	0.33013928	0.0034182
7w11w_SITTC3_TACGCTCGTCCGGCAT-1-10x	0.04009293	0.09267245	7.01E-05
7w11w_SITTC3_TACGCTCGTGAGAGGG-1-10x	0.09005532	0.27056557	0.0042999
7w11w_SITTC3_TACGTCCAGGAGAGTA-1-10x	0.09633091	0.2929101	0.0043435
7w11w_SITTC3_TACGTCCCAACCCGCA-1-10x	0.11383501	0.35523415	0.0027534
7w11w_SITTC3_TACGTCCGTGCCGAAA-1-10x	0.18868789	0.62175095	0.001338
7w11w_SITTC3_TACTGCCGTGCCTTCT-1-10x	0.03619004	0.07877603	5.82E-05
7w11w_SITTC3_TACTTACGTGCTAGCC-1-10x	0.220072	0.73349535	0.0010253
7w11w_SITTC3_TACTTACGTGGCGTAA-1-10x	0.28453365	0.96301377	0.00075605
7w11w_SITTC3_TACTTCATCCGGCAGT-1-10x	0.07777679	0.22684738	0.0023954
7w11w_SITTC3_TACTTGTGTAAGTCT-1-10x	0.01889769	0.01720589	3.49E-05
7w11w_SITTC3_TAGACCAGTGTAACA-1-10x	0.25666833	0.86379814	0.00078463
7w11w_SITTC3_TAGACTGTCTCCGAAA-1-10x	0.25674418	0.86406815	0.00078463
7w11w_SITTC3_TAGAGTCAGTTACGAA-1-10x	0.03667863	0.08051568	5.82E-05
7w11w_SITTC3_TAGAGTCGTTCTAAG-1-10x	0.18338616	0.6028739	0.0014268
7w11w_SITTC3_TAGAGTCTCATAACGGT-1-10x	0.259693	0.87456757	0.00077499
7w11w_SITTC3_TAGATCGGTCAGACTT-1-10x	0.27231342	0.9195031	0.000753
7w11w_SITTC3_TAGATCGGTGTCTTCC-1-10x	0.16658935	0.5430682	0.0017206
7w11w_SITTC3_TAGACAAGGCCACCT-1-10x	0.09741525	0.29677093	0.0042943
7w11w_SITTC3_TAGCACAGTAAGCAAT-1-10x	0.08453286	0.25090265	0.0036353
7w11w_SITTC3_TAGCACAGTTAGAAGT-1-10x	0.02128221	0.02569609	3.69E-05
7w11w_SITTC3_TAGGTACGTTTCGCTC-1-10x	0.13412647	0.42748275	0.0019027
7w11w_SITTC3_TAGGTTGCACAGACGA-1-10x	0.24975106	0.8391689	0.00081397
7w11w_SITTC3_TAGGTTGGTGAGTAGC-1-10x	0.27335116	0.92319804	0.0007526
7w11w_SITTC3_TATACCTAGTGCCTCG-1-10x	0.01552638	0.00520222	3.33E-05
7w11w_SITTC3_TATACCTAGTTAACGA-1-10x	0.03723064	0.08248115	6.07E-05
7w11w_SITTC3_TATACCTGTTATCTGG-1-10x	0.23582853	0.78959715	0.00090278
7w11w_SITTC3_TATACCTGTTGCGGAA-1-10x	0.06009114	0.16387689	0.00038577
7w11w_SITTC3_TATACCTTCCGTCCTA-1-10x	0.23052548	0.7707154	0.00094498
7w11w_SITTC3_TATATCCAGAGTCAAT-1-10x	0.05104223	0.13165785	0.00014746
7w11w_SITTC3_TATATCCAGTCCCGA-1-10x	0.04001139	0.0923821	7.01E-05
7w11w_SITTC3_TATCAGGCAACGGTAG-1-10x	0.23428781	0.7841114	0.00091657
7w11w_SITTC3_TATCAGGTCTGGGTCG-1-10x	0.04805279	0.12101385	0.00011598
7w11w_SITTC3_TATCCTAGTCGAACAG-1-10x	0.06924198	0.19645883	0.0010821

7w11w_SITTC3_TATCCTAGTTCTCGTC-1-10x	0.16561836	0.5396109	0.0017353
7w11w_SITTC3_TATCCTATCGCCATAA-1-10x	0.04274288	0.1021077	8.29E-05
7w11w_SITTC3_TATCCTATCGGCATCG-1-10x	0.0866235	0.25834644	0.0039187
7w11w_SITTC3_TATCTGTCAACGATCT-1-10x	0.25477883	0.8570705	0.00079207
7w11w_SITTC3_TATGTTCCACAGCATT-1-10x	0.043784	0.10581463	8.81E-05
7w11w_SITTC3_TATTCCAAGATACCAA-1-10x	0.07348637	0.21157119	0.0015819
7w11w_SITTC3_TATTCCATCACCTTGC-1-10x	0.28299245	0.95752627	0.00075462
7w11w_SITTC3_TATTGCTTCTGACGCG-1-10x	0.11542866	0.36090842	0.002594
7w11w_SITTC3_TATTGGGTCGGCTTCT-1-10x	0.07649592	0.2222868	0.0020486
7w11w_SITTC3_TATTCGTAACGCGA-1-10x	0.02721096	0.04680563	4.19E-05
7w11w_SITTC3_TATTCGGTACGGGAT-1-10x	0.20021434	0.6627914	0.0011985
7w11w_SITTC3_TATTCGGTAGCCAGA-1-10x	0.02852045	0.05146812	4.30E-05
7w11w_SITTC3_TATTCGGTTCAGCGC-1-10x	0.06854115	0.19396353	0.00097948
7w11w_SITTC3_TATTCGGTTTCTTAC-1-10x	0.13118254	0.41700077	0.001934
7w11w_SITTC3_TCAAGACTCCCTGTTG-1-10x	0.03117836	0.06093172	4.68E-05
7w11w_SITTC3_TCAAGTGAGCGACTGA-1-10x	0.09633487	0.2929242	0.0043435
7w11w_SITTC3_TCAATCTAGCATGGGT-1-10x	0.2727615	0.92109853	0.000753
7w11w_SITTC3_TCAATCTAGTTGCCTA-1-10x	0.04117083	0.09651034	7.40E-05
7w11w_SITTC3_TCAATCTAGTAACAA-1-10x	0.03983121	0.09174058	6.67E-05
7w11w_SITTC3_TCACAAGGTCGTTGCG-1-10x	0.12965906	0.41157636	0.0019639
7w11w_SITTC3_TCACAAGTCCGCGGAT-1-10x	0.01878734	0.01681298	3.49E-05
7w11w_SITTC3_TCACATTAGGTGCTTT-1-10x	0.10339655	0.3180676	0.0038193
7w11w_SITTC3_TCACGGGAGGACGCAT-1-10x	0.05965525	0.16232488	0.00038577
7w11w_SITTC3_TCACTATTCGGCTTCT-1-10x	0.07380221	0.21269573	0.0017292
7w11w_SITTC3_TCACTCGAGTCCCGGT-1-10x	0.12018076	0.37782845	0.0022788
7w11w_SITTC3_TCAGCCTCAGTGTGGA-1-10x	0.16711262	0.5449313	0.0017056
7w11w_SITTC3_TCAGGGCTCTTAATCC-1-10x	0.0839752	0.24891706	0.0034742
7w11w_SITTC3_TCAGTCCAGCTCCCTT-1-10x	0.22964236	0.76757103	0.00094498
7w11w_SITTC3_TCAGTCCATAGACC-1-10x	0.08243026	0.24341625	0.0033032
7w11w_SITTC3_TCAGTTTTCTAAGGAA-1-10x	0.02422594	0.03617736	3.91E-05
7w11w_SITTC3_TCATACTAGCCTCTGG-1-10x	0.09232473	0.27864593	0.0043903
7w11w_SITTC3_TCATACTCAGTAGGAC-1-10x	0.18325041	0.6023906	0.0014268
7w11w_SITTC3_TCATACTTCGCTGCGA-1-10x	0.06187541	0.17022987	0.00047505
7w11w_SITTC3_TCATCATCAGCAGATG-1-10x	0.04556153	0.11214362	0.00010046
7w11w_SITTC3_TCATCATTCACGAACT-1-10x	0.26970282	0.910208	0.00075499
7w11w_SITTC3_TCATCCGAGACCCTTA-1-10x	0.13831379	0.44239187	0.0018802
7w11w_SITTC3_TCATGAGCATACCAA-1-10x	0.07249405	0.20803799	0.0014433
7w11w_SITTC3_TCATGAGGTCACGACC-1-10x	0.0449742	0.11005238	9.39E-05
7w11w_SITTC3_TCATGAGTCATCCCGT-1-10x	0.07981698	0.23411156	0.0027593
7w11w_SITTC3_TCATGAGTCTGCACCT-1-10x	0.01754119	0.012376	3.44E-05
7w11w_SITTC3_TCATGCCAGTATAACG-1-10x	0.09079484	0.2731987	0.0043535

7w11w_SITTC3_TCATGGAAGGAACGTC-1-10x	0.09627625	0.29271546	0.0043435
7w11w_SITTC3_TCATGTTTCACCTCTG-1-10x	0.03053206	0.05863057	4.68E-05
7w11w_SITTC3_TCATTACAAGCGCTC-1-10x	0.08779278	0.2625097	0.0040384
7w11w_SITTC3_TCATTACAGTCGCAC-1-10x	0.10528205	0.324781	0.0036214
7w11w_SITTC3_TCATTTGGTGTGCGTG-1-10x	0.05505258	0.14593689	0.000233
7w11w_SITTC3_TCATTTGTCATTATCC-1-10x	0.02201625	0.02830966	3.69E-05
7w11w_SITTC3_TCCACGTCATGGACAG-1-10x	0.02279737	0.03109086	3.76E-05
7w11w_SITTC3_TCCACGTGTGATTAGA-1-10x	0.03355398	0.06939023	5.17E-05
7w11w_SITTC3_TCCATCGAGCTTAGTC-1-10x	0.02375284	0.03449285	3.83E-05
7w11w_SITTC3_TCCATCGTCCTCACGT-1-10x	0.03386752	0.0705066	5.17E-05
7w11w_SITTC3_TCCACATCATTGTTC-1-10x	0.05179722	0.13434604	0.00016076
7w11w_SITTC3_TCCCATGAGAGTACCG-1-10x	0.11297379	0.35216776	0.0028393
7w11w_SITTC3_TCCGAAACAACACTGGTT-1-10x	0.09568742	0.29061893	0.0043808
7w11w_SITTC3_TCCGGGAAGTACGAGC-1-10x	0.07757449	0.22612709	0.0023954
7w11w_SITTC3_TCCTAATGTCATGCAT-1-10x	0.20866863	0.6928932	0.0011177
7w11w_SITTC3_TCCTCGACATTAGGCT-1-10x	0.015628	0.00556402	3.33E-05
7w11w_SITTC3_TCCTTCTGTCTGTAGT-1-10x	0.0332033	0.06814163	5.00E-05
7w11w_SITTC3_TCCTTCTCGTGTGAT-1-10x	0.08553568	0.25447324	0.0037839
7w11w_SITTC3_TCCTTTCAGACTGAGC-1-10x	0.26506203	0.89368427	0.00076135
7w11w_SITTC3_TCCTTTCGTGTCATCA-1-10x	0.04073183	0.09494724	7.01E-05
7w11w_SITTC3_TCCTTTCGTGATGG-1-10x	0.21007706	0.697908	0.0011014
7w11w_SITTC3_TCCTTTCACCTGGG-1-10x	0.24253486	0.8134753	0.00085764
7w11w_SITTC3_TCGAACAGTTCCCAAA-1-10x	0.099282	0.3034176	0.0041652
7w11w_SITTC3_TCGAAGTGTCTGGGT-1-10x	0.1126719	0.35109285	0.0028393
7w11w_SITTC3_TCGAAGTCACTGTTT-1-10x	0.23007573	0.7691141	0.00094498
7w11w_SITTC3_TCGACGGAGTGACACG-1-10x	0.27173424	0.9174409	0.00075352
7w11w_SITTC3_TCGACGGGTTTCAGAC-1-10x	0.16390173	0.53349876	0.0017494
7w11w_SITTC3_TCGATTTAGACCTCCG-1-10x	0.0999862	0.30592492	0.0041652
7w11w_SITTC3_TCGATTTGTGATTCTG-1-10x	0.08184913	0.2413471	0.0031253
7w11w_SITTC3_TCGCACTTCTTAGCCC-1-10x	0.10471776	0.32277182	0.0036214
7w11w_SITTC3_TCGCTTGGTATAGCTC-1-10x	0.23612373	0.7906482	0.00090278
7w11w_SITTC3_TCGGGACCATGTCTAG-1-10x	0.02424711	0.03625271	3.91E-05
7w11w_SITTC3_TCGGGCACAGAATGTA-1-10x	0.08153625	0.24023308	0.0031253
7w11w_SITTC3_TCGGGCACATGATCTG-1-10x	0.01696927	0.01033966	3.38E-05
7w11w_SITTC3_TCGGGCATCCCATACC-1-10x	0.256136	0.8619027	0.00078463
7w11w_SITTC3_TCGGGTGCAACAAGAT-1-10x	0.02836207	0.05090422	4.30E-05
7w11w_SITTC3_TCGGGTGCAAGGCGTA-1-10x	0.04164942	0.09821437	7.40E-05
7w11w_SITTC3_TCGGGTGACCTGAAT-1-10x	0.19887982	0.65803975	0.0012085
7w11w_SITTC3_TCGGTCTTCCCTCTTT-1-10x	0.05004543	0.12810872	0.00013566
7w11w_SITTC3_TCGTAGAAGAGTTGTA-1-10x	0.04246635	0.1011231	7.82E-05
7w11w_SITTC3_TCTAACTACAACGCC-1-10x	0.01589892	0.00652865	3.33E-05

7w11w_SITTC3_TCTACCGGTCGAGTTT-1-10x	0.02236465	0.02955014	3.76E-05
7w11w_SITTC3_TCTACCGTTGTTGCA-1-10x	0.06805314	0.19222593	0.00088537
7w11w_SITTC3_TCTACCGTCAGTCATG-1-10x	0.03017259	0.05735064	4.55E-05
7w11w_SITTC3_TCTATACCAACGAGGT-1-10x	0.2493438	0.83771884	0.00081888
7w11w_SITTC3_TCTATCAAGCAGCAGT-1-10x	0.06310839	0.17461994	0.00052741
7w11w_SITTC3_TCTCACGCATGGTACT-1-10x	0.04623942	0.11455728	0.00010046
7w11w_SITTC3_TCTCTGGTCGTTAGTG-1-10x	0.01962202	0.0197849	3.55E-05
7w11w_SITTC3_TCTGCCATCGAACTCA-1-10x	0.28539318	0.96607417	0.00075686
7w11w_SITTC3_TCTGGCTAGGTACCTT-1-10x	0.26309165	0.8866686	0.00076511
7w11w_SITTC3_TCTGGCTGTTGAGCC-1-10x	0.28362754	0.9597875	0.00075531
7w11w_SITTC3_TCTGTCGGTTCACCGG-1-10x	0.10009603	0.30631593	0.0040879
7w11w_SITTC3_TCTTGCGCACTCATAG-1-10x	0.03086506	0.0598162	4.68E-05
7w11w_SITTC3_TGAACGTCACTGAATC-1-10x	0.26699457	0.9005651	0.00075831
7w11w_SITTC3_TGAACGTCATCGATAC-1-10x	0.04606669	0.11394225	0.00010046
7w11w_SITTC3_TGAACGTTGCGATGAT-1-10x	0.01669267	0.00935483	3.38E-05
7w11w_SITTC3_TGAATCGGTAGATCCT-1-10x	0.02283193	0.03121392	3.76E-05
7w11w_SITTC3_TGAATGCAGAAGTCTA-1-10x	0.06829926	0.19310227	0.00097948
7w11w_SITTC3_TGAATGCCAACTAAG-1-10x	0.04794402	0.12062658	0.00011598
7w11w_SITTC3_TGACAGTGTAACATAG-1-10x	0.08141486	0.23980087	0.0031253
7w11w_SITTC3_TGACGCGAGTCATGAA-1-10x	0.04687737	0.11682871	0.00010777
7w11w_SITTC3_TGACGCGGTAAGGCTG-1-10x	0.08782419	0.26262155	0.0041422
7w11w_SITTC3_TGACGCGGTATCGCGC-1-10x	0.04269737	0.10194564	7.82E-05
7w11w_SITTC3_TGACTCCCATGGGTTT-1-10x	0.21214536	0.70527226	0.0010856
7w11w_SITTC3_TGAGACTAGCCTGAGA-1-10x	0.06830312	0.19311601	0.00097948
7w11w_SITTC3_TGAGACTCAATGAACA-1-10x	0.25982442	0.8750355	0.00077221
7w11w_SITTC3_TGAGACTGTAGTGCGA-1-10x	0.04166696	0.09827681	7.40E-05
7w11w_SITTC3_TGAGCATAGGTCTACT-1-10x	0.01722076	0.01123513	3.38E-05
7w11w_SITTC3_TGAGCATGTATAGGAT-1-10x	0.22631812	0.7557349	0.00097406
7w11w_SITTC3_TGAGCGCCAGGTGTTT-1-10x	0.28052086	0.94872606	0.00075348
7w11w_SITTC3_TGAGCGCTCTACCACC-1-10x	0.01682176	0.00981446	3.38E-05
7w11w_SITTC3_TGAGGGAAGGGCATGT-1-10x	0.02138729	0.02607022	3.69E-05
7w11w_SITTC3_TGAGGTTCAATTTCCG-1-10x	0.23350644	0.7813293	0.00091657
7w11w_SITTC3_TGATGCAGTTTGAACC-1-10x	0.04840629	0.1222725	0.00012523
7w11w_SITTC3_TGATGCATCCAGTGTA-1-10x	0.05603406	0.1494315	0.000257
7w11w_SITTC3_TGATGGTGTGGCCTCA-1-10x	0.13882904	0.44422644	0.0018772
7w11w_SITTC3_TGATGGTGTTCGTGA-1-10x	0.08912262	0.2672447	0.0042295
7w11w_SITTC3_TGATGGTCTTCCCAG-1-10x	0.04325125	0.10391778	8.29E-05
7w11w_SITTC3_TGATTCTAGTAGTCTC-1-10x	0.04887834	0.12395325	0.00012523
7w11w_SITTC3_TGATTTCCAGATGCTAA-1-10x	0.22187334	0.7399091	0.0010106
7w11w_SITTC3_TGATTTCCAGCAGATG-1-10x	0.2823081	0.95508957	0.00075462
7w11w_SITTC3_TGCACGGTCTCGCTCA-1-10x	0.18220782	0.5986784	0.0014427

7w11w_SITTC3_TGCAGATTCAGACAAA-1-10x	0.08130155	0.23939742	0.0031253
7w11w_SITTC3_TGCAGGCGTCACTCAA-1-10x	0.07878932	0.23045252	0.002576
7w11w_SITTC3_TGCATCCTCGTTATCT-1-10x	0.02344623	0.03340117	3.83E-05
7w11w_SITTC3_TGCATGAAGCCGTTAT-1-10x	0.04207749	0.09973852	7.82E-05
7w11w_SITTC3_TGCGGGTTCATTACGG-1-10x	0.04207599	0.09973319	7.82E-05
7w11w_SITTC3_TGCTCCACAGAGTAAT-1-10x	0.09110405	0.27429962	0.0043535
7w11w_SITTC3_TGCTCCAGTCTGGTTA-1-10x	0.09112157	0.27436203	0.0043535
7w11w_SITTC3_TGCTCCAGTCTGTGGC-1-10x	0.16150121	0.52495164	0.0017883
7w11w_SITTC3_TGCTGAAAGACCTCCG-1-10x	0.04059934	0.09447552	7.01E-05
7w11w_SITTC3_TGCTGAAAGATGAATC-1-10x	0.09484507	0.2876197	0.0044051
7w11w_SITTC3_TGCTGAATCTACCACC-1-10x	0.01792357	0.01373751	3.44E-05
7w11w_SITTC3_TGCTTCGAGCCGTCGT-1-10x	0.04839224	0.12222248	0.00012523
7w11w_SITTC3_TGCTTCGCACTGGACC-1-10x	0.04180971	0.09878509	7.82E-05
7w11w_SITTC3_TGCTTCGTCCAAGGGA-1-10x	0.03641255	0.07956829	5.82E-05
7w11w_SITTC3_TGGAGAGGTGCTCTTC-1-10x	0.03657134	0.08013365	5.82E-05
7w11w_SITTC3_TGGCGTGAGACCTCAT-1-10x	0.06987841	0.19872487	0.0010821
7w11w_SITTC3_TGGGAAGGTCTGATAC-1-10x	0.09250147	0.2792752	0.0044107
7w11w_SITTC3_TGGGATTGTGTGTCCG-1-10x	0.03778013	0.08443759	6.07E-05
7w11w_SITTC3_TGGGCGTAGTACAGAT-1-10x	0.09448824	0.2863492	0.0044051
7w11w_SITTC3_TGGGCGTCAAGACGGT-1-10x	0.04400558	0.1066036	8.81E-05
7w11w_SITTC3_TGGGCGTGTGTTTCGAT-1-10x	0.22630478	0.7556875	0.00097406
7w11w_SITTC3_TGGGCTGGTACTGAG-1-10x	0.26798987	0.90410894	0.00075705
7w11w_SITTC3_TGGGTTAAGAAAGTCT-1-10x	0.01602837	0.00698958	3.33E-05
7w11w_SITTC3_TGGGTTAAGGTGAGAA-1-10x	0.11134359	0.34636334	0.002929
7w11w_SITTC3_TGGGTTAGTAATGCGG-1-10x	0.04648851	0.11544414	0.00010777
7w11w_SITTC3_TGGTAGTTCTTAGGAC-1-10x	0.02898682	0.05312865	4.42E-05
7w11w_SITTC3_TGGTGATGTAGTAAGT-1-10x	0.08614128	0.2566295	0.0039187
7w11w_SITTC3_TGGTTAGCATCAGCTA-1-10x	0.06691383	0.18816936	0.00079936
7w11w_SITTC3_TGTAACGGTTCGCGTCA-1-10x	0.02007318	0.02139127	3.55E-05
7w11w_SITTC3_TGTAAGCAGACTCTTG-1-10x	0.29134822	0.9872773	0.00076269
7w11w_SITTC3_TGTAAGCAGAGCCGAT-1-10x	0.04929979	0.12545383	0.00013566
7w11w_SITTC3_TGTACAGGTTATGTGC-1-10x	0.02739102	0.04744674	4.19E-05
7w11w_SITTC3_TGTAGACCAGATACCT-1-10x	0.10760699	0.33305904	0.0033168
7w11w_SITTC3_TGTAGACGTTACAGCGC-1-10x	0.03185551	0.06334274	4.83E-05
7w11w_SITTC3_TGTCAGATCAGAGCGA-1-10x	0.01798601	0.01395984	3.44E-05
7w11w_SITTC3_TGTCCACAGCTGACCC-1-10x	0.03716127	0.08223413	6.07E-05
7w11w_SITTC3_TGTCCACCAACCGCCA-1-10x	0.15446801	0.49990967	0.0018575
7w11w_SITTC3_TGTCCAAGTGGCCTC-1-10x	0.22629894	0.7556667	0.00097406
7w11w_SITTC3_TGTCCACAAGGATGC-1-10x	0.07932358	0.23235478	0.002576
7w11w_SITTC3_TGTCCACATCAGTGT-1-10x	0.08713803	0.26017848	0.0040384
7w11w_SITTC3_TGTCCAGTCATAAAG-1-10x	0.03645536	0.07972072	5.82E-05

7w11w_SITTC3_TGTGAGTAGAATACAC-1-10x	0.27966347	0.9456733	0.00075303
7w11w_SITTC3_TGTGATGGTCCACATA-1-10x	0.01910682	0.0179505	3.49E-05
7w11w_SITTC3_TGTGATGTCCCAGGAC-1-10x	0.16618249	0.54161954	0.0017206
7w11w_SITTC3_TGTGCGGGTCGCATGC-1-10x	0.03464683	0.07328136	5.37E-05
7w11w_SITTC3_TGTGTGAGTGCACAAG-1-10x	0.09596682	0.29161376	0.0043808
7w11w_SITTC3_TGTTTCATCAAAGACTA-1-10x	0.03865923	0.08756769	6.36E-05
7w11w_SITTC3_TGTTCTAAGAGTACCG-1-10x	0.2659603	0.8968826	0.00075974
7w11w_SITTC3_TGTTCTAGTACTGCGC-1-10x	0.04271008	0.10199092	7.82E-05
7w11w_SITTC3_TGTTGAGGTGGCTTAT-1-10x	0.01870575	0.01652248	3.49E-05
7w11w_SITTC3_TGTTTGTAGAGTTGTA-1-10x	0.2825247	0.9558608	0.00075462
7w11w_SITTC3_TTAATCCGTGTAGCAG-1-10x	0.01879538	0.0168416	3.49E-05
7w11w_SITTC3_TTACCATAGACATACA-1-10x	0.05797764	0.15635167	0.00031414
7w11w_SITTC3_TTACCATTCTGTTAT-1-10x	0.0210804	0.02497752	3.62E-05
7w11w_SITTC3_TTACCGCAGACTTAAG-1-10x	0.07475106	0.21607414	0.001885
7w11w_SITTC3_TTACCGCAGGGAGGAC-1-10x	0.02046763	0.02279572	3.62E-05
7w11w_SITTC3_TTACGTTGTTATGTCG-1-10x	0.12654914	0.40050337	0.0020256
7w11w_SITTC3_TTACTGTAGCTTGTGT-1-10x	0.04308021	0.10330878	8.29E-05
7w11w_SITTC3_TTACTGTCAAGTACCT-1-10x	0.05628805	0.15033583	0.000257
7w11w_SITTC3_TTACTGTTACCTACC-1-10x	0.21816641	0.72671044	0.00104
7w11w_SITTC3_TTACTGTTTCATATGGC-1-10x	0.14629804	0.47082013	0.0018717
7w11w_SITTC3_TTAGGCATCAAACCCA-1-10x	0.10305429	0.31684896	0.0038193
7w11w_SITTC3_TTAGGCATCAAAGACA-1-10x	0.2771489	0.9367201	0.00075222
7w11w_SITTC3_TTAGTCTAGTACCATC-1-10x	0.09386902	0.28414443	0.0044154
7w11w_SITTC3_TTAGTCTAGTCCGCCA-1-10x	0.29171643	0.98858833	0.00076378
7w11w_SITTC3_TTAGTCTCACCCAACG-1-10x	0.08491778	0.25227314	0.0036353
7w11w_SITTC3_TTAGTCTGTATCGCTA-1-10x	0.05426086	0.14311795	0.00021164
7w11w_SITTC3_TTATTGCAGCTCGACC-1-10x	0.15111451	0.48796937	0.0018676
7w11w_SITTC3_TTATTGCCATAGCACT-1-10x	0.03465958	0.07332674	5.37E-05
7w11w_SITTC3_TTATTGCTCCTATTGT-1-10x	0.14253044	0.45740545	0.0018718
7w11w_SITTC3_TTCACCGCACACCGCA-1-10x	0.07849284	0.22939691	0.002576
7w11w_SITTC3_TTCACCGGTACCGGAA-1-10x	0.07650727	0.22232722	0.0020486
7w11w_SITTC3_TTCACCGGTCTGTGATT-1-10x	0.0483664	0.12213047	0.00012523
7w11w_SITTC3_TTCACCGTCTAGGCCG-1-10x	0.04272733	0.10205232	8.29E-05
7w11w_SITTC3_TTCAGGAAGAGTCGAC-1-10x	0.05600347	0.14932257	0.000257
7w11w_SITTC3_TTCAGGACATCAGTGT-1-10x	0.2494947	0.8382561	0.00081397
7w11w_SITTC3_TTCAGGAGTCATCGGC-1-10x	0.0918693	0.27702436	0.0043903
7w11w_SITTC3_TTCAGGAGTGGGCTTC-1-10x	0.02117252	0.02530552	3.69E-05
7w11w_SITTC3_TTCATGTAGCTACGTT-1-10x	0.08393029	0.24875717	0.0034742
7w11w_SITTC3_TTCATTGTCAGAACCT-1-10x	0.10881688	0.33736694	0.0032165
7w11w_SITTC3_TTCCAATAGAGTATAC-1-10x	0.07329371	0.2108852	0.0015819
7w11w_SITTC3_TTCCAATAGGCATCGA-1-10x	0.12798999	0.40563357	0.0020026

7w11w_SITTC3_TTCCACGCAGGCAATG-1-10x	0.05096748	0.13139173	0.00014746
7w11w_SITTC3_TTCCGGTAGAATCTAG-1-10x	0.04395069	0.10640815	8.81E-05
7w11w_SITTC3_TTCCGGTCAGTAACGG-1-10x	0.02012323	0.0215695	3.55E-05
7w11w_SITTC3_TTCCGGTGTGAGACGT-1-10x	0.06482364	0.18072717	0.00064991
7w11w_SITTC3_TTCCGTGTCACGAACT-1-10x	0.02828395	0.05062608	4.30E-05
7w11w_SITTC3_TTCTCTCACAGTGTT-1-10x	0.1450169	0.46625856	0.0018716
7w11w_SITTC3_TTCTTCCAGCTCTGG-1-10x	0.03426736	0.07193023	5.37E-05
7w11w_SITTC3_TTCGATTGTTCCGGGTC-1-10x	0.02511517	0.03934349	4.00E-05
7w11w_SITTC3_TTCGATTTCTATGCCC-1-10x	0.03765816	0.08400334	6.07E-05
7w11w_SITTC3_TTCGGTCTGTTGATC-1-10x	0.05640427	0.15074964	0.000257
7w11w_SITTC3_TTCTAGTCATTGACCA-1-10x	0.0757997	0.21980786	0.0020486
7w11w_SITTC3_TTCTGTAAGAGTGACC-1-10x	0.03479747	0.07381772	5.37E-05
7w11w_SITTC3_TTCTTCCAGGCGATAC-1-10x	0.01526051	0.00425556	3.27E-05
7w11w_SITTC3_TTCTTCCAATAGTCC-1-10x	0.04011234	0.09274153	7.01E-05
7w11w_SITTC3_TTCTTCTCTAGACCA-1-10x	0.0924608	0.27913043	0.0043903
7w11w_SITTC3_TTCTTGACACGTCTCT-1-10x	0.0174948	0.01221083	3.44E-05
7w11w_SITTC3_TTGAACGCAACGATCT-1-10x	0.27837315	0.941079	0.00075239
7w11w_SITTC3_TTGAACGTCATGGTAC-1-10x	0.08403475	0.2491291	0.0034742
7w11w_SITTC3_TTGACCCAGAATAGTC-1-10x	0.22064243	0.73552644	0.0010179
7w11w_SITTC3_TTGAGTGCATTGACCA-1-10x	0.03506091	0.0747557	5.37E-05
7w11w_SITTC3_TTGAGTGTCATCACTT-1-10x	0.02711231	0.04645439	4.19E-05
7w11w_SITTC3_TTGAGTGTCGTTCCA-1-10x	0.11923743	0.37446973	0.0023317
7w11w_SITTC3_TTGCAATTCAGGACGAT-1-10x	0.04973552	0.1270053	0.00013566
7w11w_SITTC3_TTGCAATGTTGGGACA-1-10x	0.0532984	0.13969107	0.00019264
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.12749256	0.40386245	0.0020026
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.17453001	0.5713412	0.0015753
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.01709668	0.01079331	3.38E-05
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.04373523	0.10564097	8.81E-05
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.05823185	0.15725681	0.00031414
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.02643861	0.04405567	4.09E-05
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.24127533	0.8089907	0.00086374
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.10997038	0.34147397	0.0031181
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.14351343	0.4609054	0.0018716
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.27081722	0.9141758	0.00075418
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.11776299	0.3692199	0.002453
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.02489527	0.03856053	4.00E-05
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.04565064	0.11246087	0.00010046
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.09490602	0.2878367	0.0044051
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.02253615	0.03016077	3.76E-05
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.07618512	0.22118019	0.0020486
7w11w_SITTC3_TTGCCTGCAGGTTTCAT-1-10x	0.11688278	0.3660859	0.0025211

7w11w_SITTC3_TTGTGGAGTAGCCCTG-1-10x	0.0844454	0.25059125	0.0036353
7w11w_SITTC3_TTGTGTTACGCGGTCT-1-10x	0.0491028	0.12475244	0.00012523
7w11w_SITTC3_TTGTGTTGTGAATGG-1-10x	0.02521413	0.03969584	4.00E-05
7w11w_SITTC3_TTGTTCACACAATGAA-1-10x	0.11038043	0.342934	0.0030221
7w11w_SITTC3_TTGTGGTGGCGCTCA-1-10x	0.07855062	0.22960263	0.002576
7w11w_SITTC3_TTTACCATCACCTTAT-1-10x	0.06834126	0.1932518	0.00097948
7w11w_SITTC3_TTTACTGAGCCTTGA-1-10x	0.05496585	0.14562808	0.000233
7w11w_SITTC3_TTTAGTCAGGAAGTGA-1-10x	0.10876458	0.3371807	0.0032165
7w11w_SITTC3_TTTATGCCACAGGATG-1-10x	0.02045433	0.02274839	3.62E-05
7w11w_SITTC3_TTTATGCCATTGGCAT-1-10x	0.0415957	0.09802311	7.40E-05
7w11w_SITTC3_TTTATGCGTCCTGGGT-1-10x	0.06361239	0.17641445	0.00058553
7w11w_SITTC3_TTTCACACAAACTGCT-1-10x	0.0249379	0.0387123	4.00E-05
7w11w_SITTC3_TTTCACACATATCTGG-1-10x	0.04202246	0.09954261	7.82E-05
7w11w_SITTC3_TTTCATGGTGCCGTTG-1-10x	0.10042225	0.30747747	0.0040879
7w11w_SITTC3_TTTCGATAGAGCATTGA-1-10x	0.04398638	0.10653523	8.81E-05
7w11w_SITTC3_TTTCGATAGTTATGGA-1-10x	0.26435155	0.8911545	0.00076313
7w11w_SITTC3_TTTCGATGTTGGTGTT-1-10x	0.040643	0.09463097	7.01E-05
7w11w_SITTC3_TTTGACTAGAGTGTGC-1-10x	0.08351596	0.24728192	0.0034742
7w11w_SITTC3_TTTGACTAGGGATCTG-1-10x	0.08953926	0.26872814	0.0042295
7w11w_SITTC3_TTTGACTGTCTAACGT-1-10x	0.07703283	0.2241985	0.0022191
7w11w_SITTC3_TTTGACTTCCATTGCG-1-10x	0.12085578	0.38023192	0.0022308
7w11w_SITTC3_TTTGATCAGCCTCTCT-1-10x	0.05425036	0.14308056	0.00021164
7w11w_SITTC3_TTTGATCCACGTATAC-1-10x	0.12210845	0.38469207	0.0021873
7w11w_SITTC3_TTTGGAGCATGAGGGT-1-10x	0.2844145	0.9625895	0.00075605
7w11w_SITTC3_TTTGTTGCCTGGGAC-1-10x	0.20329337	0.67375433	0.0011699
7w11w_SITTC3_AAACGCTGTGCGTAAG-1-10x	0.26016852	0.8762607	0.00077221
7w11w_SITTC3_AAAGAACCCTTGGGC-1-10x	0.12479622	0.39426202	0.0020803
7w11w_SITTC3_AAAGAACGTTATCCAG-1-10x	0.04009816	0.09269107	7.01E-05
7w11w_SITTC3_AAAGGATCACTGCGTG-1-10x	0.2723166	0.9195145	0.000753
7w11w_SITTC3_AAAGGATGTGACGTCC-1-10x	0.01775766	0.01314676	3.44E-05
7w11w_SITTC3_AAAGGTAGTCCGGATC-1-10x	0.04785419	0.12030673	0.00011598
7w11w_SITTC3_AAAGTCCAGCGGACAT-1-10x	0.02985675	0.05622608	4.55E-05
7w11w_SITTC3_AACAAAGGTTGCGTTCG-1-10x	0.04584971	0.1131697	0.00010046
7w11w_SITTC3_AACACACCACACACTA-1-10x	0.02019263	0.02181659	3.62E-05
7w11w_SITTC3_AACAGGGAGAAGTCAT-1-10x	0.03389628	0.07060901	5.17E-05
7w11w_SITTC3_AACCAACTCGTCTCAC-1-10x	0.05172106	0.13407487	0.00016076
7w11w_SITTC3_AACCATGGTTAAAGTG-1-10x	0.01940286	0.01900456	3.55E-05
7w11w_SITTC3_AACCCAAAGCAGTAAT-1-10x	0.09573657	0.29079393	0.0043808
7w11w_SITTC3_AACGGGACAGCCTATA-1-10x	0.02003929	0.02127061	3.55E-05
7w11w_SITTC3_AACGTCATCAGGGATG-1-10x	0.24342528	0.8166457	0.00085167
7w11w_SITTC3_AACTTCTCAGCAGACA-1-10x	0.1298125	0.41212267	0.0019639

7w11w_SITTC3_AACTTCTCAGCTGTTA-1-10x	0.05892355	0.15971965	0.00034795
7w11w_SITTC3_AACTTCTCATGGGAAC-1-10x	0.08524446	0.25343633	0.0037839
7w11w_SITTC3_AACTTCTGTAAGGCTG-1-10x	0.1228364	0.387284	0.0021479
7w11w_SITTC3_AAGACAAAGTTCATGC-1-10x	0.07461711	0.21559721	0.0017292
7w11w_SITTC3_AAGATAGAGGTGCAGT-1-10x	0.02037375	0.02246146	3.62E-05
7w11w_SITTC3_AAGCGTTCAATTTCCGG-1-10x	0.04411062	0.10697759	8.81E-05
7w11w_SITTC3_AAGTACCAGACGCCCT-1-10x	0.02970171	0.05567406	4.55E-05
7w11w_SITTC3_AAGTGAAGTGTAACGG-1-10x	0.2329688	0.779415	0.00092358
7w11w_SITTC3_AATCACGTCAGGTGTT-1-10x	0.02728159	0.04705711	4.19E-05
7w11w_SITTC3_AATCACGTCGACCACG-1-10x	0.07303317	0.20995753	0.0015819
7w11w_SITTC3_AATCGTGTCACCGACG-1-10x	0.09233166	0.27867058	0.0043903
7w11w_SITTC3_AATGAAGAGGTGATAT-1-10x	0.17342895	0.56742084	0.0015922
7w11w_SITTC3_AATGACCAGGAGAATG-1-10x	0.0290017	0.05318165	4.42E-05
7w11w_SITTC3_AATGACCGTCAGCTTA-1-10x	0.24968381	0.8389295	0.00081397
7w11w_SITTC3_AATGGCTAGCAGAAAG-1-10x	0.02489957	0.03857583	4.00E-05
7w11w_SITTC3_ACAAAGACAAACGTGG-1-10x	0.04200743	0.09948909	7.82E-05
7w11w_SITTC3_ACAAAGACAAGTGGA-1-10x	0.06337928	0.17558447	0.00052741
7w11w_SITTC3_ACAACCACAAGTATCC-1-10x	0.14349177	0.4608283	0.0018716
7w11w_SITTC3_ACAACCATCCGAAATC-1-10x	0.03192182	0.06357885	4.83E-05
7w11w_SITTC3_ACAAGCTGTACCGCGT-1-10x	0.02318903	0.03248539	3.83E-05
7w11w_SITTC3_ACAAGCTGTGTATACC-1-10x	0.04643047	0.1152375	0.00010046
7w11w_SITTC3_ACAAGCTTCATTCATC-1-10x	0.17610423	0.5769463	0.0015416
7w11w_SITTC3_ACACCAAAGTTACGGG-1-10x	0.26186976	0.882318	0.00076727
7w11w_SITTC3_ACACCAAGTATCTCGA-1-10x	0.02154593	0.02663507	3.69E-05
7w11w_SITTC3_ACACTGAAGAGATCGC-1-10x	0.08886771	0.26633707	0.0042295
7w11w_SITTC3_ACAGGGAGTTATGTGC-1-10x	0.04401685	0.10664371	8.81E-05
7w11w_SITTC3_ACATCGACATCATTGG-1-10x	0.11303247	0.3523767	0.0028393
7w11w_SITTC3_ACATGCACAAGGCTTT-1-10x	0.17926818	0.58821166	0.0014915
7w11w_SITTC3_ACATGCACAGCACACC-1-10x	0.02318164	0.03245906	3.83E-05
7w11w_SITTC3_ACATGCATCACCTTG-1-10x	0.07041396	0.20063171	0.0011935
7w11w_SITTC3_ACATTTCCAAGTCCCG-1-10x	0.23364022	0.7818056	0.00091657
7w11w_SITTC3_ACATTTCGTACAAGTA-1-10x	0.07169671	0.20519903	0.0013138
7w11w_SITTC3_ACCAAACAGGGTACGT-1-10x	0.02695404	0.04589086	4.19E-05
7w11w_SITTC3_ACCAACAAGGTTCCAT-1-10x	0.01858943	0.01610831	3.49E-05
7w11w_SITTC3_ACCATTTGTGAATTAG-1-10x	0.22250247	0.7421492	0.0010033
7w11w_SITTC3_ACCCTCATGGGAAC-1-10x	0.14627326	0.47073188	0.0018717
7w11w_SITTC3_ACCCTCATCCATTGCC-1-10x	0.01842155	0.01551057	3.49E-05
7w11w_SITTC3_ACCCTTGCATAGAGGC-1-10x	0.01599293	0.00686337	3.33E-05
7w11w_SITTC3_ACCCTTGGTAGCTTGT-1-10x	0.23792145	0.79704905	0.00088935
7w11w_SITTC3_ACCTACCTCCCGAGTG-1-10x	0.08700208	0.25969443	0.0040384
7w11w_SITTC3_ACCTGTCCAAGTGCAG-1-10x	0.26123476	0.8800571	0.00076963

7w11w_SITTC3_ACGATCAAGAGATCGC-1-10x	0.07545528	0.21858156	0.001885
7w11w_SITTC3_ACGCACGCACTCGATA-1-10x	0.02946918	0.05484613	4.42E-05
7w11w_SITTC3_ACGGTCGAGCTACGTT-1-10x	0.07732982	0.22525594	0.0022191
7w11w_SITTC3_ACGGTCGCAGTCTCTC-1-10x	0.03482169	0.07390395	5.37E-05
7w11w_SITTC3_ACGGTTATCAGCGCAC-1-10x	0.05374901	0.1412955	0.00019264
7w11w_SITTC3_ACGTACACACCCTGAG-1-10x	0.02342025	0.03330867	3.83E-05
7w11w_SITTC3_ACGTACACATTCACCC-1-10x	0.15478769	0.50104785	0.0018522
7w11w_SITTC3_ACGTAGTAGTATGCAA-1-10x	0.08321887	0.24622414	0.0034742
7w11w_SITTC3_ACGTCCTTCGTTCCCA-1-10x	0.02343795	0.03337169	3.83E-05
7w11w_SITTC3_ACGTTCAGGACTAAT-1-10x	0.27355587	0.92392695	0.0007526
7w11w_SITTC3_ACGTTCAGCTTCCT-1-10x	0.07749806	0.22585498	0.0023954
7w11w_SITTC3_ACTACGAAGCTTCTAG-1-10x	0.08093017	0.23807514	0.0029431
7w11w_SITTC3_ACTATGGGTCACCGAC-1-10x	0.04194563	0.09926903	7.82E-05
7w11w_SITTC3_ACTATTGTTGTGTAC-1-10x	0.08296872	0.24533346	0.0033032
7w11w_SITTC3_ACTCTCGTCACCATCC-1-10x	0.03643848	0.07966062	5.82E-05
7w11w_SITTC3_ACTCTCGTCATTCACT-1-10x	0.05483342	0.14515656	0.00021164
7w11w_SITTC3_ACTGATGAGGAACTAT-1-10x	0.01826569	0.01495563	3.44E-05
7w11w_SITTC3_ACTGATGGTTGCCGCA-1-10x	0.23358494	0.78160876	0.00091657
7w11w_SITTC3_ACTGTCCAGTCTGTAC-1-10x	0.25476068	0.8570059	0.00079207
7w11w_SITTC3_ACTGTCCAGCGGTCT-1-10x	0.0200894	0.02144903	3.55E-05
7w11w_SITTC3_ACTGTCTCCCGTTCA-1-10x	0.02487932	0.03850374	4.00E-05
7w11w_SITTC3_ACTGTCTCTGCTTAT-1-10x	0.20727614	0.6879352	0.001126
7w11w_SITTC3_ACTGTGACATTCTGTT-1-10x	0.04931326	0.12550181	0.00013566
7w11w_SITTC3_ACTGTGAGTTCTCTAT-1-10x	0.02807192	0.04987111	4.30E-05
7w11w_SITTC3_ACTTAGGAGATAACAC-1-10x	0.05387099	0.1417298	0.00019264
7w11w_SITTC3_ACTTATCGTAGTCGGA-1-10x	0.08730976	0.26078993	0.0040384
7w11w_SITTC3_ACTTCGCAGTCAAGCG-1-10x	0.04365156	0.10534309	8.29E-05
7w11w_SITTC3_AGAACCTTCACGGGT-1-10x	0.05100714	0.13153295	0.00014746
7w11w_SITTC3_AGAAGCGGTCCGAAGA-1-10x	0.2686543	0.90647465	0.00075594
7w11w_SITTC3_AGACAAACACACCAGC-1-10x	0.03189571	0.06348588	4.83E-05
7w11w_SITTC3_AGACAAATCGACCCAG-1-10x	0.04002456	0.09242901	7.01E-05
7w11w_SITTC3_AGACACTAGAAGTAT-1-10x	0.04000794	0.09236981	7.01E-05
7w11w_SITTC3_AGACACTTCTCGCCTA-1-10x	0.02358944	0.03391106	3.83E-05
7w11w_SITTC3_AGACAGGGTTCGGGTC-1-10x	0.0317186	0.06285528	4.83E-05
7w11w_SITTC3_AGACCCGCAGGTACGA-1-10x	0.08891019	0.2664883	0.0042295
7w11w_SITTC3_AGACCCGTCCGGTAGAG-1-10x	0.283203	0.9582759	0.00075531
7w11w_SITTC3_AGACTCAGTTCTCACC-1-10x	0.01702945	0.01055395	3.38E-05
7w11w_SITTC3_AGAGAATAGACTCATC-1-10x	0.05514002	0.14624822	0.000233
7w11w_SITTC3_AGAGAATTCGGTGTTA-1-10x	0.05516496	0.14633702	0.000233
7w11w_SITTC3_AGAGAGCCAAGACGGT-1-10x	0.15319675	0.4953833	0.0018617
7w11w_SITTC3_AGAGCCCTCTGCATAG-1-10x	0.0494998	0.126166	0.00013566

7w11w_SITTC3_AGATAGACATTAGGCT-1-10x	0.01874221	0.01665231	3.49E-05
7w11w_SITTC3_AGATCGTCAAGCGAAC-1-10x	0.1409609	0.45181704	0.0018734
7w11w_SITTC3_AGATGCTAGGAACTCG-1-10x	0.04992608	0.12768379	0.00013566
7w11w_SITTC3_AGATGCTGTAGGGTAC-1-10x	0.20876862	0.6932492	0.0011177
7w11w_SITTC3_AGCATCACATAATCCG-1-10x	0.24842976	0.8344644	0.00081888
7w11w_SITTC3_AGCATCAGTCCTCATC-1-10x	0.01543573	0.00487945	3.27E-05
7w11w_SITTC3_AGCCAATCAGACCTGC-1-10x	0.08222509	0.24268574	0.0033032
7w11w_SITTC3_AGCCACGAGAGGGTGG-1-10x	0.02649554	0.04425835	4.09E-05
7w11w_SITTC3_AGCCACGCACAGTCAT-1-10x	0.09074308	0.2730144	0.0043535
7w11w_SITTC3_AGCCAGCCACGTCATA-1-10x	0.08098117	0.2382567	0.0029431
7w11w_SITTC3_AGCCAGCGTGACACAG-1-10x	0.0351439	0.0750512	5.37E-05
7w11w_SITTC3_AGCGCCACAGGCTTGC-1-10x	0.26914486	0.90822136	0.00075499
7w11w_SITTC3_AGCGTCGGTATTTCCGG-1-10x	0.02545755	0.04056256	4.00E-05
7w11w_SITTC3_AGCTTCCGTCCTCCAT-1-10x	0.01808504	0.01431241	3.44E-05
7w11w_SITTC3_AGGACGAAGAGTTGCG-1-10x	0.04715015	0.11779996	0.00010777
7w11w_SITTC3_AGGACGAGTGTTACTG-1-10x	0.01862674	0.01624115	3.49E-05
7w11w_SITTC3_AGGAGGTTCCGCATAT-1-10x	0.04037662	0.09368251	7.01E-05
7w11w_SITTC3_AGGATAAAGCCATGCC-1-10x	0.17323759	0.5667395	0.0016089
7w11w_SITTC3_AGGATCTAGATTGCGG-1-10x	0.23605564	0.7904058	0.00090278
7w11w_SITTC3_AGGATCTAGTCACACT-1-10x	0.14122732	0.45276564	0.0018734
7w11w_SITTC3_AGGCCACAGTGATAGT-1-10x	0.01691818	0.01015778	3.38E-05
7w11w_SITTC3_AGGCTGCAGCCAGTAG-1-10x	0.20762655	0.6891828	0.001126
7w11w_SITTC3_AGGGAGTAGGAAAGGT-1-10x	0.20231484	0.67027026	0.0011792
7w11w_SITTC3_AGGGCCTTCAAGAAAC-1-10x	0.11156823	0.3471632	0.002929
7w11w_SITTC3_AGGGCTCCAAGAGGCT-1-10x	0.03966209	0.09113841	6.67E-05
7w11w_SITTC3_AGGGCTCGTAACATCC-1-10x	0.01815414	0.01455847	3.44E-05
7w11w_SITTC3_AGGGTCCAGTCCCAGC-1-10x	0.03629023	0.07913274	5.82E-05
7w11w_SITTC3_AGGGTGAAGCTAGTTC-1-10x	0.21420343	0.7126001	0.0010701
7w11w_SITTC3_AGGTAGGCAACCACGC-1-10x	0.01786094	0.0135145	3.44E-05
7w11w_SITTC3_AGGTAGGGTTTATGCG-1-10x	0.15392238	0.49796692	0.0018575
7w11w_SITTC3_AGGTCTAGTGCCCAT-1-10x	0.03084271	0.05973665	4.68E-05
7w11w_SITTC3_AGGTCTAGTTGGTAGG-1-10x	0.1667261	0.5435551	0.0017056
7w11w_SITTC3_AGGTTACCATCCGGCA-1-10x	0.07131381	0.2038357	0.0013138
7w11w_SITTC3_AGGTTGTTCTCTAGGA-1-10x	0.03625312	0.07900064	5.82E-05
7w11w_SITTC3_AGTAACCCACATATGC-1-10x	0.01874557	0.01666426	3.49E-05
7w11w_SITTC3_AGTACCAAGGTGCAGT-1-10x	0.03939966	0.09020401	6.67E-05
7w11w_SITTC3_AGTACTIONCATGTAACC-1-10x	0.05273255	0.13767634	0.00017575
7w11w_SITTC3_AGTAGCTGTGTTTACG-1-10x	0.02765918	0.04840153	4.19E-05
7w11w_SITTC3_AGTAGCTTCTCACGAA-1-10x	0.11557724	0.36143744	0.002594
7w11w_SITTC3_AGTCTCCTCTGCCTGT-1-10x	0.03181076	0.06318343	4.83E-05
7w11w_SITTC3_AGTGCCGCAACGGCCT-1-10x	0.02208326	0.02854825	3.76E-05

7w11w_SITTC3_AGTGCCGGTCCAAGAG-1-10x	0.18311742	0.601917	0.0014268
7w11w_SITTC3_AGTTAGCCATGGTGGA-1-10x	0.02223061	0.0290729	3.76E-05
7w11w_SITTC3_AGTTCGAAGCGGATCA-1-10x	0.03021525	0.05750253	4.55E-05
7w11w_SITTC3_AGTTCGAAGTCTGCGC-1-10x	0.04495978	0.11000104	9.39E-05
7w11w_SITTC3_ATACCTTAGGAAGTAG-1-10x	0.18119334	0.59506625	0.0014587
7w11w_SITTC3_ATACCTTTCATCGACA-1-10x	0.04816096	0.12139899	0.00011598
7w11w_SITTC3_ATACTTCAGGATACCG-1-10x	0.11063176	0.3438289	0.0030221
7w11w_SITTC3_ATAGAGAAGATCGCCC-1-10x	0.04770787	0.11978573	0.00011598
7w11w_SITTC3_ATAGGCTCAATTTCTC-1-10x	0.03809021	0.08554167	6.36E-05
7w11w_SITTC3_ATCACTTCAAACCATC-1-10x	0.04594522	0.11350977	0.00010046
7w11w_SITTC3_ATCAGGTGTGTGGACA-1-10x	0.02897135	0.05307359	4.42E-05
7w11w_SITTC3_ATCATTCCAACAGAGC-1-10x	0.04359209	0.10513133	8.29E-05
7w11w_SITTC3_ATCATTCCATCCCCT-1-10x	0.194063	0.6408892	0.0012624
7w11w_SITTC3_ATCATTTCGTCGCGTT-1-10x	0.0667592	0.18761879	0.00079936
7w11w_SITTC3_ATCATTTCGTTGAGCC-1-10x	0.05413256	0.14266112	0.00021164
7w11w_SITTC3_ATCCATTATAACAGA-1-10x	0.04541726	0.11162992	9.39E-05
7w11w_SITTC3_ATCCATTTCTATACTC-1-10x	0.1574131	0.5103957	0.0018302
7w11w_SITTC3_ATCCCTGTCTTGGTCC-1-10x	0.04983825	0.12737103	0.00013566
7w11w_SITTC3_ATCCGTCGTCGAAGTTC-1-10x	0.02674632	0.04515127	4.19E-05
7w11w_SITTC3_ATCCTATCAATGTCAC-1-10x	0.08766479	0.26205403	0.0040384
7w11w_SITTC3_ATCCTATTCAAACCCA-1-10x	0.08729602	0.26074097	0.0040384
7w11w_SITTC3_ATCCTATTCCATTGGA-1-10x	0.05346157	0.14027204	0.00019264
7w11w_SITTC3_ATCGATGAGCATTGAA-1-10x	0.0501236	0.12838705	0.00013566
7w11w_SITTC3_ATCGGATAGCGTGCT-1-10x	0.07378791	0.2126448	0.0017292
7w11w_SITTC3_ATCGTGACAATAGTCC-1-10x	0.12296334	0.38773596	0.0021479
7w11w_SITTC3_ATCTTCACAGAAGCGT-1-10x	0.1541734	0.49886072	0.0018575
7w11w_SITTC3_ATCTTCAGTTGACGGA-1-10x	0.05800945	0.15646495	0.00031414
7w11w_SITTC3_ATGAAAGAGGCGACAT-1-10x	0.19799839	0.6549014	0.0012187
7w11w_SITTC3_ATGACCATCCGTGGCA-1-10x	0.02101217	0.02473458	3.62E-05
7w11w_SITTC3_ATGCATGGTATCAAGA-1-10x	0.03639238	0.07949648	5.82E-05
7w11w_SITTC3_ATGCCCTCAGCGTTAGG-1-10x	0.1807148	0.59336245	0.001475
7w11w_SITTC3_ATGCGATCACGGGTAA-1-10x	0.02266369	0.03061489	3.76E-05
7w11w_SITTC3_ATGGAGGCAAAGAACT-1-10x	0.0173669	0.01175544	3.44E-05
7w11w_SITTC3_ATGGATCGTGCTGTCG-1-10x	0.04756461	0.11927566	0.00011598
7w11w_SITTC3_ATGGGTTTCATATTCGG-1-10x	0.08580779	0.25544208	0.0037839
7w11w_SITTC3_ATGTCCCAGGGTGAGG-1-10x	0.0214279	0.02621482	3.69E-05
7w11w_SITTC3_ATGTCCCGTCTCACAA-1-10x	0.12729026	0.40314215	0.0020026
7w11w_SITTC3_ATGTCCCTCCTCTTTC-1-10x	0.14001895	0.4484632	0.001875
7w11w_SITTC3_ATTACCTAGTGGTTCT-1-10x	0.02321793	0.03258829	3.83E-05
7w11w_SITTC3_ATTACCTGTCCGGACT-1-10x	0.17646568	0.57823324	0.0015416
7w11w_SITTC3_ATTACCTTCAGGACGA-1-10x	0.14830934	0.47798145	0.0018713

7w11w_SITTC3_ATTATCCAGGCGCTTC-1-10x	0.0877886	0.26249486	0.0040384
7w11w_SITTC3_ATTCAGGCAAGGTCAG-1-10x	0.08448187	0.2507211	0.0036353
7w11w_SITTC3_ATTCAGGCACGGGTA-1-10x	0.04450763	0.10839114	8.81E-05
7w11w_SITTC3_ATTCAGGGTTCAAAGA-1-10x	0.02867478	0.05201761	4.42E-05
7w11w_SITTC3_ATTCCCGAGCACACCC-1-10x	0.04135465	0.09716482	7.40E-05
7w11w_SITTC3_ATTCTACCATGTTCTGA-1-10x	0.01601904	0.00695633	3.33E-05
7w11w_SITTC3_ATTCTTGAGCCAACCC-1-10x	0.10354827	0.3186078	0.0038193
7w11w_SITTC3_ATTCTTGGTCACTGAT-1-10x	0.26916364	0.9082882	0.00075499
7w11w_SITTC3_ATTGGGTGTACAGTT-1-10x	0.19287221	0.63664937	0.0012861
7w11w_SITTC3_ATTTACCGTGTGTGGA-1-10x	0.04827917	0.12181989	0.00011598
7w11w_SITTC3_ATTTACCTCAAACCTG-1-10x	0.07184465	0.20572574	0.0014433
7w11w_SITTC3_ATTTACAGTAGGTTA-1-10x	0.04889533	0.12401373	0.00012523
7w11w_SITTC3_CAACAACCACACCTGG-1-10x	0.03015178	0.05727656	4.55E-05
7w11w_SITTC3_CAACAACCTCAGATGCT-1-10x	0.21645577	0.7206196	0.001055
7w11w_SITTC3_CAACAGTGTCTCTCT-1-10x	0.02141728	0.026177	3.69E-05
7w11w_SITTC3_CAACGATTCGAAGCCC-1-10x	0.22486785	0.7505712	0.00098869
7w11w_SITTC3_CAACGGCCATTACGGT-1-10x	0.14981645	0.4833476	0.0018694
7w11w_SITTC3_CAACGGCGTCTCTCTG-1-10x	0.04635721	0.11497667	0.00010046
7w11w_SITTC3_CAAGAGGGTAAGCGGT-1-10x	0.06594652	0.18472522	0.00072102
7w11w_SITTC3_CAAGAGGGTGATACAA-1-10x	0.09522903	0.2889868	0.0044051
7w11w_SITTC3_CAAGCTATCACGATCA-1-10x	0.25643212	0.86295706	0.00078463
7w11w_SITTC3_CAAGGGACAATGGCAG-1-10x	0.12544529	0.39657307	0.0020515
7w11w_SITTC3_CAAGGGACACACGCCA-1-10x	0.04756124	0.11926367	0.00011598
7w11w_SITTC3_CAATACGTCGTGTCAA-1-10x	0.01864823	0.01631767	3.49E-05
7w11w_SITTC3_CAATCGAGTACCATAC-1-10x	0.01542735	0.00484961	3.27E-05
7w11w_SITTC3_CAATGACAGTATGGCG-1-10x	0.0915757	0.27597895	0.0043903
7w11w_SITTC3_CAATGACGTTAGTTCTG-1-10x	0.04345903	0.10465758	8.29E-05
7w11w_SITTC3_CACAGATAGAGCTGAC-1-10x	0.04166896	0.09828395	7.40E-05
7w11w_SITTC3_CACGTGGAGAATTGTG-1-10x	0.0263366	0.04369243	4.09E-05
7w11w_SITTC3_CACGTGGAGCGCCTCA-1-10x	0.04996707	0.12782973	0.00013566
7w11w_SITTC3_CACGTGGCAACAGTGG-1-10x	0.04915542	0.12493981	0.00012523
7w11w_SITTC3_CACGTTCCAGCTTTGA-1-10x	0.09560191	0.29031447	0.0043808
7w11w_SITTC3_CACGTTCTCCTACCGT-1-10x	0.02026183	0.02206297	3.62E-05
7w11w_SITTC3_CACTAAGTCCTGGTCT-1-10x	0.14500302	0.46620917	0.0018716
7w11w_SITTC3_CACTGAAAGTCATCCA-1-10x	0.17520225	0.57373476	0.0015585
7w11w_SITTC3_CACTGAAGTAGTGCGA-1-10x	0.06700368	0.18848926	0.00079936
7w11w_SITTC3_CACTGGGAGGTACCTT-1-10x	0.02579484	0.04176347	4.00E-05
7w11w_SITTC3_CAGAGCCAGCTCACTA-1-10x	0.03266016	0.06620776	5.00E-05
7w11w_SITTC3_CAGATACTCCGAGGCT-1-10x	0.16895178	0.5514797	0.0016744
7w11w_SITTC3_CAGATACTCTCAGAAC-1-10x	0.04365163	0.10534331	8.29E-05
7w11w_SITTC3_CAGATTGCACGTAGAG-1-10x	0.2643978	0.8913192	0.00076135

7w11w_SITTC3_CAGCAATCAGAGCCCT-1-10x	0.23315234	0.78006846	0.00092358
7w11w_SITTC3_CAGCAATGTGATACAA-1-10x	0.21133508	0.7023872	0.0010934
7w11w_SITTC3_CAGCAATTCGACGAGA-1-10x	0.01909478	0.01790763	3.49E-05
7w11w_SITTC3_CAGGGCTCAGGTTCCG-1-10x	0.20611085	0.6837861	0.001143
7w11w_SITTC3_CAGGTATGTTAAGTCC-1-10x	0.01698377	0.01039132	3.38E-05
7w11w_SITTC3_CAGTGCGAGTGAGTTA-1-10x	0.2243632	0.74877435	0.00098869
7w11w_SITTC3_CAGTGCGTCAACACGT-1-10x	0.1832736	0.60247314	0.0014268
7w11w_SITTC3_CAGTTAGAGGTCACAG-1-10x	0.15847403	0.5141732	0.0018209
7w11w_SITTC3_CATAAGCAGACCAACG-1-10x	0.10759357	0.33301127	0.0033168
7w11w_SITTC3_CATAAGCAGTTACTCG-1-10x	0.04489017	0.10975318	9.39E-05
7w11w_SITTC3_CATAAGCCAGACCTGC-1-10x	0.0224782	0.02995443	3.76E-05
7w11w_SITTC3_CATACAGAGGTTGGTG-1-10x	0.04096889	0.09579132	7.40E-05
7w11w_SITTC3_CATACTTAGAGTCTGG-1-10x	0.01596313	0.00675727	3.33E-05
7w11w_SITTC3_CATCCCATCTGCGGCA-1-10x	0.09895217	0.30224317	0.0042345
7w11w_SITTC3_CATCCGTCAGGGCTTC-1-10x	0.02798161	0.04954957	4.30E-05
7w11w_SITTC3_CATCGCTCAAGGTCTT-1-10x	0.03018014	0.05737754	4.55E-05
7w11w_SITTC3_CATCGCTCATGTTACAG-1-10x	0.02866142	0.05197006	4.42E-05
7w11w_SITTC3_CATCGGGCACGGTGAA-1-10x	0.1499209	0.48371947	0.0018694
7w11w_SITTC3_CATCGGGTCAAGTCGT-1-10x	0.20935348	0.69533163	0.0011095
7w11w_SITTC3_CATCGTTCGTCGAATTC-1-10x	0.024668	0.03775133	3.91E-05
7w11w_SITTC3_CATGAGTAGCCATTCA-1-10x	0.02340726	0.03326241	3.83E-05
7w11w_SITTC3_CATGCCTAGGCCTGAA-1-10x	0.04244041	0.10103074	7.82E-05
7w11w_SITTC3_CATGCCTCAACGCTA-1-10x	0.09257051	0.27952105	0.0044107
7w11w_SITTC3_CATGCGGGTGGTCTTA-1-10x	0.02166004	0.02704135	3.69E-05
7w11w_SITTC3_CATGCTCTCTGAGGTT-1-10x	0.01609371	0.00722222	3.33E-05
7w11w_SITTC3_CATGGATGTCTGGTTA-1-10x	0.03959854	0.09091213	6.67E-05
7w11w_SITTC3_CATGGTAGTTATCTGG-1-10x	0.06692761	0.18821844	0.00079936
7w11w_SITTC3_CATTCATAGAGCATCG-1-10x	0.05925513	0.16090025	0.00034795
7w11w_SITTC3_CATTCATCATTGTACG-1-10x	0.12142085	0.38224384	0.0022308
7w11w_SITTC3_CATTCCGAGGAACATT-1-10x	0.14009699	0.44874105	0.001875
7w11w_SITTC3_CATTCTAGTTATCTTC-1-10x	0.08074145	0.23740317	0.0029431
7w11w_SITTC3_CATTGAGTCATAGAGA-1-10x	0.01625346	0.00779099	3.33E-05
7w11w_SITTC3_CATTGCCAGCGACATG-1-10x	0.23094824	0.7722207	0.00093779
7w11w_SITTC3_CATTGTTAGATTAGCA-1-10x	0.07755886	0.22607143	0.0023954
7w11w_SITTC3_CATTTAGTGTGTCGC-1-10x	0.17316255	0.5664723	0.0016089
7w11w_SITTC3_CCAAGCGGTAACGTTC-1-10x	0.05137545	0.13284433	0.00016076
7w11w_SITTC3_CCAAGCGTCTGCTAGA-1-10x	0.09152106	0.27578443	0.0043535
7w11w_SITTC3_CCAATGACAATCGTCA-1-10x	0.01822493	0.01481052	3.44E-05
7w11w_SITTC3_CCACAAACAGTCTGGC-1-10x	0.09628832	0.29275844	0.0043435
7w11w_SITTC3_CCACAAAGTAGAGATT-1-10x	0.06121163	0.16786647	0.00042799
7w11w_SITTC3_CCACACTAGAAACACT-1-10x	0.1083952	0.3358655	0.0033168

7w11w_SITTC3_CCACACTCAATGAAAC-1-10x	0.04166301	0.09826277	7.40E-05
7w11w_SITTC3_CCACACTCAGCACGAA-1-10x	0.0556151	0.14793977	0.000233
7w11w_SITTC3_CCACACTGTAGCTTTG-1-10x	0.06614535	0.18543318	0.00072102
7w11w_SITTC3_CCACCATGTCTGTAAC-1-10x	0.02847839	0.05131836	4.30E-05
7w11w_SITTC3_CCACTTGAGTAGAATC-1-10x	0.11542269	0.36088717	0.002594
7w11w_SITTC3_CCACTTGACACCTTC-1-10x	0.09335424	0.28231153	0.0044107
7w11w_SITTC3_CCACTTGGTCGACTGC-1-10x	0.03653527	0.08000524	5.82E-05
7w11w_SITTC3_CCAACTTCATCTCTA-1-10x	0.27618074	0.9332729	0.00075214
7w11w_SITTC3_CCCATTGTCTGGGCG-1-10x	0.02699093	0.0460222	4.19E-05
7w11w_SITTC3_CCCGAAGGTAGAGGAA-1-10x	0.01646097	0.00852985	3.38E-05
7w11w_SITTC3_CCCGGAACAGCGAGTA-1-10x	0.05232637	0.1362301	0.00017575
7w11w_SITTC3_CCCTCAAAGCCTCTTC-1-10x	0.21923994	0.73053277	0.0010326
7w11w_SITTC3_CCCTCAACAGATCACT-1-10x	0.04829726	0.12188429	0.00011598
7w11w_SITTC3_CCCTGATCATAACCA-1-10x	0.03900087	0.0887841	6.67E-05
7w11w_SITTC3_CCGATGGGTTGCATCA-1-10x	0.11746321	0.36815253	0.002453
7w11w_SITTC3_CCGCAAGAGACGTCGA-1-10x	0.0516542	0.1338368	0.00016076
7w11w_SITTC3_CCGGTGACAGCGACAA-1-10x	0.26884666	0.90715957	0.00075594
7w11w_SITTC3_CCGGTGAGTCCTTAAG-1-10x	0.01827966	0.01500539	3.44E-05
7w11w_SITTC3_CCGTAGGAGCACCTGC-1-10x	0.04331241	0.10413553	8.29E-05
7w11w_SITTC3_CCGTGAGTCGTGCATA-1-10x	0.05419439	0.14288129	0.00021164
7w11w_SITTC3_CCGTTCAAGGGTTTCT-1-10x	0.05224724	0.13594836	0.00017575
7w11w_SITTC3_CCGTTCAGTGCAACAG-1-10x	0.08481889	0.25192106	0.0036353
7w11w_SITTC3_CCTACGTTACCCGGT-1-10x	0.10297397	0.31656298	0.0038193
7w11w_SITTC3_CCTCAACCATACCAGT-1-10x	0.08319549	0.24614087	0.0034742
7w11w_SITTC3_CCTCACAAGAGCTGCA-1-10x	0.09936389	0.30370915	0.0041652
7w11w_SITTC3_CCTCACACAAGAGTTA-1-10x	0.08502356	0.25264978	0.0037839
7w11w_SITTC3_CCTCAAAGACTCTTG-1-10x	0.01540772	0.0047797	3.27E-05
7w11w_SITTC3_CCTCCAAGTCCTCCAT-1-10x	0.01615769	0.00745002	3.33E-05
7w11w_SITTC3_CCTCCTCGTAAGTTAG-1-10x	0.02452725	0.03725018	3.91E-05
7w11w_SITTC3_CCTCTAGAGGGACAGG-1-10x	0.09922504	0.30321476	0.0041652
7w11w_SITTC3_CCTCTCCCACGGCACT-1-10x	0.01787373	0.01356006	3.44E-05
7w11w_SITTC3_CCTGCATTCCATGCAA-1-10x	0.13938268	0.4461977	0.0018772
7w11w_SITTC3_CCTGTTGCATCAACCA-1-10x	0.023006	0.03183371	3.83E-05
7w11w_SITTC3_CCTTCAGCAACCAACT-1-10x	0.01624824	0.0077724	3.33E-05
7w11w_SITTC3_CCTTCAGTCTGCCTCA-1-10x	0.18210126	0.59829897	0.0014427
7w11w_SITTC3_CCTTTGGCACATCCCT-1-10x	0.18224245	0.5988017	0.0014427
7w11w_SITTC3_CGAAGTTCAGTTTCGA-1-10x	0.08292639	0.24518272	0.0033032
7w11w_SITTC3_CGAAGTTCCTGTTAT-1-10x	0.08059002	0.23686399	0.0029431
7w11w_SITTC3_CGAGAAGAGCAGGTCA-1-10x	0.05090337	0.13116346	0.00014746
7w11w_SITTC3_CGAGGAACAGGTTACT-1-10x	0.06427895	0.17878778	0.00058553
7w11w_SITTC3_CGAGGAACATACCACA-1-10x	0.19959623	0.6605905	0.0011985

7w11w_SITTC3_CGAGGCTAGATTCGCT-1-10x	0.2638202	0.8892627	0.00076313
7w11w_SITTC3_CGAGTGCCTACTCTC-1-10x	0.01623915	0.00774005	3.33E-05
7w11w_SITTC3_CGATGCGCAATTTCT-1-10x	0.02056323	0.02313613	3.62E-05
7w11w_SITTC3_CGATGCGCACCTCTAC-1-10x	0.05328083	0.1396285	0.00019264
7w11w_SITTC3_CGCAGGTGTCCATAGT-1-10x	0.04534313	0.11136599	9.39E-05
7w11w_SITTC3_CGCAGGTGTGTCATGT-1-10x	0.25958604	0.87418675	0.00077499
7w11w_SITTC3_CGCATGGAGTGGATAT-1-10x	0.04834401	0.12205074	0.00011598
7w11w_SITTC3_CGCGTGAAGCCTGTTCG-1-10x	0.16595675	0.5408158	0.0017206
7w11w_SITTC3_CGCGTGATCCGGTTCT-1-10x	0.05210597	0.13544536	0.00016076
7w11w_SITTC3_CGGAACCCACCTCTAC-1-10x	0.03680762	0.08097493	5.82E-05
7w11w_SITTC3_CGGAATTGTAAGACCG-1-10x	0.02798783	0.04957171	4.30E-05
7w11w_SITTC3_CGGAGAAGTGCCCAGT-1-10x	0.02574658	0.04159164	4.00E-05
7w11w_SITTC3_CGGCAGTTCTCATGGA-1-10x	0.28927824	0.97990704	0.0007606
7w11w_SITTC3_CGGGACTAGGAAGTCC-1-10x	0.03258344	0.06593458	5.00E-05
7w11w_SITTC3_CGGGACTCAACACACT-1-10x	0.27052358	0.9131303	0.00075418
7w11w_SITTC3_CGGTCAGTCATTCTA-1-10x	0.02886035	0.05267836	4.42E-05
7w11w_SITTC3_CGTCAAAGTCACTTAG-1-10x	0.05821196	0.15718599	0.00031414
7w11w_SITTC3_CGTCAAAGTCTGACTGC-1-10x	0.03456884	0.07300367	5.37E-05
7w11w_SITTC3_CGTGAATCATCTAGAC-1-10x	0.01617543	0.00751316	3.33E-05
7w11w_SITTC3_CGTGATAGTACGTGAG-1-10x	0.01851089	0.01582866	3.49E-05
7w11w_SITTC3_CGTGATAGTTCGATGCC-1-10x	0.23553288	0.7885445	0.00090278
7w11w_SITTC3_CGTGCTTAGCCTGTTCG-1-10x	0.28741962	0.9732894	0.00075864
7w11w_SITTC3_CGTTGGGTCCAGCTCT-1-10x	0.20669238	0.6858567	0.0011344
7w11w_SITTC3_CTAACCTCAAGCAATA-1-10x	0.06810256	0.1924019	0.00097948
7w11w_SITTC3_CTAACCTCATGTGCTA-1-10x	0.19185244	0.63301843	0.0012985
7w11w_SITTC3_CTAAGTGTCTCGCAGG-1-10x	0.02825537	0.05052431	4.30E-05
7w11w_SITTC3_CTACAGAAGCCTTGAT-1-10x	0.08226327	0.24282168	0.0033032
7w11w_SITTC3_CTACAGAAGTATTCCG-1-10x	0.03318698	0.06808351	5.00E-05
7w11w_SITTC3_CTACCTGAGATGGTAT-1-10x	0.18771657	0.6182925	0.0013519
7w11w_SITTC3_CTACCTGGTGGATCAG-1-10x	0.05193987	0.13485396	0.00016076
7w11w_SITTC3_CTACGGGCAGGCTCTG-1-10x	0.27342665	0.9234668	0.0007526
7w11w_SITTC3_CTAATGTGGATCGA-1-10x	0.03563767	0.07680928	5.58E-05
7w11w_SITTC3_CTAATTCGAGTTGT-1-10x	0.0805546	0.23673788	0.0029431
7w11w_SITTC3_CTATAGGTCTCTCCGA-1-10x	0.03028164	0.05773891	4.55E-05
7w11w_SITTC3_CTATCTATCATCTCTA-1-10x	0.02148961	0.02643454	3.69E-05
7w11w_SITTC3_CTCAAGATCTGCCCTA-1-10x	0.02802942	0.04971981	4.30E-05
7w11w_SITTC3_CTCAATTGTTCCCACT-1-10x	0.04861149	0.12300313	0.00012523
7w11w_SITTC3_CTCAGAATCATTGTGG-1-10x	0.03291313	0.06710845	5.00E-05
7w11w_SITTC3_CTCAGTCCAACAGAGC-1-10x	0.22012144	0.7336714	0.0010253
7w11w_SITTC3_CTCAGTCGTAGTCACT-1-10x	0.23996939	0.80434084	0.00087632
7w11w_SITTC3_CTCATCGGTAGTCCTA-1-10x	0.04969116	0.12684731	0.00013566

7w11w_SITTC3_CTCATTATCATTTGTC-1-10x	0.14567395	0.46859804	0.0018716
7w11w_SITTC3_CTCCACAAGGAACGAA-1-10x	0.08872478	0.26582813	0.0041422
7w11w_SITTC3_CTCCACACACCAGACC-1-10x	0.05438653	0.1435654	0.00021164
7w11w_SITTC3_CTCCACAGTATGGGAC-1-10x	0.04359473	0.10514072	8.29E-05
7w11w_SITTC3_CTCCACATCCCGAATA-1-10x	0.08053578	0.23667087	0.0029431
7w11w_SITTC3_CTCCATGAGAGTCAAT-1-10x	0.01620917	0.00763332	3.33E-05
7w11w_SITTC3_CTCCATGGTTTACCAG-1-10x	0.08612696	0.2565785	0.0039187
7w11w_SITTC3_CTCCATGTCCACTGAA-1-10x	0.01637541	0.00822522	3.33E-05
7w11w_SITTC3_CTCCCAAAGATACCAA-1-10x	0.02094667	0.02450139	3.62E-05
7w11w_SITTC3_CTCCCAAGTGATAGAT-1-10x	0.01623531	0.00772637	3.33E-05
7w11w_SITTC3_CTCCCTCGTTGGAGAC-1-10x	0.02110359	0.02506008	3.62E-05
7w11w_SITTC3_CTCCGATTCTGTACAG-1-10x	0.10240687	0.3145438	0.0039137
7w11w_SITTC3_CTCCTTTAGCAAATCA-1-10x	0.02160783	0.02685547	3.69E-05
7w11w_SITTC3_CTCCTTTTCGTGGTAT-1-10x	0.01976189	0.02028291	3.55E-05
7w11w_SITTC3_CTCTCAGAGGTGCGAT-1-10x	0.09130544	0.27501667	0.0043535
7w11w_SITTC3_CTCTCAGGTTGTGTAC-1-10x	0.03432611	0.07213944	5.37E-05
7w11w_SITTC3_CTCTGGTAGCATACTC-1-10x	0.11134008	0.34635085	0.002929
7w11w_SITTC3_CTGAATGCAAGAATGT-1-10x	0.08771744	0.26224145	0.0040384
7w11w_SITTC3_CTGCCATAGCGTTCAT-1-10x	0.1634708	0.5319645	0.001763
7w11w_SITTC3_CTGCCTAGTATCGTGT-1-10x	0.03933081	0.08995886	6.67E-05
7w11w_SITTC3_CTGCCTAGTGCTCCGA-1-10x	0.13134505	0.41757938	0.001934
7w11w_SITTC3_CTGCTCAAGGGCCAAT-1-10x	0.1673159	0.5456551	0.0017056
7w11w_SITTC3_CTGGCAGCAAGTGCTT-1-10x	0.2901839	0.9831317	0.00076163
7w11w_SITTC3_CTGGTCTCACGTCTCT-1-10x	0.26048625	0.877392	0.00077221
7w11w_SITTC3_CTGGTCTTCTGATGGT-1-10x	0.03324763	0.06829944	5.00E-05
7w11w_SITTC3_CTGTACCCAGGTAGTG-1-10x	0.09248441	0.27921447	0.0043903
7w11w_SITTC3_CTGTGAATCACTTCTA-1-10x	0.04858637	0.12291369	0.00012523
7w11w_SITTC3_CTGTGGGCAGTGGTGA-1-10x	0.06047244	0.16523452	0.00038577
7w11w_SITTC3_CTGTGGGTCGGAACCTT-1-10x	0.03500862	0.07456954	5.37E-05
7w11w_SITTC3_CTTAGGACAAGCGGAT-1-10x	0.0277131	0.04859351	4.30E-05
7w11w_SITTC3_CTTCAATTCTATTTTCG-1-10x	0.05111742	0.13192561	0.00014746
7w11w_SITTC3_CTTCTAACAATGATG-1-10x	0.03994116	0.09213205	7.01E-05
7w11w_SITTC3_CTTCTAAGTCATCGGC-1-10x	0.09181402	0.2768275	0.0043903
7w11w_SITTC3_CTTCTCTGCTTAAG-1-10x	0.01767207	0.01284202	3.44E-05
7w11w_SITTC3_CTTGAGAGTCGGAACA-1-10x	0.02532408	0.04008734	4.00E-05
7w11w_SITTC3_CTTTCAAAGGCACCAA-1-10x	0.09022717	0.27117747	0.0042999
7w11w_SITTC3_CTTTCAATCGACATAC-1-10x	0.24308777	0.815444	0.00085167
7w11w_SITTC3_CTTTCGGGTAGAGACC-1-10x	0.13885257	0.44431022	0.0018772
7w11w_SITTC3_CTTTCGGTCGCAACAT-1-10x	0.01822844	0.01482301	3.44E-05
7w11w_SITTC3_GAAATGATCGAATGCT-1-10x	0.0395081	0.09059013	6.67E-05
7w11w_SITTC3_GAAGAATTCTCCGTG-1-10x	0.03774078	0.08429751	6.07E-05

7w11w_SITTC3_GAAGCGAAGCGCCCAT-1-10x	0.05413964	0.14268635	0.00021164
7w11w_SITTC3_GAAGTAACATGGCCCA-1-10x	0.08731764	0.26081797	0.0040384
7w11w_SITTC3_GAAGTAATCTTTGCTA-1-10x	0.2575512	0.8669416	0.00078121
7w11w_SITTC3_GAATAGAGTTAAGTCC-1-10x	0.01913991	0.01806832	3.49E-05
7w11w_SITTC3_GAATCACGTGGTTTAC-1-10x	0.04399674	0.10657211	8.81E-05
7w11w_SITTC3_GACACGCCATTAGGCT-1-10x	0.15597983	0.50529253	0.0018459
7w11w_SITTC3_GACAGCCGTTGCTTGA-1-10x	0.05792777	0.15617412	0.00031414
7w11w_SITTC3_GACCAATCACAAATCC-1-10x	0.23118742	0.7730723	0.00093779
7w11w_SITTC3_GACCCTTAGGAAAGTG-1-10x	0.24723062	0.8301948	0.0008292
7w11w_SITTC3_GACCCTTGATCCCAA-1-10x	0.03910438	0.08915266	6.67E-05
7w11w_SITTC3_GACCTTCTCACATTGG-1-10x	0.13409224	0.4273609	0.0019027
7w11w_SITTC3_GACGCTGCACTGCATA-1-10x	0.01514216	0.00383416	3.27E-05
7w11w_SITTC3_GACGTTACACAAATCC-1-10x	0.03393712	0.07075441	5.17E-05
7w11w_SITTC3_GACGTTATCTTAGTTC-1-10x	0.07751727	0.22592334	0.0023954
7w11w_SITTC3_GACTATGCACTGTCCG-1-10x	0.08379789	0.24828577	0.0034742
7w11w_SITTC3_GACTATGCAGGGAATC-1-10x	0.21597177	0.7188963	0.001055
7w11w_SITTC3_GACTCAAAGAGGATCC-1-10x	0.01716006	0.01101899	3.38E-05
7w11w_SITTC3_GACTCAATCGTAACCA-1-10x	0.05355135	0.14059171	0.00019264
7w11w_SITTC3_GACTCTCAGCGCGTTC-1-10x	0.05845224	0.15804154	0.00031414
7w11w_SITTC3_GACTGATAGCGGATCA-1-10x	0.09091979	0.27364355	0.0043535
7w11w_SITTC3_GAGAAATCAACTCATG-1-10x	0.04329552	0.10407538	8.29E-05
7w11w_SITTC3_GAGAAATTCACGGACC-1-10x	0.04892185	0.12410815	0.00012523
7w11w_SITTC3_GAGACCCGTCATCCGG-1-10x	0.29179746	0.9888769	0.00076378
7w11w_SITTC3_GAGACTTTCTCAACGA-1-10x	0.02032964	0.02230442	3.62E-05
7w11w_SITTC3_GAGCCTGTCACCTTGC-1-10x	0.04100685	0.09592648	7.40E-05
7w11w_SITTC3_GAGGCAACAAGATGGC-1-10x	0.05871864	0.15899007	0.00034795
7w11w_SITTC3_GAGGGATAGAGAATCT-1-10x	0.04961154	0.12656383	0.00013566
7w11w_SITTC3_GAGGGATCAGTGTGCC-1-10x	0.13989389	0.4480179	0.001875
7w11w_SITTC3_GAGTCATCAAGGGTCA-1-10x	0.11385226	0.3552956	0.0027534
7w11w_SITTC3_GAGTCTAAGCGTATAA-1-10x	0.02249837	0.03002627	3.76E-05
7w11w_SITTC3_GAGTCTACATAGTCAC-1-10x	0.04475442	0.10926984	9.39E-05
7w11w_SITTC3_GAGTTGTAGATAGCTA-1-10x	0.2814039	0.95187014	0.00075401
7w11w_SITTC3_GAGTTGTAGGTTGCC-1-10x	0.1070134	0.33094552	0.0034182
7w11w_SITTC3_GAGTTGTTCTCAACGA-1-10x	0.05882964	0.15938526	0.00034795
7w11w_SITTC3_GAGTTTGTGATGGAG-1-10x	0.04928085	0.12538639	0.00012523
7w11w_SITTC3_GATAGCTAGCGGATCA-1-10x	0.018485	0.01573648	3.49E-05
7w11w_SITTC3_GATCACACACACAGCC-1-10x	0.1765485	0.5785281	0.0015416
7w11w_SITTC3_GATCAGTAGTTAGTAG-1-10x	0.21354479	0.71025497	0.0010778
7w11w_SITTC3_GATCAGTGTGCGCTCA-1-10x	0.03270132	0.06635429	5.00E-05
7w11w_SITTC3_GATCAGTTCTGATTCT-1-10x	0.0430392	0.10316276	8.29E-05
7w11w_SITTC3_GATCATGAGATTCGCT-1-10x	0.14226629	0.45646492	0.0018724

7w11w_SITTC3_GATCATGAGCGCAATG-1-10x	0.05595099	0.14913571	0.000257
7w11w_SITTC3_GATGCTAGTGCGTAA-1-10x	0.04828649	0.12184595	0.00011598
7w11w_SITTC3_GATGCTATCATTGCTT-1-10x	0.05251482	0.1369011	0.00017575
7w11w_SITTC3_GATGGAGAGAAATCCA-1-10x	0.02027123	0.02209643	3.62E-05
7w11w_SITTC3_GATTTCGACAGTGGTGA-1-10x	0.09856986	0.30088195	0.0042345
7w11w_SITTC3_GATTGGTGTCTGTTAG-1-10x	0.04753737	0.11917868	0.00011598
7w11w_SITTC3_GATTGGTTCGTTAGAC-1-10x	0.04506233	0.1103662	9.39E-05
7w11w_SITTC3_GATTTCTCACTACCCT-1-10x	0.15185736	0.49061432	0.0018651
7w11w_SITTC3_GATTTCTGTGCAACGA-1-10x	0.23844075	0.7988981	0.00088278
7w11w_SITTC3_GCACGTGCACGGGCTT-1-10x	0.20302476	0.672798	0.0011699
7w11w_SITTC3_GCACTAACATCTATCT-1-10x	0.22213177	0.7408293	0.0010033
7w11w_SITTC3_GCACTAATCATTTGTC-1-10x	0.26181808	0.882134	0.00076727
7w11w_SITTC3_GCAGCCAAGGAACGCT-1-10x	0.26522484	0.8942639	0.00076135
7w11w_SITTC3_GCAGGCTCATCGATGT-1-10x	0.10330832	0.31775346	0.0038193
7w11w_SITTC3_GCAGGCTGTAGTAAGT-1-10x	0.09892163	0.30213445	0.0042345
7w11w_SITTC3_GCATCGGTGACATCA-1-10x	0.22378299	0.7467085	0.00099599
7w11w_SITTC3_GCATCGGTCTCTAGGA-1-10x	0.0306426	0.05902413	4.68E-05
7w11w_SITTC3_GCATGATCACCCAACG-1-10x	0.02087935	0.02426167	3.62E-05
7w11w_SITTC3_GCATTAGCAAGTCCCG-1-10x	0.057432	0.15440893	0.00028394
7w11w_SITTC3_GCATTAGCATTGAAGA-1-10x	0.17859873	0.58582807	0.0015081
7w11w_SITTC3_GCCAGCACACAGAGAC-1-10x	0.01972367	0.02014684	3.55E-05
7w11w_SITTC3_GCCAGCACATTACGGT-1-10x	0.07893413	0.23096815	0.002576
7w11w_SITTC3_GCCAGCAGTTCTGACA-1-10x	0.03316961	0.06802166	5.00E-05
7w11w_SITTC3_GCCAGTGAGGTAGTCG-1-10x	0.0312574	0.06121315	4.68E-05
7w11w_SITTC3_GCCAGTGCAGACCGCT-1-10x	0.01588904	0.00649347	3.33E-05
7w11w_SITTC3_GCCATGGCAGAGTTGG-1-10x	0.04656776	0.11572634	0.00010777
7w11w_SITTC3_GCCATTCCATGGCGCT-1-10x	0.03110591	0.06067376	4.68E-05
7w11w_SITTC3_GCCCGAAAGACGAGCT-1-10x	0.08461589	0.25119826	0.0036353
7w11w_SITTC3_GCCCGAACAGTGCAGCT-1-10x	0.0169672	0.01033229	3.38E-05
7w11w_SITTC3_GCCGATGCAAGCGCTC-1-10x	0.12208226	0.38459885	0.0021873
7w11w_SITTC3_GCCGATGTCACGATCA-1-10x	0.07104128	0.20286532	0.0013138
7w11w_SITTC3_GCGATCGAGGCTAACG-1-10x	0.08457739	0.2510612	0.0036353
7w11w_SITTC3_GCGATCGCACGTACTA-1-10x	0.06355975	0.17622702	0.00058553
7w11w_SITTC3_GCGATCGCAGAGAATT-1-10x	0.05633317	0.15049647	0.000257
7w11w_SITTC3_GCGGAAAAGCATCTTG-1-10x	0.07824673	0.22852062	0.0023954
7w11w_SITTC3_GCGGAAACATAGGAGC-1-10x	0.02646878	0.04416306	4.09E-05
7w11w_SITTC3_GCGGAAACATGAGTAA-1-10x	0.04305102	0.10320485	8.29E-05
7w11w_SITTC3_GCGTGCATCGAGAACG-1-10x	0.03458884	0.0730749	5.37E-05
7w11w_SITTC3_GCGTGCATCGTCTCAC-1-10x	0.02895747	0.05302417	4.42E-05
7w11w_SITTC3_GCGTTTCAGAAACCCG-1-10x	0.01768984	0.0129053	3.44E-05
7w11w_SITTC3_GCGTTTCAGCCTAACT-1-10x	0.04411335	0.10698731	8.81E-05

7w11w_SITTC3_GCTCAAAAGAGAACCC-1-10x	0.08074736	0.23742421	0.0029431
7w11w_SITTC3_GCTCAAACAAGATGTA-1-10x	0.0196148	0.0197592	3.55E-05
7w11w_SITTC3_GCTGAATCCATTGTT-1-10x	0.1235644	0.38987607	0.0021124
7w11w_SITTC3_GCTGCAGAGATGCTAA-1-10x	0.0398031	0.09164049	6.67E-05
7w11w_SITTC3_GCTGGGTGTTATCCAG-1-10x	0.09052566	0.27224025	0.0042999
7w11w_SITTC3_GGAACCCAGGGCAGAG-1-10x	0.14594093	0.46954864	0.0018716
7w11w_SITTC3_GGAAGTGTCTGTCTCG-1-10x	0.04216325	0.10004388	7.82E-05
7w11w_SITTC3_GGAATCTCAGCGGTCT-1-10x	0.03667186	0.08049157	5.82E-05
7w11w_SITTC3_GGAATGGAGATGGTAT-1-10x	0.02453675	0.03728401	3.91E-05
7w11w_SITTC3_GGAATGGTCCACAGCG-1-10x	0.10688952	0.33050448	0.0034182
7w11w_SITTC3_GGAGCAATCGTGCAGC-1-10x	0.09325802	0.28196895	0.0044107
7w11w_SITTC3_GGATCTAGTTCTTCAT-1-10x	0.03218659	0.06452157	4.83E-05
7w11w_SITTC3_GGATGTTAGACGCCAA-1-10x	0.04626025	0.11463143	0.00010046
7w11w_SITTC3_GGATGTTACACAGCC-1-10x	0.10515553	0.3243305	0.0036214
7w11w_SITTC3_GGATGTTTCTCGTCAC-1-10x	0.05584195	0.14874749	0.000233
7w11w_SITTC3_GGCTGTGTCTGATAG-1-10x	0.14002757	0.44849387	0.001875
7w11w_SITTC3_GGCTTGGAAGGTCAG-1-10x	0.23286216	0.7790353	0.00092358
7w11w_SITTC3_GGGACAAAGACGCAGT-1-10x	0.08293525	0.2452143	0.0033032
7w11w_SITTC3_GGGAGATTCTTGGATG-1-10x	0.15898973	0.5160094	0.0018209
7w11w_SITTC3_GGGAGTATCCCGTGAG-1-10x	0.02813365	0.05009091	4.30E-05
7w11w_SITTC3_GGGATGATCGCCTTG-1-10x	0.02027214	0.02209968	3.62E-05
7w11w_SITTC3_GGGCCATAGGAGAGTA-1-10x	0.23639254	0.79160535	0.00089602
7w11w_SITTC3_GGGCGTTTCTAGACAC-1-10x	0.03992627	0.09207902	7.01E-05
7w11w_SITTC3_GGGCTACAGATGGCAC-1-10x	0.16306882	0.53053313	0.001763
7w11w_SITTC3_GGGTAGAAGTCGCCAC-1-10x	0.15034796	0.48524007	0.0018694
7w11w_SITTC3_GGGTATTCATAGAGGC-1-10x	0.16703343	0.54464936	0.0017056
7w11w_SITTC3_GGGTATTGTTGGACCC-1-10x	0.05288899	0.13823335	0.00017575
7w11w_SITTC3_GGGTCTGAGATTCGAA-1-10x	0.03552637	0.076413	5.58E-05
7w11w_SITTC3_GGGTCTGCATGAGGGT-1-10x	0.24594712	0.8256248	0.00083459
7w11w_SITTC3_GGGTCTGGTGCCTTCT-1-10x	0.10891407	0.33771297	0.0032165
7w11w_SITTC3_GGGTGAAAGCACCGTC-1-10x	0.17899281	0.5872312	0.0014915
7w11w_SITTC3_GGGTTATAGCGCCCAT-1-10x	0.21810763	0.7265011	0.00104
7w11w_SITTC3_GGGTTATCCCGAGGT-1-10x	0.16064025	0.52188617	0.0018
7w11w_SITTC3_GGGTTTACAAATCGGG-1-10x	0.10385849	0.31971234	0.0037215
7w11w_SITTC3_GGTAAGTGTCTGTTAG-1-10x	0.05048676	0.1296801	0.00014746
7w11w_SITTC3_GGTCTGGAGGTCTGGA-1-10x	0.04305085	0.10320424	8.29E-05
7w11w_SITTC3_GGTCTGGCAGTAACCT-1-10x	0.10313538	0.3171377	0.0038193
7w11w_SITTC3_GGTCTGGTCTCTGCTG-1-10x	0.1031606	0.31722748	0.0038193
7w11w_SITTC3_GGTGATTGTGCATGCC-1-10x	0.02413325	0.03584732	3.91E-05
7w11w_SITTC3_GGTGATTGTTGTGGAG-1-10x	0.24703754	0.8295073	0.0008292
7w11w_SITTC3_GGTGTCGCAGAGGTTG-1-10x	0.04794542	0.12063155	0.00011598

7w11w_SITTC3_GGTGTCGGTAGGAAAG-1-10x	0.18241608	0.5994199	0.0014427
7w11w_SITTC3_GGTGTAAAGCGTTGTT-1-10x	0.03279717	0.06669557	5.00E-05
7w11w_SITTC3_GGTGTAAAGGCGATAC-1-10x	0.02431702	0.03650165	3.91E-05
7w11w_SITTC3_GGTGTTATCTGAGGCC-1-10x	0.0766708	0.22290948	0.0022191
7w11w_SITTC3_GGTTAACCATGAAGCG-1-10x	0.09479219	0.28743142	0.0044051
7w11w_SITTC3_GGTTCTCCATCAACCA-1-10x	0.03906674	0.08901865	6.67E-05
7w11w_SITTC3_GTAACCACATGGAGAC-1-10x	0.24977437	0.8392519	0.00081397
7w11w_SITTC3_GTAACCATCAGCCCAG-1-10x	0.25328067	0.8517362	0.00079608
7w11w_SITTC3_GTAACCATCTGCTTTA-1-10x	0.09664949	0.2940444	0.0043435
7w11w_SITTC3_GTAATCGAGGGACAGG-1-10x	0.04771762	0.11982045	0.00011598
7w11w_SITTC3_GTAATGCCAATCGCGC-1-10x	0.08964729	0.2691128	0.0042295
7w11w_SITTC3_GTACAACAGATCACTC-1-10x	0.02019691	0.02183181	3.62E-05
7w11w_SITTC3_GTACAACCTCCCTCGAT-1-10x	0.01867721	0.01642085	3.49E-05
7w11w_SITTC3_GTACAGTTCCAAGCCG-1-10x	0.04813585	0.12130957	0.00011598
7w11w_SITTC3_GTAGATCAGCACGTCC-1-10x	0.16722564	0.54533374	0.0017056
7w11w_SITTC3_GTAGATCTCAGGGTAG-1-10x	0.11060527	0.34373453	0.0030221
7w11w_SITTC3_GTAGCTAGTACACGCC-1-10x	0.02061578	0.02332324	3.62E-05
7w11w_SITTC3_GTAGGAGCAAATGATG-1-10x	0.08025564	0.23567344	0.0027593
7w11w_SITTC3_GTAGGAGCATGCAGGA-1-10x	0.01712814	0.01090535	3.38E-05
7w11w_SITTC3_GTAGGTTTCTCGCCTA-1-10x	0.1769949	0.5801176	0.0015416
7w11w_SITTC3_GTATTGGAGGGCAGTT-1-10x	0.19719167	0.652029	0.0012292
7w11w_SITTC3_GTATTGGCAAGGTTGG-1-10x	0.25434485	0.85552526	0.00079207
7w11w_SITTC3_GTCAAGTAGTCTTCGA-1-10x	0.08004095	0.234909	0.0027593
7w11w_SITTC3_GTCAAGTCACATTCGA-1-10x	0.01989555	0.02075882	3.55E-05
7w11w_SITTC3_GTCACGGGTCTAGGTT-1-10x	0.12793146	0.40542516	0.0020026
7w11w_SITTC3_GTCACTCTCTTCTCAA-1-10x	0.04866877	0.12320707	0.00012523
7w11w_SITTC3_GTCAGCGCAACTTGGT-1-10x	0.02422423	0.03617125	3.91E-05
7w11w_SITTC3_GTCAGCGTCCGTAGGC-1-10x	0.03678363	0.08088954	5.82E-05
7w11w_SITTC3_GTCATCCTCCTCGCAT-1-10x	0.01675148	0.00956421	3.38E-05
7w11w_SITTC3_GTCATGATCTGCTGAA-1-10x	0.21227486	0.70573336	0.0010856
7w11w_SITTC3_GTCCACTCAGAGATGC-1-10x	0.0191742	0.01819043	3.49E-05
7w11w_SITTC3_GTCGAATCATGAATCC-1-10x	0.04518582	0.11080589	9.39E-05
7w11w_SITTC3_GTCGCGATCCAAGCTA-1-10x	0.01901716	0.01763126	3.49E-05
7w11w_SITTC3_GTCGTAAAGGCGTCCT-1-10x	0.02935967	0.05445621	4.42E-05
7w11w_SITTC3_GTCTACCCAGGTCTCG-1-10x	0.05877374	0.15918624	0.00034795
7w11w_SITTC3_GTCTCACGTATCGTGT-1-10x	0.02685287	0.04553064	4.19E-05
7w11w_SITTC3_GTCTGTCTCATGTCAG-1-10x	0.0504976	0.12971869	0.00014746
7w11w_SITTC3_GTGAGCCAGTAACGTA-1-10x	0.05355531	0.14060582	0.00019264
7w11w_SITTC3_GTGATGTTCCGAGTGC-1-10x	0.04257302	0.10150288	7.82E-05
7w11w_SITTC3_GTGCAGCTCCTGGTCT-1-10x	0.03368854	0.06986934	5.17E-05
7w11w_SITTC3_GTGCGTGTCCGTGGCA-1-10x	0.08471827	0.2515628	0.0036353

7w11w_SITTC3_GTGCGTGTCTCGACGG-1-10x	0.27166018	0.9171772	0.00075352
7w11w_SITTC3_GTGCTGGAGTGTAGTA-1-10x	0.05466609	0.1445608	0.00021164
7w11w_SITTC3_GTGCTTCGTCGCCTAG-1-10x	0.27143118	0.91636187	0.00075352
7w11w_SITTC3_GTGCTTCTCAGGAAGC-1-10x	0.04670597	0.11621842	0.00010777
7w11w_SITTC3_GTGGAAGTCTCGTGAA-1-10x	0.15009837	0.48435137	0.0018694
7w11w_SITTC3_GTGGAGACAGCTTTGA-1-10x	0.21984422	0.7326844	0.0010253
7w11w_SITTC3_GTGGGAACACAAATCC-1-10x	0.02988493	0.05632642	4.55E-05
7w11w_SITTC3_GTGTCTGTCTCATCTAG-1-10x	0.0430277	0.1031218	8.29E-05
7w11w_SITTC3_GTGTGATAGACCATT-1-10x	0.09273294	0.28009936	0.0044107
7w11w_SITTC3_GTGTGATGTATGTCAC-1-10x	0.27852044	0.9416035	0.00075266
7w11w_SITTC3_GTGTTAGCAATAGAGT-1-10x	0.01526107	0.00425757	3.27E-05
7w11w_SITTC3_GTGTTAGGTAGCACGA-1-10x	0.14878576	0.47967777	0.0018713
7w11w_SITTC3_GTGTTAGTCGACTCCT-1-10x	0.15445955	0.49987954	0.0018575
7w11w_SITTC3_GTGTTCTCACGATCA-1-10x	0.05677782	0.15207969	0.000257
7w11w_SITTC3_GTTACAGAGTGACCTT-1-10x	0.01974997	0.02024046	3.55E-05
7w11w_SITTC3_GTTAGACGTCCTGGGT-1-10x	0.03911412	0.08918733	6.67E-05
7w11w_SITTC3_GTTAGACTCAACCTTT-1-10x	0.06312967	0.17469572	0.00052741
7w11w_SITTC3_GTTAGACTCTGAACGT-1-10x	0.16768454	0.5469676	0.0016902
7w11w_SITTC3_GTTAGTGGTCGCTCGA-1-10x	0.0777831	0.22686985	0.0023954
7w11w_SITTC3_GTTATGGGTTCCATTT-1-10x	0.02525903	0.03985572	4.00E-05
7w11w_SITTC3_GTTCATTAGGATGTTA-1-10x	0.04546291	0.11179245	9.39E-05
7w11w_SITTC3_GTTTCGCTGTAAACAG-1-10x	0.21738014	0.72391087	0.0010475
7w11w_SITTC3_GTTCTATTCTAGATCG-1-10x	0.21217512	0.7053782	0.0010856
7w11w_SITTC3_GTTGCGGCAATCACGT-1-10x	0.25251606	0.8490138	0.00080028
7w11w_SITTC3_GTTGCGGCACAAGCAG-1-10x	0.01940325	0.01900595	3.55E-05
7w11w_SITTC3_GTTGCGGTCTTTGCGC-1-10x	0.04138804	0.09728372	7.40E-05
7w11w_SITTC3_GTTGCTCAGTTCACTG-1-10x	0.07915062	0.23173894	0.002576
7w11w_SITTC3_GTTGCTCCAAGCGATG-1-10x	0.14982344	0.48337248	0.0018694
7w11w_SITTC3_GTTGTGACAGGCATTT-1-10x	0.24263924	0.813847	0.00085764
7w11w_SITTC3_GTTGTGAGTGAGTTGG-1-10x	0.01861606	0.01620313	3.49E-05
7w11w_SITTC3_GTTGTGATCTTCTGGC-1-10x	0.06198091	0.1706055	0.00047505
7w11w_SITTC3_GTTTGGAGTTCGTACA-1-10x	0.01685182	0.0099215	3.38E-05
7w11w_SITTC3_TAACCAGTCGACATAC-1-10x	0.06301617	0.17429158	0.00052741
7w11w_SITTC3_TAACGACGTGGCGTAA-1-10x	0.2242999	0.748549	0.00098869
7w11w_SITTC3_TAAGCCAAGTATAACG-1-10x	0.22641584	0.7560829	0.00097406
7w11w_SITTC3_TAAGCCACAGCTTTGA-1-10x	0.01581096	0.00621547	3.33E-05
7w11w_SITTC3_TAAGTCGTCCTAACAG-1-10x	0.03451137	0.07279903	5.37E-05
7w11w_SITTC3_TAATTCCGTACAAGTA-1-10x	0.13384345	0.42647505	0.0019027
7w11w_SITTC3_TACACCCAATTCGTG-1-10x	0.04737866	0.11861359	0.00010777
7w11w_SITTC3_TACACCCAGAGTGAC-1-10x	0.08781847	0.2626012	0.0041422
7w11w_SITTC3_TACACCCGTCAGACTT-1-10x	0.07084122	0.20215301	0.0011935

7w11w_SITTC3_TACAGGTAGGATGCGT-1-10x	0.0154206	0.00482559	3.27E-05
7w11w_SITTC3_TACAGGTCAACGCATT-1-10x	0.02903101	0.05328599	4.42E-05
7w11w_SITTC3_TACCCACAGATGAAGG-1-10x	0.04538894	0.11152908	9.39E-05
7w11w_SITTC3_TACCCACAGGAAGTCC-1-10x	0.03597635	0.07801516	5.58E-05
7w11w_SITTC3_TACCCACAGTGAGTGC-1-10x	0.08894694	0.26661915	0.0042295
7w11w_SITTC3_TACCCGTCAGGACGAT-1-10x	0.10212715	0.31354785	0.0039137
7w11w_SITTC3_TACCCGTGTCTACGAT-1-10x	0.12146315	0.3823945	0.0022308
7w11w_SITTC3_TACCGGGTCGCCAATA-1-10x	0.04948229	0.12610362	0.00013566
7w11w_SITTC3_TACCTCGAGGTACATA-1-10x	0.03432757	0.07214463	5.37E-05
7w11w_SITTC3_TACCTCGAGTTGCCCG-1-10x	0.2674046	0.902025	0.00075705
7w11w_SITTC3_TACCTCGGTACACGTT-1-10x	0.0306232	0.05895504	4.68E-05
7w11w_SITTC3_TACCTGCAGGCTCAC-1-10x	0.02827631	0.05059886	4.30E-05
7w11w_SITTC3_TACCTGCTCCAAGCTA-1-10x	0.08497776	0.25248674	0.0036353
7w11w_SITTC3_TACGCTCAGACGAGCT-1-10x	0.16449742	0.53561974	0.0017494
7w11w_SITTC3_TACGGGCCAGCCGGTT-1-10x	0.01676623	0.00961673	3.38E-05
7w11w_SITTC3_TACGGTAAGGAGTACC-1-10x	0.02997782	0.05665715	4.55E-05
7w11w_SITTC3_TACTTACAGACCATGG-1-10x	0.03016646	0.05732881	4.55E-05
7w11w_SITTC3_TAGACCACACCATATG-1-10x	0.0415744	0.09794727	7.40E-05
7w11w_SITTC3_TAGCACAAGACTCATC-1-10x	0.02384441	0.0348189	3.83E-05
7w11w_SITTC3_TAGGGTTTCCCTTG-1-10x	0.21684135	0.7219925	0.0010475
7w11w_SITTC3_TAGGGTTTCTAGGCAT-1-10x	0.19346054	0.6387442	0.0012741
7w11w_SITTC3_TAGTGCACAGTCACGC-1-10x	0.02207512	0.02851925	3.76E-05
7w11w_SITTC3_TAGTGCATCGCATTGA-1-10x	0.1298148	0.4121309	0.0019639
7w11w_SITTC3_TATACCTAGCCGATCC-1-10x	0.07634492	0.22174917	0.0020486
7w11w_SITTC3_TATACCTGTACGATTC-1-10x	0.02002461	0.02121835	3.55E-05
7w11w_SITTC3_TATCAGGAGACCGTTT-1-10x	0.03198829	0.06381553	4.83E-05
7w11w_SITTC3_TATCGCCAGTCCCGA-1-10x	0.01886247	0.01708048	3.49E-05
7w11w_SITTC3_TATCGCCGTTTGCCGG-1-10x	0.02038851	0.02251403	3.62E-05
7w11w_SITTC3_TATCTGTCTGCGG-1-10x	0.07767083	0.2264701	0.0023954
7w11w_SITTC3_TATGTTTCAGAGCTGCA-1-10x	0.02255513	0.03022837	3.76E-05
7w11w_SITTC3_TATGTTCTCGCCAGTG-1-10x	0.14094672	0.45176652	0.0018734
7w11w_SITTC3_TATTGGGAGATTAGCA-1-10x	0.0354319	0.07607663	5.58E-05
7w11w_SITTC3_TATTGGGCAATACGAA-1-10x	0.01965201	0.01989169	3.55E-05
7w11w_SITTC3_TCAAGACCAAAGTCT-1-10x	0.01540755	0.00477912	3.27E-05
7w11w_SITTC3_TCAATTCAGCTGTGCC-1-10x	0.04496294	0.11001229	9.39E-05
7w11w_SITTC3_TCACACCCACCTCAGG-1-10x	0.09172752	0.27651954	0.0043903
7w11w_SITTC3_TCACACCGTCCAAAGG-1-10x	0.04223546	0.10030101	7.82E-05
7w11w_SITTC3_TCACATTCACCAACAT-1-10x	0.01888217	0.01715065	3.49E-05
7w11w_SITTC3_TCACGGGGTGCTAGCC-1-10x	0.07278357	0.20906883	0.0015819
7w11w_SITTC3_TCACGGGGTGCGTAA-1-10x	0.09301911	0.2811183	0.0044107
7w11w_SITTC3_TCAGCCTCACGTGTGC-1-10x	0.08989278	0.26998687	0.0042999

7w11w_SITTC3_TCAGTCCAGAATGTTG-1-10x	0.21444139	0.71344733	0.0010701
7w11w_SITTC3_TCAGTGAAGGACCCAA-1-10x	0.04553658	0.11205478	0.00010046
7w11w_SITTC3_TCAGTTTGTACCGTGC-1-10x	0.26063374	0.8779171	0.00077221
7w11w_SITTC3_TCATACTTCGGAGATG-1-10x	0.04512826	0.11060095	9.39E-05
7w11w_SITTC3_TCATATCTCGTGAGAG-1-10x	0.04990359	0.12760368	0.00013566
7w11w_SITTC3_TCATGCCTCGGCCTTT-1-10x	0.04993486	0.12771504	0.00013566
7w11w_SITTC3_TCATGGAGTGTCCCTT-1-10x	0.07972062	0.23376848	0.0027593
7w11w_SITTC3_TCATTACTCGCTTGCT-1-10x	0.20206386	0.6693766	0.0011792
7w11w_SITTC3_TCCACCAAGTGTTGAA-1-10x	0.01786556	0.01353096	3.44E-05
7w11w_SITTC3_TCCACCATCATTCGGA-1-10x	0.02698157	0.0459889	4.19E-05
7w11w_SITTC3_TCCACGTCAAGCCAC-1-10x	0.08117661	0.23895258	0.0029431
7w11w_SITTC3_TCCACGTGTTGACGGA-1-10x	0.03950169	0.09056729	6.67E-05
7w11w_SITTC3_TCCAGAATCATCAGTG-1-10x	0.14029033	0.44942945	0.001875
7w11w_SITTC3_TCCATGCGTGGAGAAA-1-10x	0.02230961	0.02935418	3.76E-05
7w11w_SITTC3_TCCGAAAAGACTTCAC-1-10x	0.02231734	0.02938168	3.76E-05
7w11w_SITTC3_TCCGAAAAGGCTAACG-1-10x	0.02177056	0.02743488	3.69E-05
7w11w_SITTC3_TCCGATCAGGTGGCTA-1-10x	0.03911359	0.08918545	6.67E-05
7w11w_SITTC3_TCCGATCTCGATAACC-1-10x	0.02268026	0.03067391	3.76E-05
7w11w_SITTC3_TCCGGGACATGCCGCA-1-10x	0.27926233	0.94424504	0.00075266
7w11w_SITTC3_TCCGTGTGTACCCACG-1-10x	0.05462167	0.14440264	0.00021164
7w11w_SITTC3_TCCTCCCCAGTATACC-1-10x	0.03838144	0.08657859	6.36E-05
7w11w_SITTC3_TCCTCGAGTAAGGCTG-1-10x	0.03333836	0.06862249	5.17E-05
7w11w_SITTC3_TCCTTCTCATAATGCC-1-10x	0.28245774	0.9556224	0.00075462
7w11w_SITTC3_TCCTTCTTCGAGCCTG-1-10x	0.01866641	0.0163824	3.49E-05
7w11w_SITTC3_TCGAACACACTTCCTG-1-10x	0.04482757	0.10953032	9.39E-05
7w11w_SITTC3_TCGAAGTGTTAGCTAC-1-10x	0.0421416	0.09996679	7.82E-05
7w11w_SITTC3_TCGACGGAGAATACAC-1-10x	0.25427842	0.85528874	0.00079207
7w11w_SITTC3_TCGACGGAGAGGCCAT-1-10x	0.15312946	0.49514368	0.0018617
7w11w_SITTC3_TCGACGGCAAGCGCAA-1-10x	0.23440455	0.784527	0.00090964
7w11w_SITTC3_TCGACGGGTGCATACT-1-10x	0.03015666	0.05729392	4.55E-05
7w11w_SITTC3_TCGATTTAGGTA ACTA-1-10x	0.0529106	0.13831028	0.00017575
7w11w_SITTC3_TCGCACTTCGCTTTAT-1-10x	0.01598817	0.00684642	3.33E-05
7w11w_SITTC3_TCGCAGGTCTGACTCCT-1-10x	0.03060635	0.05889508	4.68E-05
7w11w_SITTC3_TCGCTTGCAAAGCTCT-1-10x	0.08408418	0.24930508	0.0036353
7w11w_SITTC3_TCGGATAAGTGCTACT-1-10x	0.03920424	0.08950823	6.67E-05
7w11w_SITTC3_TCGGATAGTCTAATCG-1-10x	0.20914856	0.694602	0.0011095
7w11w_SITTC3_TCGGGCAAGCTCACTA-1-10x	0.29171625	0.9885877	0.00076378
7w11w_SITTC3_TCGGGCAGTCCACTTC-1-10x	0.05306767	0.13886955	0.00019264
7w11w_SITTC3_TCGGGTGTCCATTTAC-1-10x	0.0263164	0.0436205	4.09E-05
7w11w_SITTC3_TCGGTCTTCGTGGCTG-1-10x	0.03860908	0.08738912	6.36E-05
7w11w_SITTC3_TCGTGCTGTGCTGTCG-1-10x	0.0233412	0.03302719	3.83E-05

7w11w_SITTC3_TCTACATAGAATCTAG-1-10x	0.02647225	0.04417543	4.09E-05
7w11w_SITTC3_TCTCCGATCTGCGATA-1-10x	0.0218845	0.02784057	3.69E-05
7w11w_SITTC3_TCTGTGAGAAATTGC-1-10x	0.20173156	0.66819346	0.0011792
7w11w_SITTC3_TCTTGCCTCGGCAGTC-1-10x	0.20660593	0.68554884	0.0011344
7w11w_SITTC3_TGAACGTGTTCTTGC-1-10x	0.235605	0.78880125	0.00090278
7w11w_SITTC3_TGAACGTTCACCTTGTT-1-10x	0.0425708	0.10149499	7.82E-05
7w11w_SITTC3_TGAATGCAGGACGCAT-1-10x	0.02436498	0.0366724	3.91E-05
7w11w_SITTC3_TGACAGTGTCCACATA-1-10x	0.01909608	0.01791226	3.49E-05
7w11w_SITTC3_TGACGCGAGGTCTACT-1-10x	0.24964543	0.8387928	0.00081397
7w11w_SITTC3_TGACGCGTCCATCTGC-1-10x	0.14930414	0.48152348	0.0018705
7w11w_SITTC3_TGACTCCAGTCATAGA-1-10x	0.2319406	0.775754	0.00093066
7w11w_SITTC3_TGAGACTGTACTCGTA-1-10x	0.07956831	0.23322617	0.0027593
7w11w_SITTC3_TGAGACTTCACCTTGTT-1-10x	0.07291315	0.20953019	0.0015819
7w11w_SITTC3_TGAGGAGTCCTGCCAT-1-10x	0.01875243	0.01668869	3.49E-05
7w11w_SITTC3_TGAGTCATCACTTCTA-1-10x	0.0811171	0.2387407	0.0029431
7w11w_SITTC3_TGATGGTAGATGCTAA-1-10x	0.03499299	0.07451389	5.37E-05
7w11w_SITTC3_TGCACGGCAAAGAACT-1-10x	0.01676525	0.00961327	3.38E-05
7w11w_SITTC3_TGCAGGCAGAGTGGCT-1-10x	0.04088648	0.09549791	7.40E-05
7w11w_SITTC3_TGCAGTAAGTGGATTA-1-10x	0.02109743	0.02503817	3.62E-05
7w11w_SITTC3_TGCAGTATCTCAGTCC-1-10x	0.01591724	0.00659386	3.33E-05
7w11w_SITTC3_TGCATCCTCACCGGTG-1-10x	0.17364137	0.56817716	0.0015922
7w11w_SITTC3_TGCCGAGAGGATCATA-1-10x	0.10446477	0.32187104	0.0037215
7w11w_SITTC3_TGCGATAAGGGATGTC-1-10x	0.02224226	0.02911437	3.76E-05
7w11w_SITTC3_TGCGGCAAGAGAGGGC-1-10x	0.21682157	0.72192204	0.0010475
7w11w_SITTC3_TGCGGGTCAAGCGGAT-1-10x	0.03572907	0.07713471	5.58E-05
7w11w_SITTC3_TGCTCCAAGCTAGCCC-1-10x	0.0234216	0.03331346	3.83E-05
7w11w_SITTC3_TGCTCCATCGATTTCT-1-10x	0.2820179	0.95405626	0.00075401
7w11w_SITTC3_TGCTGAACACAACCGC-1-10x	0.18928938	0.62389255	0.0013244
7w11w_SITTC3_TGCTTCGAGTCGTTAC-1-10x	0.1198246	0.37656033	0.0022788
7w11w_SITTC3_TGGCGTGAGATGATTG-1-10x	0.04803065	0.12093501	0.00011598
7w11w_SITTC3_TGGGCGTCAACGTT-1-10x	0.12332647	0.3890289	0.0021479
7w11w_SITTC3_TGGGCGTCCCGTTGT-1-10x	0.01595443	0.00672629	3.33E-05
7w11w_SITTC3_TGGGCTGAGTAAACAC-1-10x	0.02406748	0.03561315	3.91E-05
7w11w_SITTC3_TGGGCTGCACTGGACC-1-10x	0.23086438	0.77192205	0.00093779
7w11w_SITTC3_TGGGCTGCAGCTTTCC-1-10x	0.2213415	0.7380155	0.0010106
7w11w_SITTC3_TGGGCTGGTATCGTAC-1-10x	0.03568539	0.07697919	5.58E-05
7w11w_SITTC3_TGGGTTATCTACGCGG-1-10x	0.21756658	0.7245747	0.00104
7w11w_SITTC3_TGGTACATCCGGTTCT-1-10x	0.2155773	0.7174918	0.001055
7w11w_SITTC3_TGGTTAGGTGACAACG-1-10x	0.02616274	0.04307339	4.09E-05
7w11w_SITTC3_TGTAAGCCAGCAGTGA-1-10x	0.08623803	0.25697398	0.0039187
7w11w_SITTC3_TGTAAGCTCCCGAGTG-1-10x	0.04703395	0.11738621	0.00010777

7w11w_SITTC3_TGTACAGCACACTGGC-1-10x	0.02852361	0.05147937	4.30E-05
7w11w_SITTC3_TGTACAGCATCTATCT-1-10x	0.01625682	0.00780298	3.33E-05
7w11w_SITTC3_TGTACAGTCTCTATGT-1-10x	0.04572735	0.11273401	0.00010046
7w11w_SITTC3_TGTCAGAAGAGCAAGA-1-10x	0.03078615	0.05953525	4.68E-05
7w11w_SITTC3_TGTCAGAGTAGGACTG-1-10x	0.1861522	0.6127225	0.0013809
7w11w_SITTC3_TGTCCCAAGTATGTAG-1-10x	0.05617334	0.1499274	0.000257
7w11w_SITTC3_TGTGCGGAGGGCGAAG-1-10x	0.07804082	0.22778748	0.0023954
7w11w_SITTC3_TGTGCGGGTGCTCCGA-1-10x	0.05173874	0.13413781	0.00016076
7w11w_SITTC3_TGTTTCATCAAATCGTC-1-10x	0.2535494	0.852693	0.00079608
7w11w_SITTC3_TGTTTCATCAGCGGTTTC-1-10x	0.05297754	0.13854863	0.00017575
7w11w_SITTC3_TGTTGGACAACGACAG-1-10x	0.02912391	0.05361677	4.42E-05
7w11w_SITTC3_TGTTGGACATAGGTAA-1-10x	0.22101957	0.7368692	0.0010179
7w11w_SITTC3_TGTTGGAGTCAAGTTC-1-10x	0.23455136	0.78504974	0.00090964
7w11w_SITTC3_TGTTGGAGTCGTTGGC-1-10x	0.01855082	0.01597085	3.49E-05
7w11w_SITTC3_TTAATCCAGGATTTCC-1-10x	0.02644857	0.0440911	4.09E-05
7w11w_SITTC3_TTAATCCCATCACCAA-1-10x	0.1138254	0.35519993	0.0027534
7w11w_SITTC3_TTAATCCGTTCTCCA-1-10x	0.16745846	0.54616266	0.0017056
7w11w_SITTC3_TTACAGGGTGGACTGA-1-10x	0.03161107	0.0624724	4.83E-05
7w11w_SITTC3_TTACCGCGTTGACTAC-1-10x	0.04677327	0.11645804	0.00010777
7w11w_SITTC3_TTACGTTAGTCATGGG-1-10x	0.2607671	0.878392	0.00076963
7w11w_SITTC3_TTACGTTGTCCCGGTA-1-10x	0.08416548	0.24959458	0.0036353
7w11w_SITTC3_TTACGTTGTCTACAA-1-10x	0.15687601	0.5084834	0.0018385
7w11w_SITTC3_TTACGTTTCAGTGTTG-1-10x	0.02748314	0.04777475	4.19E-05
7w11w_SITTC3_TTACGTTTCGGATACT-1-10x	0.06023638	0.16439404	0.00038577
7w11w_SITTC3_TTATTGCGTCACAGAG-1-10x	0.03720266	0.08238152	6.07E-05
7w11w_SITTC3_TTCAATCAGGTCTGGA-1-10x	0.03782119	0.08458381	6.07E-05
7w11w_SITTC3_TTCAATCCATCGTCCT-1-10x	0.21383196	0.7112774	0.0010701
7w11w_SITTC3_TTCAATCTCCCATTCG-1-10x	0.2593511	0.87335026	0.00077499
7w11w_SITTC3_TTCAATCTCGGTATGT-1-10x	0.02011182	0.02152884	3.55E-05
7w11w_SITTC3_TTCAATCTCGTTGTTT-1-10x	0.17432745	0.57062	0.0015753
7w11w_SITTC3_TTACCGAGAAGCCTG-1-10x	0.18791209	0.6189887	0.0013519
7w11w_SITTC3_TTACAGGAAGACATAGT-1-10x	0.23469272	0.78555304	0.00090964
7w11w_SITTC3_TTACAGGATCATGTCAG-1-10x	0.03947016	0.09045501	6.67E-05
7w11w_SITTC3_TTACAGGATCGCCATAA-1-10x	0.2790549	0.9435065	0.00075266
7w11w_SITTC3_TTCATGTTCCCTTTGG-1-10x	0.08216462	0.24247041	0.0031253
7w11w_SITTC3_TTCATTGAGCGCCTAC-1-10x	0.10223458	0.31393036	0.0039137
7w11w_SITTC3_TTCCAATTCCGCGAGT-1-10x	0.04431872	0.10771854	8.81E-05
7w11w_SITTC3_TTCCACGGTCATCAGT-1-10x	0.08052369	0.23662782	0.0029431
7w11w_SITTC3_TTCCACGGTCCAGGTC-1-10x	0.07695661	0.2239271	0.0022191
7w11w_SITTC3_TTCCGTGTCGCTACGG-1-10x	0.04338748	0.10440281	8.29E-05
7w11w_SITTC3_TTCCGTGTCGCTCCTA-1-10x	0.28840557	0.9767999	0.0007596

7w11w_SITTC3_TTCCTAAAGTTGCATC-1-10x	0.01565801	0.00567087	3.33E-05
7w11w_SITTC3_TTCCTCTTCATCGGGC-1-10x	0.01830737	0.01510403	3.49E-05
7w11w_SITTC3_TTCCTCTTCTGATTCT-1-10x	0.02897731	0.05309479	4.42E-05
7w11w_SITTC3_TTCCTTCCATGGTGGA-1-10x	0.2242416	0.7483414	0.00098869
7w11w_SITTC3_TTCCTTCTCAACACCA-1-10x	0.01632362	0.00804081	3.33E-05
7w11w_SITTC3_TTCCTTCTCATCAGTG-1-10x	0.26887614	0.90726453	0.00075594
7w11w_SITTC3_TTCGATTGTCGTTTCC-1-10x	0.07332233	0.2109871	0.0015819
7w11w_SITTC3_TTCGCTGGTACTGACT-1-10x	0.04763254	0.11951754	0.00011598
7w11w_SITTC3_TTCGCTGTGAGAGAC-1-10x	0.04557625	0.11219603	0.00010046
7w11w_SITTC3_TTCGGTCCACTTCAGA-1-10x	0.07661191	0.22269978	0.0022191
7w11w_SITTC3_TTCTTCTCTGACGCG-1-10x	0.0548133	0.14508492	0.00021164
7w11w_SITTC3_TTGAACGGTAGAATAC-1-10x	0.04284935	0.1024868	8.29E-05
7w11w_SITTC3_TTGAACGGTGACTGAG-1-10x	0.10686798	0.33042777	0.0034182
7w11w_SITTC3_TTGACCTCGAATCCA-1-10x	0.0995817	0.30448467	0.0041652
7w11w_SITTC3_TTGGGATGTCCCTGTT-1-10x	0.02822826	0.05042777	4.30E-05
7w11w_SITTC3_TTGGGCGAGATCCTAC-1-10x	0.1181981	0.3707691	0.0023898
7w11w_SITTC3_TTGGGCGGTACGTTCA-1-10x	0.02589785	0.04213027	4.09E-05
7w11w_SITTC3_TTGGGTACATGGATCT-1-10x	0.03811842	0.08564211	6.36E-05
7w11w_SITTC3_TTGGGTATCCGATTAG-1-10x	0.23186432	0.7754824	0.00093066
7w11w_SITTC3_TTGTTCAAGAATAACC-1-10x	0.04447321	0.1082686	8.81E-05
7w11w_SITTC3_TTTACCAAGGACAAGA-1-10x	0.04386866	0.10611608	8.81E-05
7w11w_SITTC3_TTTACGTATCAGCGC-1-10x	0.01538928	0.00471406	3.27E-05
7w11w_SITTC3_TTTACTGTCCGGACGT-1-10x	0.12236002	0.38558784	0.0021873
7w11w_SITTC3_TTTAGTCTCGAGCCTG-1-10x	0.0365434	0.08003418	5.82E-05
7w11w_SITTC3_TTTCACAGTCTCAAGT-1-10x	0.02901831	0.05324078	4.42E-05
7w11w_SITTC3_TTTCAGTGTAAGTTGA-1-10x	0.0284299	0.05114574	4.30E-05
7w11w_SITTC3_TTTCAGTTCCTGGGTG-1-10x	0.08886009	0.26630992	0.0042295
7w11w_SITTC3_TTTCGATTCTGGGCGT-1-10x	0.07015164	0.19969773	0.0011935
7w11w_SITTC3_TTTGATCGTGGCAACA-1-10x	0.02213804	0.02874329	3.76E-05
7w11w_SITTC3_TTTGGAGAGCTCGTGC-1-10x	0.07037377	0.20048864	0.0011935
7w11w_SITTC3_TTTGTTGTCCGAGATT-1-10x	0.12033983	0.37839484	0.0022788
7w11w_SITTD3_AAACCCACATCCTAAG-1-10x	0.02775265	0.04873435	4.30E-05
7w11w_SITTD3_AAAGAACGTAATGTGA-1-10x	0.2575785	0.8670388	0.00078121
7w11w_SITTD3_AAAGGATCACCTAGG-1-10x	0.02306068	0.03202839	3.83E-05
7w11w_SITTD3_AAAGGGCGTGCTTCAA-1-10x	0.03274909	0.06652439	5.00E-05
7w11w_SITTD3_AAAGGTACAATAGGAT-1-10x	0.02939019	0.05456486	4.42E-05
7w11w_SITTD3_AAAGGTACAATAGTGA-1-10x	0.04800458	0.1208422	0.00011598
7w11w_SITTD3_AAAGGTAGTGGCTACC-1-10x	0.1068596	0.3303979	0.0034182
7w11w_SITTD3_AAAGTCTCTTAGGAC-1-10x	0.06400605	0.17781611	0.00058553
7w11w_SITTD3_AAAGTGATCTCCAAGA-1-10x	0.04116279	0.09648171	7.40E-05
7w11w_SITTD3_AACCAACTCGATACAC-1-10x	0.04904616	0.12455078	0.00012523

7w11w_SITTD3_AACCATGGTGCCCACA-1-10x	0.25087085	0.843156	0.00080923
7w11w_SITTD3_AACCATGGTTCGTGCG-1-10x	0.0899815	0.27030277	0.0042999
7w11w_SITTD3_AACCCAACAAATCAGA-1-10x	0.0375226	0.08352067	6.07E-05
7w11w_SITTD3_AACCCAACACTGGATT-1-10x	0.16221187	0.527482	0.001776
7w11w_SITTD3_AACCTGACAGTAACGG-1-10x	0.03057085	0.05876868	4.68E-05
7w11w_SITTD3_AACCTGATCTTCGTAT-1-10x	0.23114467	0.7729201	0.00093779
7w11w_SITTD3_AACGTCAAGGACTGGT-1-10x	0.04532178	0.11128996	9.39E-05
7w11w_SITTD3_AACTTCTGTAATTAGG-1-10x	0.15494156	0.50159574	0.0018522
7w11w_SITTD3_AAGAACAGTAAGGAGA-1-10x	0.25319105	0.8514171	0.00079608
7w11w_SITTD3_AAGACTCTCATTCTTG-1-10x	0.22360827	0.7460864	0.00099599
7w11w_SITTD3_AAGCCATGTGCACGCT-1-10x	0.13839166	0.44266915	0.0018802
7w11w_SITTD3_AAGCGTTTCTTTGATC-1-10x	0.04964569	0.12668543	0.00013566
7w11w_SITTD3_AAGGAATAGCATACTC-1-10x	0.13077725	0.41555774	0.001948
7w11w_SITTD3_AAGTACCTCTATGTGG-1-10x	0.01681423	0.00978764	3.38E-05
7w11w_SITTD3_AATCGACCACAGTGAG-1-10x	0.14008985	0.44871563	0.001875
7w11w_SITTD3_AATGACCTCCTTATGT-1-10x	0.09083847	0.27335402	0.0043535
7w11w_SITTD3_AATTCCTGTAATACCC-1-10x	0.06813174	0.19250578	0.00097948
7w11w_SITTD3_AATTTCCAAGTCATC-1-10x	0.18355027	0.6034582	0.0014268
7w11w_SITTD3_ACAACCAAGTGTGAGG-1-10x	0.15066004	0.48635122	0.0018694
7w11w_SITTD3_ACACCAAAGTCTGGTT-1-10x	0.04467867	0.10900015	9.39E-05
7w11w_SITTD3_ACACCAAAGTTGTAGA-1-10x	0.24584556	0.8252632	0.00083459
7w11w_SITTD3_ACACGCGGTCTTGCGG-1-10x	0.01556876	0.0053531	3.33E-05
7w11w_SITTD3_ACACGCGTCATCCCGT-1-10x	0.20604691	0.68355846	0.001143
7w11w_SITTD3_ACAGGGAAGCCTCAAT-1-10x	0.07928708	0.23222484	0.002576
7w11w_SITTD3_ACATCCCTCGATGCAT-1-10x	0.07682556	0.2234605	0.0022191
7w11w_SITTD3_ACATCGACAACCAGAG-1-10x	0.279806	0.9461807	0.00075303
7w11w_SITTD3_ACATGCAGTCGCTTAA-1-10x	0.259943	0.87545776	0.00077221
7w11w_SITTD3_ACATTTCCAAGTATCC-1-10x	0.04480825	0.10946151	9.39E-05
7w11w_SITTD3_ACATTTCTCTCGAGTA-1-10x	0.03063748	0.05900588	4.68E-05
7w11w_SITTD3_ACCATTTCAAATGCGG-1-10x	0.06118957	0.16778791	0.00042799
7w11w_SITTD3_ACCATTTCAAGGCTTT-1-10x	0.04643202	0.115243	0.00010046
7w11w_SITTD3_ACCCAAATCTATGCCC-1-10x	0.17330524	0.56698036	0.0015922
7w11w_SITTD3_ACCCTCACAGTTGGTT-1-10x	0.01660018	0.00902553	3.38E-05
7w11w_SITTD3_ACCCTTGGTACCGTCG-1-10x	0.05488692	0.14534706	0.00021164
7w11w_SITTD3_ACCGTTCTCGCAGTTA-1-10x	0.04158803	0.09799579	7.40E-05
7w11w_SITTD3_ACGGAAGCACCGTGAC-1-10x	0.06485292	0.18083143	0.00064991
7w11w_SITTD3_ACGGGTCTCAGCAGAG-1-10x	0.03133001	0.0614717	4.68E-05
7w11w_SITTD3_ACGGTTACAACATCGT-1-10x	0.0949994	0.28816918	0.0044051
7w11w_SITTD3_ACGTTCCAGGGACTGT-1-10x	0.29155147	0.988001	0.00076269
7w11w_SITTD3_ACGTTCCAGCAGTAG-1-10x	0.21675804	0.7216959	0.0010475
7w11w_SITTD3_ACGTTCCGTTGCGTG-1-10x	0.08257929	0.24394687	0.0033032

7w11w_SITTD3_ACTACGAAGGTACAAT-1-10x	0.21671179	0.7215312	0.0010475
7w11w_SITTD3_ACTATCTCACAGCCTG-1-10x	0.07590736	0.22019123	0.0020486
7w11w_SITTD3_ACTATCTTCATACAGC-1-10x	0.25254804	0.84912765	0.00080028
7w11w_SITTD3_ACTATGGCAAAGGCGT-1-10x	0.05565033	0.14806521	0.000233
7w11w_SITTD3_ACTCTCGTCCCTTGGT-1-10x	0.03355216	0.06938376	5.17E-05
7w11w_SITTD3_ACTGCAACACACGGTC-1-10x	0.25493795	0.85763705	0.00079207
7w11w_SITTD3_ACTGTCCGTGACGCCT-1-10x	0.02237586	0.02959006	3.76E-05
7w11w_SITTD3_ACTTATCTCCCTAGGG-1-10x	0.04931982	0.12552518	0.00013566
7w11w_SITTD3_ACTTCCGCACACACGC-1-10x	0.01624547	0.00776257	3.33E-05
7w11w_SITTD3_ACTTTCAAGACCATAA-1-10x	0.03104173	0.06044525	4.68E-05
7w11w_SITTD3_AGAACAATCGAGAAAT-1-10x	0.15822284	0.51327884	0.0018302
7w11w_SITTD3_AGACAAACAGCTGTTA-1-10x	0.15528773	0.5028283	0.0018522
7w11w_SITTD3_AGACACTAGACTTAAG-1-10x	0.2511429	0.84412456	0.00080923
7w11w_SITTD3_AGAGAATCAGGTGGAT-1-10x	0.23973387	0.80350226	0.00087632
7w11w_SITTD3_AGATAGAAGACAAGCC-1-10x	0.08340279	0.24687898	0.0034742
7w11w_SITTD3_AGATAGAGTATGAGGC-1-10x	0.16804759	0.5482603	0.0016902
7w11w_SITTD3_AGATAGAGTCCAAGAG-1-10x	0.02340813	0.0332655	3.83E-05
7w11w_SITTD3_AGATAGAGTCTGTGTA-1-10x	0.08785182	0.26271993	0.0041422
7w11w_SITTD3_AGATCGTGTGACGCCT-1-10x	0.25367793	0.85315067	0.00079608
7w11w_SITTD3_AGATGAAGTAGTCGTT-1-10x	0.21138492	0.70256466	0.0010934
7w11w_SITTD3_AGATGAAGTATGCTAC-1-10x	0.05281025	0.13795298	0.00017575
7w11w_SITTD3_AGCATCAGTCGTTCAA-1-10x	0.19538839	0.64560837	0.0012511
7w11w_SITTD3_AGCCAATCCCGAGAC-1-10x	0.23146947	0.7740765	0.00093779
7w11w_SITTD3_AGCGATTACTAGTAC-1-10x	0.0238628	0.03488438	3.83E-05
7w11w_SITTD3_AGCGCCATCAACTGGT-1-10x	0.25331536	0.85185975	0.00079608
7w11w_SITTD3_AGCGTATAGTGCTACT-1-10x	0.19808778	0.6552196	0.0012187
7w11w_SITTD3_AGCGTATAGTTCACTG-1-10x	0.26372397	0.88892	0.00076313
7w11w_SITTD3_AGCGTATGTCCTCAGG-1-10x	0.02527856	0.03992524	4.00E-05
7w11w_SITTD3_AGCGTATTCTAACGCA-1-10x	0.08297632	0.24536052	0.0033032
7w11w_SITTD3_AGCTTCCCAGTCAGCC-1-10x	0.0403687	0.09365432	7.01E-05
7w11w_SITTD3_AGGAATAGTCTTGCTC-1-10x	0.07708385	0.22438015	0.0022191
7w11w_SITTD3_AGGAATAGTTGTGCCG-1-10x	0.07638243	0.2218827	0.0020486
7w11w_SITTD3_AGGACGAAGCAAACAT-1-10x	0.0379059	0.08488543	6.07E-05
7w11w_SITTD3_AGGACGAGTTCGGTTA-1-10x	0.01625803	0.00780726	3.33E-05
7w11w_SITTD3_AGGACTTAGCGGCTCT-1-10x	0.0339505	0.07080207	5.17E-05
7w11w_SITTD3_AGGATAAAGATTACCC-1-10x	0.10241646	0.31457794	0.0039137
7w11w_SITTD3_AGGATCTGTGCGAGTA-1-10x	0.26677087	0.89976865	0.00075831
7w11w_SITTD3_AGGCATTGTAACATAAG-1-10x	0.08666581	0.2584971	0.0039187
7w11w_SITTD3_AGGCCACCATGTCGTA-1-10x	0.04510034	0.11050152	9.39E-05
7w11w_SITTD3_AGGCCACGTTATGTGC-1-10x	0.04839875	0.12224565	0.00012523
7w11w_SITTD3_AGGGAGTAGTTTCGAC-1-10x	0.04157934	0.09796485	7.40E-05

7w11w_SITTD3_AGGGCCTTCCCTCTCC-1-10x	0.06271036	0.17320274	0.00052741
7w11w_SITTD3_AGGGCTCGTCGACTGC-1-10x	0.02256188	0.0302524	3.76E-05
7w11w_SITTD3_AGGGTCTCCCTCGTA-1-10x	0.25640061	0.8628449	0.00078463
7w11w_SITTD3_AGGGTCTCTCATTAC-1-10x	0.16782959	0.5474841	0.0016902
7w11w_SITTD3_AGGGTGAGTGCCTTCT-1-10x	0.03678241	0.0808852	5.82E-05
7w11w_SITTD3_AGGTCATAGCACCTGC-1-10x	0.20567454	0.6822326	0.001143
7w11w_SITTD3_AGTACTGAGTTCACTG-1-10x	0.212982	0.7082511	0.0010778
7w11w_SITTD3_AGTACTGCAGTGAGCA-1-10x	0.20850614	0.6923146	0.0011177
7w11w_SITTD3_AGTAGCTGTGACTCTA-1-10x	0.2201054	0.73361427	0.0010253
7w11w_SITTD3_AGTAGTCTCTTTGCTA-1-10x	0.1847894	0.6078702	0.0013959
7w11w_SITTD3_AGTCAACCAACGACAG-1-10x	0.274772	0.9282569	0.00075218
7w11w_SITTD3_AGTGACTAGGTCGTAG-1-10x	0.18497512	0.6085315	0.0013959
7w11w_SITTD3_AGTGATCAGGATACAT-1-10x	0.19523495	0.645062	0.0012511
7w11w_SITTD3_AGTGCCGAGTGTTGAA-1-10x	0.03255384	0.0658292	5.00E-05
7w11w_SITTD3_AGTGCCGCAGCTGTAT-1-10x	0.27296358	0.9218181	0.0007526
7w11w_SITTD3_AGTTAGCAGCGAGAAA-1-10x	0.26640758	0.8984751	0.00075831
7w11w_SITTD3_AGTTAGCCAAAGCAAT-1-10x	0.20950903	0.6958855	0.0011095
7w11w_SITTD3_AGTTAGCTCACTGTCC-1-10x	0.05454666	0.14413553	0.00021164
7w11w_SITTD3_AGTTCCCAGCCGTCGT-1-10x	0.03911197	0.08917967	6.67E-05
7w11w_SITTD3_ATACCTTGTCTTTGCTA-1-10x	0.04905845	0.12459453	0.00012523
7w11w_SITTD3_ATACCTTGTCTTTGCC-1-10x	0.07664209	0.22280724	0.0022191
7w11w_SITTD3_ATAGACCAGTTCACTG-1-10x	0.03652278	0.07996075	5.82E-05
7w11w_SITTD3_ATAGAGATCTCGCGTT-1-10x	0.0364711	0.07977673	5.82E-05
7w11w_SITTD3_ATAGGCTTCGCTCTAC-1-10x	0.08315113	0.24598294	0.0034742
7w11w_SITTD3_ATCACGAAGAAGCCTG-1-10x	0.0572334	0.1537018	0.00028394
7w11w_SITTD3_ATCAGGTGTAACGATA-1-10x	0.18436517	0.6063597	0.0014112
7w11w_SITTD3_ATCATTCCAGATCACT-1-10x	0.18179365	0.5972037	0.0014427
7w11w_SITTD3_ATCCGTCAGCTAGTTC-1-10x	0.04133998	0.09711261	7.40E-05
7w11w_SITTD3_ATCGGCGAGTCTGGTT-1-10x	0.20004775	0.6621982	0.0011985
7w11w_SITTD3_ATCGTAGCAACAAAGT-1-10x	0.20122781	0.66639984	0.0011888
7w11w_SITTD3_ATCTCTACAGAGTTCT-1-10x	0.27665544	0.93496305	0.00075222
7w11w_SITTD3_ATCTTCACACCGTGGT-1-10x	0.02489995	0.0385772	4.00E-05
7w11w_SITTD3_ATCTTCATCCGGACTG-1-10x	0.04061607	0.09453511	7.01E-05
7w11w_SITTD3_ATGAAAGTCAATCGGT-1-10x	0.05271309	0.13760705	0.00017575
7w11w_SITTD3_ATGACCAAGTTAGTAG-1-10x	0.05449171	0.1439399	0.00021164
7w11w_SITTD3_ATGACCACAGATAAAC-1-10x	0.05380723	0.14150277	0.00019264
7w11w_SITTD3_ATGACCAGTTCTCGCT-1-10x	0.03870709	0.0877381	6.36E-05
7w11w_SITTD3_ATGAGTCTCAAGCCCG-1-10x	0.03711363	0.08206452	6.07E-05
7w11w_SITTD3_ATGATCGCACCTTAC-1-10x	0.10191382	0.31278828	0.0039137
7w11w_SITTD3_ATGCATGCATGAATAG-1-10x	0.25411928	0.85472214	0.00079207
7w11w_SITTD3_ATGCATGTCGAGATAA-1-10x	0.22159716	0.73892576	0.0010106

7w11w_SITTD3_ATGCCTCGTTGATGTC-1-10x	0.24656713	0.8278324	0.0008292
7w11w_SITTD3_ATGCGATAGGACGCTA-1-10x	0.03284904	0.06688025	5.00E-05
7w11w_SITTD3_ATGCGATCAGTGAGCA-1-10x	0.22663325	0.756857	0.00097406
7w11w_SITTD3_ATGCGATTCTCTTAAC-1-10x	0.2788912	0.9429236	0.00075266
7w11w_SITTD3_ATGGAGGAGTGGACGT-1-10x	0.02554322	0.04086759	4.00E-05
7w11w_SITTD3_ATGGTTGCAAGGGCAT-1-10x	0.04728755	0.11828917	0.00010777
7w11w_SITTD3_ATGTCTTAGTAAAGCT-1-10x	0.10658927	0.3294354	0.0034182
7w11w_SITTD3_ATGTCTTCATGCTGCG-1-10x	0.09521397	0.28893316	0.0044051
7w11w_SITTD3_ATGTCTTCCATTGGA-1-10x	0.04221027	0.10021131	7.82E-05
7w11w_SITTD3_ATTACTCCAAAGACGC-1-10x	0.0777399	0.22671604	0.0023954
7w11w_SITTD3_ATTATCCAGGCGATAC-1-10x	0.065621	0.18356618	0.00072102
7w11w_SITTD3_ATTCCATTCAGGCGAA-1-10x	0.10041222	0.30744177	0.0040879
7w11w_SITTD3_ATTCCCGTCGTTGTAG-1-10x	0.15843259	0.5140257	0.0018209
7w11w_SITTD3_ATTGGGTTCTAAACG-1-10x	0.0167638	0.0096081	3.38E-05
7w11w_SITTD3_ATTGTTCTCCAAGTAG-1-10x	0.26978695	0.9105075	0.00075499
7w11w_SITTD3_ATTTACCGTTCGGTAT-1-10x	0.04923492	0.12522288	0.00012523
7w11w_SITTD3_ATTTACCTCCTTCTGG-1-10x	0.24451865	0.8205387	0.00084583
7w11w_SITTD3_ATTTCACGTGATTCAC-1-10x	0.23062149	0.77105725	0.00093779
7w11w_SITTD3_ATTTCTGGTTCAAGGG-1-10x	0.09123492	0.2747656	0.0043535
7w11w_SITTD3_CAAAGAAAGTATGAGT-1-10x	0.04146216	0.09754764	7.40E-05
7w11w_SITTD3_CAACGATAGGTAAGGA-1-10x	0.02909205	0.05350335	4.42E-05
7w11w_SITTD3_CAACGATTCTGGTGCG-1-10x	0.10682916	0.33028954	0.0034182
7w11w_SITTD3_CAAGAGGCACCCTTGT-1-10x	0.08398221	0.24894202	0.0034742
7w11w_SITTD3_CAATACGAGTATGCAA-1-10x	0.01965432	0.0198999	3.55E-05
7w11w_SITTD3_CACACAAGTCTTCGAA-1-10x	0.05106836	0.13175093	0.00014746
7w11w_SITTD3_CACGAATAGGAGACCT-1-10x	0.06310306	0.17460096	0.00052741
7w11w_SITTD3_CACGGGTCAATTCGTG-1-10x	0.03038652	0.05811237	4.55E-05
7w11w_SITTD3_CACGTGGAGCATTTCG-1-10x	0.04344348	0.10460219	8.29E-05
7w11w_SITTD3_CACTGAATCATTTGTC-1-10x	0.0179058	0.01367422	3.44E-05
7w11w_SITTD3_CACTTCGTCTCGTCAC-1-10x	0.23919886	0.80159736	0.00087632
7w11w_SITTD3_CAGAGCCAGGATAATC-1-10x	0.01957362	0.01961258	3.55E-05
7w11w_SITTD3_CAGAGCCCAAACACGG-1-10x	0.18613958	0.6126776	0.0013809
7w11w_SITTD3_CAGAGCCTCATTGCTT-1-10x	0.22773708	0.7607872	0.00096676
7w11w_SITTD3_CAGCACGAGCATGATA-1-10x	0.03068501	0.05917515	4.68E-05
7w11w_SITTD3_CAGCACGAGTTGCATC-1-10x	0.12947904	0.41093537	0.0019639
7w11w_SITTD3_CAGCCAGGTGCCCGTA-1-10x	0.05490363	0.14540656	0.00021164
7w11w_SITTD3_CAGCGTGCAGAACTAA-1-10x	0.2321105	0.77635896	0.00093066
7w11w_SITTD3_CAGGCCAAGTCGCTAT-1-10x	0.05457295	0.14422916	0.00021164
7w11w_SITTD3_CAGGCCACACGGTGTC-1-10x	0.21134183	0.70241123	0.0010934
7w11w_SITTD3_CAGGCCAGTGCCTTCT-1-10x	0.26657274	0.8990632	0.00075831
7w11w_SITTD3_CAGTGCGCACACGTGC-1-10x	0.12642667	0.4000673	0.0020256

7w11w_SITTD3_CAGTGCGTCTACGGTA-1-10x	0.19652402	0.6496518	0.00124
7w11w_SITTD3_CAGTTCCAGTGGCTC-1-10x	0.06261759	0.17287241	0.00052741
7w11w_SITTD3_CATAAGCCAAGCTACT-1-10x	0.28179184	0.9532514	0.00075401
7w11w_SITTD3_CATACAGAGTAGTGCG-1-10x	0.04232389	0.10061584	7.82E-05
7w11w_SITTD3_CATACCCAGAGTGTG-1-10x	0.1710735	0.55903417	0.0016421
7w11w_SITTD3_CATACCTCTGCGATA-1-10x	0.20512107	0.68026197	0.0011518
7w11w_SITTD3_CATAGACGTACGGATG-1-10x	0.10224009	0.31394997	0.0039137
7w11w_SITTD3_CATCAAGCATATACCG-1-10x	0.13643672	0.4357085	0.0018891
7w11w_SITTD3_CATGCCTTCGATTGAC-1-10x	0.13219108	0.4205917	0.0019219
7w11w_SITTD3_CATGCGGAGGCCTTGC-1-10x	0.05380458	0.14149334	0.00019264
7w11w_SITTD3_CATGCTCCAGATCCAT-1-10x	0.09348718	0.28278488	0.0044154
7w11w_SITTD3_CATGCTCTCGGCATCG-1-10x	0.09919	0.30309	0.0041652
7w11w_SITTD3_CATTCAATCAATCGCAT-1-10x	0.10949142	0.33976862	0.0031181
7w11w_SITTD3_CATTCCGCACTAAACC-1-10x	0.05402509	0.14227846	0.00021164
7w11w_SITTD3_CATTGCCTCATTTGTC-1-10x	0.04671646	0.11625577	0.00010777
7w11w_SITTD3_CATTGTTGTACTAGCT-1-10x	0.08904833	0.26698017	0.0042295
7w11w_SITTD3_CCACAAACATCCGATA-1-10x	0.19296868	0.6369929	0.0012861
7w11w_SITTD3_CCACGAGCAGCTGTAT-1-10x	0.19450565	0.6424653	0.0012624
7w11w_SITTD3_CCCATTGGTCTTTCAT-1-10x	0.01723103	0.0112717	3.38E-05
7w11w_SITTD3_CCCATTGTCAGCATTG-1-10x	0.01654716	0.00883672	3.38E-05
7w11w_SITTD3_CCCGAAGAGGTCGAGT-1-10x	0.24637796	0.8271588	0.00083459
7w11w_SITTD3_CCCTCAACATCCTTGC-1-10x	0.08565976	0.254915	0.0037839
7w11w_SITTD3_CCCTTAGGTCCACGCA-1-10x	0.01665427	0.0092181	3.38E-05
7w11w_SITTD3_CCGAACGCATTGTAGC-1-10x	0.02334556	0.03304271	3.83E-05
7w11w_SITTD3_CCGCAAGTCCAGGACC-1-10x	0.05574292	0.1483949	0.000233
7w11w_SITTD3_CCGGACAAGGTCCTG-1-10x	0.10735964	0.33217835	0.0034182
7w11w_SITTD3_CCGGACAGTGCGGTAA-1-10x	0.23979993	0.80373746	0.00087632
7w11w_SITTD3_CCGGTAGAGGCCATAG-1-10x	0.27983773	0.9462937	0.00075303
7w11w_SITTD3_CCGTAGGCAAACACCT-1-10x	0.03217251	0.06447145	4.83E-05
7w11w_SITTD3_CCGTGAGGTTAAGGAT-1-10x	0.03060237	0.05888089	4.68E-05
7w11w_SITTD3_CCTAAGACATACTGAC-1-10x	0.17338626	0.56726885	0.0015922
7w11w_SITTD3_CCTCACATCTTGGTGA-1-10x	0.01783305	0.0134152	3.44E-05
7w11w_SITTD3_CCTCCAAGTTTAGTCG-1-10x	0.17131123	0.5598806	0.0016421
7w11w_SITTD3_CCTCTCCAGATTGCGG-1-10x	0.28124237	0.951295	0.00075348
7w11w_SITTD3_CCTTCAGCATCTCGTC-1-10x	0.12229714	0.38536394	0.0021873
7w11w_SITTD3_CCTTTGGCATGGGATG-1-10x	0.04379499	0.10585377	8.81E-05
7w11w_SITTD3_CGAAGGAAGGGATCGT-1-10x	0.07860997	0.22981393	0.002576
7w11w_SITTD3_CGAAGTTTCGACCAAT-1-10x	0.04488724	0.10974276	9.39E-05
7w11w_SITTD3_CGAATTGGTGCCTGCA-1-10x	0.09543161	0.2897081	0.0043808
7w11w_SITTD3_CGACAGCGTTCGGTTC-1-10x	0.0607029	0.16605508	0.00042799
7w11w_SITTD3_CGAGAAGAGTCCCAAT-1-10x	0.0368236	0.08103184	5.82E-05

7w11w_SITTD3_CGAGAAGGTATCGTGT-1-10x	0.02073057	0.02373193	3.62E-05
7w11w_SITTD3_CGAGGAAAGTTTGGCT-1-10x	0.04354136	0.10495073	8.29E-05
7w11w_SITTD3_CGAGGCTCACGACAAG-1-10x	0.08349565	0.24720961	0.0034742
7w11w_SITTD3_CGATGCGCATGTCAGT-1-10x	0.09342448	0.28256163	0.0044107
7w11w_SITTD3_CGATGGCCATCAGTCA-1-10x	0.20475912	0.6789732	0.0011518
7w11w_SITTD3_CGCGTGACACACACGC-1-10x	0.11740711	0.36795276	0.002453
7w11w_SITTD3_CGGAACCCAGGTGTGA-1-10x	0.14000154	0.44840118	0.001875
7w11w_SITTD3_CGGACACAGAGGTCGT-1-10x	0.07708043	0.22436796	0.0022191
7w11w_SITTD3_CGGAGAATCTGGGCAC-1-10x	0.22326005	0.7448465	0.00099599
7w11w_SITTD3_CGGGTCACACTCCCTA-1-10x	0.26307958	0.88662565	0.00076511
7w11w_SITTD3_CGGGTCATCTTTGCTA-1-10x	0.0174581	0.01208017	3.44E-05
7w11w_SITTD3_CGGGTGTAGCTCGTGC-1-10x	0.1157857	0.3621797	0.002594
7w11w_SITTD3_CGGGTGTGCTACTTAG-1-10x	0.08739296	0.26108617	0.0040384
7w11w_SITTD3_CGTAATGTCAAAGGAT-1-10x	0.02178338	0.0274805	3.69E-05
7w11w_SITTD3_CGTCAAAGCGCCATC-1-10x	0.0715236	0.20458265	0.0013138
7w11w_SITTD3_CGTGAATAGATTTGCC-1-10x	0.09768713	0.29773897	0.0042943
7w11w_SITTD3_CGTGAATCAAACCCA-1-10x	0.2537492	0.8534044	0.00079608
7w11w_SITTD3_CGTTAGATCTCGACGG-1-10x	0.02951411	0.0550061	4.42E-05
7w11w_SITTD3_CGTTGGGCACGCGCAT-1-10x	0.123459	0.38950077	0.0021479
7w11w_SITTD3_CTACATTGTTCAAGGG-1-10x	0.1802804	0.5918157	0.001475
7w11w_SITTD3_CTACGGGCACATTGTG-1-10x	0.04707809	0.11754339	0.00010777
7w11w_SITTD3_CTATCCGAGCCTTTGA-1-10x	0.0863975	0.25754178	0.0039187
7w11w_SITTD3_CTATCCGCAATTGGTC-1-10x	0.04044082	0.0939111	7.01E-05
7w11w_SITTD3_CTCAACCAGGCATCTT-1-10x	0.03683851	0.08108493	5.82E-05
7w11w_SITTD3 CTCATCGGTACGTGTT-1-10x	0.09094191	0.27372235	0.0043535
7w11w_SITTD3 CTCATCGGTCATAACC-1-10x	0.14750464	0.4751163	0.0018716
7w11w_SITTD3 CTCATTAAGCACTAGG-1-10x	0.12283786	0.38728917	0.0021479
7w11w_SITTD3 CTCATTAGTGCATCTA-1-10x	0.02197295	0.02815549	3.69E-05
7w11w_SITTD3 CTCCCAATCTGCAGCG-1-10x	0.04848348	0.12254732	0.00012523
7w11w_SITTD3 CTCCCTCAGCATTTGC-1-10x	0.07669648	0.2230009	0.0022191
7w11w_SITTD3 CTCCGATGTAGACGTG-1-10x	0.05276059	0.13777618	0.00017575
7w11w_SITTD3 CTCGAGGCATCTTCGC-1-10x	0.27157423	0.9168712	0.00075352
7w11w_SITTD3 CTCTCAGCACCTCTA-1-10x	0.13176724	0.41908264	0.001934
7w11w_SITTD3 CTCTCAGCATAGATCC-1-10x	0.03792043	0.08493716	6.07E-05
7w11w_SITTD3 CTCTGGTCCCTGGTT-1-10x	0.09876799	0.3015874	0.0042345
7w11w_SITTD3 CTGAGGCAGCTGAGCA-1-10x	0.04479615	0.10941843	9.39E-05
7w11w_SITTD3 CTGATCCAGTAATCCC-1-10x	0.2215108	0.73861825	0.0010106
7w11w_SITTD3 CTGCAGGGTTAGCGGA-1-10x	0.24277914	0.81434506	0.00085764
7w11w_SITTD3 CTGCCTATCCGAGATT-1-10x	0.17558143	0.5750848	0.0015585
7w11w_SITTD3 CTGCCTATCGAACGGA-1-10x	0.03455334	0.07294849	5.37E-05
7w11w_SITTD3 CTGCGAGTCTCTCAA-1-10x	0.2140329	0.7119929	0.0010701

7w11w_SITTD3_CTGCTCAGTTAAGCAA-1-10x	0.23487405	0.7861987	0.00090964
7w11w_SITTD3_CTGGCAGGTTTGTGGT-1-10x	0.02895067	0.05299996	4.42E-05
7w11w_SITTD3_CTGTACCAGAGAATCT-1-10x	0.05536384	0.14704514	0.000233
7w11w_SITTD3_CTGTACCACAAGTGG-1-10x	0.01990394	0.02078868	3.55E-05
7w11w_SITTD3_CTGTCTGTGTTTCGAT-1-10x	0.21658123	0.7210663	0.0010475
7w11w_SITTD3_CTGTCTTCTGCGTCT-1-10x	0.2003452	0.6632573	0.0011985
7w11w_SITTD3_CTGTGAAAGTAGGGTC-1-10x	0.17422503	0.57025534	0.0015753
7w11w_SITTD3_CTTACCGTCTGTCGA-1-10x	0.26259997	0.884918	0.00076511
7w11w_SITTD3_CTTAGGAAGAAGGATG-1-10x	0.05960293	0.16213861	0.00034795
7w11w_SITTD3_CTTAGGAGTGCTGTCG-1-10x	0.20319828	0.6734158	0.0011699
7w11w_SITTD3_CTTCCGACAGCGTTGC-1-10x	0.04267431	0.10186356	7.82E-05
7w11w_SITTD3_CTTCTTCAAGGGTCA-1-10x	0.04819092	0.12150566	0.00011598
7w11w_SITTD3_CTTTCAAAGTCCTGCG-1-10x	0.08132185	0.2394697	0.0031253
7w11w_SITTD3_CTTTCAAGTACGCTTA-1-10x	0.13816376	0.4418577	0.0018802
7w11w_SITTD3_CTTTCGGCACGGCGTT-1-10x	0.02805582	0.0498138	4.30E-05
7w11w_SITTD3_GAAGCGAAGTACGAGC-1-10x	0.09406105	0.2848282	0.0044154
7w11w_SITTD3_GAAGCGAGTTTAGACC-1-10x	0.26834294	0.90536606	0.00075594
7w11w_SITTD3_GAAGCGATCCTCTCTT-1-10x	0.06088359	0.16669844	0.00042799
7w11w_SITTD3_GAAGTAACACGGCTAC-1-10x	0.2481284	0.83339137	0.00082396
7w11w_SITTD3_GAATAGACAGATTCGT-1-10x	0.21182804	0.7041424	0.0010856
7w11w_SITTD3_GAATCGTCAACATACC-1-10x	0.22853386	0.7636242	0.00095947
7w11w_SITTD3_GACATCAGTTGTCCCT-1-10x	0.14416108	0.4632114	0.0018716
7w11w_SITTD3_GACCAATGTTGTGCAT-1-10x	0.01621767	0.00766356	3.33E-05
7w11w_SITTD3_GACCCCTAGTCATCCA-1-10x	0.03136835	0.0616082	4.68E-05
7w11w_SITTD3_GACCGTGGTTAGTCGT-1-10x	0.08032276	0.2359124	0.0029431
7w11w_SITTD3_GACCTCCAATCCTAG-1-10x	0.04450708	0.10838918	8.81E-05
7w11w_SITTD3_GACGTTAGTCATAAAG-1-10x	0.04927434	0.12536322	0.00012523
7w11w_SITTD3_GACTATGAGGAACATT-1-10x	0.04562603	0.11237325	0.00010046
7w11w_SITTD3_GACTATGCAGCACGAA-1-10x	0.03125522	0.06120538	4.68E-05
7w11w_SITTD3_GACTGATAGGGAGTGG-1-10x	0.2177666	0.7252869	0.00104
7w11w_SITTD3_GAGAAATCAACGTAAA-1-10x	0.28363225	0.9598043	0.00075531
7w11w_SITTD3_GAGACCCTACCATAG-1-10x	0.07351773	0.21168284	0.0015819
7w11w_SITTD3_GAGACTTGTATGCTTG-1-10x	0.27625373	0.9335328	0.00075214
7w11w_SITTD3_GAGACTTTCCATAAGC-1-10x	0.18937209	0.62418705	0.0013244
7w11w_SITTD3_GAGAGGTTTCGTAGAGG-1-10x	0.23780358	0.79662937	0.00088935
7w11w_SITTD3_GAGGCAAGTGTACATC-1-10x	0.13075945	0.41549432	0.001948
7w11w_SITTD3_GAGGGATGTTGTGTTG-1-10x	0.15488657	0.50139993	0.0018522
7w11w_SITTD3_GAGGGATTCCCAACTC-1-10x	0.28112605	0.9508809	0.00075348
7w11w_SITTD3_GAGGGATTCCAGCGA-1-10x	0.04527135	0.11111104	9.39E-05
7w11w_SITTD3_GAGGGTAAGATTAGAC-1-10x	0.25428033	0.85529554	0.00079207
7w11w_SITTD3_GAGTGTTTCAGTTTGGT-1-10x	0.2694847	0.90943134	0.00075499

7w11w_SITTD3_GAGTTTGCAGAATTCC-1-10x	0.0233788	0.03316107	3.83E-05
7w11w_SITTD3_GAGTTTGTCTGTGCTC-1-10x	0.0492051	0.1251167	0.00012523
7w11w_SITTD3_GATAGCTGTGCGTTG-1-10x	0.02252109	0.03010715	3.76E-05
7w11w_SITTD3_GATCAGTTCGAACTCA-1-10x	0.03441145	0.07244327	5.37E-05
7w11w_SITTD3_GATGACTCACTTCCTG-1-10x	0.05110558	0.13188343	0.00014746
7w11w_SITTD3_GATGAGGAGTTCATGC-1-10x	0.04473919	0.10921563	9.39E-05
7w11w_SITTD3_GATGAGGGTCGTCGGT-1-10x	0.1564078	0.5068163	0.0018385
7w11w_SITTD3_GATGCTACAGAGATTA-1-10x	0.17529847	0.57407737	0.0015585
7w11w_SITTD3_GATGGAGTCACTCACC-1-10x	0.02586045	0.04199709	4.09E-05
7w11w_SITTD3_GATTTCGAGTGATTGGG-1-10x	0.04517963	0.11078385	9.39E-05
7w11w_SITTD3_GATTCTTGTCATGGCC-1-10x	0.1334187	0.4249627	0.0019115
7w11w_SITTD3_GATTGGTGTGAGTTT-1-10x	0.2710299	0.914933	0.00075352
7w11w_SITTD3_GATTTCTTCATAGAGA-1-10x	0.10318521	0.3173151	0.0038193
7w11w_SITTD3_GCAACATCAATACCCA-1-10x	0.01610294	0.00725508	3.33E-05
7w11w_SITTD3_GCAACCGGTAGCTTGT-1-10x	0.01515227	0.00387016	3.27E-05
7w11w_SITTD3_GCACATAAGAACTAC-1-10x	0.03171964	0.062859	4.83E-05
7w11w_SITTD3_GCACGTGAGTAAGGGA-1-10x	0.2501788	0.8406919	0.00081397
7w11w_SITTD3_GCATCGGAGAATTCAG-1-10x	0.29063657	0.9847435	0.00076163
7w11w_SITTD3_GCATTAGAGCCGTTAT-1-10x	0.21267854	0.7071706	0.0010856
7w11w_SITTD3_GCCAGGTTGTTAGAC-1-10x	0.12965702	0.4115691	0.0019639
7w11w_SITTD3_GCCAGTGGTACTCGC-1-10x	0.19452295	0.6425269	0.0012624
7w11w_SITTD3_GCCATTCTGACGTCG-1-10x	0.28358018	0.9596189	0.00075531
7w11w_SITTD3_GCCGAGAAGACATCCT-1-10x	0.2840396	0.9612546	0.00075531
7w11w_SITTD3_GCCTGTTGTACCTATG-1-10x	0.01633867	0.0080944	3.33E-05
7w11w_SITTD3_GCGGATCGTGACGCCT-1-10x	0.11134508	0.34636867	0.002929
7w11w_SITTD3_GCTACAAGTATTTCCG-1-10x	0.04129734	0.09696079	7.40E-05
7w11w_SITTD3_GCTTTGTC AACACGT-1-10x	0.01525005	0.00421831	3.27E-05
7w11w_SITTD3_GGAATCTGTACTTCCC-1-10x	0.07380626	0.21271017	0.0017292
7w11w_SITTD3_GGAGAACTCCGAAATC-1-10x	0.15205169	0.49130625	0.0018651
7w11w_SITTD3_GGAGATGTCTACCTTA-1-10x	0.24979413	0.8393222	0.00081397
7w11w_SITTD3_GGAGGTAAGCACGATG-1-10x	0.05261104	0.13724369	0.00017575
7w11w_SITTD3_GGATGTTTCCCGGTAG-1-10x	0.21148606	0.7029247	0.0010934
7w11w_SITTD3_GGATGTTTCTCTTTC-1-10x	0.08890993	0.2664874	0.0042295
7w11w_SITTD3_GGATGTTTCGCCGAAC-1-10x	0.20907095	0.6943257	0.0011095
7w11w_SITTD3_GGCACGTTCCCGTTGT-1-10x	0.0819296	0.24163364	0.0031253
7w11w_SITTD3_GGCAGTCGTTAGCGGA-1-10x	0.0323323	0.06504039	4.83E-05
7w11w_SITTD3_GGGACAACAACCACGC-1-10x	0.22260271	0.7425061	0.0010033
7w11w_SITTD3_GGGACAACAGCTTCGG-1-10x	0.230657	0.77118367	0.00093779
7w11w_SITTD3_GGGAGTAGTAGTGGCA-1-10x	0.04042191	0.09384377	7.01E-05
7w11w_SITTD3_GGGAGTATCAACTACG-1-10x	0.04688828	0.11686757	0.00010777
7w11w_SITTD3_GGGAGTATCAGCTGAT-1-10x	0.13666734	0.43652964	0.0018842

7w11w_SITTD3_GGGATCCAGTCATGGG-1-10x	0.10253432	0.3149976	0.0039137
7w11w_SITTD3_GGGCCATAGCTGCGAA-1-10x	0.2654131	0.89493424	0.00075974
7w11w_SITTD3_GGGCCATCATCGTGCG-1-10x	0.13739738	0.43912897	0.0018842
7w11w_SITTD3_GGGCGTTTCTCTCAA-1-10x	0.07916908	0.23180468	0.002576
7w11w_SITTD3_GGGCGTTTCTTGCGC-1-10x	0.04623424	0.11453882	0.00010046
7w11w_SITTD3_GGGCTACTCGTAGCCG-1-10x	0.23980744	0.8037642	0.00087632
7w11w_SITTD3_GGGTATTAGCGACAGT-1-10x	0.031855	0.06334095	4.83E-05
7w11w_SITTD3_GGGTCACAGAAATCCA-1-10x	0.21972018	0.7322427	0.0010253
7w11w_SITTD3_GGGTGTCAGAAAGCGA-1-10x	0.26801395	0.9041947	0.00075705
7w11w_SITTD3_GGGTTATCAGCTGAAG-1-10x	0.2819809	0.9539246	0.00075401
7w11w_SITTD3_GGTAATCCATAACCCA-1-10x	0.01735699	0.01172015	3.44E-05
7w11w_SITTD3_GGTCACGAGTCTACCA-1-10x	0.23862809	0.7995651	0.00088278
7w11w_SITTD3_GGTCTGGTCTCTATGT-1-10x	0.11296029	0.3521197	0.0028393
7w11w_SITTD3_GGTGATTCATAGAGGC-1-10x	0.04829089	0.12186161	0.00011598
7w11w_SITTD3_GGTGGCTAGATTAGAC-1-10x	0.27782595	0.9391307	0.00075239
7w11w_SITTD3_GGTGTGCGAGTACCGGA-1-10x	0.01602126	0.00696426	3.33E-05
7w11w_SITTD3_GGTGTGCGTCAGCGCAC-1-10x	0.2247882	0.7502876	0.00098869
7w11w_SITTD3_GGTTAACAGCATACTC-1-10x	0.01962569	0.01979798	3.55E-05
7w11w_SITTD3_GTAACCACATGACAGG-1-10x	0.15480807	0.50112045	0.0018522
7w11w_SITTD3_GTAAGTCGTAGGTAGC-1-10x	0.02575252	0.0416128	4.00E-05
7w11w_SITTD3_GTACAACCATGCCGCA-1-10x	0.07975088	0.23387621	0.0027593
7w11w_SITTD3_GTAGAGGTCGCTCTCA-1-10x	0.2706061	0.91342413	0.00075418
7w11w_SITTD3_GTAGGAGTCATTACCT-1-10x	0.08624015	0.25698152	0.0039187
7w11w_SITTD3_GTAGGTTTCAGCGTACC-1-10x	0.08350194	0.24723202	0.0034742
7w11w_SITTD3_GTAGGTTTCATACAGC-1-10x	0.11371464	0.35480556	0.0027534
7w11w_SITTD3_GTATTGGTCCAAGCTA-1-10x	0.24940768	0.8379463	0.00081397
7w11w_SITTD3_GTATTTCCAGACGCTC-1-10x	0.10267075	0.31548336	0.0039137
7w11w_SITTD3_GTCAGCGAGCATATGA-1-10x	0.1732985	0.56695634	0.0015922
7w11w_SITTD3_GTCAGCGAGGGCTAAC-1-10x	0.01517889	0.00396494	3.27E-05
7w11w_SITTD3_GTCAGCGTCAAGATAG-1-10x	0.14682095	0.47268197	0.0018717
7w11w_SITTD3_GTCATCCGTTTATGCG-1-10x	0.2645157	0.891739	0.00076135
7w11w_SITTD3_GTCATGAGTCGTTTCC-1-10x	0.26454726	0.89185137	0.00076135
7w11w_SITTD3_GTCGCGATCCCAGGAC-1-10x	0.12642834	0.40007323	0.0020256
7w11w_SITTD3_GTCGTAAAGTTGTAGA-1-10x	0.06934574	0.19682829	0.0010821
7w11w_SITTD3_GTCGTTCCAGTCGGTC-1-10x	0.01698409	0.01039244	3.38E-05
7w11w_SITTD3_GTGAGGAAGTGGTTGG-1-10x	0.09468019	0.28703263	0.0044051
7w11w_SITTD3_GTGAGGACAAGGCAAC-1-10x	0.25629398	0.86246526	0.00078463
7w11w_SITTD3_GTGAGGATCCGTGTCT-1-10x	0.0278837	0.04920097	4.30E-05
7w11w_SITTD3_GTGAGGATCGTTCTAT-1-10x	0.01927074	0.01853414	3.55E-05
7w11w_SITTD3_GTGCGTGAGCGATGGT-1-10x	0.02093813	0.02447096	3.62E-05
7w11w_SITTD3_GTGCTGGCATTACAG-1-10x	0.02961678	0.05537165	4.55E-05

7w11w_SITTD3_GTGCTGGTCTATACGG-1-10x	0.24976178	0.83920705	0.00081397
7w11w_SITTD3_GTGCTTCCAGAACCGA-1-10x	0.02079667	0.02396729	3.62E-05
7w11w_SITTD3_GTGGAGACAGCGGATA-1-10x	0.21270508	0.70726514	0.0010856
7w11w_SITTD3_GTGGAGAGTGTATTGC-1-10x	0.0492328	0.1252153	0.00012523
7w11w_SITTD3_GTGCGTCAGAGGAAA-1-10x	0.10107187	0.3097905	0.0040036
7w11w_SITTD3_GTGGAAGCGACTTT-1-10x	0.04276911	0.10220107	8.29E-05
7w11w_SITTD3_GTGGAACATCCGATA-1-10x	0.01732213	0.01159606	3.38E-05
7w11w_SITTD3_GTGTAACGTGATAGTA-1-10x	0.03306378	0.06764486	5.00E-05
7w11w_SITTD3_GTGTGATGTGATCGTT-1-10x	0.04861007	0.12299807	0.00012523
7w11w_SITTD3_GTGTGATTCTAGCAAC-1-10x	0.1793562	0.58852506	0.0014915
7w11w_SITTD3_GTGTTCCAGAGAGAAC-1-10x	0.05175779	0.13420567	0.00016076
7w11w_SITTD3_GTGTTCCGTGGCTAGA-1-10x	0.1267225	0.4011206	0.0020256
7w11w_SITTD3_GTTACAGCATGGAACG-1-10x	0.2503139	0.84117293	0.00080923
7w11w_SITTD3_GTTACGAAGGCTAACG-1-10x	0.25817466	0.8691615	0.000778
7w11w_SITTD3_GTTACGAGTTAAGCAA-1-10x	0.26606128	0.8972421	0.00075974
7w11w_SITTD3_GTTAGACAGACGTCCC-1-10x	0.11878456	0.37285724	0.0023898
7w11w_SITTD3_GTTAGACCAACACGTT-1-10x	0.0188191	0.01692607	3.49E-05
7w11w_SITTD3_GTTAGACCAACGGGTA-1-10x	0.1822515	0.5988339	0.0014427
7w11w_SITTD3_GTTAGTGGTTTCGACA-1-10x	0.01922407	0.01836799	3.49E-05
7w11w_SITTD3_GTTCCGTGTGAATAAC-1-10x	0.07350423	0.21163477	0.0015819
7w11w_SITTD3_GTTCTATAGTAATTGG-1-10x	0.01581683	0.00623637	3.33E-05
7w11w_SITTD3_GTTGAACCACGTACAT-1-10x	0.02352898	0.03369579	3.83E-05
7w11w_SITTD3_GTTGAACGTCTCTCCA-1-10x	0.28215426	0.95454186	0.00075401
7w11w_SITTD3_GTTGTGAAGCGGTAGT-1-10x	0.25893074	0.87185353	0.00077499
7w11w_SITTD3_TAACACGCACTAGTAC-1-10x	0.05041488	0.12942417	0.00014746
7w11w_SITTD3_TACAACGCACATAACC-1-10x	0.22291394	0.7436142	0.0010033
7w11w_SITTD3_TACAGGTGTGATTCTG-1-10x	0.10564793	0.32608372	0.0036214
7w11w_SITTD3_TACATTCGTAGGCAGT-1-10x	0.21813418	0.7265957	0.00104
7w11w_SITTD3_TACCCGTAGTATTAGG-1-10x	0.01779463	0.01327841	3.44E-05
7w11w_SITTD3_TACCGGGCATATCTCT-1-10x	0.08804996	0.26342544	0.0041422
7w11w_SITTD3_TACCGGGGTACGTGTT-1-10x	0.03572501	0.07712025	5.58E-05
7w11w_SITTD3_TACGCTCCAAACACGG-1-10x	0.07379173	0.2126584	0.0017292
7w11w_SITTD3_TACGCTCGTTCCTC-1-10x	0.02997642	0.05665217	4.55E-05
7w11w_SITTD3_TACGGGCCAATTCTTC-1-10x	0.07558694	0.21905033	0.001885
7w11w_SITTD3_TACGGGCCAGGAGGAG-1-10x	0.20634913	0.6846345	0.0011344
7w11w_SITTD3_TACGGTAAGTAGTCAA-1-10x	0.03533732	0.07573988	5.58E-05
7w11w_SITTD3_TACGTCCAGGATGCGT-1-10x	0.03457434	0.07302325	5.37E-05
7w11w_SITTD3_TACTGCCTCAGCATTG-1-10x	0.13631007	0.43525755	0.0018891
7w11w_SITTD3_TACTTACCAGGCAATG-1-10x	0.08953098	0.26869866	0.0042295
7w11w_SITTD3_TAGAGTCTCAGGAGAC-1-10x	0.10094456	0.3093372	0.0040879
7w11w_SITTD3_TAGATCGTCTCTGAGA-1-10x	0.17493132	0.57277006	0.0015753

7w11w_SITTD3_TAGGAGGGTAGTGCGA-1-10x	0.26461458	0.8920911	0.00076135
7w11w_SITTD3_TAGGGTTAGAAACCCG-1-10x	0.08280057	0.24473475	0.0033032
7w11w_SITTD3_TAGGGTTGTGATTAGA-1-10x	0.04624951	0.11459319	0.00010046
7w11w_SITTD3_TAGGTACGTTGCTTGA-1-10x	0.25408652	0.8546055	0.00079207
7w11w_SITTD3_TATACCTAGTCCCAGC-1-10x	0.26803723	0.90427756	0.00075705
7w11w_SITTD3_TATATCCAGGCGAACT-1-10x	0.27581063	0.9319551	0.00075214
7w11w_SITTD3_TATATCCCACAAATAG-1-10x	0.0293208	0.05431782	4.42E-05
7w11w_SITTD3_TATCAGGAGACTACCT-1-10x	0.28578818	0.96748054	0.00075686
7w11w_SITTD3_TATCAGGCACGGCTAC-1-10x	0.04004039	0.09248537	7.01E-05
7w11w_SITTD3_TATCCTAAGAAATCCA-1-10x	0.07035476	0.20042095	0.0011935
7w11w_SITTD3_TATCGCCAGGGTAATT-1-10x	0.04169672	0.09838281	7.40E-05
7w11w_SITTD3_TATCGCCCACGCACCA-1-10x	0.29145613	0.98766154	0.00076269
7w11w_SITTD3_TATCTGTAGCTCCACG-1-10x	0.09745218	0.29690242	0.0042943
7w11w_SITTD3_TATCTTGGTTCTTGTT-1-10x	0.04115931	0.09646932	7.40E-05
7w11w_SITTD3_TATGTTCTCTCTTCAA-1-10x	0.04106966	0.09615013	7.40E-05
7w11w_SITTD3_TATTGCTTCAACACGT-1-10x	0.04529275	0.11118661	9.39E-05
7w11w_SITTD3_TATTGCTTCCGTAATG-1-10x	0.07217674	0.20690818	0.0014433
7w11w_SITTD3_TATTGGGCATAGCTGT-1-10x	0.24445014	0.82029474	0.00084583
7w11w_SITTD3_TCACAAGGTTGACTAC-1-10x	0.20688112	0.6865287	0.0011344
7w11w_SITTD3_TCACGCTTCAGGACAG-1-10x	0.03579643	0.07737455	5.58E-05
7w11w_SITTD3_TCACTATAGCGTATAA-1-10x	0.0524933	0.13682447	0.00017575
7w11w_SITTD3_TCACTATTCCAGTGTA-1-10x	0.02093396	0.0244561	3.62E-05
7w11w_SITTD3_TCAGGTAAGTTGAAAC-1-10x	0.02323311	0.03264233	3.83E-05
7w11w_SITTD3_TCAGGTAGTACCACGC-1-10x	0.19381915	0.640021	0.0012741
7w11w_SITTD3_TCAGTCCAGTTGCGAG-1-10x	0.01983996	0.02056089	3.55E-05
7w11w_SITTD3_TCAGTTTCATGAGTAA-1-10x	0.13147984	0.41805935	0.001934
7w11w_SITTD3_TCATCATGTCACTTAG-1-10x	0.18296757	0.6013835	0.0014268
7w11w_SITTD3_TCATGTTCAGACACAG-1-10x	0.04891334	0.12407786	0.00012523
7w11w_SITTD3_TCATTACTCGTGGAAG-1-10x	0.04635173	0.11495714	0.00010046
7w11w_SITTD3_TCATTGTCAAACGAGC-1-10x	0.03779776	0.08450038	6.07E-05
7w11w_SITTD3_TCATTGTCAAGATTGA-1-10x	0.0960221	0.29181057	0.0043808
7w11w_SITTD3_TCATTGTGTAACGTTC-1-10x	0.25897244	0.872002	0.00077499
7w11w_SITTD3_TCATTTGTCACGAGGA-1-10x	0.05531459	0.14686981	0.000233
7w11w_SITTD3_TCCATCGTCCTGCCAT-1-10x	0.09020232	0.27108902	0.0042999
7w11w_SITTD3_TCCATGCAGTCGCCCA-1-10x	0.25582224	0.8607856	0.00078825
7w11w_SITTD3_TCCCAGTAGTTGAAGT-1-10x	0.26732332	0.90173566	0.00075705
7w11w_SITTD3_TCCCAGTCCCATAACC-1-10x	0.02047243	0.02281282	3.62E-05
7w11w_SITTD3_TCCGAAAAGTCTCCTC-1-10x	0.20986563	0.6971552	0.0011095
7w11w_SITTD3_TCCTCCCCAGGTCCGT-1-10x	0.03036458	0.05803422	4.55E-05
7w11w_SITTD3_TCCTCGAGTTATCTTC-1-10x	0.0633359	0.17543001	0.00052741
7w11w_SITTD3_TCCTCTTAGCGCTTCG-1-10x	0.17360185	0.56803644	0.0015922

7w11w_SITTD3_TCCTGCATCTCGCTTG-1-10x	0.01923841	0.01841906	3.55E-05
7w11w_SITTD3_TCCTTCTAGCACTCAT-1-10x	0.04337194	0.10434748	8.29E-05
7w11w_SITTD3_TCGAAGTTCTAAGCCA-1-10x	0.0558238	0.14868286	0.000233
7w11w_SITTD3_TCGACCTAGCACCGAA-1-10x	0.26972887	0.91030073	0.00075499
7w11w_SITTD3_TCGATTTAGCTTCTAG-1-10x	0.22189678	0.73999256	0.0010106
7w11w_SITTD3_TCGCACTTCCGTCCTA-1-10x	0.07339221	0.21123593	0.0015819
7w11w_SITTD3_TCGGGACAGGATCACG-1-10x	0.04032546	0.09350038	7.01E-05
7w11w_SITTD3_TCGGGACCAACAGCTT-1-10x	0.02739955	0.04747712	4.19E-05
7w11w_SITTD3_TCGTCCAGTGTACGCC-1-10x	0.02261203	0.03043095	3.76E-05
7w11w_SITTD3_TCGTCCATCATCGCCT-1-10x	0.10082538	0.30891284	0.0040879
7w11w_SITTD3_TCGTCCATCATGGAGG-1-10x	0.04915185	0.12492707	0.00012523
7w11w_SITTD3_TCGTGCTCATGAAGGC-1-10x	0.08294762	0.24525833	0.0033032
7w11w_SITTD3_TCTAACTCAATTGTGC-1-10x	0.03664063	0.08038037	5.82E-05
7w11w_SITTD3_TCTAACTGTGCCGTAC-1-10x	0.264722	0.8924735	0.00076135
7w11w_SITTD3_TCTACATAGCGTCTGC-1-10x	0.14913556	0.48092324	0.0018705
7w11w_SITTD3_TCTATACCATGGTGGA-1-10x	0.27393937	0.9252924	0.00075233
7w11w_SITTD3_TCTCAGCACTACTTT-1-10x	0.21604635	0.71916187	0.001055
7w11w_SITTD3_TCTCAGCAGATGCTGG-1-10x	0.05829602	0.15748529	0.00031414
7w11w_SITTD3_TCTCAGCCAACCCGCA-1-10x	0.08151636	0.24016225	0.0031253
7w11w_SITTD3_TCTGCCAGTCCTTGTC-1-10x	0.02973547	0.05579426	4.55E-05
7w11w_SITTD3_TCTGCCAGTGAGTGAC-1-10x	0.02106917	0.02493754	3.62E-05
7w11w_SITTD3_TCTTAGTAGGTTGAGG-1-10x	0.14672847	0.4723527	0.0018717
7w11w_SITTD3_TCTTAGTCATGGCACC-1-10x	0.01707819	0.01072749	3.38E-05
7w11w_SITTD3_TCTTCCTTCCGTTGGG-1-10x	0.01949556	0.01933462	3.55E-05
7w11w_SITTD3_TCTTCCTTCGTCCTCA-1-10x	0.08163375	0.24058023	0.0031253
7w11w_SITTD3_TCTTGCGAGTGGAAGA-1-10x	0.08211891	0.24230766	0.0031253
7w11w_SITTD3_TCTTTGAAGGAGTACC-1-10x	0.09176785	0.27666312	0.0043903
7w11w_SITTD3_TGAATGCAGCCAGTAG-1-10x	0.03792007	0.08493588	6.07E-05
7w11w_SITTD3_TGAATGCTCACGATAC-1-10x	0.01575927	0.00603143	3.33E-05
7w11w_SITTD3_TGAGCATGTTTACTTC-1-10x	0.03817548	0.08584525	6.36E-05
7w11w_SITTD3_TGAGGAGAGCTACTAC-1-10x	0.02438488	0.03674327	3.91E-05
7w11w_SITTD3_TGATCAGGTCGATGCC-1-10x	0.04973656	0.12700897	0.00013566
7w11w_SITTD3_TGATCAGTCACTCTTA-1-10x	0.04176356	0.09862077	7.40E-05
7w11w_SITTD3_TGATCAGTCATGGTAC-1-10x	0.01690422	0.01010808	3.38E-05
7w11w_SITTD3_TGATGCAGTCCTCCTA-1-10x	0.02442912	0.03690079	3.91E-05
7w11w_SITTD3_TGCACGGAGGATTTCC-1-10x	0.06392059	0.17751181	0.00058553
7w11w_SITTD3_TGCAGGCAGCACGTCC-1-10x	0.20844516	0.69209754	0.0011177
7w11w_SITTD3_TGCAGGCGTTGGAGAC-1-10x	0.06673389	0.18752868	0.00079936
7w11w_SITTD3_TGCAGGCTCTTTCAGT-1-10x	0.08127097	0.23928855	0.0031253
7w11w_SITTD3_TGCGGCAAGAGGCGTT-1-10x	0.03044571	0.05832309	4.55E-05
7w11w_SITTD3_TGCGGCACAAATGAGT-1-10x	0.0995919	0.304521	0.0041652

7w11w_SITTD3_TGCTGAAAGAAGAGCA-1-10x	0.02793294	0.04937629	4.30E-05
7w11w_SITTD3_TGCTGAATCAAGTTGC-1-10x	0.20997994	0.69756216	0.0011014
7w11w_SITTD3_TGCTGAATCCGTGTCT-1-10x	0.01971919	0.02013087	3.55E-05
7w11w_SITTD3_TGGAGAGAGGGCGAGA-1-10x	0.01721033	0.01119799	3.38E-05
7w11w_SITTD3_TGGCGTGCATGTTTGG-1-10x	0.199125	0.6589127	0.0012085
7w11w_SITTD3_TGGCGTGGTTGGGTAG-1-10x	0.07971656	0.233754	0.0027593
7w11w_SITTD3_TGGGCGTCACTGGCCA-1-10x	0.02285212	0.0312858	3.76E-05
7w11w_SITTD3_TGGTACAGTACCACGC-1-10x	0.28175715	0.9531279	0.00075401
7w11w_SITTD3_TGGTACAGTGACATT-1-10x	0.05482737	0.14513502	0.00021164
7w11w_SITTD3_TGGTACATCGTGTGAT-1-10x	0.27831054	0.9408561	0.00075239
7w11w_SITTD3_TGGTAGTGTATCGTAC-1-10x	0.08482052	0.25192684	0.0036353
7w11w_SITTD3_TGGTAGTTCAATCCGA-1-10x	0.01887837	0.01713709	3.49E-05
7w11w_SITTD3_TGGTGATAGTGACCTT-1-10x	0.12847209	0.4073501	0.0019821
7w11w_SITTD3_TGGTGATTCGCTAGCG-1-10x	0.04010936	0.09273094	7.01E-05
7w11w_SITTD3_TGGTTAGAGGTAGACC-1-10x	0.25724366	0.86584663	0.00078121
7w11w_SITTD3_TGTACAGCAACGCCCA-1-10x	0.25975513	0.8747888	0.00077221
7w11w_SITTD3_TGTACAGTCTCTGCTG-1-10x	0.01864137	0.01629327	3.49E-05
7w11w_SITTD3_TGTCCCAAGCATATGA-1-10x	0.10089786	0.30917093	0.0040879
7w11w_SITTD3_TGTGAGTAGAACCCGA-1-10x	0.0162122	0.00764409	3.33E-05
7w11w_SITTD3_TGTGCGGAGTAAGCAT-1-10x	0.26655155	0.89898777	0.00075831
7w11w_SITTD3_TGTGCGGGTGCCTAA-1-10x	0.08942194	0.2683104	0.0042295
7w11w_SITTD3_TGTTACTAGATAGCTA-1-10x	0.28154078	0.95235753	0.00075401
7w11w_SITTD3_TGTTACTGTGGACTAG-1-10x	0.02779317	0.04887863	4.30E-05
7w11w_SITTD3_TGTTCTAAGGTAGGCT-1-10x	0.06073203	0.16615881	0.00042799
7w11w_SITTD3_TGTTGAGCACTACCGG-1-10x	0.02820574	0.05034759	4.30E-05
7w11w_SITTD3_TTAATCCAGCGAGTAC-1-10x	0.26040834	0.8771146	0.00077221
7w11w_SITTD3_TTACCGTCCACGGGT-1-10x	0.04466092	0.10893696	9.39E-05
7w11w_SITTD3_TTACTGTTGCTAGCG-1-10x	0.14144698	0.45354775	0.0018724
7w11w_SITTD3_TTCATTGGTCTTTATC-1-10x	0.05236926	0.13638283	0.00017575
7w11w_SITTD3_TTCACGAGAAGTCCG-1-10x	0.23936163	0.8021769	0.00087632
7w11w_SITTD3_TTCCTAAAGGGAGGTG-1-10x	0.09244029	0.27905738	0.0043903
7w11w_SITTD3_TTCCTCTAGTAACGTA-1-10x	0.19489887	0.6438654	0.0012511
7w11w_SITTD3_TTCGATTCATCTTTCA-1-10x	0.24680723	0.82868725	0.0008292
7w11w_SITTD3_TTCGGTCTCGCCAGTG-1-10x	0.20694453	0.68675447	0.0011344
7w11w_SITTD3_TTCTCTCCACTTCAAG-1-10x	0.26103944	0.8793616	0.00076963
7w11w_SITTD3_TTCTCTCTCGTGAA-1-10x	0.08426393	0.2499451	0.0036353
7w11w_SITTD3_TTGACCCAGGACAGCT-1-10x	0.04911259	0.12478732	0.00012523
7w11w_SITTD3_TTGCAATTCTGTCGTC-1-10x	0.17262696	0.5645653	0.0016089
7w11w_SITTD3_TTGCGTCAACCGTAT-1-10x	0.0473216	0.11841041	0.00010777
7w11w_SITTD3_TTGCGTCCATCGAGCC-1-10x	0.04266485	0.10182986	7.82E-05
7w11w_SITTD3_TTGGATGCAAGATCCT-1-10x	0.13189068	0.41952214	0.001934

7w11w_SITTD3_TTGGATGCACTGGCCA-1-10x	0.04830613	0.12191586	0.00011598
7w11w_SITTD3_TTGGATGGTTCCATTT-1-10x	0.03305328	0.06760745	5.00E-05
7w11w_SITTD3_TTGGGCGGTACCCAGC-1-10x	0.0431223	0.10345864	8.29E-05
7w11w_SITTD3_TTGGTTTCAAGTACCT-1-10x	0.16280797	0.52960443	0.001776
7w11w_SITTD3_TTGGTTTCACATTACG-1-10x	0.10593821	0.3271173	0.00352
7w11w_SITTD3_TTGTTCAGTTGTTGAC-1-10x	0.23383552	0.7825009	0.00091657
7w11w_SITTD3_TTGTTCGACAAGCCC-1-10x	0.12045295	0.37879762	0.0022788
7w11w_SITTD3_TTTAGTCAGTAAGAGG-1-10x	0.04167721	0.09831332	7.40E-05
7w11w_SITTD3_TTTCACAAGCTTAGTC-1-10x	0.27869892	0.942239	0.00075266
7w11w_SITTD3_TTTCACATCCAGCACG-1-10x	0.05654546	0.15125236	0.000257
7w11w_SITTD3_TTTCATGGTGGAGAAA-1-10x	0.04440299	0.10801857	8.81E-05
7w11w_SITTD3_TTTCCTCCACCTGCGA-1-10x	0.05155345	0.1334781	0.00016076
7w11w_SITTD3_TTTCCTCTCAATCGGT-1-10x	0.26083842	0.8786459	0.00076963
7w11w_SITTD3_TTTCGATAGAGAACCC-1-10x	0.26160896	0.88138944	0.00076727
7w11w_SITTD3_TTTGATCAGAGCAGCT-1-10x	0.03777051	0.08440334	6.07E-05
7w11w_SITTD3_TTTGATCAGTGTTCCA-1-10x	0.2562956	0.862471	0.00078463
7w11w_SITTD3_TTTGGAGAGTAGCATA-1-10x	0.01858475	0.01609164	3.49E-05
7w11w_SITTD3_TTTGGTTGTGCGCAGTC-1-10x	0.09659791	0.29386076	0.0043435
7w11w_SITTD3_TTTGTTGCAGTGCGCT-1-10x	0.01677869	0.00966109	3.38E-05
7w11w_SITTD3_AACCTTTCATCGAACT-1-10x	0.22266085	0.7427131	0.0010033
7w11w_SITTD3_AACTTCTAGCGGTAGT-1-10x	0.13430767	0.4281279	0.0019027
7w11w_SITTD3_AATGAAGAGGCTGGAT-1-10x	0.23760499	0.79592234	0.00088935
7w11w_SITTD3_ACAACCATCCCGAATA-1-10x	0.08552774	0.25444496	0.0037839
7w11w_SITTD3_ACCACAAAGAGAGAAC-1-10x	0.28551304	0.96650094	0.00075686
7w11w_SITTD3_ACCTGAAAGATGCTTC-1-10x	0.09263502	0.27975073	0.0044107
7w11w_SITTD3_ACGGAAGTCCTCGCAT-1-10x	0.16877365	0.55084544	0.0016744
7w11w_SITTD3_ACTCCCATCAAATAGG-1-10x	0.08091305	0.23801416	0.0029431
7w11w_SITTD3_AGAACCTGTTATTCCT-1-10x	0.02233843	0.02945678	3.76E-05
7w11w_SITTD3_AGACTCAAGCCTGTCG-1-10x	0.10505725	0.3239806	0.0036214
7w11w_SITTD3_AGCGATTCGTCAAAC-1-10x	0.03537916	0.07588886	5.58E-05
7w11w_SITTD3_AGCTCAATCTGGGCGT-1-10x	0.24830528	0.83402115	0.00082396
7w11w_SITTD3_AGGAAATAGGCTTAAA-1-10x	0.04583957	0.11313357	0.00010046
7w11w_SITTD3_AGGGCCTCAGGTGAGT-1-10x	0.01793789	0.01378848	3.44E-05
7w11w_SITTD3_AGGGTCCCAAGTTTGC-1-10x	0.04992994	0.1276975	0.00013566
7w11w_SITTD3_AGTAACCAGGGAACAA-1-10x	0.23247132	0.7776437	0.00092358
7w11w_SITTD3_AGTCATGGTCGAACAG-1-10x	0.22090256	0.73645264	0.0010179
7w11w_SITTD3_AGTGACTGTAAGGTCG-1-10x	0.03368614	0.06986079	5.17E-05
7w11w_SITTD3_ATAGAGACAAATACAG-1-10x	0.20243537	0.6706994	0.0011699
7w11w_SITTD3_ATCCCTGTCTATTGTC-1-10x	0.14640188	0.4711899	0.0018717
7w11w_SITTD3_ATCGTCTCGATACTG-1-10x	0.11115488	0.34569144	0.0030221
7w11w_SITTD3_ATCTTCATCGCATGAT-1-10x	0.02758309	0.04813062	4.19E-05

7w11w_SITTD3_ATGCATGTCTTGCC-1-10x	0.25162357	0.84583604	0.00080467
7w11w_SITTD3_ATGCCTCCTTATCA-1-10x	0.02714755	0.04657985	4.19E-05
7w11w_SITTD3_ATGGATCGTCCTGGTG-1-10x	0.24364285	0.81742036	0.00085167
7w11w_SITTD3_ATGGGTTAGTATGAAC-1-10x	0.10528062	0.3247759	0.0036214
7w11w_SITTD3_ATTACCTCAGGTCCGT-1-10x	0.2884231	0.97686225	0.0007596
7w11w_SITTD3_ATTACTCCACACGGTC-1-10x	0.02213917	0.02874733	3.76E-05
7w11w_SITTD3_ATTATCCGTAATTAGG-1-10x	0.13398543	0.42698058	0.0019027
7w11w_SITTD3_CAAAGAACAAGTGCAG-1-10x	0.25218424	0.8478323	0.00080028
7w11w_SITTD3_CAACAACCATAGAGGC-1-10x	0.04061666	0.0945372	7.01E-05
7w11w_SITTD3_CACATGACACTGTTCC-1-10x	0.22880143	0.76457685	0.0009522
7w11w_SITTD3_CACGGGTCAAGCGCTC-1-10x	0.2160751	0.7192642	0.001055
7w11w_SITTD3_CACTTCGTCCATCACC-1-10x	0.14440103	0.46406576	0.0018716
7w11w_SITTD3_CAGGTATTCATTACCT-1-10x	0.04241665	0.10094614	7.82E-05
7w11w_SITTD3_CATAAGCAGGCAGGTT-1-10x	0.08022063	0.23554878	0.0027593
7w11w_SITTD3_CATAGACGTCGCATGC-1-10x	0.14364095	0.46135947	0.0018716
7w11w_SITTD3_CATCCACCACCTCAGG-1-10x	0.08301256	0.24548955	0.0033032
7w11w_SITTD3_CATGAGTGTGCTAGCC-1-10x	0.12067903	0.37960258	0.0022308
7w11w_SITTD3_CATGAGTGTGGCGTAA-1-10x	0.11122334	0.34593523	0.0030221
7w11w_SITTD3_CATTCATCCTTCTGG-1-10x	0.08499913	0.25256282	0.0037839
7w11w_SITTD3_CCCATTGCATGACGGA-1-10x	0.2394701	0.8025631	0.00087632
7w11w_SITTD3_CCTACGTTCCATCGTC-1-10x	0.10054287	0.30790693	0.0040879
7w11w_SITTD3_CCTCACAAGTGTTAC-1-10x	0.19506079	0.6444419	0.0012511
7w11w_SITTD3_CCTCCAACAACCTCAA-1-10x	0.01566571	0.00569831	3.33E-05
7w11w_SITTD3_CCTCCTCAGGGCCCTT-1-10x	0.08473128	0.25160912	0.0036353
7w11w_SITTD3_CGCCATTCACCTTATC-1-10x	0.01531059	0.00443386	3.27E-05
7w11w_SITTD3_CGGAGAATCAACTGAC-1-10x	0.22203839	0.74049675	0.0010106
7w11w_SITTD3_CGGGTGTTGTTGCT-1-10x	0.11306119	0.35247895	0.0028393
7w11w_SITTD3_CGTAGTAGTTTGACAC-1-10x	0.24251252	0.8133958	0.00085764
7w11w_SITTD3_CGTGCTTTCACCTTGT-1-10x	0.02888253	0.05275732	4.42E-05
7w11w_SITTD3_CTACAGATCAAATGAG-1-10x	0.01766159	0.0128047	3.44E-05
7w11w_SITTD3_CTACGGGGTGAATTGA-1-10x	0.04812996	0.12128861	0.00011598
7w11w_SITTD3 CTCATCGCACAACCGC-1-10x	0.07476068	0.2161084	0.001885
7w11w_SITTD3 CTCATGCAGTAGACCG-1-10x	0.04180874	0.09878163	7.82E-05
7w11w_SITTD3 CTGAGCGTCCTAGAGT-1-10x	0.2575051	0.8667774	0.00078121
7w11w_SITTD3 CTGCATCGTGTGATT-1-10x	0.08994695	0.27017972	0.0042999
7w11w_SITTD3 CTGGACGTCGTGGTAT-1-10x	0.02607962	0.04277746	4.09E-05
7w11w_SITTD3 CTGTACCTCTTCGACC-1-10x	0.02157136	0.02672559	3.69E-05
7w11w_SITTD3 CTTAGGACAGGCATGA-1-10x	0.05026887	0.12890431	0.00014746
7w11w_SITTD3 CTTAGGAGTGTCCAAT-1-10x	0.08876368	0.26596665	0.0042295
7w11w_SITTD3_GAACACTGTCTTACTT-1-10x	0.03318928	0.06809169	5.00E-05
7w11w_SITTD3_GAAGAATTCACAGAGG-1-10x	0.11409653	0.35616532	0.0027534

7w11w_SITTD3_GAAGTAAGTCCTCAGG-1-10x	0.04723672	0.11810818	0.00010777
7w11w_SITTD3_GAATCACTCAGCGCGT-1-10x	0.01680017	0.0097376	3.38E-05
7w11w_SITTD3_GACCCTTTCCTGGGTG-1-10x	0.26437527	0.891239	0.00076313
7w11w_SITTD3_GACGTTACTACTTTT-1-10x	0.14558917	0.4682962	0.0018716
7w11w_SITTD3_GAGGCCTAGTTGAAAC-1-10x	0.01552888	0.00521111	3.33E-05
7w11w_SITTD3_GAGGGTAAGCGGGTAT-1-10x	0.28911638	0.9793308	0.0007606
7w11w_SITTD3_GATCGTACATCCGTGG-1-10x	0.2170422	0.7227076	0.0010475
7w11w_SITTD3_GATGATCGTCAGGAGT-1-10x	0.01928855	0.01859757	3.55E-05
7w11w_SITTD3_GATGCTAGTGATATAG-1-10x	0.15417267	0.4988581	0.0018575
7w11w_SITTD3_GCACGGTAGAATACAC-1-10x	0.2650271	0.8935599	0.00076135
7w11w_SITTD3_GCAGTTAAGCGATGAC-1-10x	0.2733436	0.9231711	0.0007526
7w11w_SITTD3_GCTGGGTAGGTCCCGT-1-10x	0.2761002	0.9329861	0.00075214
7w11w_SITTD3_GGAGGTATCCGAGTGC-1-10x	0.18084764	0.5938354	0.0014587
7w11w_SITTD3_GGCGTCAGTGACATC-1-10x	0.27603474	0.932753	0.00075214
7w11w_SITTD3_GGTGGCTCATTGAGGG-1-10x	0.27069116	0.913727	0.00075418
7w11w_SITTD3_GGTGTGCGAGTCTGGC-1-10x	0.20663698	0.6856594	0.0011344
7w11w_SITTD3_GTCCTCACATTAGCA-1-10x	0.05299058	0.13859504	0.00017575
7w11w_SITTD3_GTGGTTAAGGATCGT-1-10x	0.0510648	0.13173826	0.00014746
7w11w_SITTD3_GTTACCCGTCCAGGTC-1-10x	0.11160388	0.34729013	0.002929
7w11w_SITTD3_GTTAGACAGGTGAGAA-1-10x	0.09386371	0.28412554	0.0044154
7w11w_SITTD3_TAACTTCGTGAGCAGT-1-10x	0.04310271	0.10338888	8.29E-05
7w11w_SITTD3_TACGGGCGTCGCTCGA-1-10x	0.03588321	0.07768355	5.58E-05
7w11w_SITTD3_TATCTTGCAAGATGGC-1-10x	0.08628362	0.2571363	0.0039187
7w11w_SITTD3_TATTCCACATGACGAG-1-10x	0.01779252	0.01327088	3.44E-05
7w11w_SITTD3_TATTTGCTCTGGGCCA-1-10x	0.18431027	0.6061642	0.0014112
7w11w_SITTD3_TCAATCTAGCGGTAGT-1-10x	0.16846326	0.5497403	0.0016902
7w11w_SITTD3_TCACTCGTCGGTCACG-1-10x	0.23397073	0.78298235	0.00091657
7w11w_SITTD3_TCAGCAACACAGTATC-1-10x	0.02777451	0.04881218	4.30E-05
7w11w_SITTD3_TCAGTGACACAAACGG-1-10x	0.080672	0.23715588	0.0029431
7w11w_SITTD3_TCATGAGGTTGAGGAC-1-10x	0.02030077	0.02220161	3.62E-05
7w11w_SITTD3_TCCTCCCAGTCTAACC-1-10x	0.28244397	0.9555734	0.00075462
7w11w_SITTD3_TCCTGCATCCCTCTTT-1-10x	0.03348636	0.06914947	5.17E-05
7w11w_SITTD3_TCGCAGGCAATCAGCT-1-10x	0.11193622	0.34847346	0.002929
7w11w_SITTD3_TCGCAGGTCTGACAGT-1-10x	0.06758968	0.19057575	0.00088537
7w11w_SITTD3_TCGCTCACACAAACGG-1-10x	0.23871472	0.7998736	0.00088278
7w11w_SITTD3_TCGGGACCAGGTGAGT-1-10x	0.02201457	0.02830367	3.69E-05
7w11w_SITTD3_TCGGGCAAGTCGTTAC-1-10x	0.21405919	0.7120865	0.0010701
7w11w_SITTD3_TCGTGCTGTGAGAGGG-1-10x	0.0160146	0.00694053	3.33E-05
7w11w_SITTD3_TCTCACGAGCGTGAAC-1-10x	0.20517078	0.68043894	0.0011518
7w11w_SITTD3_TGAATCGGTCTAATCG-1-10x	0.21494384	0.71523637	0.0010625
7w11w_SITTD3_TGAGCATTCTGCGTCT-1-10x	0.06210996	0.17106497	0.00047505

7w11w_SITTD3_TGAGGGATCACAAGAA-1-10x	0.04702188	0.11734325	0.00010777
7w11w_SITTD3_TGAGGTTAGGCTGAAC-1-10x	0.12353574	0.38977402	0.0021124
7w11w_SITTD3_TGAGTCACAATGTTGC-1-10x	0.02485204	0.03840659	3.91E-05
7w11w_SITTD3_TGATGCAAGGCAGGTT-1-10x	0.05473433	0.14480376	0.00021164
7w11w_SITTD3_TGATTCTAGTACGAGC-1-10x	0.01830824	0.01510712	3.49E-05
7w11w_SITTD3_TGATTTTCGTATGATCC-1-10x	0.25067788	0.8424689	0.00080923
7w11w_SITTD3_TGCATCCAGCCTTCTC-1-10x	0.07503855	0.21709777	0.001885
7w11w_SITTD3_TGCGATAGTTCACGAT-1-10x	0.20741355	0.68842447	0.001126
7w11w_SITTD3_TGCGGGTGTCCCACGA-1-10x	0.10629131	0.3283745	0.00352
7w11w_SITTD3_TGCTGAAGTAATGCTC-1-10x	0.01609068	0.00721142	3.33E-05
7w11w_SITTD3_TGGAGGATCCCGAGAC-1-10x	0.03542085	0.07603728	5.58E-05
7w11w_SITTD3_TGGGCGTGTCTATGAC-1-10x	0.01540264	0.00476163	3.27E-05
7w11w_SITTD3_TGTCCTGAGGTGGGTT-1-10x	0.02026443	0.02207224	3.62E-05
7w11w_SITTD3_TGTGTGACAAGGACAC-1-10x	0.04859277	0.12293645	0.00012523
7w11w_SITTD3_TTCAATCTCACTCGAA-1-10x	0.04119214	0.09658623	7.40E-05
7w11w_SITTD3_TTCATGTTCTCTGAGA-1-10x	0.22900507	0.76530194	0.0009522
7w11w_SITTD3_TTCCTAATCAGAACCT-1-10x	0.2511892	0.8442895	0.00080923
7w11w_SITTD3_TTGAACGGTTTCGCTC-1-10x	0.2801212	0.94730306	0.00075303
7w11w_SITTD3_TTGGGTAGTCTTACAG-1-10x	0.01955273	0.01953819	3.55E-05
7w11w_SITTD3_TTTACTGAGAATCGCG-1-10x	0.281752	0.95310956	0.00075401
7w11w_SITTD3_TTTGATCCATACTGAC-1-10x	0.01567531	0.00573246	3.33E-05
7w11w_SITTF3_AAACGAATCCCATAAG-1-10x	0.01508359	0.00362563	3.27E-05
7w11w_SITTF3_AAAGAACTCGTTGTGA-1-10x	0.01598789	0.00684542	3.33E-05
7w11w_SITTF3_AAAGTCCGTGGGAGAG-1-10x	0.24228865	0.81259865	0.00085764
7w11w_SITTF3_AACAACCTCTCGGTCT-1-10x	0.11933605	0.37482086	0.0023317
7w11w_SITTF3_AACAGGGAGTATTAGG-1-10x	0.01699724	0.01043927	3.38E-05
7w11w_SITTF3_AACCAACCAAAGGCTG-1-10x	0.09396447	0.2844843	0.0044154
7w11w_SITTF3_AACCCAACATCGGCCA-1-10x	0.24362312	0.8173501	0.00085167
7w11w_SITTF3_AACGAAACAGTTTGGT-1-10x	0.27594608	0.93243736	0.00075214
7w11w_SITTF3_AACGGGAGTCGGCCTA-1-10x	0.04796856	0.12071392	0.00011598
7w11w_SITTF3_AACGGGATCTACTGAG-1-10x	0.19508186	0.64451694	0.0012511
7w11w_SITTF3_AACGTCAAGTTGTAC-1-10x	0.14206275	0.4557402	0.0018724
7w11w_SITTF3_AAGCATCTCGGATAAAA-1-10x	0.26225257	0.88368106	0.00076727
7w11w_SITTF3_AAGCGAGTCATTCATC-1-10x	0.01867459	0.01641152	3.49E-05
7w11w_SITTF3_AAGGTAAGTAATCAAG-1-10x	0.050749	0.13061383	0.00014746
7w11w_SITTF3_AAGTACCTCTGTGCAA-1-10x	0.06559528	0.18347463	0.00072102
7w11w_SITTF3_AAGTGAACAGACCAGA-1-10x	0.2400213	0.8045257	0.00086997
7w11w_SITTF3_AAGTGAAGTCTACACA-1-10x	0.04936834	0.12569791	0.00013566
7w11w_SITTF3_AATGAAGCACTTGTCC-1-10x	0.07932298	0.23235264	0.002576
7w11w_SITTF3_AATGAAGGTCAAGCGA-1-10x	0.04092228	0.09562537	7.40E-05
7w11w_SITTF3_AATGGAATCATCAGTG-1-10x	0.08199891	0.24188043	0.0031253

7w11w_SITTF3_AATGGCTCATGTGACT-1-10x	0.07062376	0.20137872	0.0011935
7w11w_SITTF3_AATGGCTCCGTGGCA-1-10x	0.02878382	0.05240587	4.42E-05
7w11w_SITTF3_ACATCCCAGGCATGCA-1-10x	0.16071787	0.52216256	0.0018
7w11w_SITTF3_ACCAAACTCTAAACGC-1-10x	0.07709174	0.22440824	0.0022191
7w11w_SITTF3_ACCGTTCCATTGAAGA-1-10x	0.18650436	0.6139764	0.0013662
7w11w_SITTF3_ACCGTTCTCGCTGATA-1-10x	0.02665906	0.04484056	4.09E-05
7w11w_SITTF3_ACCTACCGTGCTCGTG-1-10x	0.02879555	0.05244764	4.42E-05
7w11w_SITTF3_ACGATGTCAATTCCT-1-10x	0.26059276	0.8777712	0.00077221
7w11w_SITTF3_ACGGGTCGTACGCTG-1-10x	0.03872919	0.08781677	6.36E-05
7w11w_SITTF3_ACGTACAAGAGCCTGA-1-10x	0.01928414	0.01858188	3.55E-05
7w11w_SITTF3_ACGTACACAACCTGGT-1-10x	0.2727602	0.92109394	0.000753
7w11w_SITTF3_ACGTCCTAGGCTAACG-1-10x	0.04011384	0.09274687	7.01E-05
7w11w_SITTF3_ACGTCCTGTCTATGAC-1-10x	0.02748757	0.04779052	4.19E-05
7w11w_SITTF3_ACTGTCCAGTACCATC-1-10x	0.04728141	0.11826731	0.00010777
7w11w_SITTF3_AGAAATGTGGAAGCAG-1-10x	0.01866349	0.01637202	3.49E-05
7w11w_SITTF3_AGAACAATCCTGCCAT-1-10x	0.02617143	0.04310434	4.09E-05
7w11w_SITTF3_AGAAGTATCGATGCTA-1-10x	0.02336793	0.03312238	3.83E-05
7w11w_SITTF3_AGAGCCCTCGAAGAAT-1-10x	0.2664299	0.8985546	0.00075831
7w11w_SITTF3_AGATGAATCCATTGCC-1-10x	0.07854677	0.22958893	0.002576
7w11w_SITTF3_AGCCAATAGTTGAATG-1-10x	0.01573115	0.0059313	3.33E-05
7w11w_SITTF3_AGCCAATGTTACGATC-1-10x	0.17229527	0.56338435	0.0016256
7w11w_SITTF3_AGCCAATTCTGCGGAC-1-10x	0.19013043	0.62688714	0.0013244
7w11w_SITTF3_AGCCAGCCATGCTGCG-1-10x	0.21704786	0.7227278	0.0010475
7w11w_SITTF3_AGCGATTCTCGCCTA-1-10x	0.2682945	0.9051936	0.00075594
7w11w_SITTF3_AGCGCCAAGAGTCGAC-1-10x	0.08122143	0.23911217	0.0029431
7w11w_SITTF3_AGCGCCAAGCCTTTCC-1-10x	0.05696204	0.15273559	0.00028394
7w11w_SITTF3_AGCGCCACAGGTCTCG-1-10x	0.01787285	0.01355692	3.44E-05
7w11w_SITTF3_AGCGCTGTCGCATAGT-1-10x	0.23109117	0.7727296	0.00093779
7w11w_SITTF3_AGCTACAAGCGCCTTG-1-10x	0.05742581	0.1543869	0.00028394
7w11w_SITTF3_AGCTCAAAGGGTACAC-1-10x	0.15303883	0.494821	0.0018617
7w11w_SITTF3_AGCTCAATCGATCCCT-1-10x	0.07912262	0.23163925	0.002576
7w11w_SITTF3_AGGAATATCCCAATAG-1-10x	0.08532958	0.2537394	0.0037839
7w11w_SITTF3_AGGACGAGTGGCTGCT-1-10x	0.11901122	0.3736643	0.0023317
7w11w_SITTF3_AGGACTTGTCTTGAAC-1-10x	0.04110614	0.09628	7.40E-05
7w11w_SITTF3_AGGACTTGTACGATC-1-10x	0.05717439	0.15349168	0.00028394
7w11w_SITTF3_AGGCTGCCAAGACGAC-1-10x	0.02322165	0.03260154	3.83E-05
7w11w_SITTF3_AGGGCCTGTTGTGGCC-1-10x	0.2495033	0.83828676	0.00081397
7w11w_SITTF3_AGGGCTCAGACGAGCT-1-10x	0.21427855	0.71286756	0.0010701
7w11w_SITTF3_AGGTTACGTTTCGTTCC-1-10x	0.07806671	0.22787964	0.0023954
7w11w_SITTF3_AGTAACCAGATACCAA-1-10x	0.21527374	0.71641093	0.0010625
7w11w_SITTF3_AGTAAGTGCAGGTTTCAT-1-10x	0.04738331	0.11863014	0.00010777

7w11w_SITTF3_AGTTCGAAGACATCAA-1-10x	0.09940127	0.30384222	0.0041652
7w11w_SITTF3_AGTTCGAGTGGTACAG-1-10x	0.04597315	0.1136092	0.00010046
7w11w_SITTF3_ATACTTCAGGGTGA AAA-1-10x	0.08405042	0.24918492	0.0036353
7w11w_SITTF3_ATCACAGGTTAGGGTG-1-10x	0.11562118	0.3615939	0.002594
7w11w_SITTF3_ATCACGATCGTAACTG-1-10x	0.26058125	0.87773025	0.00077221
7w11w_SITTF3_ATCCATTAGCATGGGT-1-10x	0.03206996	0.06410629	4.83E-05
7w11w_SITTF3_ATCCTATAGCCGCTTG-1-10x	0.07709653	0.2244253	0.0022191
7w11w_SITTF3_ATCGCCTGTTGCCATA-1-10x	0.04745745	0.11889411	0.00011598
7w11w_SITTF3_ATCGTAGAGATTGTGA-1-10x	0.07394874	0.21321747	0.0017292
7w11w_SITTF3_ATGAAAGAGTAGGCCA-1-10x	0.0499298	0.127697	0.00013566
7w11w_SITTF3_ATGAAAGGTTCGTATTG-1-10x	0.06262066	0.17288336	0.00052741
7w11w_SITTF3_ATGCATGAGCTCGAAG-1-10x	0.01807536	0.01427797	3.44E-05
7w11w_SITTF3_ATGCCTCGTGTGTCCG-1-10x	0.02811617	0.05002866	4.30E-05
7w11w_SITTF3_ATGGAGGCAGCTGAGA-1-10x	0.02305517	0.03200877	3.83E-05
7w11w_SITTF3_ATGGTTGCAGAGGTAC-1-10x	0.07904318	0.23135641	0.002576
7w11w_SITTF3_ATGTCTTGTGGTATGG-1-10x	0.12226194	0.38523862	0.0021873
7w11w_SITTF3_ATTACTCCAGCATGCC-1-10x	0.27185297	0.91786367	0.00075352
7w11w_SITTF3_ATTATCCGTGGGACAT-1-10x	0.05102801	0.13160726	0.00014746
7w11w_SITTF3_ATTCATCAGAGAGTTT-1-10x	0.09312513	0.28149578	0.0044107
7w11w_SITTF3_ATTCCCGTAACCAGG-1-10x	0.13625851	0.43507397	0.0018891
7w11w_SITTF3_ATTCTACAGATAGGGA-1-10x	0.02349662	0.03358056	3.83E-05
7w11w_SITTF3_ATTCTTGCAAATGAAC-1-10x	0.04463063	0.10882911	9.39E-05
7w11w_SITTF3_ATTCTTGCATGTAACC-1-10x	0.04658363	0.11578285	0.00010777
7w11w_SITTF3_ATTTACCGTTCAGCGC-1-10x	0.02456309	0.0373778	3.91E-05
7w11w_SITTF3_ATTTCTGTCTGCGGCA-1-10x	0.0967694	0.29447135	0.0043435
7w11w_SITTF3_CAACAGTAGGCAGCTA-1-10x	0.2606231	0.87787926	0.00077221
7w11w_SITTF3_CAACAGTGTCCAAAC-1-10x	0.27342942	0.9234767	0.0007526
7w11w_SITTF3_CAACCAAGTTAGAGTA-1-10x	0.01688874	0.01005295	3.38E-05
7w11w_SITTF3_CAAGACTCAACAGCCC-1-10x	0.28100064	0.9504343	0.00075348
7w11w_SITTF3_CAATCGATCGCCAGTG-1-10x	0.06718941	0.18915059	0.00088537
7w11w_SITTF3_CACGGGTTCGATTTCT-1-10x	0.16051197	0.5214294	0.0018
7w11w_SITTF3_CACGTTCTCGGTATGT-1-10x	0.02005251	0.02131767	3.55E-05
7w11w_SITTF3_CACTAAGGTGTTTGCA-1-10x	0.02056248	0.02313343	3.62E-05
7w11w_SITTF3_CACTGTTCGTGTACAT-1-10x	0.22716399	0.7587467	0.00096676
7w11w_SITTF3_CAGATACTCAGAATAG-1-10x	0.1061204	0.32776597	0.00352
7w11w_SITTF3_CAGCAATCAAACGGCA-1-10x	0.12193824	0.38408607	0.0021873
7w11w_SITTF3_CAGCACGAGTTTCGGT-1-10x	0.08297315	0.24534924	0.0033032
7w11w_SITTF3_CAGCAGCGTCCGGCAT-1-10x	0.05746676	0.15453269	0.00028394
7w11w_SITTF3_CAGGCCAGTAGTGTGG-1-10x	0.11184584	0.34815165	0.002929
7w11w_SITTF3_CAGGGCTGTGTACGCC-1-10x	0.05485677	0.14523971	0.00021164
7w11w_SITTF3_CAGGTATAGTAAATGC-1-10x	0.03772909	0.08425589	6.07E-05

7w11w_SITTF3_CAGGTATTCAAGTGGG-1-10x	0.17940725	0.58870685	0.0014915
7w11w_SITTF3_CAGGTATTCCTCACCA-1-10x	0.06755677	0.19045858	0.00088537
7w11w_SITTF3_CATAGACGTCCTCCTA-1-10x	0.01953498	0.01947498	3.55E-05
7w11w_SITTF3_CATCAAGCATCCTATT-1-10x	0.25328577	0.85175437	0.00079608
7w11w_SITTF3_CATCAAGGTGGCGTAA-1-10x	0.02480838	0.03825115	3.91E-05
7w11w_SITTF3_CATCCCAGTTCAGCGC-1-10x	0.09274012	0.28012493	0.0044107
7w11w_SITTF3_CATGCCTAGTGATTCC-1-10x	0.07443441	0.2149467	0.0017292
7w11w_SITTF3_CATGCTCCACCCTGAG-1-10x	0.016697	0.00937024	3.38E-05
7w11w_SITTF3_CATGGATTCCATTGTT-1-10x	0.04851946	0.12267543	0.00012523
7w11w_SITTF3_CATTCATAGAAGCTCG-1-10x	0.02575197	0.04161086	4.00E-05
7w11w_SITTF3_CATTCATCATCGCTGG-1-10x	0.05139525	0.1329148	0.00016076
7w11w_SITTF3_CATTCCGCAGAGCCCT-1-10x	0.08241456	0.24336036	0.0033032
7w11w_SITTF3_CATTCCGCATACCACA-1-10x	0.10042048	0.30747116	0.0040879
7w11w_SITTF3_CATTCTAGTTTGTGGT-1-10x	0.10075155	0.30864996	0.0040879
7w11w_SITTF3_CCACACTAGTTCATG-1-10x	0.02526133	0.0398639	4.00E-05
7w11w_SITTF3_CCACCATGTTTGCAGT-1-10x	0.26460525	0.8920579	0.00076135
7w11w_SITTF3_CCACGAGTCATGCTAG-1-10x	0.11556567	0.36139625	0.002594
7w11w_SITTF3_CCCAAGTACCATGG-1-10x	0.04827203	0.12179446	0.00011598
7w11w_SITTF3_CCCTAACCATCGAAGG-1-10x	0.04514681	0.11066698	9.39E-05
7w11w_SITTF3_CCCTAACTCGTAGCCG-1-10x	0.02899337	0.05315199	4.42E-05
7w11w_SITTF3_CCCTCAAGTTGTAAAG-1-10x	0.28913727	0.97940516	0.0007606
7w11w_SITTF3_CCCTCTCGTGGTTTAC-1-10x	0.0459318	0.11346198	0.00010046
7w11w_SITTF3_CCCTGATGTCACGTGC-1-10x	0.23931198	0.8020001	0.00087632
7w11w_SITTF3_CCGATCTCAATTCGTG-1-10x	0.09528578	0.28918886	0.0044051
7w11w_SITTF3_CCGATCTTCCGAGCTG-1-10x	0.2572523	0.8658774	0.00078121
7w11w_SITTF3_CCGATCTTCGGCCTT-1-10x	0.03781692	0.08456861	6.07E-05
7w11w_SITTF3_CCGGACACAGAGGCAT-1-10x	0.0411968	0.09660282	7.40E-05
7w11w_SITTF3_CCGGGTAAGCCTCTGG-1-10x	0.05791584	0.15613165	0.00031414
7w11w_SITTF3_CCGGGTAAGTGATAAC-1-10x	0.08005661	0.23496476	0.0027593
7w11w_SITTF3_CCGTGAGCAAATGGCG-1-10x	0.04548586	0.11187419	9.39E-05
7w11w_SITTF3_CCTATCGAGGACAGTC-1-10x	0.13753869	0.4396321	0.0018842
7w11w_SITTF3_CCTCCAAGTAGTCTTG-1-10x	0.07557076	0.21899274	0.001885
7w11w_SITTF3_CCTGTTGAGTGGTCAG-1-10x	0.01748172	0.01216428	3.44E-05
7w11w_SITTF3_CCTGTTGTCGCTTGAA-1-10x	0.1256249	0.39721254	0.0020515
7w11w_SITTF3_CGAAGGAGTGTCTTCC-1-10x	0.10715313	0.33144307	0.0034182
7w11w_SITTF3_CGAGAAGTCTCGTCGT-1-10x	0.22408567	0.7477862	0.00098869
7w11w_SITTF3_CGAGGCTTCAGTCTTT-1-10x	0.03349318	0.06917375	5.17E-05
7w11w_SITTF3_CGATGCGAGTCACTAC-1-10x	0.17787823	0.5832627	0.0015248
7w11w_SITTF3_CGGACACAGCTCGACC-1-10x	0.01705392	0.01064108	3.38E-05
7w11w_SITTF3_CGGACACCAGAGTCTT-1-10x	0.06558037	0.18342152	0.00072102
7w11w_SITTF3_CGGGACTAGCACCGTC-1-10x	0.07824901	0.22852872	0.0023954

7w11w_SITTF3_CGGGACTGTCGGTGTC-1-10x	0.28843817	0.97691596	0.0007596
7w11w_SITTF3_CGGGTCACATGGGATG-1-10x	0.19490078	0.6438722	0.0012511
7w11w_SITTF3_CGTAGTAAGGTCACAG-1-10x	0.01946094	0.01921137	3.55E-05
7w11w_SITTF3_CGTAGTAGTCCGGTGT-1-10x	0.02741695	0.04753907	4.19E-05
7w11w_SITTF3_CGTGCTTGTGTTTCAGT-1-10x	0.04884383	0.12383036	0.00012523
7w11w_SITTF3_CGTGTCTTCTCCAAGA-1-10x	0.08868904	0.2657009	0.0041422
7w11w_SITTF3_CGTTGGGAGGAAAGTG-1-10x	0.03638082	0.07945529	5.82E-05
7w11w_SITTF3_CTACCTGAGTCAGCCC-1-10x	0.29388124	0.9962962	0.000766
7w11w_SITTF3_CTAGTATAGCAAACAT-1-10x	0.01678987	0.00970092	3.38E-05
7w11w_SITTF3_CTAGACAGTCCTTAAG-1-10x	0.07447366	0.21508645	0.0017292
7w11w_SITTF3_CTATCTACAATTCACG-1-10x	0.10460895	0.3223844	0.0037215
7w11w_SITTF3_CTCAACCGTTTGGAAA-1-10x	0.0424499	0.10106453	7.82E-05
7w11w_SITTF3_CTCAGTGCATTAAGCC-1-10x	0.01518747	0.0039955	3.27E-05
7w11w_SITTF3_CTCAGTGGTCGTTATG-1-10x	0.04632809	0.11487298	0.00010046
7w11w_SITTF3_CTCAGGGTCTTCGTAT-1-10x	0.08453368	0.25090557	0.0036353
7w11w_SITTF3_CTCAGTCAGCTATCCA-1-10x	0.04095511	0.09574225	7.40E-05
7w11w_SITTF3_CTCATCGGTGTCTTCC-1-10x	0.267171	0.9011933	0.00075831
7w11w_SITTF3_CTCCACAGTGCATGTT-1-10x	0.037623	0.08387813	6.07E-05
7w11w_SITTF3_CTCCTTTCACTGTGAT-1-10x	0.26434633	0.891136	0.00076313
7w11w_SITTF3_CTCCTTTGTGCGAATGG-1-10x	0.1157816	0.36216506	0.002594
7w11w_SITTF3_CTCGAGGCAGATACTC-1-10x	0.26247978	0.88449	0.00076727
7w11w_SITTF3_CTCGAGGGTCTGTTAG-1-10x	0.02759709	0.04818048	4.19E-05
7w11w_SITTF3_CTCTCAGTCTGCATGA-1-10x	0.02004043	0.02127465	3.55E-05
7w11w_SITTF3_CTGAGCGCAACAACAA-1-10x	0.07488736	0.21655944	0.001885
7w11w_SITTF3_CTGCATCGTTCACGAT-1-10x	0.05204586	0.13523136	0.00016076
7w11w_SITTF3_CTGCATCTCGAGATGG-1-10x	0.03073706	0.05936046	4.68E-05
7w11w_SITTF3_CTGCCTAAGGGAGTTC-1-10x	0.02892391	0.05290465	4.42E-05
7w11w_SITTF3_CTGCGAGTCATAAGGA-1-10x	0.08862478	0.26547208	0.0041422
7w11w_SITTF3_CTGTACCCACGTTCCG-1-10x	0.04981836	0.12730023	0.00013566
7w11w_SITTF3_CTGTAGAAGTCTACCA-1-10x	0.02343047	0.03334503	3.83E-05
7w11w_SITTF3_CTGTAGACAGGTCAAG-1-10x	0.04383772	0.10600591	8.81E-05
7w11w_SITTF3_CTGTATTCATGAATCC-1-10x	0.07889779	0.23083875	0.002576
7w11w_SITTF3_CTTCTTTCCGCTGTT-1-10x	0.26889718	0.90733945	0.00075594
7w11w_SITTF3_CTTTCGGCAGCAGACA-1-10x	0.13369323	0.42594022	0.0019115
7w11w_SITTF3_GAAACCTAGTGGACGT-1-10x	0.02510713	0.03931488	4.00E-05
7w11w_SITTF3_GAACACTTCTCTGCCA-1-10x	0.23732445	0.7949234	0.00088935
7w11w_SITTF3_GAAGCGATCTGCTAGA-1-10x	0.08180402	0.2411865	0.0031253
7w11w_SITTF3_GAAGGACAGCTCACTA-1-10x	0.01712601	0.01089776	3.38E-05
7w11w_SITTF3_GAATCACCAGAAGTTA-1-10x	0.1560962	0.5057069	0.0018459
7w11w_SITTF3_GAATCACTCCATTGTT-1-10x	0.08204877	0.24205795	0.0031253
7w11w_SITTF3_GACACGCAGACAGCTG-1-10x	0.09456221	0.28661257	0.0044051

7w11w_SITTF3_GACACGCCAAAGCGTG-1-10x	0.25985354	0.8751392	0.00077221
7w11w_SITTF3_GACCAATCAAATCAGA-1-10x	0.07009982	0.1995132	0.0011935
7w11w_SITTF3_GACCCAGTCAGGTAAA-1-10x	0.18385589	0.6045464	0.0014112
7w11w_SITTF3_GACCCTTTCCGCATAA-1-10x	0.02407058	0.03562419	3.91E-05
7w11w_SITTF3_GACCGTGGTCGCCACA-1-10x	0.07371738	0.21239369	0.0017292
7w11w_SITTF3_GACTATGAGAGAATCT-1-10x	0.18039364	0.5922189	0.001475
7w11w_SITTF3_GACTCAATCGCTAAAC-1-10x	0.2562693	0.8623774	0.00078463
7w11w_SITTF3_GAGACTTTCGCTTACC-1-10x	0.22404042	0.7476251	0.00098869
7w11w_SITTF3_GAGATGGCAGTCAACT-1-10x	0.2855982	0.9668041	0.00075686
7w11w_SITTF3_GAGCCTGAGAGTTGTA-1-10x	0.06098077	0.16704446	0.00042799
7w11w_SITTF3_GAGGCAAGTCTGCCTT-1-10x	0.08411469	0.24941374	0.0036353
7w11w_SITTF3_GAGGCCTAGAATCTAG-1-10x	0.01835803	0.0152844	3.49E-05
7w11w_SITTF3_GAGGGATTTCATCCTAT-1-10x	0.01587464	0.0064422	3.33E-05
7w11w_SITTF3_GAGTTACGTGTAGCAG-1-10x	0.10577109	0.32652223	0.00352
7w11w_SITTF3_GATAGAACAGAACCGA-1-10x	0.17709392	0.58047014	0.0015248
7w11w_SITTF3_GATAGAATCCGCTACT-1-10x	0.17763318	0.5823902	0.0015248
7w11w_SITTF3_GATAGCTAGCGTGAGT-1-10x	0.04662863	0.11594307	0.00010777
7w11w_SITTF3_GATCAGTAGCAATTCC-1-10x	0.06065578	0.16588733	0.00042799
7w11w_SITTF3_GATCATGAGTCATGCT-1-10x	0.01758613	0.01253601	3.44E-05
7w11w_SITTF3_GATCGTACACTCCTTG-1-10x	0.22701974	0.7582331	0.00096676
7w11w_SITTF3_GATGACTTCGACCATA-1-10x	0.25549912	0.8596351	0.00078825
7w11w_SITTF3_GATTTCTAGTGCAGGT-1-10x	0.02069984	0.02362252	3.62E-05
7w11w_SITTF3_GCACATACTGTGT-1-10x	0.1915799	0.632048	0.0012985
7w11w_SITTF3_GCACGGTGTGCTCGA-1-10x	0.03628638	0.07911904	5.82E-05
7w11w_SITTF3_GCATCGGTCGGCTCTT-1-10x	0.0155289	0.00521119	3.33E-05
7w11w_SITTF3_GCCAACGTCAGAGTTC-1-10x	0.01602339	0.00697184	3.33E-05
7w11w_SITTF3_GCCTGTTGTGTGCTG-1-10x	0.02076754	0.02386357	3.62E-05
7w11w_SITTF3_GCCTGTTGTGTGGA-1-10x	0.02342514	0.03332606	3.83E-05
7w11w_SITTF3_GCCTGTTTCTGACAGT-1-10x	0.27257442	0.92043245	0.000753
7w11w_SITTF3_GCGATCGCAGTCTCTC-1-10x	0.20960389	0.6962232	0.0011095
7w11w_SITTF3_GCGTGCACAACGTAAA-1-10x	0.26948375	0.90942794	0.00075499
7w11w_SITTF3_GCGTGCACATACCATG-1-10x	0.03865023	0.08753564	6.36E-05
7w11w_SITTF3_GCGTGCAGTGTGTTGCA-1-10x	0.16379397	0.5331151	0.001763
7w11w_SITTF3_GCGTTTCTCGCCAGA-1-10x	0.16700363	0.5445432	0.0017056
7w11w_SITTF3_GCTACCTTCCGTAGGC-1-10x	0.07330091	0.21091084	0.0015819
7w11w_SITTF3_GCTGGTTCTTTGCTA-1-10x	0.24431077	0.8197985	0.00084583
7w11w_SITTF3_GCTTCACTCACGACTA-1-10x	0.14012659	0.44884643	0.001875
7w11w_SITTF3_GCTTGGGAGCTACAAA-1-10x	0.04588283	0.11328761	0.00010046
7w11w_SITTF3_GGAACCCAGCGGATA-1-10x	0.09313164	0.28151897	0.0044107
7w11w_SITTF3_GGAATCTAGCGCACAA-1-10x	0.04681172	0.11659496	0.00010777
7w11w_SITTF3_GGAATGGAGACAAGCC-1-10x	0.03115174	0.06083693	4.68E-05

7w11w_SITTF3_GGAGAACCACTCCACT-1-10x	0.09906624	0.30264935	0.0042345
7w11w_SITTF3_GGCAGTCAGGATACGC-1-10x	0.12574421	0.39763737	0.0020515
7w11w_SITTF3_GGCGTCACATTGACTG-1-10x	0.08038856	0.2361467	0.0029431
7w11w_SITTF3_GGCGTCAGTGCAGTGA-1-10x	0.01904479	0.01772963	3.49E-05
7w11w_SITTF3_GGCTGTGCAGCATTGT-1-10x	0.29069498	0.98495144	0.00076269
7w11w_SITTF3_GGGAAGTCATGCAGGA-1-10x	0.04570136	0.11264148	0.00010046
7w11w_SITTF3_GGGACCTGTAGCTTGT-1-10x	0.01856101	0.01600712	3.49E-05
7w11w_SITTF3_GGGAGTACACGTA ACT-1-10x	0.04497833	0.11006711	9.39E-05
7w11w_SITTF3_GGGATGAAGGCTCAAG-1-10x	0.19433826	0.6418693	0.0012624
7w11w_SITTF3_GGGTATTGTTGCCAAT-1-10x	0.10998705	0.34153336	0.0031181
7w11w_SITTF3_GGTGAAGTCCCGTGAG-1-10x	0.04991023	0.12762734	0.00013566
7w11w_SITTF3_GGTGATTCCTATTA-1-10x	0.27161008	0.91699886	0.00075352
7w11w_SITTF3_GGTGTCGCAGATCACT-1-10x	0.248917	0.83619916	0.00081888
7w11w_SITTF3_GGTGTCGTATCGGGC-1-10x	0.13528359	0.43160272	0.0018953
7w11w_SITTF3_GGTGTCGTCAATCCA-1-10x	0.09322172	0.28183967	0.0044107
7w11w_SITTF3_GTAACCATCGAGTCTA-1-10x	0.24458516	0.8207755	0.00084583
7w11w_SITTF3_GTAATCGTCTCGAGTA-1-10x	0.03547958	0.07624642	5.58E-05
7w11w_SITTF3_GTACAGTCAGACACCC-1-10x	0.26274478	0.8854336	0.00076511
7w11w_SITTF3_GTAGATCCAAATCGGG-1-10x	0.03136844	0.06160852	4.68E-05
7w11w_SITTF3_GTAGATCTCCATTTA-1-10x	0.02515045	0.03946909	4.00E-05
7w11w_SITTF3_GTAGGAGCAGGTGGAT-1-10x	0.04629089	0.11474052	0.00010046
7w11w_SITTF3_GTAGGAGTCCAGCCTT-1-10x	0.04159398	0.09801697	7.40E-05
7w11w_SITTF3_GTAGGTTTCTGAATGC-1-10x	0.10712113	0.33132914	0.0034182
7w11w_SITTF3_GTAGTACTCTGGTGGC-1-10x	0.20599738	0.6833821	0.001143
7w11w_SITTF3_GTCACTCAGACGTCCC-1-10x	0.0435187	0.10487003	8.29E-05
7w11w_SITTF3_GTCATGATCCCTCTCC-1-10x	0.26247567	0.8844754	0.00076727
7w11w_SITTF3_GTCATTTAGTGCAAAT-1-10x	0.27518827	0.9297391	0.00075218
7w11w_SITTF3_GTCCACTAGAGGATGA-1-10x	0.18410254	0.6054246	0.0014112
7w11w_SITTF3_GTCTACCAGACGGATC-1-10x	0.02338656	0.03318871	3.83E-05
7w11w_SITTF3_GTCTACCAGCGGTTC-1-10x	0.16340682	0.5317366	0.001763
7w11w_SITTF3_GTGAGTTCCTACCGG-1-10x	0.04878421	0.1236181	0.00012523
7w11w_SITTF3_GTGAGCAGCTAGCCC-1-10x	0.02191088	0.02793447	3.69E-05
7w11w_SITTF3_GTGCGTGAGGCTGGAT-1-10x	0.20912331	0.6945121	0.0011095
7w11w_SITTF3_GTGGAAGAGGACGCTA-1-10x	0.03875902	0.087923	6.36E-05
7w11w_SITTF3_GTGCGTCACGGAAGT-1-10x	0.01852616	0.01588304	3.49E-05
7w11w_SITTF3_GTGCGTTCTCATAGG-1-10x	0.02706523	0.04628675	4.19E-05
7w11w_SITTF3_GTGGAACAACCAATC-1-10x	0.08534386	0.25379026	0.0037839
7w11w_SITTF3_GTGTTAGGTGGTACAG-1-10x	0.09155227	0.27589554	0.0043535
7w11w_SITTF3_GTTACCCTCTAGTACG-1-10x	0.04471665	0.10913536	9.39E-05
7w11w_SITTF3_GTTAGTGTATCCTGC-1-10x	0.11673851	0.3655722	0.0025211
7w11w_SITTF3_GTTATGGAGGTTGGTG-1-10x	0.06880678	0.1949093	0.00097948

7w11w_SITTF3_GTTCCGTGTGGCCCAT-1-10x	0.17907605	0.5875276	0.0014915
7w11w_SITTF3_GTTCTATTCAGTGTCC-1-10x	0.03800948	0.08525421	6.07E-05
7w11w_SITTF3_GTTGAACAGTGTTCCA-1-10x	0.1858694	0.61171556	0.0013809
7w11w_SITTF3_GTTGCTCGTCGGTGTC-1-10x	0.1979858	0.6548565	0.0012187
7w11w_SITTF3_GTTGTGACATGGAATA-1-10x	0.01850397	0.01580405	3.49E-05
7w11w_SITTF3_GTTTACTAGGGCATGT-1-10x	0.02127562	0.0256726	3.69E-05
7w11w_SITTF3_GTTTGGAAGACGGTCA-1-10x	0.25260732	0.8493387	0.00080028
7w11w_SITTF3_TAACCAGTCAGAGCAG-1-10x	0.18114837	0.59490615	0.0014587
7w11w_SITTF3_TAACGACAGGCCATAG-1-10x	0.04733481	0.11845744	0.00010777
7w11w_SITTF3_TAACGACTCAGCTGTA-1-10x	0.08161736	0.24052186	0.0031253
7w11w_SITTF3_TAAGCACAGTGTTTAC-1-10x	0.11626881	0.3638998	0.0025211
7w11w_SITTF3_TAAGCGTCAGCGACAA-1-10x	0.17580634	0.57588565	0.0015585
7w11w_SITTF3_TAATCTCGTGTCCAAT-1-10x	0.08621282	0.25688422	0.0039187
7w11w_SITTF3_TACAACGAGAGCTGAC-1-10x	0.02548776	0.04067011	4.00E-05
7w11w_SITTF3_TACACCCTCTGGGAGA-1-10x	0.26058573	0.87774616	0.00077221
7w11w_SITTF3_TACCGAACAGAGAGGG-1-10x	0.2182483	0.72700197	0.00104
7w11w_SITTF3_TACCGAATCGCTATTT-1-10x	0.13659483	0.43627146	0.0018891
7w11w_SITTF3_TACCGGGTCAAGCCTA-1-10x	0.0418025	0.09875943	7.82E-05
7w11w_SITTF3_TACCTCGAGTGGCCTC-1-10x	0.01625525	0.00779738	3.33E-05
7w11w_SITTF3_TACCTCGCACGATTCA-1-10x	0.19259202	0.63565177	0.0012861
7w11w_SITTF3_TACCTCGTTCTAAGC-1-10x	0.16224532	0.52760106	0.001776
7w11w_SITTF3_TACGGGCAGTAATACG-1-10x	0.06940805	0.19705015	0.0010821
7w11w_SITTF3_TACGGGCAGTTTCAGC-1-10x	0.02012198	0.02156502	3.55E-05
7w11w_SITTF3_TACTGCCAGCCAACCC-1-10x	0.02905482	0.05337078	4.42E-05
7w11w_SITTF3_TAGACCAAGATAACGT-1-10x	0.05223573	0.1359074	0.00017575
7w11w_SITTF3_TAGGTACTCCTTCTTC-1-10x	0.02947211	0.05485657	4.42E-05
7w11w_SITTF3_TAGTGCAAGTTCCTGA-1-10x	0.01575112	0.0060024	3.33E-05
7w11w_SITTF3_TATCAGGAGCCGTTGC-1-10x	0.037936	0.0849926	6.07E-05
7w11w_SITTF3_TATCAGGAGTACCGGA-1-10x	0.08869124	0.2657087	0.0041422
7w11w_SITTF3_TCAAGCACACATGTTG-1-10x	0.26537958	0.8948149	0.00075974
7w11w_SITTF3_TCAAGTGTCCTCGTA-1-10x	0.28609544	0.9685746	0.00075773
7w11w_SITTF3_TCACGGGCAGACCTAT-1-10x	0.0406505	0.09465769	7.01E-05
7w11w_SITTF3_TCACTCGTCGGTCAGC-1-10x	0.13089438	0.41597477	0.001948
7w11w_SITTF3_TCAGGGCAGAGAGCCT-1-10x	0.14160505	0.45411056	0.0018724
7w11w_SITTF3_TCAGGGCTCACCATCC-1-10x	0.04736979	0.11858198	0.00010777
7w11w_SITTF3_TCAGTCCCACTAACGT-1-10x	0.04631486	0.11482588	0.00010046
7w11w_SITTF3_TCAGTGAAGAGTTGCG-1-10x	0.01542843	0.00485345	3.27E-05
7w11w_SITTF3_TCATCATAGACGCTCC-1-10x	0.01750697	0.01225417	3.44E-05
7w11w_SITTF3_TCATGAGAGACAGTCG-1-10x	0.03992463	0.09207319	7.01E-05
7w11w_SITTF3_TCATGCCAGAGGGTGG-1-10x	0.09821919	0.29963338	0.0042345
7w11w_SITTF3_TCCACCATCCGCGAGT-1-10x	0.02184144	0.02768724	3.69E-05

7w11w_SITTF3_TCCCACAGTACTGCCG-1-10x	0.0447119	0.10911845	9.39E-05
7w11w_SITTF3_TCCCATGAGTGATCGG-1-10x	0.03795071	0.08504497	6.07E-05
7w11w_SITTF3_TCCGATCGTCGGTGAA-1-10x	0.16847017	0.54976493	0.0016902
7w11w_SITTF3_TCCTAATTCTGTGTGA-1-10x	0.11542332	0.36088943	0.002594
7w11w_SITTF3_TCGAACAGTCTGTGGC-1-10x	0.25313407	0.85121423	0.00079608
7w11w_SITTF3_TCGACGGCAGCTGTTA-1-10x	0.28664002	0.9705136	0.00075773
7w11w_SITTF3_TCGCAGGGTACCTAGT-1-10x	0.17279914	0.5651784	0.0016089
7w11w_SITTF3_TCGCAGGGTGGCTGCT-1-10x	0.23030187	0.7699193	0.00094498
7w11w_SITTF3_TCGGATATCACTACGA-1-10x	0.08376733	0.24817695	0.0034742
7w11w_SITTF3_TCGGGACAGCAAGCCA-1-10x	0.13910344	0.44520348	0.0018772
7w11w_SITTF3_TCGGGCAGTCAATCTG-1-10x	0.01933396	0.01875926	3.55E-05
7w11w_SITTF3_TCGGGCAGTCTTCTAT-1-10x	0.17463873	0.57172835	0.0015753
7w11w_SITTF3_TCGGTCTGTGTAGCAG-1-10x	0.04889861	0.12402541	0.00012523
7w11w_SITTF3_TCGTAGAGTCATGGCC-1-10x	0.04426254	0.10751849	8.81E-05
7w11w_SITTF3_TCGTCCATCTTACACT-1-10x	0.26486892	0.89299667	0.00076135
7w11w_SITTF3_TCTATCAGTCTGTGGC-1-10x	0.27190426	0.9180463	0.00075352
7w11w_SITTF3_TCTCAGCAGTCAGCGA-1-10x	0.04048768	0.09407795	7.01E-05
7w11w_SITTF3_TCTCAGCGTTCAGGTT-1-10x	0.02569728	0.04141613	4.00E-05
7w11w_SITTF3_TGAATGCAGAGAGGTA-1-10x	0.08389615	0.24863562	0.0034742
7w11w_SITTF3_TGACAGTAGTGATCGG-1-10x	0.0537978	0.14146921	0.00019264
7w11w_SITTF3_TGACCCTTCATACGAC-1-10x	0.05121307	0.13226618	0.00016076
7w11w_SITTF3_TGAGCGCTCCGCATAA-1-10x	0.25985226	0.87513465	0.00077221
7w11w_SITTF3_TGAGGAGGTTGCCAAT-1-10x	0.27016622	0.9118579	0.00075418
7w11w_SITTF3_TGCAGATAGTAGGATT-1-10x	0.20969042	0.6965313	0.0011095
7w11w_SITTF3_TGCATCCGTGATAGAT-1-10x	0.2521972	0.8478785	0.00080028
7w11w_SITTF3_TGCATCCGTTGTGGAG-1-10x	0.04887424	0.12393865	0.00012523
7w11w_SITTF3_TGCCGAGCAGAGGGTT-1-10x	0.22799891	0.76171947	0.00095947
7w11w_SITTF3_TGCCGAGGTGCGTCGT-1-10x	0.02647675	0.04419146	4.09E-05
7w11w_SITTF3_TGCCGAGTCCTGATAG-1-10x	0.0811099	0.23871507	0.0029431
7w11w_SITTF3_TGCATATCGGCTGGT-1-10x	0.045197	0.11084567	9.39E-05
7w11w_SITTF3_TGCTCGTAGGTGTGAC-1-10x	0.15841751	0.513972	0.0018209
7w11w_SITTF3_TGCTTGCCACGTAGTT-1-10x	0.10128345	0.31054384	0.0040036
7w11w_SITTF3_TGGAAGTGTGCTTAG-1-10x	0.04093279	0.09566279	7.40E-05
7w11w_SITTF3_TGGAGGACAAGGCGTA-1-10x	0.15212455	0.49156567	0.0018651
7w11w_SITTF3_TGGATGTTGCGCTGA-1-10x	0.03594919	0.07791849	5.58E-05
7w11w_SITTF3_TGGGAAGAGGAGAGTA-1-10x	0.01894072	0.01735912	3.49E-05
7w11w_SITTF3_TGGGCGTGTGATAACC-1-10x	0.0565973	0.15143695	0.000257
7w11w_SITTF3_TGGGCTGTCTTAGCAG-1-10x	0.03359115	0.06952257	5.17E-05
7w11w_SITTF3_TGGGTTACAAGCAATA-1-10x	0.03973906	0.09141246	6.67E-05
7w11w_SITTF3_TGGGTTAGTGCCGTAC-1-10x	0.04140541	0.09734557	7.40E-05
7w11w_SITTF3_TGGTACACAAACGGCA-1-10x	0.01522513	0.00412957	3.27E-05

7w11w_SITTF3_TGGTACATCATCTCTA-1-10x	0.08214954	0.24241674	0.0031253
7w11w_SITTF3_TGGTAGTAGGCATGGT-1-10x	0.01779032	0.01326305	3.44E-05
7w11w_SITTF3_TGGTAGTCAGCGTGCT-1-10x	0.04045216	0.09395149	7.01E-05
7w11w_SITTF3_TGTACAGTCTCGAGTA-1-10x	0.28059065	0.94897455	0.00075348
7w11w_SITTF3_TGTCAGAGTCCATCTC-1-10x	0.0272821	0.04705895	4.19E-05
7w11w_SITTF3_TGTGAGTAGTGTATC-1-10x	0.05146677	0.13316946	0.00016076
7w11w_SITTF3_TTACCGCGTGACACGA-1-10x	0.20050728	0.6638344	0.0011985
7w11w_SITTF3_TTACTGTTCTGGACCG-1-10x	0.23940411	0.80232817	0.00087632
7w11w_SITTF3_TTCAGGACAAGCGCAA-1-10x	0.27233994	0.91959757	0.000753
7w11w_SITTF3_TTCATTGCACTTGGGC-1-10x	0.09242896	0.27901703	0.0043903
7w11w_SITTF3_TTCCGGTTCGATTGAC-1-10x	0.10020459	0.3067025	0.0040879
7w11w_SITTF3_TTCCGTGCAAGTCATC-1-10x	0.1220163	0.384364	0.0021873
7w11w_SITTF3_TTCCTCTCCATGATG-1-10x	0.12052342	0.37904856	0.0022788
7w11w_SITTF3_TTCGATTAGTCCGCCA-1-10x	0.02624894	0.04338032	4.09E-05
7w11w_SITTF3_TTCTTCCAGCAGAAAG-1-10x	0.03831545	0.08634365	6.36E-05
7w11w_SITTF3_TTCTCCGTAAGTGTG-1-10x	0.20498395	0.67977375	0.0011518
7w11w_SITTF3_TTCTTGATCGTGGGAA-1-10x	0.03358177	0.06948918	5.17E-05
7w11w_SITTF3_TTGAACGAGACATCAA-1-10x	0.02147898	0.0263967	3.69E-05
7w11w_SITTF3_TTGATGGAGACGTCGA-1-10x	0.04632927	0.11487719	0.00010046
7w11w_SITTF3_TTGCGTCTCTATACGG-1-10x	0.02657327	0.04453512	4.09E-05
7w11w_SITTF3_TTGTGTTGTGTTATCG-1-10x	0.13733816	0.4389181	0.0018842
7w11w_SITTF3_TTTACGTGTCGGTGTC-1-10x	0.2669026	0.9002377	0.00075831
7w11w_SITTF3_TTTACTGAGCGCCTAC-1-10x	0.24474144	0.8213319	0.00084014
7w11w_SITTF3_TTTACTGGTTTGGCTA-1-10x	0.15937103	0.51736706	0.0018109
7w11w_SITTF3_TTTCAGTTCACGGAGA-1-10x	0.01596189	0.00675285	3.33E-05
7w11w_SITTF3_AAACGCTAGACATAGT-1-10x	0.03339061	0.06880855	5.17E-05
7w11w_SITTF3_AACAGGGAGGTTACAGG-1-10x	0.05794444	0.15623347	0.00031414
7w11w_SITTF3_AACCATGGTTAGAAGT-1-10x	0.0534464	0.14021802	0.00019264
7w11w_SITTF3_AACGTCACAACTGATC-1-10x	0.02453263	0.03726934	3.91E-05
7w11w_SITTF3_AACTTCTGTGCCTGAC-1-10x	0.07355002	0.21179779	0.0015819
7w11w_SITTF3_AAGACAAAGAGTGTTA-1-10x	0.13447958	0.42874002	0.0019027
7w11w_SITTF3_AATGCCAGTTCTCCTG-1-10x	0.04680962	0.11658748	0.00010777
7w11w_SITTF3_AATGGCTCACCTAAAC-1-10x	0.05926742	0.16094403	0.00034795
7w11w_SITTF3_AATGGCTTCAGAACCT-1-10x	0.02368564	0.03425358	3.83E-05
7w11w_SITTF3_ACACCAAAGCCTCTTC-1-10x	0.01615879	0.00745392	3.33E-05
7w11w_SITTF3_ACACCGGGTAGCCAGA-1-10x	0.10439531	0.3216237	0.0037215
7w11w_SITTF3_ACAGCCGCAATTTCCGG-1-10x	0.2326833	0.77839845	0.00092358
7w11w_SITTF3_ACCCTCAGTAACTGCT-1-10x	0.04061717	0.09453902	7.01E-05
7w11w_SITTF3_ACCGTTCTCTGGCTGG-1-10x	0.02934661	0.05440969	4.42E-05
7w11w_SITTF3_ACTTCCGGTAGCTTAC-1-10x	0.07033344	0.20034504	0.0011935
7w11w_SITTF3_ACTTCCGGTATGGTTC-1-10x	0.02129462	0.02574026	3.69E-05

7w11w_SITTF3_ACTTCGCCAGTGTATC-1-10x	0.06017902	0.1641898	0.00038577
7w11w_SITTF3_AGAAATGTCTAGGCCG-1-10x	0.25015908	0.8406217	0.00081397
7w11w_SITTF3_AGATGCTGTACGACTT-1-10x	0.23560315	0.7887947	0.00090278
7w11w_SITTF3_AGCCAATGTAGCGAGT-1-10x	0.04358826	0.10511768	8.29E-05
7w11w_SITTF3_AGCGCTGCATAATGAG-1-10x	0.01530316	0.00440741	3.27E-05
7w11w_SITTF3_AGCTTCCCATGTCGTA-1-10x	0.05413076	0.14265472	0.00021164
7w11w_SITTF3_AGGAAATTCGCTGTTC-1-10x	0.02496309	0.038802	4.00E-05
7w11w_SITTF3_AGGCATTCACCTTGAGT-1-10x	0.03219509	0.06455185	4.83E-05
7w11w_SITTF3_AGGGTGAAGAATCGTA-1-10x	0.11013047	0.342044	0.0031181
7w11w_SITTF3_AGGGTGACACTCTAGA-1-10x	0.1055156	0.32561257	0.0036214
7w11w_SITTF3_AGGTTGTAGGAGTCTG-1-10x	0.22181796	0.73971194	0.0010106
7w11w_SITTF3_AGTCAACGTGAGGCAT-1-10x	0.01531261	0.00444107	3.27E-05
7w11w_SITTF3_ATCCATTTGGAACGGA-1-10x	0.03082548	0.05967527	4.68E-05
7w11w_SITTF3_ATCGGATAGTTCTACG-1-10x	0.03707708	0.08193439	5.82E-05
7w11w_SITTF3_ATCGTGAAGACCTCAT-1-10x	0.01782798	0.01339713	3.44E-05
7w11w_SITTF3_ATGCCTCGTATCATGC-1-10x	0.0436869	0.10546893	8.81E-05
7w11w_SITTF3_ATTCACTCACGTAAC-1-10x	0.08740678	0.26113534	0.0040384
7w11w_SITTF3_ATTCAGGTCGATCCCT-1-10x	0.01799909	0.01400639	3.44E-05
7w11w_SITTF3_ATTCTAGTCTACAA-1-10x	0.04604383	0.11386085	0.00010046
7w11w_SITTF3_ATTGTTCCAGTATACC-1-10x	0.02419412	0.03606407	3.91E-05
7w11w_SITTF3_CAACAACAGTTTCGGT-1-10x	0.288813	0.97825056	0.0007596
7w11w_SITTF3_CAACGGCTCGCAAGAG-1-10x	0.04282407	0.10239677	8.29E-05
7w11w_SITTF3_CAAGACTTCGAGTTGT-1-10x	0.14890814	0.4801135	0.0018705
7w11w_SITTF3_CAAGAGGAGTGCACCTT-1-10x	0.03335686	0.06868836	5.17E-05
7w11w_SITTF3_CACATGAAGTAGCATA-1-10x	0.19770166	0.65384483	0.0012292
7w11w_SITTF3_CACGGGTGTAGCTGCC-1-10x	0.26726833	0.90153986	0.00075705
7w11w_SITTF3_CAGCAATAGCCTTCTC-1-10x	0.05600171	0.14931631	0.000257
7w11w_SITTF3_CAGCACGAGCAGTACG-1-10x	0.03334935	0.06866164	5.17E-05
7w11w_SITTF3_CATTCATCATGTTCTGA-1-10x	0.05159444	0.13362405	0.00016076
7w11w_SITTF3_CCACACTTCCGCATAA-1-10x	0.23957822	0.80294806	0.00087632
7w11w_SITTF3_CCCTTAGCATTACCC-1-10x	0.09964323	0.30470374	0.0041652
7w11w_SITTF3_CCGATGGCAGGCCCTA-1-10x	0.01775451	0.01313555	3.44E-05
7w11w_SITTF3_CCTTTGGGTA CTGCGC-1-10x	0.25512093	0.8582885	0.00078825
7w11w_SITTF3_CGAATTGTCGTGGGAA-1-10x	0.27206406	0.9186153	0.000753
7w11w_SITTF3_CGGGTACAGGGTTGA-1-10x	0.22995605	0.7686879	0.00094498
7w11w_SITTF3_CGGGTGTGTT CAGCTA-1-10x	0.04606936	0.11395175	0.00010046
7w11w_SITTF3_CGTAAGTTCCTCAGGG-1-10x	0.03723936	0.08251217	6.07E-05
7w11w_SITTF3_CGTCCATGTCTGTTAG-1-10x	0.06377438	0.17699122	0.00058553
7w11w_SITTF3_CGTGATAGTTGAAGTA-1-10x	0.04576602	0.11287168	0.00010046
7w11w_SITTF3_CGTGCTTGATTGGCT-1-10x	0.01952091	0.01942491	3.55E-05
7w11w_SITTF3_CGTTCTGCAAACCGGA-1-10x	0.05290079	0.13827536	0.00017575

7w11w_SITTF3_CTACGGGAGAAATTGC-1-10x	0.04577434	0.11290132	0.00010046
7w11w_SITTF3_CTCCAACGTGTTAAAG-1-10x	0.04897391	0.12429353	0.00012523
7w11w_SITTF3_CTCCCTCTCGGCTGTG-1-10x	0.06160355	0.1692619	0.00047505
7w11w_SITTF3_CTCGAGGGTTAGCTAC-1-10x	0.01917582	0.01819618	3.49E-05
7w11w_SITTF3_CTGTCTAGCAGCCTC-1-10x	0.22365431	0.74625033	0.00099599
7w11w_SITTF3_CTTCCGAGTAATTGGA-1-10x	0.0438378	0.10600618	8.81E-05
7w11w_SITTF3_CTTGAGAGTGATTCTG-1-10x	0.0441348	0.10706367	8.81E-05
7w11w_SITTF3_CTTTCAAAGACCAGCA-1-10x	0.05607821	0.1495887	0.000257
7w11w_SITTF3_GAACTGTCACGTCGGT-1-10x	0.05880099	0.15928327	0.00034795
7w11w_SITTF3_GAAGAATGTAGCTTGT-1-10x	0.07862155	0.22985518	0.002576
7w11w_SITTF3_GAAGCGATCTGAACGT-1-10x	0.04957235	0.12642431	0.00013566
7w11w_SITTF3_GACCTTCAGTCTGGAG-1-10x	0.25403255	0.85441333	0.00079608
7w11w_SITTF3_GAGAAATGTCCACATA-1-10x	0.23982303	0.8038197	0.00087632
7w11w_SITTF3_GAGGCCTAGTGGTCAG-1-10x	0.06099854	0.16710772	0.00042799
7w11w_SITTF3_GAGTCTATCGCCTATC-1-10x	0.15889952	0.5156882	0.0018209
7w11w_SITTF3_GAGTTACCATTACGGT-1-10x	0.01662024	0.00909692	3.38E-05
7w11w_SITTF3_GATGTTGAGGTAGATT-1-10x	0.13524735	0.4314737	0.0018953
7w11w_SITTF3_GATGTTGAGTGCACCC-1-10x	0.040424	0.09385122	7.01E-05
7w11w_SITTF3_GATTCTTGATACGGG-1-10x	0.11075683	0.3442742	0.0030221
7w11w_SITTF3_GCACTAAAGCGGGTAT-1-10x	0.03774159	0.0843004	6.07E-05
7w11w_SITTF3_GCATCTCCAGAGAAAG-1-10x	0.16463746	0.5361184	0.0017494
7w11w_SITTF3_GCATGATCATCAGCTA-1-10x	0.02400469	0.03538957	3.91E-05
7w11w_SITTF3_GCATGATGTCACGCTG-1-10x	0.15403093	0.49835342	0.0018575
7w11w_SITTF3_GCCCGAAGTCGCGTTG-1-10x	0.04241898	0.10095443	7.82E-05
7w11w_SITTF3_GCCGATGCAAGTGCAG-1-10x	0.09271254	0.28002676	0.0044107
7w11w_SITTF3_GCCTGTTAGATTGGGC-1-10x	0.03313373	0.06789391	5.00E-05
7w11w_SITTF3_GCGTGCAGTTTACTTC-1-10x	0.05832834	0.15760039	0.00031414
7w11w_SITTF3_GCTGAATAGTTCATCG-1-10x	0.04098656	0.09585425	7.40E-05
7w11w_SITTF3_GCTTCACTCTGAGTCA-1-10x	0.0530667	0.1388661	0.00019264
7w11w_SITTF3_GGAATGGCATAGCACT-1-10x	0.02638319	0.04385831	4.09E-05
7w11w_SITTF3_GGAGGATAGCAATTAG-1-10x	0.24161652	0.8102055	0.00086374
7w11w_SITTF3_GGGACAATCTTAGCAG-1-10x	0.0610358	0.16724041	0.00042799
7w11w_SITTF3_GGGTCACGTTGCAACT-1-10x	0.06836568	0.19333874	0.00097948
7w11w_SITTF3_GGTCTGGCAGAGATTA-1-10x	0.04008738	0.09265266	7.01E-05
7w11w_SITTF3_GTAGAGGGTTGGGTAG-1-10x	0.0150972	0.0036741	3.27E-05
7w11w_SITTF3_GTAGTACAGGACATCG-1-10x	0.04015238	0.09288409	7.01E-05
7w11w_SITTF3_GTCCCATGTGGGACAT-1-10x	0.05004614	0.12811126	0.00013566
7w11w_SITTF3_GTCTCACGTCTGTCAA-1-10x	0.05145319	0.13312112	0.00016076
7w11w_SITTF3_GTGAGCCCAACTTGGT-1-10x	0.04001745	0.09240367	7.01E-05
7w11w_SITTF3_GTGGAAGAGCTGGCCT-1-10x	0.09140224	0.27536136	0.0043535
7w11w_SITTF3_GTGCGTCACCAATTG-1-10x	0.26031548	0.87678397	0.00077221

7w11w_SITTF3_GTGTGGCGTTAAGGGC-1-10x	0.02781872	0.04896959	4.30E-05
7w11w_SITTF3_GTTAGACTCCTCAGGG-1-10x	0.18434618	0.6062921	0.0014112
7w11w_SITTF3_GTTATGGTCCTGTTAT-1-10x	0.01970989	0.02009775	3.55E-05
7w11w_SITTF3_GTTCTATTCGGACGTC-1-10x	0.0216648	0.02705829	3.69E-05
7w11w_SITTF3_GTTGTAGAGTGTTCCA-1-10x	0.04642848	0.1152304	0.00010046
7w11w_SITTF3_TAATCTCAGGTTCCAGG-1-10x	0.15639319	0.5067643	0.0018385
7w11w_SITTF3_TAATCTCTCGGAGCAA-1-10x	0.04068528	0.09478153	7.01E-05
7w11w_SITTF3_TACAGGTGTCCTCCAT-1-10x	0.1445704	0.46466878	0.0018716
7w11w_SITTF3_TACCTCGAGACGGATC-1-10x	0.0539204	0.14190573	0.00019264
7w11w_SITTF3_TACGGTAGTGTCCGTG-1-10x	0.11301673	0.35232064	0.0028393
7w11w_SITTF3_TACTGCCGTAGGGTAC-1-10x	0.01714094	0.01095092	3.38E-05
7w11w_SITTF3_TACTGCCTCGTAGGAG-1-10x	0.27966797	0.9456893	0.00075303
7w11w_SITTF3_TACTTGTCATAATCGC-1-10x	0.20459047	0.67837274	0.0011518
7w11w_SITTF3_TAGGAGGAGAATCTAG-1-10x	0.04683405	0.11667446	0.00010777
7w11w_SITTF3_TATATCCCAGCGGTCT-1-10x	0.22498736	0.7509967	0.00098137
7w11w_SITTF3_TATTCCAAGGATGCGT-1-10x	0.04808631	0.1211332	0.00011598
7w11w_SITTF3_TCAATCTAGTGACCTT-1-10x	0.02613951	0.0429907	4.09E-05
7w11w_SITTF3_TCACAAGAGGACACTG-1-10x	0.02248712	0.0299862	3.76E-05
7w11w_SITTF3_TCACACCAGTAAACAC-1-10x	0.02848142	0.05132917	4.30E-05
7w11w_SITTF3_TCACGCTGTATTCCTT-1-10x	0.09020007	0.27108097	0.0042999
7w11w_SITTF3_TCACGCTTCACGAGGA-1-10x	0.01712432	0.01089174	3.38E-05
7w11w_SITTF3_TCATATCTCGCATAGT-1-10x	0.12660928	0.4007175	0.0020256
7w11w_SITTF3_TCCACATCTGAATCG-1-10x	0.03412776	0.07143319	5.17E-05
7w11w_SITTF3_TCCGATCAGAGGGCGA-1-10x	0.01742837	0.0119743	3.44E-05
7w11w_SITTF3_TCCGATCTCGAGAAGC-1-10x	0.04199313	0.09943816	7.82E-05
7w11w_SITTF3_TCCTAATGTAGTGATA-1-10x	0.13917933	0.4454737	0.0018772
7w11w_SITTF3_TCCTCGAAGGAATCGC-1-10x	0.25937545	0.8734369	0.00077499
7w11w_SITTF3_TCCTGCAGTTAGAAAC-1-10x	0.0209863	0.02464248	3.62E-05
7w11w_SITTF3_TCGGATAAGGTCCCGT-1-10x	0.03716471	0.08224639	6.07E-05
7w11w_SITTF3_TGACAGTGTTCGTTT-1-10x	0.02739847	0.04747326	4.19E-05
7w11w_SITTF3_TGATGCATCTAGCCAA-1-10x	0.1056653	0.32614556	0.00352
7w11w_SITTF3_TGGAAGTAGTGAGTTA-1-10x	0.01815879	0.014575	3.44E-05
7w11w_SITTF3_TGGATGTCAGAAATCA-1-10x	0.05238806	0.13644975	0.00017575
7w11w_SITTF3_TGGCGTGGTAATTGGA-1-10x	0.09301836	0.28111562	0.0044107
7w11w_SITTF3_TGGGAGAGTCTTGCTC-1-10x	0.22086586	0.7363219	0.0010179
7w11w_SITTF3_TGGGAGAGTTGTGCCG-1-10x	0.22386275	0.74699247	0.00099599
7w11w_SITTF3_TGGTACAGTGAGATTA-1-10x	0.03967144	0.09117168	6.67E-05
7w11w_SITTF3_TGTCCACCATGTCAGT-1-10x	0.02941994	0.05467081	4.42E-05
7w11w_SITTF3_TGTGAGTGTGTGCCG-1-10x	0.11731625	0.3676293	0.002453
7w11w_SITTF3_TGTTGGAGTCGACGCT-1-10x	0.04184097	0.0988964	7.82E-05
7w11w_SITTF3_TGTTGGATCTACTTCA-1-10x	0.1576753	0.5113293	0.0018302

7w11w_SITTF3_TTAGGGTCAGAACTTC-1-10x	0.17373285	0.5685029	0.0015922
7w11w_SITTF3_TTCCGGTTCGATACGT-1-10x	0.01734204	0.01166695	3.38E-05
7w11w_SITTF3_TTCTCCACATACTG-1-10x	0.09176445	0.27665102	0.0043903
7w11w_SITTF3_TTGAGTGAGGATATGT-1-10x	0.06379359	0.1770596	0.00058553
7w11w_SITTF3_TTGCTGCTCACCTGGG-1-10x	0.01915758	0.01813125	3.49E-05
7w11w_SITTF3_TTGGGATCCAACTAG-1-10x	0.07512599	0.21740909	0.001885
7w11w_SITTF3_TTGGGCGGTCCTGAAT-1-10x	0.0262068	0.04323027	4.09E-05
7w11w_SITTF3_TTGGGTAGTACTCGAT-1-10x	0.02014446	0.02164509	3.55E-05
7w11w_SITTF3_TTGTGGAGTAGCCAGA-1-10x	0.0206937	0.02360065	3.62E-05
7w11w_SITTF3_TTGTGTTAGGTCCAGA-1-10x	0.07436387	0.21469553	0.0017292
7w11w_SITTF3_TTTACTGTCCGACATA-1-10x	0.09720413	0.29601923	0.0042943
7w11w_SITTF3_TTTACTGTCTGCACCT-1-10x	0.01909252	0.01789958	3.49E-05
7w11w_SITTF3_TTTATGCAGGCTATCT-1-10x	0.04267226	0.10185625	7.82E-05
7w11w_SITTF3_TTTCAGTTCCGGACTG-1-10x	0.14478481	0.46543223	0.0018716
7w11w_SITTF3_TTTGACTAGTAGCAAT-1-10x	0.05198601	0.13501826	0.00016076
16w_SITTD12_AAACCCACAGATCCAT-1-10x	0.14743541	0.4748698	0.0018716
16w_SITTD12_AAACGCTAGCCTGACC-1-10x	0.01818199	0.01465761	3.44E-05
16w_SITTD12_AAACGCTGTTAAGACA-1-10x	0.05185839	0.13456385	0.00016076
16w_SITTD12_AAAGAACCACATTCTT-1-10x	0.02025085	0.02202387	3.62E-05
16w_SITTD12_AAAGGATGTGCCTTCT-1-10x	0.22770937	0.76068854	0.00096676
16w_SITTD12_AAAGGATGTGTTGACT-1-10x	0.06968012	0.19801885	0.0010821
16w_SITTD12_AAATGGAAGCATTGTC-1-10x	0.18404284	0.60521203	0.0014112
16w_SITTD12_AAATGGAAGGATATGT-1-10x	0.21633428	0.72018707	0.001055
16w_SITTD12_AAATGGATCCTACGGG-1-10x	0.21651314	0.7208239	0.0010475
16w_SITTD12_AACAAAGAGTCGAAAT-1-10x	0.04917782	0.12501957	0.00012523
16w_SITTD12_AACAAAGCAAGTATCC-1-10x	0.27031368	0.91238296	0.00075418
16w_SITTD12_AACAAAGGTGGACCTC-1-10x	0.05351822	0.14047374	0.00019264
16w_SITTD12_AACAAGAAGACGCAGT-1-10x	0.02767142	0.04844513	4.19E-05
16w_SITTD12_AACAAGAAGAGTTCGG-1-10x	0.09179351	0.27675447	0.0043903
16w_SITTD12_AACAAGACAGTTCACA-1-10x	0.18972711	0.62545115	0.0013244
16w_SITTD12_AACAAGATCGAGTGGA-1-10x	0.19034602	0.6276548	0.0013113
16w_SITTD12_AACAAGATCTGCGGAC-1-10x	0.04299429	0.10300286	8.29E-05
16w_SITTD12_AACACACAGTGTTGAA-1-10x	0.25623152	0.8622428	0.00078463
16w_SITTD12_AACCAACCAGTAGTTC-1-10x	0.26267308	0.88517827	0.00076511
16w_SITTD12_AACCAACGTCGCTCGA-1-10x	0.02274901	0.03091868	3.76E-05
16w_SITTD12_AACCCAACACAGTGAG-1-10x	0.09953203	0.30430782	0.0041652
16w_SITTD12_AACCTTTAGCCGGAAT-1-10x	0.23480733	0.7859611	0.00090964
16w_SITTD12_AACCTTTTCTTCTGTA-1-10x	0.08393015	0.24875668	0.0034742
16w_SITTD12_AACGAAAAGCACTCGC-1-10x	0.01723379	0.01128151	3.38E-05
16w_SITTD12_AACGAAACACACTGGC-1-10x	0.2668137	0.8999211	0.00075831
16w_SITTD12_AAGACTCTCAACCTCC-1-10x	0.03526826	0.07549398	5.58E-05

16w_SITTD12_AAGATAGCACTCCGGA-1-10x	0.01731091	0.0115561	3.38E-05
16w_SITTD12_AAGATAGCAGCCGGTT-1-10x	0.2183308	0.72729576	0.00104
16w_SITTD12_AAGCATCTCACATCAG-1-10x	0.28993267	0.98223716	0.00076163
16w_SITTD12_AAGCCATGTATGCGTT-1-10x	0.1888595	0.62236196	0.001338
16w_SITTD12_AAGCGAGAGGAAGTAG-1-10x	0.07967908	0.23362055	0.0027593
16w_SITTD12_AAGGAATAGGGCAGGA-1-10x	0.05202463	0.13515577	0.00016076
16w_SITTD12_AAGGTAAAGGCAGGTT-1-10x	0.14760683	0.47548017	0.0018716
16w_SITTD12_AAGGTAAAGTGACACG-1-10x	0.2746324	0.92775995	0.00075233
16w_SITTD12_AAGGTAATCAGGACGA-1-10x	0.12367748	0.3902787	0.0021124
16w_SITTD12_AAGTACCAGCCTCTCT-1-10x	0.14527759	0.46718678	0.0018716
16w_SITTD12_AAGTACCGTTGACTGT-1-10x	0.08131059	0.23942961	0.0031253
16w_SITTD12_AAGTCGTAGTAAGACT-1-10x	0.23511602	0.7870602	0.00090964
16w_SITTD12_AAGTGAAAGCTGTTAC-1-10x	0.09417271	0.28522572	0.0044154
16w_SITTD12_AAGTGAACACTGGAAG-1-10x	0.02618613	0.04315667	4.09E-05
16w_SITTD12_AAGTTTCGAGGTTGACG-1-10x	0.27536777	0.93037826	0.00075218
16w_SITTD12_AAGTTTCGAGTCCGTG-1-10x	0.13002892	0.41289327	0.0019639
16w_SITTD12_AATAGAGCAAGATGGC-1-10x	0.26462168	0.89211637	0.00076135
16w_SITTD12_AATAGAGGTTATCTTC-1-10x	0.048787	0.12362804	0.00012523
16w_SITTD12_AATCGACCACCTTCGT-1-10x	0.047578	0.11932334	0.00011598
16w_SITTD12_AATCGACCAGCGCTTG-1-10x	0.02151389	0.026521	3.69E-05
16w_SITTD12_AATGAAGTTGCAACT-1-10x	0.03935059	0.09002931	6.67E-05
16w_SITTD12_AATGACCCAAAGGAGA-1-10x	0.06574758	0.1840169	0.00072102
16w_SITTD12_AATTTCCAGAAATCCA-1-10x	0.20380144	0.67556334	0.0011608
16w_SITTD12_AATTTCCGTAGGAGTC-1-10x	0.05938145	0.16135001	0.00034795
16w_SITTD12_AATTTCCGTTTGGAGG-1-10x	0.12934601	0.41046175	0.0019639
16w_SITTD12_ACAACCAGTTCCGGTG-1-10x	0.27454862	0.9274616	0.00075233
16w_SITTD12_ACAACCATCCAACACA-1-10x	0.2845982	0.9632436	0.00075605
16w_SITTD12_ACAAGCTAGCGAATGC-1-10x	0.05110012	0.13186398	0.00014746
16w_SITTD12_ACACCAACACCGTCTT-1-10x	0.01590571	0.00655282	3.33E-05
16w_SITTD12_ACACGCGTCAGTGCGC-1-10x	0.21774009	0.7251925	0.00104
16w_SITTD12_ACACTGATCTAGGAAA-1-10x	0.01552332	0.00519129	3.33E-05
16w_SITTD12_ACAGAAAAGGAAGTAG-1-10x	0.08679622	0.25896144	0.0039187
16w_SITTD12_ACAGAAAAGTCTCTGA-1-10x	0.24031179	0.80556	0.00086997
16w_SITTD12_ACAGAAAGTATGTGTC-1-10x	0.04052836	0.09422281	7.01E-05
16w_SITTD12_ACAGAAAGTTCTTAGG-1-10x	0.04499646	0.11013167	9.39E-05
16w_SITTD12_ACAGCCGCACTGTTCC-1-10x	0.16781399	0.54742855	0.0016902
16w_SITTD12_ACAGGGAAGCGTGCCT-1-10x	0.08833423	0.26443756	0.0041422
16w_SITTD12_ACAGGGAGTGACACAG-1-10x	0.01716562	0.01103878	3.38E-05
16w_SITTD12_ACATCCCCTCTGTTT-1-10x	0.0153064	0.00441897	3.27E-05
16w_SITTD12_ACATCCCTCGAGAGAC-1-10x	0.19087481	0.6295376	0.0013113
16w_SITTD12_ACATCGAAGTAATCCC-1-10x	0.04316798	0.10362126	8.29E-05

16w_SITTD12_ACCAAACAGCGACCCT-1-10x	0.04251923	0.10131136	7.82E-05
16w_SITTD12_ACCAAACAGGGCCAAT-1-10x	0.22920278	0.7660059	0.0009522
16w_SITTD12_ACCAAACCAAAGAGTT-1-10x	0.10259364	0.3152088	0.0039137
16w_SITTD12_ACCAAACTCATCGACA-1-10x	0.26865625	0.9064816	0.00075594
16w_SITTD12_ACCAAACTCGGCATAT-1-10x	0.0399132	0.09203249	7.01E-05
16w_SITTD12_ACCAACAAGGGCAATC-1-10x	0.2002635	0.6629664	0.0011985
16w_SITTD12_ACCAACACAACGACTT-1-10x	0.04777642	0.1200298	0.00011598
16w_SITTD12_ACCCTTGTCATCGGGC-1-10x	0.12971139	0.41176268	0.0019639
16w_SITTD12_ACCGTTCAGATAGTCA-1-10x	0.22061902	0.73544306	0.0010179
16w_SITTD12_ACCGTTCTGTGCACAT-1-10x	0.08969279	0.2692748	0.0042999
16w_SITTD12_ACCTGAAGTATTAAGG-1-10x	0.04720159	0.11798312	0.00010777
16w_SITTD12_ACCTGTCAGCACTGGA-1-10x	0.10477296	0.32296836	0.0036214
16w_SITTD12_ACGCACGCACGAAAGC-1-10x	0.20238887	0.67053384	0.0011792
16w_SITTD12_ACGCACGTCGCCTAGG-1-10x	0.0338966	0.07061015	5.17E-05
16w_SITTD12_ACGGAAGTCAGCAATC-1-10x	0.09140042	0.27535486	0.0043535
16w_SITTD12_ACGGAAGTCCCGAATA-1-10x	0.04556921	0.11217094	0.00010046
16w_SITTD12_ACGGGTCTCATGAAAG-1-10x	0.27108347	0.9151238	0.00075352
16w_SITTD12_ACGGTGCAAGACGGT-1-10x	0.20505168	0.68001485	0.0011518
16w_SITTD12_ACGGTGTCAGTTCC-1-10x	0.22035667	0.73450893	0.0010179
16w_SITTD12_ACGGTTACACTTTATC-1-10x	0.18389449	0.6046838	0.0014112
16w_SITTD12_ACGGTTAGTGTCCAA-1-10x	0.26803523	0.90427047	0.00075705
16w_SITTD12_ACGGTTATCTCCGAAA-1-10x	0.15999752	0.5195977	0.0018109
16w_SITTD12_ACGTAACGTTAAGGGC-1-10x	0.2763625	0.9339201	0.00075214
16w_SITTD12_ACGTAGTCACCACATA-1-10x	0.0914253	0.27544346	0.0043535
16w_SITTD12_ACGTCCTCATGGCTAT-1-10x	0.06330348	0.17531456	0.00052741
16w_SITTD12_ACGTTCCCATAGAGGC-1-10x	0.02309658	0.03215623	3.83E-05
16w_SITTD12_ACTACGAGTCCCTAAA-1-10x	0.22013067	0.73370427	0.0010253
16w_SITTD12_ACTACGATCACGACTA-1-10x	0.01902035	0.01764264	3.49E-05
16w_SITTD12_ACTACGATCTACGGGC-1-10x	0.0237402	0.03444784	3.83E-05
16w_SITTD12_ACTATCTGTGGAGAAA-1-10x	0.25138232	0.8449771	0.00080467
16w_SITTD12_ACTATGGCACATATGC-1-10x	0.16428062	0.53484786	0.0017494
16w_SITTD12_ACTCCCAAGACGACGT-1-10x	0.04779303	0.12008896	0.00011598
16w_SITTD12_ACTCTCGCATGGTGGA-1-10x	0.06048495	0.16527908	0.00038577
16w_SITTD12_ACTCTCGCATGTTACG-1-10x	0.09151933	0.27577826	0.0043535
16w_SITTD12_ACTGATGCAAACAGGC-1-10x	0.10790426	0.33411747	0.0033168
16w_SITTD12_ACTGATGGTGCCACA-1-10x	0.24209867	0.81192225	0.00085764
16w_SITTD12_ACTGCAATCTGAGATC-1-10x	0.09066878	0.27274984	0.0043535
16w_SITTD12_ACTGTGATCTCTGGTC-1-10x	0.2900187	0.9825435	0.00076163
16w_SITTD12_ACTTATCCACTTTATC-1-10x	0.04154292	0.09783517	7.40E-05
16w_SITTD12_ACTTATCGTAGTACGG-1-10x	0.2723661	0.9196907	0.000753
16w_SITTD12_ACTTCGCAGTAGCTCT-1-10x	0.2270255	0.7582536	0.00096676

16w_SITTD12_ACTTCGCCACGGCTAC-1-10x	0.04500627	0.11016657	9.39E-05
16w_SITTD12_ACTTCGCCAGGAAGTC-1-10x	0.05052387	0.12981224	0.00014746
16w_SITTD12_ACTTCGCGTGCCTAAT-1-10x	0.28588846	0.96783763	0.00075686
16w_SITTD12_ACTTTCAAGTGACACG-1-10x	0.24510351	0.8226211	0.00084014
16w_SITTD12_ACTTTGTCAACGAGGT-1-10x	0.26699877	0.90058005	0.00075831
16w_SITTD12_AGAAATGAGCAATTCC-1-10x	0.14691222	0.47300693	0.0018717
16w_SITTD12_AGAAATGTCAAAGACA-1-10x	0.19279853	0.63638705	0.0012861
16w_SITTD12_AGAAATGTCTTGGCTC-1-10x	0.07973787	0.23382989	0.0027593
16w_SITTD12_AGAACAACAGCTTCGG-1-10x	0.02341967	0.03330659	3.83E-05
16w_SITTD12_AGAACCTCACACTTAG-1-10x	0.19894716	0.6582795	0.0012085
16w_SITTD12_AGAAGCGTCGGAGCAA-1-10x	0.10297583	0.3165696	0.0038193
16w_SITTD12_AGACAAACATCACCAA-1-10x	0.02109598	0.025033	3.62E-05
16w_SITTD12_AGACAAAGTAACACCT-1-10x	0.04702247	0.11734533	0.00010777
16w_SITTD12_AGACACTAGTCGAAGC-1-10x	0.08318281	0.24609575	0.0034742
16w_SITTD12_AGACAGGAGATTACCC-1-10x	0.09185469	0.27697232	0.0043903
16w_SITTD12_AGACAGGTCCGGTCAGC-1-10x	0.08896647	0.26668867	0.0042295
16w_SITTD12_AGACCATAGACGGTCA-1-10x	0.0295652	0.05518799	4.55E-05
16w_SITTD12_AGACCATAGATGGTCG-1-10x	0.17432296	0.570604	0.0015753
16w_SITTD12_AGACTCACACAAGCTT-1-10x	0.26319727	0.88704467	0.00076511
16w_SITTD12_AGACTCATCTTGTTAC-1-10x	0.27693132	0.93594533	0.00075222
16w_SITTD12_AGAGAATAGCATCGAG-1-10x	0.089036	0.26693627	0.0042295
16w_SITTD12_AGAGAATCATCGAGCC-1-10x	0.09192112	0.27720886	0.0043903
16w_SITTD12_AGAGAATCATCTCGTC-1-10x	0.01961691	0.01976669	3.55E-05
16w_SITTD12_AGAGCAGCACCTGAAT-1-10x	0.09615959	0.2923001	0.0043808
16w_SITTD12_AGATCGTAGTAGTGCG-1-10x	0.03031013	0.05784036	4.55E-05
16w_SITTD12_AGATCGTTCGGATACT-1-10x	0.14162838	0.45419365	0.0018724
16w_SITTD12_AGATGAATCGTAGAGG-1-10x	0.0386188	0.08742373	6.36E-05
16w_SITTD12_AGCATCAAGAAGCGGG-1-10x	0.02069289	0.0235978	3.62E-05
16w_SITTD12_AGCATCATCACGGAGA-1-10x	0.09704743	0.2954613	0.0043435
16w_SITTD12_AGCCAATAGTGACCTT-1-10x	0.09188066	0.2770648	0.0043903
16w_SITTD12_AGCCACGCAGAAATTG-1-10x	0.04293558	0.10279381	8.29E-05
16w_SITTD12_AGCGATTCACATTACG-1-10x	0.09215237	0.27803224	0.0043903
16w_SITTD12_AGCGATTGTGGTATGG-1-10x	0.10590706	0.32700637	0.00352
16w_SITTD12_AGCGCCAAGATCGCTT-1-10x	0.08262296	0.24410237	0.0033032
16w_SITTD12_AGCGCCATCAAAGAAC-1-10x	0.07486123	0.21646641	0.001885
16w_SITTD12_AGCGTATTCTGTCTCG-1-10x	0.19583581	0.6472014	0.00124
16w_SITTD12_AGCTACAAGCGTCTCG-1-10x	0.10218889	0.31376767	0.0039137
16w_SITTD12_AGCTACAGTCAAGCGA-1-10x	0.04574532	0.11279801	0.00010046
16w_SITTD12_AGCTCAATCAACTTTC-1-10x	0.2544217	0.85579896	0.00079207
16w_SITTD12_AGGAAATGTCCTTGTC-1-10x	0.21424232	0.7127386	0.0010701
16w_SITTD12_AGGAAATTCTCCAATT-1-10x	0.04393203	0.1063417	8.81E-05

16w_SITTD12_AGGAATAAGCCATTGT-1-10x	0.05015443	0.12849684	0.00013566
16w_SITTD12_AGGAATAGTGATAGTA-1-10x	0.16245805	0.5283585	0.001776
16w_SITTD12_AGGAATAGTTCTCTAT-1-10x	0.17095321	0.5586059	0.0016421
16w_SITTD12_AGGACTTCATAATGAG-1-10x	0.05058291	0.13002244	0.00014746
16w_SITTD12_AGGATCTTCAATCTTC-1-10x	0.07985666	0.23425283	0.0027593
16w_SITTD12_AGGCATTAGGTTAAAC-1-10x	0.08641949	0.25762007	0.0039187
16w_SITTD12_AGGCATTCTGGCCTT-1-10x	0.23708226	0.7940611	0.00089602
16w_SITTD12_AGGCCACGTAGCGATG-1-10x	0.2685062	0.9059473	0.00075594
16w_SITTD12_AGGCTGCGTACAGTAA-1-10x	0.07118864	0.20339002	0.0013138
16w_SITTD12_AGGGAGTAGCCTCAAT-1-10x	0.0750421	0.21711041	0.001885
16w_SITTD12_AGGGCTCGTACTCAAC-1-10x	0.08384062	0.24843788	0.0034742
16w_SITTD12_AGGGCTCGTATGTCCA-1-10x	0.06347746	0.17593402	0.00058553
16w_SITTD12_AGGGCTCTCGAGATGG-1-10x	0.02353474	0.03371631	3.83E-05
16w_SITTD12_AGGGTGATCCCTGTTG-1-10x	0.02407564	0.03564218	3.91E-05
16w_SITTD12_AGGGTTTCAACCACAT-1-10x	0.07632763	0.2216876	0.0020486
16w_SITTD12_AGGTAGGTACCTCGT-1-10x	0.21748924	0.7242994	0.00104
16w_SITTD12_AGGTCATTCGGACCAC-1-10x	0.20392147	0.6759907	0.0011608
16w_SITTD12_AGGTCTACACTAGTAC-1-10x	0.02390748	0.03504347	3.83E-05
16w_SITTD12_AGGTCTACATCCGGTG-1-10x	0.23999797	0.8044426	0.00086997
16w_SITTD12_AGGTCTAGTTAGAGAT-1-10x	0.09909432	0.3027493	0.0041652
16w_SITTD12_AGGTGTTGTCTAGGCC-1-10x	0.0851898	0.2532417	0.0037839
16w_SITTD12_AGGTTACCAAAGCACG-1-10x	0.05188671	0.13466467	0.00016076
16w_SITTD12_AGTAACCAGCGAATGC-1-10x	0.22415815	0.7480443	0.00098869
16w_SITTD12_AGTAACCTCTTGCAT-1-10x	0.22496831	0.7509289	0.00098137
16w_SITTD12_AGTAAGTTGAAGT-1-10x	0.0163082	0.0079859	3.33E-05
16w_SITTD12_AGTCAACAGCCAACCC-1-10x	0.12149318	0.38250142	0.0022308
16w_SITTD12_AGTCAACGTGTGCCTG-1-10x	0.08511727	0.25298345	0.0037839
16w_SITTD12_AGTCACATCTTGGTCC-1-10x	0.06724978	0.18936552	0.00088537
16w_SITTD12_AGTCATGAGTGCTACT-1-10x	0.15731892	0.5100604	0.0018302
16w_SITTD12_AGTCATGGTTCGGTTA-1-10x	0.08690262	0.25934026	0.0040384
16w_SITTD12_AGTGACTGTAGGCAGT-1-10x	0.26957533	0.90975404	0.00075499
16w_SITTD12_AGTGACTGTGCATGTT-1-10x	0.08951018	0.2686246	0.0042295
16w_SITTD12_AGTTCCCAGGTCTCG-1-10x	0.27536267	0.9303601	0.00075218
16w_SITTD12_ATACCGACAAGATGTA-1-10x	0.09198327	0.27743015	0.0043903
16w_SITTD12_ATACCTTCTAAGCGT-1-10x	0.12542343	0.39649522	0.0020515
16w_SITTD12_ATACTTCAGTTAGAAC-1-10x	0.15256174	0.4931223	0.0018651
16w_SITTD12_ATACTTCGTCAGGCAA-1-10x	0.02099326	0.02466725	3.62E-05
16w_SITTD12_ATAGACCAGAGCATCG-1-10x	0.2656372	0.8957321	0.00075974
16w_SITTD12_ATAGACCTCGCTAAAC-1-10x	0.18797433	0.6192103	0.0013519
16w_SITTD12_ATAGAGATCCTGTTAT-1-10x	0.04928326	0.12539499	0.00012523
16w_SITTD12_ATATCCTAGCCTTCTC-1-10x	0.08206932	0.24213108	0.0031253

16w_SITTD12_ATATCCTGTCTTGCTC-1-10x	0.08683167	0.25908765	0.0039187
16w_SITTD12_ATATCCTGTTGTGCCG-1-10x	0.09697637	0.29520828	0.0043435
16w_SITTD12_ATCACAGAGGTCATTC-1-10x	0.16927835	0.55264246	0.0016744
16w_SITTD12_ATCACAGCACGCGCTA-1-10x	0.05358008	0.14069399	0.00019264
16w_SITTD12_ATCACAGTCTGAGCAT-1-10x	0.07147378	0.20440525	0.0013138
16w_SITTD12_ATCACGAAGCTATCCA-1-10x	0.08198227	0.24182117	0.0031253
16w_SITTD12_ATCACTTAGCACCCAC-1-10x	0.01920972	0.0183169	3.49E-05
16w_SITTD12_ATCACTTGTCTACGTA-1-10x	0.2090049	0.6940905	0.0011095
16w_SITTD12_ATCATTCTCCAAGTGA-1-10x	0.08017688	0.23539297	0.0027593
16w_SITTD12_ATCCATTAGCCTTCTC-1-10x	0.08353148	0.24733718	0.0034742
16w_SITTD12_ATCCATTGTGCAATGG-1-10x	0.2310769	0.77267873	0.00093779
16w_SITTD12_ATCCCTGAGTCATTGC-1-10x	0.01656442	0.0088982	3.38E-05
16w_SITTD12_ATCCGTCGTACCAGAG-1-10x	0.28165153	0.9527518	0.00075401
16w_SITTD12_ATCCTATAGGCGCTCT-1-10x	0.2764684	0.9342971	0.00075214
16w_SITTD12_ATCCTATGTAGCGTCC-1-10x	0.24280754	0.8144462	0.00085167
16w_SITTD12_ATCCTATTCGTAATGC-1-10x	0.05057303	0.12998725	0.00014746
16w_SITTD12_ATCGCCTCAGTCCCGA-1-10x	0.25517997	0.85849875	0.00078825
16w_SITTD12_ATCGCCTCATTCTCCG-1-10x	0.01877438	0.01676684	3.49E-05
16w_SITTD12_ATCGCCTTCGCTGTCT-1-10x	0.02984578	0.05618702	4.55E-05
16w_SITTD12_ATCGGATCAGATTCGT-1-10x	0.08526845	0.25352174	0.0037839
16w_SITTD12_ATCGTAGCATCGGAGA-1-10x	0.07122079	0.20350449	0.0013138
16w_SITTD12_ATCGTAGGTCGGCCTA-1-10x	0.05575936	0.1484534	0.000233
16w_SITTD12_ATCGTAGGTTGCGAAG-1-10x	0.16416515	0.5344367	0.0017494
16w_SITTD12_ATCGTCCCAGCGGTCT-1-10x	0.04691187	0.11695155	0.00010777
16w_SITTD12_ATCGTCCGTCTACATG-1-10x	0.17402233	0.5695336	0.0015922
16w_SITTD12_ATCGTGATCCATTGTT-1-10x	0.06890365	0.19525419	0.00097948
16w_SITTD12_ATCTCTAAGCATGCAG-1-10x	0.08973029	0.26940832	0.0042999
16w_SITTD12_ATCTCTAAGGTAAACT-1-10x	0.02440514	0.03681538	3.91E-05
16w_SITTD12_ATCTCTACAAGTGGTT-1-10x	0.26562175	0.89567715	0.00075974
16w_SITTD12_ATCTCTACACCTTCCA-1-10x	0.04063437	0.09460025	7.01E-05
16w_SITTD12_ATGACCAGTCTTGCTC-1-10x	0.24462129	0.82090414	0.00084583
16w_SITTD12_ATGAGGGAGGCCTGCT-1-10x	0.0734515	0.21144703	0.0015819
16w_SITTD12_ATGAGGGAGTCAGGGT-1-10x	0.2178437	0.7255614	0.00104
16w_SITTD12_ATGAGGGGTAATCAAG-1-10x	0.24092528	0.8077443	0.00086374
16w_SITTD12_ATGATCGAGCGAGGAG-1-10x	0.20938705	0.69545114	0.0011095
16w_SITTD12_ATGATCGGTCTCGCTCGA-1-10x	0.03929462	0.08983	6.67E-05
16w_SITTD12_ATGCCTCAGAATGTTG-1-10x	0.2782143	0.9405135	0.00075239
16w_SITTD12_ATGCCTCTCAACTGGT-1-10x	0.0489389	0.12416887	0.00012523
16w_SITTD12_ATGGAGGAGGGATCTG-1-10x	0.05085881	0.1310048	0.00014746
16w_SITTD12_ATGGGTTAGTGCTACT-1-10x	0.16702938	0.54463494	0.0017056
16w_SITTD12_ATGGGTTGTAGCACGA-1-10x	0.07125826	0.2036379	0.0013138

16w_SITTD12_ATGGGTTGTGAATTAG-1-10x	0.02210978	0.02864266	3.76E-05
16w_SITTD12_ATGGTTGCATCTAACG-1-10x	0.20842882	0.6920393	0.0011177
16w_SITTD12_ATGTCCCCACGACAGA-1-10x	0.21448174	0.71359104	0.0010701
16w_SITTD12_ATGTCTTAGTTATGGA-1-10x	0.034764	0.07369855	5.37E-05
16w_SITTD12_ATGTCTTCACTTTAGG-1-10x	0.2792566	0.94422466	0.00075266
16w_SITTD12_ATGTCTTCAGCGTACC-1-10x	0.23444846	0.78468335	0.00090964
16w_SITTD12_ATGTCTTCAGGTTCCGC-1-10x	0.01880933	0.01689128	3.49E-05
16w_SITTD12_ATGTCTTTCTTACCAT-1-10x	0.07133099	0.20389684	0.0013138
16w_SITTD12_ATTACCTTCAGAGTTC-1-10x	0.0781448	0.2281577	0.0023954
16w_SITTD12_ATTACTCAGAAAGTCTA-1-10x	0.04620742	0.11444334	0.00010046
16w_SITTD12_ATTACTCGTAATGCGG-1-10x	0.15528306	0.5028117	0.0018522
16w_SITTD12_ATTACTCTCTCCAGC-1-10x	0.23222679	0.776773	0.00093066
16w_SITTD12_ATTATCCAGGGACACT-1-10x	0.08500511	0.2525841	0.0037839
16w_SITTD12_ATTCAGGAGTAGGATT-1-10x	0.24770391	0.8318799	0.00082396
16w_SITTD12_ATTCATCAGTATGACA-1-10x	0.1322121	0.42066658	0.0019219
16w_SITTD12_ATTCATCCATCGGCCA-1-10x	0.01755517	0.01242581	3.44E-05
16w_SITTD12_ATTCCCAGGAATTAC-1-10x	0.02350076	0.0335953	3.83E-05
16w_SITTD12_ATTCCCGCAGCGGATA-1-10x	0.09509482	0.28850895	0.0044051
16w_SITTD12_ATTCCCGTCTGTGCAA-1-10x	0.04054783	0.09429212	7.01E-05
16w_SITTD12_ATTCCTACAATACAGA-1-10x	0.04485957	0.10964426	9.39E-05
16w_SITTD12_ATTCGTTCAAATACGA-1-10x	0.03972168	0.09135056	6.67E-05
16w_SITTD12_ATTCTACGTTGTCCCT-1-10x	0.27394894	0.92532647	0.00075233
16w_SITTD12_ATTCTACTCTCGCTTG-1-10x	0.04391617	0.10628522	8.81E-05
16w_SITTD12_ATTCTTGGTTTCGTAG-1-10x	0.08984179	0.2698053	0.0042999
16w_SITTD12_ATTCTTGCCTTCGAC-1-10x	0.04176124	0.09861251	7.40E-05
16w_SITTD12_ATTTACCGTGATTCTG-1-10x	0.08152194	0.24018213	0.0031253
16w_SITTD12_ATTTCACCAAGTCCCG-1-10x	0.02715951	0.04662243	4.19E-05
16w_SITTD12_ATTTCACCAGTCAGTT-1-10x	0.09886561	0.30193502	0.0042345
16w_SITTD12_ATTTCACGTACTION-1-10x	0.04867719	0.12323704	0.00012523
16w_SITTD12_ATTTCTGGTACGTTCA-1-10x	0.02866949	0.0519988	4.42E-05
16w_SITTD12_CAAAGAAAGTGATGGC-1-10x	0.25065246	0.8423784	0.00080923
16w_SITTD12_CAAAGAAGTACACGTT-1-10x	0.03972525	0.0913633	6.67E-05
16w_SITTD12_CAAAGAAGTACCTATG-1-10x	0.07002804	0.19925766	0.0011935
16w_SITTD12_CAACAGTAGACATCAA-1-10x	0.01962914	0.01981026	3.55E-05
16w_SITTD12_CAACCAAGTTCGGTAT-1-10x	0.08207492	0.24215104	0.0031253
16w_SITTD12_CAACCTCAGGGAGGTG-1-10x	0.10582115	0.32670048	0.00352
16w_SITTD12_CAACGATAGTTGCCCG-1-10x	0.02916738	0.05377155	4.42E-05
16w_SITTD12_CAACGATCAAGGCTTT-1-10x	0.01667965	0.00930847	3.38E-05
16w_SITTD12_CAAGAGGAGCGTTAGG-1-10x	0.2049865	0.6797828	0.0011518
16w_SITTD12_CAAGCTAAGGTCACCTT-1-10x	0.10228284	0.31410217	0.0039137
16w_SITTD12_CAATTCAGACATATG-1-10x	0.04647521	0.11539679	0.00010777

16w_SITTD12_CAATTTCTCAGATTGC-1-10x	0.16714907	0.54506105	0.0017056
16w_SITTD12_CAATTTCTCTACCACC-1-10x	0.07207362	0.206541	0.0014433
16w_SITTD12_CACACAACATGTGGCC-1-10x	0.04879879	0.12367	0.00012523
16w_SITTD12_CACAGATCAAAGACTA-1-10x	0.09388864	0.2842143	0.0044154
16w_SITTD12_CACAGGCCACAGTGTT-1-10x	0.104557	0.32219943	0.0037215
16w_SITTD12_CACATGATCCGATCGG-1-10x	0.16372532	0.53287065	0.001763
16w_SITTD12_CACATGATCCGCAACG-1-10x	0.08604063	0.25627112	0.0039187
16w_SITTD12_CACCAAATCACCTGTC-1-10x	0.23361857	0.7817285	0.00091657
16w_SITTD12_CACCGTTAGAAGCTGC-1-10x	0.2549259	0.85759413	0.00079207
16w_SITTD12_CACGAATAGAGTCGAC-1-10x	0.0703949	0.20056385	0.0011935
16w_SITTD12_CACGAATAGCACTAGG-1-10x	0.07364249	0.21212703	0.0015819
16w_SITTD12_CACGAATGTGTCTTAG-1-10x	0.10993797	0.34135857	0.0031181
16w_SITTD12_CACGGGTAGCACTGGA-1-10x	0.0398526	0.09181673	6.67E-05
16w_SITTD12_CACGTGGTCGGCTCTT-1-10x	0.0984809	0.30056524	0.0042345
16w_SITTD12_CACTAAGAGCGGGTAT-1-10x	0.02301889	0.0318796	3.83E-05
16w_SITTD12_CACTAAGTCACGGGCT-1-10x	0.16987266	0.5547585	0.0016584
16w_SITTD12_CACTGAAAGCGATCGA-1-10x	0.2886602	0.9777065	0.0007596
16w_SITTD12_CACTGAACAGACATCT-1-10x	0.02688408	0.04564176	4.19E-05
16w_SITTD12_CACTGTCGTATTCCCTT-1-10x	0.23844716	0.79892087	0.00088278
16w_SITTD12_CACTGTCGTGAGCGAT-1-10x	0.2175745	0.72460294	0.00104
16w_SITTD12_CACTTCGCACTACACA-1-10x	0.07380012	0.21268828	0.0017292
16w_SITTD12_CAGAGCCAGCTGCCAC-1-10x	0.04425249	0.10748272	8.81E-05
16w_SITTD12_CAGATACAGATTGGGC-1-10x	0.27223417	0.9192209	0.000753
16w_SITTD12_CAGATACTCGGTCCGGT-1-10x	0.29216453	0.99018383	0.00076378
16w_SITTD12_CAGATCAAGCTTACGT-1-10x	0.06399208	0.17776634	0.00058553
16w_SITTD12_CAGATCATCCATAGAC-1-10x	0.28993025	0.9822286	0.00076163
16w_SITTD12_CAGATCATCGTTCCTG-1-10x	0.05108063	0.13179459	0.00014746
16w_SITTD12_CAGATTGTCATGCGGC-1-10x	0.04685096	0.11673469	0.00010777
16w_SITTD12_CAGCAATTCACCTACC-1-10x	0.01575107	0.00600221	3.33E-05
16w_SITTD12_CAGCACGCAGGTATGG-1-10x	0.23782375	0.79670125	0.00088935
16w_SITTD12_CAGCCAGCACGCCACA-1-10x	0.08586985	0.25566304	0.0037839
16w_SITTD12_CAGCCAGTCTGCGATA-1-10x	0.09105542	0.27412647	0.0043535
16w_SITTD12_CAGCGTGAGGGACAGG-1-10x	0.06076635	0.16628101	0.00042799
16w_SITTD12_CAGCGTGAGTGGTTAA-1-10x	0.2833396	0.9587622	0.00075531
16w_SITTD12_CAGCGTGTCTTTGAT-1-10x	0.08929053	0.26784253	0.0042295
16w_SITTD12_CAGGGCTAGCACTCTA-1-10x	0.1629328	0.53004885	0.001776
16w_SITTD12_CAGGGCTAGGTGCCTC-1-10x	0.24261251	0.8137518	0.00085764
16w_SITTD12_CAGTTAGAGAGCCCAA-1-10x	0.07714043	0.2245816	0.0022191
16w_SITTD12_CAGTTAGAGGCCCGTT-1-10x	0.2088806	0.6936479	0.0011177
16w_SITTD12_CAGTTAGAGTGGAAGA-1-10x	0.25386158	0.8538046	0.00079608
16w_SITTD12_CAGTTCCCACTGGCGT-1-10x	0.02354609	0.0337567	3.83E-05

16w_SITTD12_CATAAGCCAAAGCTAA-1-10x	0.1148936	0.35900334	0.0026715
16w_SITTD12_CATACAGCATTACACAG-1-10x	0.08001015	0.23479934	0.0027593
16w_SITTD12_CATACAGGTA CTCCC-1-10x	0.19910282	0.65883374	0.0012085
16w_SITTD12_CATACCCGTAGCGCTC-1-10x	0.03570441	0.07704692	5.58E-05
16w_SITTD12_CATCAAGCACCAAATC-1-10x	0.04156194	0.0979029	7.40E-05
16w_SITTD12_CATCAAGCATAATGCC-1-10x	0.08969835	0.2692946	0.0042999
16w_SITTD12_CATCCACAGACCTCAT-1-10x	0.23435736	0.784359	0.00090964
16w_SITTD12_CATCCACCACCAAAGG-1-10x	0.28143626	0.95198536	0.00075401
16w_SITTD12_CATCCGTACAGACCAAG-1-10x	0.27768037	0.93861234	0.00075239
16w_SITTD12_CATCCGTTACCTACC-1-10x	0.02623447	0.04332878	4.09E-05
16w_SITTD12_CATCGTCCACAGTCGC-1-10x	0.08000643	0.2347861	0.0027593
16w_SITTD12_CATCGTCCATCGGATT-1-10x	0.21407406	0.7121394	0.0010701
16w_SITTD12_CATGAGTAGAAGTGTT-1-10x	0.2351863	0.7873104	0.00090964
16w_SITTD12_CATGAGTTCCAATGCA-1-10x	0.26197204	0.8826822	0.00076727
16w_SITTD12_CATGAGTTCCGACGGT-1-10x	0.20976269	0.69678867	0.0011095
16w_SITTD12_CATGCAATCGAGAGAC-1-10x	0.01588199	0.00646835	3.33E-05
16w_SITTD12_CATGCGGCATATAGCC-1-10x	0.03040942	0.05819388	4.55E-05
16w_SITTD12_CATGGATCATGACTTG-1-10x	0.28925863	0.97983724	0.0007606
16w_SITTD12_CATGGATCATTGATG-1-10x	0.04699165	0.1172356	0.00010777
16w_SITTD12_CATGGATGTCCTACAA-1-10x	0.232779	0.77873915	0.00092358
16w_SITTD12_CATGGATTCATAGGCT-1-10x	0.05984096	0.16298611	0.00038577
16w_SITTD12_CATGGTAAGTAGAGTT-1-10x	0.05679395	0.1521371	0.000257
16w_SITTD12_CATTCATAGGCACAAC-1-10x	0.03215859	0.06442189	4.83E-05
16w_SITTD12_CATTCATCACCTCAGG-1-10x	0.05046928	0.12961785	0.00014746
16w_SITTD12_CATTGAGGTCGCGTTG-1-10x	0.0186154	0.01620079	3.49E-05
16w_SITTD12_CATTGCCAACACTAC-1-10x	0.09988062	0.305549	0.0041652
16w_SITTD12_CATTGCCTCTACCAC-1-10x	0.28276527	0.9567174	0.00075462
16w_SITTD12_CCACAAAGTTCAGTAC-1-10x	0.01747431	0.01213789	3.44E-05
16w_SITTD12_CCACAAATCGTTTACT-1-10x	0.13248311	0.42163152	0.0019219
16w_SITTD12_CCACACTTCCATCAGA-1-10x	0.08213314	0.24235836	0.0031253
16w_SITTD12_CCACCATCACAAGCCC-1-10x	0.08753039	0.26157546	0.0040384
16w_SITTD12_CCACCATCACTCCACT-1-10x	0.24979776	0.8393352	0.00081397
16w_SITTD12_CCACCATCATCGGCCA-1-10x	0.06559058	0.18345787	0.00072102
16w_SITTD12_CCACGAGGTTGTGTTG-1-10x	0.09254781	0.27944022	0.0044107
16w_SITTD12_CCACGTTCAATGCAAA-1-10x	0.01510395	0.00369812	3.27E-05
16w_SITTD12_CCACGTTCAGAACTTC-1-10x	0.287602	0.97393876	0.00075864
16w_SITTD12_CCATCACCATGCAGGA-1-10x	0.08734696	0.26092237	0.0040384
16w_SITTD12_CCATCACTCCCTCTCC-1-10x	0.03947726	0.09048031	6.67E-05
16w_SITTD12_CCCAAGTAGTCGCGAA-1-10x	0.1175552	0.36848006	0.002453
16w_SITTD12_CCCATTGCAAAGGCAC-1-10x	0.10835451	0.33572063	0.0033168
16w_SITTD12_CCCGGAAGTAAGATTG-1-10x	0.04094472	0.09570526	7.40E-05

16w_SITTD12_CCCGGAAGTCCGGCAT-1-10x	0.2349819	0.78658265	0.00090964
16w_SITTD12_CCCGGAATCAGGTAAA-1-10x	0.12618217	0.39919674	0.0020515
16w_SITTD12_CCCTAACTCCGCTGTT-1-10x	0.27694744	0.93600273	0.00075222
16w_SITTD12_CCCTCAAGTTTCTATC-1-10x	0.03386244	0.07048851	5.17E-05
16w_SITTD12_CCCTCTCGTTCTTGCC-1-10x	0.08261294	0.24406669	0.0033032
16w_SITTD12_CCCTCTCGTTGCATGT-1-10x	0.19894606	0.65827554	0.0012085
16w_SITTD12_CCCTGATGTATCCTCC-1-10x	0.17475286	0.5721347	0.0015753
16w_SITTD12_CCCTGATGTGACGTCC-1-10x	0.04587654	0.11326522	0.00010046
16w_SITTD12_CCGAACGAGGCGACAT-1-10x	0.19141757	0.6314701	0.0012985
16w_SITTD12_CCGAACGAGTGGACGT-1-10x	0.06650865	0.18672672	0.00079936
16w_SITTD12_CCGAACGTTGAGGAC-1-10x	0.07620423	0.22124824	0.0020486
16w_SITTD12_CCGATCTGTGTTATCG-1-10x	0.09222245	0.27828175	0.0043903
16w_SITTD12_CCGATCTTCTTCAGC-1-10x	0.0828421	0.24488264	0.0033032
16w_SITTD12_CCGATCTTCTGTCGCT-1-10x	0.26055118	0.8776232	0.00077221
16w_SITTD12_CCGATGGCAGCGCTTG-1-10x	0.28762355	0.9740155	0.00075864
16w_SITTD12_CCGGGTAAGTCACGAG-1-10x	0.04794083	0.1206152	0.00011598
16w_SITTD12_CCGGGTACAGGTCCGT-1-10x	0.04849175	0.1225768	0.00012523
16w_SITTD12_CCGGGTACAGTCGGAA-1-10x	0.19016889	0.6270241	0.0013244
16w_SITTD12_CCGGGTATCCAAGTAG-1-10x	0.07515744	0.21752109	0.001885
16w_SITTD12_CCGGTAGAGCTCACTA-1-10x	0.17510018	0.5733713	0.0015753
16w_SITTD12_CCGGTAGCACCTGTT-1-10x	0.26341116	0.88780624	0.00076511
16w_SITTD12_CCGGTAGTCCCGTTCA-1-10x	0.11247856	0.35040447	0.0028393
16w_SITTD12_CCGGTAGTCGAGAGCA-1-10x	0.08762027	0.26189548	0.0040384
16w_SITTD12_CCGGTAGTCTTGTTAC-1-10x	0.23716933	0.7943711	0.00088935
16w_SITTD12_CCGGTGAGTCATCGCG-1-10x	0.27189118	0.9179997	0.00075352
16w_SITTD12_CCGTAGGAGCGACCCT-1-10x	0.29308465	0.99345994	0.00076488
16w_SITTD12_CCGTAGGGTTAAGCAA-1-10x	0.09099591	0.2739146	0.0043535
16w_SITTD12_CCGTGAGGTCCTTTGC-1-10x	0.04703307	0.11738309	0.00010777
16w_SITTD12_CCGTGAGTCAACTTTC-1-10x	0.04188946	0.09906904	7.82E-05
16w_SITTD12_CCTAACCTCTCACCCA-1-10x	0.03721387	0.08242142	6.07E-05
16w_SITTD12_CCTAAGACAGCGCGTT-1-10x	0.05222288	0.13586164	0.00017575
16w_SITTD12_CCTAAGATCTACTTCA-1-10x	0.11260234	0.3508452	0.0028393
16w_SITTD12_CCTAAGATCTCATTAC-1-10x	0.08515409	0.25311455	0.0037839
16w_SITTD12_CCTACGTAGTTGTCGT-1-10x	0.04078738	0.09514504	7.01E-05
16w_SITTD12_CCTATCGGTTTGAAAG-1-10x	0.06172393	0.16969052	0.00047505
16w_SITTD12_CCTCAACAGGCCCAA-1-10x	0.25988698	0.87525827	0.00077221
16w_SITTD12_CCTCAGTGTGTTGACT-1-10x	0.11021379	0.34234068	0.0031181
16w_SITTD12_CCTCCAAGTCGTGTTA-1-10x	0.27751115	0.93800986	0.00075222
16w_SITTD12_CCTCCTCCACTAGAGG-1-10x	0.03494017	0.07432582	5.37E-05
16w_SITTD12_CCTCTAGCATTAGGCT-1-10x	0.16259511	0.5288465	0.001776
16w_SITTD12_CCTGCATAGAAAGTCT-1-10x	0.08494071	0.2523548	0.0036353

16w_SITTD12_CCTGCATAGGTAGACC-1-10x	0.09761549	0.2974839	0.0042943
16w_SITTD12_CCTGCATTCTGTTAT-1-10x	0.24985202	0.8395284	0.00081397
16w_SITTD12_CCTTCAGGTCAACATC-1-10x	0.22920078	0.7659988	0.0009522
16w_SITTD12_CCTTTGGAGGGTACGT-1-10x	0.26603281	0.89714074	0.00075974
16w_SITTD12_CGAAGGACAGGTCCCA-1-10x	0.04816026	0.12139649	0.00011598
16w_SITTD12_CGAAGTTAGACCTGGA-1-10x	0.1494682	0.4821076	0.0018705
16w_SITTD12_CGAAGTTAGTGCACAG-1-10x	0.12141354	0.38221782	0.0022308
16w_SITTD12_CGAAGTTTCTTACTGT-1-10x	0.2387112	0.799861	0.00088278
16w_SITTD12_CGACAGCAGTCATGAA-1-10x	0.06441348	0.17926677	0.00064991
16w_SITTD12_CGACAGCGTTCTGAGT-1-10x	0.11416592	0.3564124	0.0026715
16w_SITTD12_CGAGTTAAGTGATTCC-1-10x	0.1028771	0.31621805	0.0038193
16w_SITTD12_CGATCGGCAGGTGTTT-1-10x	0.01502857	0.00342972	3.27E-05
16w_SITTD12_CGATCGGCATGCGGTC-1-10x	0.11055816	0.3435668	0.0030221
16w_SITTD12_CGATGCGCATGGGTCC-1-10x	0.04328188	0.1040268	8.29E-05
16w_SITTD12_CGATGGCCATGACTGT-1-10x	0.04955873	0.1263758	0.00013566
16w_SITTD12_CGCAGGTCAGCGCGTT-1-10x	0.06894735	0.1954098	0.00097948
16w_SITTD12_CGCATGGAGCTGGAGT-1-10x	0.04232033	0.10060317	7.82E-05
16w_SITTD12_CGCATGGGTGGCTTAT-1-10x	0.03790382	0.08487803	6.07E-05
16w_SITTD12_CGCCAGAGTTGATGTC-1-10x	0.1170269	0.36659902	0.002453
16w_SITTD12_CGCCAGATCCCTTTGG-1-10x	0.28778937	0.9746059	0.00075864
16w_SITTD12_CGGACACTCGCGTTTC-1-10x	0.09924856	0.3032985	0.0041652
16w_SITTD12_CGGAGAAGTTGACTAC-1-10x	0.03491942	0.07425193	5.37E-05
16w_SITTD12_CGGAGAAGTTGGCCTG-1-10x	0.22792584	0.7614593	0.00095947
16w_SITTD12_CGGCAGTCATGAAAGT-1-10x	0.08729267	0.26072907	0.0040384
16w_SITTD12_CGGGCATAGACCAAAT-1-10x	0.04035858	0.09361828	7.01E-05
16w_SITTD12_CGGGTCAAGAGTCTGG-1-10x	0.01787809	0.01357557	3.44E-05
16w_SITTD12_CGGGTCAAGTGAACAT-1-10x	0.01660166	0.00903078	3.38E-05
16w_SITTD12_CGTAAGTCAGTGTACT-1-10x	0.04269797	0.10194778	7.82E-05
16w_SITTD12_CGTAATGTCGTGGCGT-1-10x	0.05610064	0.14966854	0.000257
16w_SITTD12_CGTAGTATCTTGCAAG-1-10x	0.08320824	0.24618629	0.0034742
16w_SITTD12_CGTCAAAGGGCAAGG-1-10x	0.03398465	0.07092365	5.17E-05
16w_SITTD12_CGTCCATAGTGGACTG-1-10x	0.27216908	0.9189892	0.000753
16w_SITTD12_CGTGAATAGGCTAACG-1-10x	0.09163754	0.27619913	0.0043903
16w_SITTD12_CGTGCTTCATACTGAC-1-10x	0.1419969	0.45550576	0.0018724
16w_SITTD12_CGTGCTTGTTGATTGC-1-10x	0.28837857	0.97670376	0.0007596
16w_SITTD12_CGTTCTGGTACTCGTA-1-10x	0.07315403	0.21038787	0.0015819
16w_SITTD12_CGTTCTGGTGGTAATA-1-10x	0.21204393	0.70491105	0.0010856
16w_SITTD12_CTAACCCGTTTCCAAG-1-10x	0.29396558	0.9965965	0.000766
16w_SITTD12_CTAACCTTAGGGCCAAT-1-10x	0.01700516	0.01046748	3.38E-05
16w_SITTD12_CTACAGAGTGTGCTTA-1-10x	0.14958756	0.4825326	0.0018705
16w_SITTD12_CTACATTCAGTATTCG-1-10x	0.08434166	0.25022188	0.0036353

16w_SITTD12_CTACATTCATCGTTCC-1-10x	0.09868142	0.3012792	0.0042345
16w_SITTD12_CTACATTTTCAGGTGTT-1-10x	0.10139035	0.31092444	0.0040036
16w_SITTD12_CTACCCACAAGAGTTA-1-10x	0.22853953	0.76364434	0.00095947
16w_SITTD12_CTACGGGGTTGGCCTG-1-10x	0.02654916	0.044444926	4.09E-05
16w_SITTD12_CTA CTATAGACGAAGA-1-10x	0.04371477	0.10556813	8.81E-05
16w_SITTD12_CTA CTATCAGCCGTCA-1-10x	0.06836914	0.19335105	0.00097948
16w_SITTD12_CTA CTATTCGGTTTCG-1-10x	0.06620845	0.18565784	0.00079936
16w_SITTD12_CTAGGTACACAGTACT-1-10x	0.03558931	0.07663711	5.58E-05
16w_SITTD12_CTATCTAAGCCTTTGA-1-10x	0.08665788	0.25846887	0.0039187
16w_SITTD12_CTATCTAGTCAACCTA-1-10x	0.23977797	0.80365926	0.00087632
16w_SITTD12_CTATCTAGTGTGTGTT-1-10x	0.0306587	0.05908145	4.68E-05
16w_SITTD12_CTATCTATCGACATCA-1-10x	0.09297546	0.28096288	0.0044107
16w_SITTD12_CTCAATTGTAATGTGA-1-10x	0.04919042	0.12506442	0.00012523
16w_SITTD12_CTCAATTGTCATCGCG-1-10x	0.2465881	0.827907	0.0008292
16w_SITTD12_CTCAATTGTTTAGACC-1-10x	0.07574998	0.21963084	0.0020486
16w_SITTD12_CTA CTGCAGCACACC-1-10x	0.22587739	0.7541657	0.00098137
16w_SITTD12_CTA CTGCATTAAAGG-1-10x	0.03167956	0.06271626	4.83E-05
16w_SITTD12_CTA CAGGGAGGATTCAA-1-10x	0.08273783	0.24451138	0.0033032
16w_SITTD12_CTA CAGGGCAGTCTCTC-1-10x	0.09318987	0.2817263	0.0044107
16w_SITTD12_CTA CAGGGTCGTGCACG-1-10x	0.06651978	0.18676634	0.00079936
16w_SITTD12_CTA CATCGAGTCGAGGT-1-10x	0.10470024	0.32270944	0.0037215
16w_SITTD12_CTA CATCGGTCAAACGG-1-10x	0.19083357	0.6293907	0.0013113
16w_SITTD12_CTA CATCGTCGGTAACT-1-10x	0.18157381	0.59642094	0.0014587
16w_SITTD12_CTA CATGCGTCGCAACC-1-10x	0.15327008	0.4956444	0.0018617
16w_SITTD12_CTA CATTATCTTTGCTA-1-10x	0.25869784	0.87102425	0.000778
16w_SITTD12_CTA CCACAGTAATGATG-1-10x	0.21197668	0.7046716	0.0010856
16w_SITTD12_CTA CCATGAGCGGGTTA-1-10x	0.03199431	0.06383695	4.83E-05
16w_SITTD12_CTA CCAAAGGGTACGT-1-10x	0.07152421	0.20458482	0.0013138
16w_SITTD12_CTA CCTCAGTAGAATC-1-10x	0.08163853	0.24059726	0.0031253
16w_SITTD12_CTA CCATGTCGGAACA-1-10x	0.08031409	0.23588155	0.0029431
16w_SITTD12_CTA CCTCCGTGTTACG-1-10x	0.05527866	0.14674185	0.000233
16w_SITTD12_CTA CCTCCTCCGTCACT-1-10x	0.10284953	0.3161199	0.0038193
16w_SITTD12_CTA CTCTCAGCAATTGGTC-1-10x	0.26025856	0.87658125	0.00077221
16w_SITTD12_CTA CTCTCAGGTTGCATTG-1-10x	0.10153188	0.31142837	0.0040036
16w_SITTD12_CTA CTCTGAAGCCTCATA-1-10x	0.0917225	0.27650166	0.0043903
16w_SITTD12_CTA CTCTGGTTCATCTATC-1-10x	0.27827367	0.94072485	0.00075239
16w_SITTD12_CTA CTCTGGTCCAACCAA-1-10x	0.08794911	0.26306635	0.0041422
16w_SITTD12_CTA GAATGCAACCCTAA-1-10x	0.115318	0.36051443	0.002594
16w_SITTD12_CTA GAATGCAACCCTCT-1-10x	0.17373864	0.5685235	0.0015922
16w_SITTD12_CTA GATCCAGAGAGCCT-1-10x	0.08214385	0.24239647	0.0031253
16w_SITTD12_CTA GATCCCAATTGCGT-1-10x	0.07651819	0.22236608	0.0020486

16w_SITTD12_CTGCATCAGTTGGGAC-1-10x	0.25965482	0.87443167	0.00077499
16w_SITTD12_CTGCCATGTTGGGTTT-1-10x	0.21198408	0.704698	0.0010856
16w_SITTD12_CTGCCATTCGGTAGAG-1-10x	0.29072613	0.9850623	0.00076269
16w_SITTD12_CTGCGAGGTCGGTGAA-1-10x	0.0470739	0.11752847	0.00010777
16w_SITTD12_CTGCTCAAGGTTCCGC-1-10x	0.06429765	0.17885433	0.00058553
16w_SITTD12_CTGCTCAGTAACCCGC-1-10x	0.0154368	0.00488324	3.27E-05
16w_SITTD12_CTGGCAGAGAAAGTCT-1-10x	0.08602753	0.25622448	0.0039187
16w_SITTD12_CTGTAGAAGCGTGAAC-1-10x	0.14864926	0.47919175	0.0018713
16w_SITTD12_CTGTAGACACCCTAAA-1-10x	0.04680055	0.11655518	0.00010777
16w_SITTD12_CTGTATTTCTACTT-1-10x	0.03932145	0.08992554	6.67E-05
16w_SITTD12_CTGTGAAAGGCTGAAC-1-10x	0.19766301	0.6537072	0.0012292
16w_SITTD12_CTGTGAAGTACTCAAC-1-10x	0.26944417	0.90928704	0.00075499
16w_SITTD12_CTGTGGGGTCAGACTT-1-10x	0.2166504	0.7213126	0.0010475
16w_SITTD12_CTTACCGCAAGATGTA-1-10x	0.02880916	0.0524961	4.42E-05
16w_SITTD12_CTTACCGCACTCATAG-1-10x	0.10206251	0.3133177	0.0039137
16w_SITTD12_CTTCAATTCTGAACG-1-10x	0.14639305	0.47115842	0.0018717
16w_SITTD12_CTTCCGACATTACGGT-1-10x	0.04644243	0.11528009	0.00010046
16w_SITTD12_CTTCCGAGTACAGTAA-1-10x	0.01886468	0.01708837	3.49E-05
16w_SITTD12_CTTCTTGTCAGCC-1-10x	0.10540168	0.32520694	0.0036214
16w_SITTD12_CTTGATTGTCACCACG-1-10x	0.23416728	0.78368217	0.00091657
16w_SITTD12_CTTTCAATCATCTGTT-1-10x	0.04745508	0.11888567	0.00011598
16w_SITTD12_CTTTCGGAGGTCACAG-1-10x	0.22806942	0.7619705	0.00095947
16w_SITTD12_GAACACTTCAAGGAGC-1-10x	0.08787375	0.262798	0.0041422
16w_SITTD12_GAACTGTCACAAAGTA-1-10x	0.0712048	0.20344754	0.0013138
16w_SITTD12_GAAGAATAGGCAGGTT-1-10x	0.15502648	0.5018981	0.0018522
16w_SITTD12_GAAGAATCAGCTGAAG-1-10x	0.04306174	0.10324299	8.29E-05
16w_SITTD12_GAAGAATCAGCTTTCC-1-10x	0.04589915	0.11334571	0.00010046
16w_SITTD12_GAAGCCCATAACAGA-1-10x	0.02683282	0.04545924	4.19E-05
16w_SITTD12_GAAGCGAAGATTGCGG-1-10x	0.24368379	0.8175661	0.00085167
16w_SITTD12_GAAGGACAGTGGCGAT-1-10x	0.02239587	0.02966131	3.76E-05
16w_SITTD12_GAAGGACCAAGTTGGG-1-10x	0.19769591	0.6538244	0.0012292
16w_SITTD12_GAAGGACTCACGATAC-1-10x	0.01752769	0.01232796	3.44E-05
16w_SITTD12_GAAGGGTTCCGACGGT-1-10x	0.02815152	0.05015454	4.30E-05
16w_SITTD12_GAAGGGTTGATTGGT-1-10x	0.01569532	0.0058037	3.33E-05
16w_SITTD12_GAATCACCAAAGCAAT-1-10x	0.1026729	0.315491	0.0039137
16w_SITTD12_GACACGCAGAGAGCAA-1-10x	0.01970126	0.02006702	3.55E-05
16w_SITTD12_GACACGCGTTACCTTT-1-10x	0.01802133	0.01408558	3.44E-05
16w_SITTD12_GACCCAGCAAGGCGTA-1-10x	0.04963112	0.12663355	0.00013566
16w_SITTD12_GACCCAGGTCTACGAT-1-10x	0.02628719	0.04351651	4.09E-05
16w_SITTD12_GACCCAGGTGCATGTT-1-10x	0.10938157	0.33937752	0.0032165
16w_SITTD12_GACCCAGTCTGGGAGA-1-10x	0.16937312	0.5529799	0.0016744

16w_SITTD12_GACCGTGTCCGGAATTC-1-10x	0.07981505	0.2341047	0.0027593
16w_SITTD12_GACCTTCAGGCATGCA-1-10x	0.16286631	0.5298121	0.001776
16w_SITTD12_GACGCTGCAATATCCG-1-10x	0.25486115	0.8573636	0.00079207
16w_SITTD12_GACGTTAAGCTGAAAT-1-10x	0.05608566	0.14961523	0.000257
16w_SITTD12_GACTATGCATTCTTCA-1-10x	0.12766548	0.4044781	0.0020026
16w_SITTD12_GACTCTCAGCTCACTA-1-10x	0.10400258	0.3202254	0.0037215
16w_SITTD12_GACTGATTCGCTGTTC-1-10x	0.04328928	0.10405316	8.29E-05
16w_SITTD12_GACTTCCAGCTAGATA-1-10x	0.04765153	0.11958513	0.00011598
16w_SITTD12_GACTTCCGTAGAGATT-1-10x	0.18712257	0.61617756	0.0013662
16w_SITTD12_GACTTCCTCTGCGGAC-1-10x	0.27319336	0.92263615	0.0007526
16w_SITTD12_GAGAAATGTCCTGTTC-1-10x	0.17776817	0.58287084	0.0015248
16w_SITTD12_GAGACCCAGTGACCCC-1-10x	0.22909799	0.7656328	0.0009522
16w_SITTD12_GAGACTTAGACCAGAC-1-10x	0.09494826	0.2879871	0.0044051
16w_SITTD12_GAGACTTAGCTCGAAG-1-10x	0.18517219	0.60923314	0.0013959
16w_SITTD12_GAGAGGTCATATCGGT-1-10x	0.02889387	0.05279771	4.42E-05
16w_SITTD12_GAGAGGTTCCGTTTCG-1-10x	0.04778094	0.12004589	0.00011598
16w_SITTD12_GAGCTGCAGACCAAAT-1-10x	0.25645515	0.8630391	0.00078463
16w_SITTD12_GAGCTGCCAAAGGTTA-1-10x	0.2567134	0.86395854	0.00078463
16w_SITTD12_GAGCTGCTCGCCTTGT-1-10x	0.08192916	0.24163207	0.0031253
16w_SITTD12_GAGGCAAAGAAGCTCG-1-10x	0.22033894	0.7344458	0.0010179
16w_SITTD12_GAGGGATCACGTAGTT-1-10x	0.04676324	0.11642236	0.00010777
16w_SITTD12_GAGGGTAGTGCCCGTA-1-10x	0.0892866	0.26782852	0.0042295
16w_SITTD12_GAGGGTAGTGTTGATC-1-10x	0.02047139	0.02280912	3.62E-05
16w_SITTD12_GAGGGTATCCAGTGCG-1-10x	0.0500956	0.12828737	0.00013566
16w_SITTD12_GAGGGTATCCGTCCTA-1-10x	0.21233967	0.7059641	0.0010856
16w_SITTD12_GAGTCATAGGCACTAG-1-10x	0.04401901	0.1066514	8.81E-05
16w_SITTD12_GAGTGAGTCAGATTGC-1-10x	0.07907834	0.2314816	0.002576
16w_SITTD12_GAGTGTTTCTGCTGAA-1-10x	0.09021884	0.2711478	0.0042999
16w_SITTD12_GAGTTACAGTTGAGC-1-10x	0.04392406	0.10631334	8.81E-05
16w_SITTD12_GAGTTACAGTATGATG-1-10x	0.08464295	0.2512946	0.0036353
16w_SITTD12_GAGTTACCACGGTGTC-1-10x	0.03878481	0.0880148	6.36E-05
16w_SITTD12_GAGTTACGTTCCGCGA-1-10x	0.07661445	0.22270885	0.0022191
16w_SITTD12_GAGTTGTCACGTTGGC-1-10x	0.11428546	0.35683802	0.0026715
16w_SITTD12_GAGTTGTGTCGTATTG-1-10x	0.14138173	0.4533154	0.0018724
16w_SITTD12_GAGTTTGTCCAACCGG-1-10x	0.25350043	0.8525187	0.00079608
16w_SITTD12_GATAGAAAGGATGTTA-1-10x	0.2679708	0.90404105	0.00075705
16w_SITTD12_GATAGAACACATCATG-1-10x	0.04786623	0.12034957	0.00011598
16w_SITTD12_GATCACAAGCTACTGT-1-10x	0.09586659	0.29125687	0.0043808
16w_SITTD12_GATCAGTAGGAGACCT-1-10x	0.04004374	0.09249728	7.01E-05
16w_SITTD12_GATCATGGTGTTACTG-1-10x	0.03162408	0.06251874	4.83E-05
16w_SITTD12_GATCCCTCAACCAACT-1-10x	0.04696751	0.11714964	0.00010777

16w_SITTD12_GATCGTAAGGGAGAAT-1-10x	0.25364596	0.8530368	0.00079608
16w_SITTD12_GATCGTAAGGTGTGAC-1-10x	0.0682461	0.19291298	0.00097948
16w_SITTD12_GATGAGGCACTTGGGC-1-10x	0.03665223	0.08042166	5.82E-05
16w_SITTD12_GATGATCAGGGTACAC-1-10x	0.14468342	0.46507123	0.0018716
16w_SITTD12_GATGATCGTATGAAAC-1-10x	0.26904875	0.9078791	0.00075594
16w_SITTD12_GATGCTACACGAGAAC-1-10x	0.03309504	0.06775615	5.00E-05
16w_SITTD12_GATGCTACAGGCTTGC-1-10x	0.02222276	0.02904494	3.76E-05
16w_SITTD12_GATGGAGCAGCAAGAC-1-10x	0.09792882	0.2985995	0.0042943
16w_SITTD12_GATGGAGCATCATTTTC-1-10x	0.0168918	0.01006383	3.38E-05
16w_SITTD12_GATGGAGTCAAGCTTG-1-10x	0.1584886	0.5142251	0.0018209
16w_SITTD12_GATTCGAGTCGGTACC-1-10x	0.04022768	0.09315222	7.01E-05
16w_SITTD12_GATTCGATCTTTCAGT-1-10x	0.07567477	0.21936306	0.0020486
16w_SITTD12_GATTCTTAGAGCTTTC-1-10x	0.03258542	0.06594162	5.00E-05
16w_SITTD12_GATTCTTCACGGTCTG-1-10x	0.06493849	0.18113607	0.00064991
16w_SITTD12_GATTGGTAGACGCATG-1-10x	0.04290666	0.10269084	8.29E-05
16w_SITTD12_GCAACCGAGCATTGTC-1-10x	0.01645313	0.00850194	3.38E-05
16w_SITTD12_GCAACCGTCCGCGGT-1-10x	0.0520164	0.13512644	0.00016076
16w_SITTD12_GCACATAAGCAGGGAG-1-10x	0.01577139	0.00607458	3.33E-05
16w_SITTD12_GCACATACATGGGTCC-1-10x	0.05736154	0.15415806	0.00028394
16w_SITTD12_GCACATAGTCCAACGC-1-10x	0.05380178	0.14148338	0.00019264
16w_SITTD12_GCACGGTTCGGCATAT-1-10x	0.24602394	0.82589835	0.00083459
16w_SITTD12_GCACGTGAGGAGTACC-1-10x	0.0426113	0.10163918	7.82E-05
16w_SITTD12_GCACTAACATTCAGCA-1-10x	0.03322638	0.06822379	5.00E-05
16w_SITTD12_GCACTAATCGATACTG-1-10x	0.08427171	0.24997282	0.0036353
16w_SITTD12_GCAGGCTGTCATCACA-1-10x	0.06937318	0.196926	0.0010821
16w_SITTD12_GCAGTTACATAATCGC-1-10x	0.03387597	0.07053668	5.17E-05
16w_SITTD12_GCAGTTAGTCCACTTC-1-10x	0.24437164	0.82001525	0.00084583
16w_SITTD12_GCATCTCAGGGCAGAG-1-10x	0.02614221	0.04300031	4.09E-05
16w_SITTD12_GCATGATCACTGTTC-1-10x	0.08669522	0.2586018	0.0039187
16w_SITTD12_GCATGATCACTTCTCG-1-10x	0.07360627	0.21199808	0.0015819
16w_SITTD12_GCCAACGAGGTGCTAG-1-10x	0.06992528	0.19889176	0.0010821
16w_SITTD12_GCCAACGAGTGCAAAT-1-10x	0.23013484	0.76932454	0.00094498
16w_SITTD12_GCCAACGTCCCATACC-1-10x	0.19892326	0.6581944	0.0012085
16w_SITTD12_GCCAGCATCACCGGGT-1-10x	0.16315867	0.5308531	0.001763
16w_SITTD12_GCCATTCAGAAGCCAC-1-10x	0.04914041	0.12488634	0.00012523
16w_SITTD12_GCCATTCGTAATAACC-1-10x	0.27474725	0.9281689	0.00075218
16w_SITTD12_GCCATTCGTAGCGTCC-1-10x	0.04847222	0.12250725	0.00012523
16w_SITTD12_GCCCGAAAGCATTTTCG-1-10x	0.14481124	0.46552634	0.0018716
16w_SITTD12_GCCCGAATCCATAGAC-1-10x	0.04413346	0.1070589	8.81E-05
16w_SITTD12_GCCGATGAGCCGATAG-1-10x	0.10368161	0.31908256	0.0038193
16w_SITTD12_GCCGATGCAGTTCCAA-1-10x	0.11101101	0.3451792	0.0030221

16w_SITTD12_GCCGTGAAGCGATGAC-1-10x	0.23091945	0.77211815	0.00093779
16w_SITTD12_GCCGTGACAGGTATGG-1-10x	0.06274147	0.17331351	0.00052741
16w_SITTD12_GCCGTGATCGTGGACC-1-10x	0.14691903	0.4730312	0.0018717
16w_SITTD12_GCGAGAACAACACAGG-1-10x	0.2728928	0.921566	0.0007526
16w_SITTD12_GCGATCGCACGCTGTG-1-10x	0.03724592	0.08253554	6.07E-05
16w_SITTD12_GCGATCGCACTTACAG-1-10x	0.0475152	0.11909973	0.00011598
16w_SITTD12_GCGGAAAGTATGTCAC-1-10x	0.05550512	0.14754818	0.000233
16w_SITTD12_GCGGATCCAAATTGCC-1-10x	0.03471451	0.07352234	5.37E-05
16w_SITTD12_GCGGATCCACCAGCGT-1-10x	0.03761828	0.08386134	6.07E-05
16w_SITTD12_GCTCAAATCTTCGATT-1-10x	0.11354123	0.35418814	0.0027534
16w_SITTD12_GCTGCAGTCCATAGAC-1-10x	0.27761877	0.938393	0.00075239
16w_SITTD12_GCTTCACTCAAGATAG-1-10x	0.05347461	0.14031847	0.00019264
16w_SITTD12_GCTTCACTCGTTACCC-1-10x	0.08165309	0.2406491	0.0031253
16w_SITTD12_GCTTCACTCTACCACC-1-10x	0.07224634	0.20715597	0.0014433
16w_SITTD12_GCTTGGGGTGCCAAGA-1-10x	0.22890896	0.7649597	0.0009522
16w_SITTD12_GCTTTCGTCTATCGGA-1-10x	0.04652158	0.1155619	0.00010777
16w_SITTD12_GGAACCCAGGCTAACG-1-10x	0.03491474	0.07423527	5.37E-05
16w_SITTD12_GGAAGTGCAAGTGTCT-1-10x	0.05325859	0.13954931	0.00019264
16w_SITTD12_GGAAGTGTGATGGATC-1-10x	0.1974775	0.6530467	0.0012292
16w_SITTD12_GGAATGGAGCCATCCG-1-10x	0.05893825	0.159772	0.00034795
16w_SITTD12_GGAATGGTTCGACGCTG-1-10x	0.01993699	0.02090638	3.55E-05
16w_SITTD12_GGACGTCCAAAGAGTT-1-10x	0.259415	0.8735778	0.00077499
16w_SITTD12_GGAGATGGTTCAGTAC-1-10x	0.06162427	0.16933568	0.00047505
16w_SITTD12_GGAGATGTCCAGCAAT-1-10x	0.04248346	0.10118403	7.82E-05
16w_SITTD12_GGAGGATAGTACAACA-1-10x	0.209852	0.6971066	0.0011095
16w_SITTD12_GGAGGATGTCATCCGG-1-10x	0.08800408	0.26326206	0.0041422
16w_SITTD12_GGAGGATGTGATATAG-1-10x	0.04766008	0.11961558	0.00011598
16w_SITTD12_GGATCTACAATACGCT-1-10x	0.19538365	0.6455915	0.0012511
16w_SITTD12_GGATGTTAGCCAAGGT-1-10x	0.10883839	0.3374435	0.0032165
16w_SITTD12_GGATGTTCCACCTGG-1-10x	0.02985719	0.05622765	4.55E-05
16w_SITTD12_GGATGTTGTGCCACA-1-10x	0.03454216	0.07290869	5.37E-05
16w_SITTD12_GGATGTTGTGTTAACC-1-10x	0.10023125	0.30679742	0.0040879
16w_SITTD12_GGCACGTCAACAACAA-1-10x	0.05308814	0.13894242	0.00019264
16w_SITTD12_GGCACGTGTACAGAGC-1-10x	0.2287246	0.7643033	0.0009522
16w_SITTD12_GGCAGTCGTGAACCGA-1-10x	0.16653563	0.5428769	0.0017206
16w_SITTD12_GGCTTTCAGGCCGCTT-1-10x	0.03271317	0.06639648	5.00E-05
16w_SITTD12_GGGAAGTCAGGTCAGA-1-10x	0.03776688	0.08439042	6.07E-05
16w_SITTD12_GGGAAGTCATGTTCGA-1-10x	0.23896046	0.8007485	0.00088278
16w_SITTD12_GGGACTCCAAGCGATG-1-10x	0.17743428	0.58168197	0.0015248
16w_SITTD12_GGGAGTATCTAGTCAG-1-10x	0.02316146	0.03238722	3.83E-05
16w_SITTD12_GGGATCCAGTAGTCTC-1-10x	0.17965841	0.5896011	0.0014915

16w_SITTD12_GGGATCCTCCTACGGG-1-10x	0.04848725	0.12256074	0.00012523
16w_SITTD12_GGGATCCTCTGGAAGG-1-10x	0.24259591	0.8136927	0.00085764
16w_SITTD12_GGGATGACAATTGCTG-1-10x	0.0720586	0.20648752	0.0014433
16w_SITTD12_GGGATGAGTAACATCC-1-10x	0.05114397	0.13202012	0.00014746
16w_SITTD12_GGGCCATCAGCTATTG-1-10x	0.08357132	0.24747905	0.0034742
16w_SITTD12_GGGCCATGTCCTGGGT-1-10x	0.2588544	0.8715817	0.00077499
16w_SITTD12_GGGCGTTAGTGGATTA-1-10x	0.25524527	0.85873127	0.00078825
16w_SITTD12_GGGCGTTGTCACAGAG-1-10x	0.089734	0.26942152	0.0042999
16w_SITTD12_GGGCGTTTCACAACCA-1-10x	0.05667324	0.15170734	0.000257
16w_SITTD12_GGGCTCACAGGGTCTC-1-10x	0.20378886	0.6755186	0.0011608
16w_SITTD12_GGGCTCACAGTTGTTG-1-10x	0.10783656	0.33387643	0.0033168
16w_SITTD12_GGGCTCATCCATAGAC-1-10x	0.08319335	0.24613325	0.0034742
16w_SITTD12_GGGTAGAAGTGAGTGC-1-10x	0.15761323	0.51110834	0.0018302
16w_SITTD12_GGGTATTCAGAACTAA-1-10x	0.06216689	0.17126767	0.00047505
16w_SITTD12_GGGTCACGTTGCGCCA-1-10x	0.2599023	0.8753128	0.00077221
16w_SITTD12_GGGTCACGTTGCGGAA-1-10x	0.2909676	0.98592216	0.00076269
16w_SITTD12_GGGTCTGAGCAGCCTC-1-10x	0.26962295	0.9099236	0.00075499
16w_SITTD12_GGGTGAAAGAGTGTTA-1-10x	0.03990513	0.09200376	7.01E-05
16w_SITTD12_GGGTGAACACTGCATA-1-10x	0.0879858	0.26319697	0.0041422
16w_SITTD12_GGGTTATGTTGTCTAG-1-10x	0.16607812	0.5412479	0.0017206
16w_SITTD12_GGTAAC TAGCAAATGT-1-10x	0.04508323	0.1104406	9.39E-05
16w_SITTD12_GGTAATCAGGACAGTC-1-10x	0.24526738	0.8232046	0.00084014
16w_SITTD12_GGTAGAGCAGCGTTGC-1-10x	0.08845267	0.2648593	0.0041422
16w_SITTD12_GGTACGATTCCGA-1-10x	0.27014324	0.9117761	0.00075418
16w_SITTD12_GGTCTGGCATCCGATA-1-10x	0.19262539	0.63577056	0.0012861
16w_SITTD12_GGTCTGGGTCGTATTG-1-10x	0.25914645	0.8726216	0.00077499
16w_SITTD12_GGTGAAGCAGCAAGAC-1-10x	0.03651637	0.07993794	5.82E-05
16w_SITTD12_GGTGAAGGTATCGCTA-1-10x	0.08779533	0.2625188	0.0040384
16w_SITTD12_GGTGTCGAGTACTCGT-1-10x	0.07831914	0.22877844	0.0023954
16w_SITTD12_GGTGTCGTCATACGAC-1-10x	0.05100084	0.13151051	0.00014746
16w_SITTD12_GGTGTTACACAACGCC-1-10x	0.03769413	0.08413142	6.07E-05
16w_SITTD12_GGTTAACAGCGTGCCT-1-10x	0.03269633	0.06633654	5.00E-05
16w_SITTD12_GGTTAACAGGCCTGAA-1-10x	0.2761109	0.93302417	0.00075214
16w_SITTD12_GGTTCTCAGTGAGTGC-1-10x	0.04479468	0.10941321	9.39E-05
16w_SITTD12_GGTTCTCAGTTGCGAG-1-10x	0.03135278	0.06155277	4.68E-05
16w_SITTD12_GGTTCTCTCGGAAACG-1-10x	0.02518751	0.03960107	4.00E-05
16w_SITTD12_GGTTGTACAAACCATC-1-10x	0.05004926	0.12812236	0.00013566
16w_SITTD12_GTAACCAAGAATTGTG-1-10x	0.02819686	0.05031599	4.30E-05
16w_SITTD12_GTAACCAGTTGTGGAG-1-10x	0.13408598	0.4273386	0.0019027
16w_SITTD12_GTAATCGAGATAGCAT-1-10x	0.11194167	0.34849286	0.002929
16w_SITTD12_GTAATCGTCATGCGGC-1-10x	0.05262947	0.1373093	0.00017575

16w_SITTD12_GTACAACCACAACGAG-1-10x	0.0837216	0.24801412	0.0034742
16w_SITTD12_GTACAACGTACCCGCA-1-10x	0.07149006	0.20446321	0.0013138
16w_SITTD12_GTACAGTGTAGCGCCT-1-10x	0.24008437	0.8047502	0.00086997
16w_SITTD12_GTACAGTGTCGTATTG-1-10x	0.04086909	0.095436	7.40E-05
16w_SITTD12_GTACAGTGTGGGTCAA-1-10x	0.08443254	0.25054544	0.0036353
16w_SITTD12_GTACAGTTCAGTCTTT-1-10x	0.2819891	0.95395374	0.00075401
16w_SITTD12_GTACAGTTCATTGCTT-1-10x	0.03970624	0.0912956	6.67E-05
16w_SITTD12_GTAGAAAGTTCTTCAT-1-10x	0.25279304	0.85	0.00080028
16w_SITTD12_GTAGAGGTCAAGAGTA-1-10x	0.2660727	0.8972827	0.00075974
16w_SITTD12_GTAGATCCACTCCCTA-1-10x	0.10125209	0.31043217	0.0040036
16w_SITTD12_GTAGATCTCTTTCCGG-1-10x	0.0224539	0.02986791	3.76E-05
16w_SITTD12_GTAGCTACAAATGAGT-1-10x	0.09423866	0.28546056	0.0044154
16w_SITTD12_GTAGCTACAACGTATC-1-10x	0.08277047	0.24462757	0.0033032
16w_SITTD12_GTAGGAGTTAGCGGA-1-10x	0.19489294	0.6438443	0.0012511
16w_SITTD12_GTAGGAGTCTGTAACG-1-10x	0.02322198	0.03260271	3.83E-05
16w_SITTD12_GTAGTACCAGTAGAAT-1-10x	0.23455967	0.7850793	0.00090964
16w_SITTD12_GTATTCGTCGTGTTA-1-10x	0.17851935	0.5855454	0.0015081
16w_SITTD12_GTCACGGCAGAAATTG-1-10x	0.2709386	0.91460806	0.00075418
16w_SITTD12_GTCAGCGGTTGCCGCA-1-10x	0.09022152	0.27115738	0.0042999
16w_SITTD12_GTCATCCGTGCTCTCT-1-10x	0.08390105	0.24865305	0.0034742
16w_SITTD12_GTCATTTCAAGCCAC-1-10x	0.27260986	0.92055863	0.000753
16w_SITTD12_GTCCACTAGCGCTGCT-1-10x	0.1477148	0.47586456	0.0018716
16w_SITTD12_GTCCACTGTACTGCGC-1-10x	0.2746974	0.92799133	0.00075233
16w_SITTD12_GTCCTCAGTAAGAACT-1-10x	0.15448797	0.49998072	0.0018575
16w_SITTD12_GTCGTAAGATCGGTG-1-10x	0.06824838	0.19292107	0.00097948
16w_SITTD12_GTCGTAACAGAGGCAT-1-10x	0.2441328	0.8191649	0.00084583
16w_SITTD12_GTCGTAATCCCGAGTG-1-10x	0.09102216	0.2740081	0.0043535
16w_SITTD12_GTCGTTGTCGTAGATCCT-1-10x	0.10006232	0.3061959	0.0040879
16w_SITTD12_GTCTCACTCCGTAATG-1-10x	0.04442023	0.10807997	8.81E-05
16w_SITTD12_GTCTCACTCTAGCAAC-1-10x	0.02174534	0.02734506	3.69E-05
16w_SITTD12_GTCTGTCGTGCCAAGA-1-10x	0.05071033	0.13047613	0.00014746
16w_SITTD12_GTGACGCAGTGACACG-1-10x	0.21326104	0.70924467	0.0010778
16w_SITTD12_GTGACGCTCGAGCCTG-1-10x	0.20661467	0.68558	0.0011344
16w_SITTD12_GTGAGCCAGCAACTTC-1-10x	0.02211094	0.02864682	3.76E-05
16w_SITTD12_GTGAGCCCACCCTGTT-1-10x	0.21278174	0.7075381	0.0010778
16w_SITTD12_GTGAGGATCACCTGT-1-10x	0.09715892	0.29585823	0.0043435
16w_SITTD12_GTGAGGATCGACCAAT-1-10x	0.09804716	0.2990209	0.0042943
16w_SITTD12_GTGATGTGTCGCTGCA-1-10x	0.03414385	0.0714905	5.17E-05
16w_SITTD12_GTGATGTTCACTT-1-10x	0.27046132	0.9129086	0.00075418
16w_SITTD12_GTGATGTTCCAGTGTA-1-10x	0.06548166	0.18307008	0.00072102
16w_SITTD12_GTGATGTTGACGCTG-1-10x	0.10996518	0.3414555	0.0031181

16w_SITTD12_GTGCAGCAGAACCCGA-1-10x	0.1470017	0.47332555	0.0018716
16w_SITTD12_GTGCAGCAGAGCAAGA-1-10x	0.04250495	0.10126054	7.82E-05
16w_SITTD12_GTGCAGCCAGCGACAA-1-10x	0.13794373	0.44107428	0.0018802
16w_SITTD12_GTGCTTCCACCTGAAT-1-10x	0.25165483	0.8459474	0.00080467
16w_SITTD12_GTGGAAGTCCGCACTT-1-10x	0.02626792	0.04344789	4.09E-05
16w_SITTD12_GTGGAGACAAATGGTA-1-10x	0.07043213	0.20069641	0.0011935
16w_SITTD12_GTGGGAAAGAACAGGA-1-10x	0.16999167	0.5551823	0.0016584
16w_SITTD12_GTGTCCTCAAAGGTTA-1-10x	0.24478883	0.82150066	0.00084014
16w_SITTD12_GTGTCCTTCGAAACAA-1-10x	0.2209114	0.73648405	0.0010179
16w_SITTD12_GTGTGGCTCACAACCA-1-10x	0.2052526	0.6807303	0.001143
16w_SITTD12_GTGTTAGTCCCCTGAG-1-10x	0.0512724	0.1324774	0.00016076
16w_SITTD12_GTGTTCCGTAGCTAAA-1-10x	0.2910029	0.9860478	0.00076269
16w_SITTD12_GTTACAGCAAGGTCGA-1-10x	0.27528957	0.9300998	0.00075218
16w_SITTD12_GTTACCCAGATACGAT-1-10x	0.16450958	0.53566307	0.0017494
16w_SITTD12_GTTACCCAGGTTTGAA-1-10x	0.04066425	0.09470663	7.01E-05
16w_SITTD12_GTTACGAGTTGCTCGG-1-10x	0.03712954	0.08212117	6.07E-05
16w_SITTD12_GTTAGTGAGCGCCTTG-1-10x	0.15104303	0.48771486	0.0018676
16w_SITTD12_GTTAGTGTCGCGTGAC-1-10x	0.01963486	0.01983061	3.55E-05
16w_SITTD12_GTTCATTTCAAAGCCT-1-10x	0.08925823	0.26772752	0.0042295
16w_SITTD12_GTTCTATAGCATCAGG-1-10x	0.04584656	0.11315846	0.00010046
16w_SITTD12_GTTCTATCAACTAGAA-1-10x	0.0162997	0.00795563	3.33E-05
16w_SITTD12_GTTGCGGAGAAGGGAT-1-10x	0.2608341	0.8786305	0.00076963
16w_SITTD12_GTTGCGGAGGCACTAG-1-10x	0.0296441	0.05546893	4.55E-05
16w_SITTD12_GTTGTGACAACTCGTA-1-10x	0.08404752	0.24917457	0.0036353
16w_SITTD12_GTTTGGAAAGTTAGTGA-1-10x	0.2776238	0.93841094	0.00075239
16w_SITTD12_GTTTGGACATCTGCGG-1-10x	0.17379083	0.5687093	0.0015922
16w_SITTD12_TAACACGTCACTTGGA-1-10x	0.06688733	0.188075	0.00079936
16w_SITTD12_TAACACGTGCATGCATG-1-10x	0.2875924	0.9739046	0.00075864
16w_SITTD12_TAACACGTCCCTATTA-1-10x	0.03587426	0.07765169	5.58E-05
16w_SITTD12_TAACCAGTCACCTGGG-1-10x	0.0882263	0.2640533	0.0041422
16w_SITTD12_TAACGACCAAAGGCGT-1-10x	0.14898413	0.48038408	0.0018705
16w_SITTD12_TAACGACGTGCATGGCC-1-10x	0.23964433	0.8031835	0.00087632
16w_SITTD12_TAAGCCAAGCGCCTTG-1-10x	0.09715617	0.29584846	0.0043435
16w_SITTD12_TAAGCCAAGGCGAACT-1-10x	0.1653592	0.5386882	0.0017353
16w_SITTD12_TAAGCCACATTAAGCC-1-10x	0.26685205	0.9000577	0.00075831
16w_SITTD12_TAAGCGTAGGCCACTC-1-10x	0.06827651	0.19302125	0.00097948
16w_SITTD12_TAAGCGTGTCAAGCGA-1-10x	0.01723999	0.01130359	3.38E-05
16w_SITTD12_TAAGCGTTCCTGGTCT-1-10x	0.262365	0.8840814	0.00076727
16w_SITTD12_TAAGTCGCAAGCGAAC-1-10x	0.2469978	0.8293658	0.0008292
16w_SITTD12_TAAGTCGCACTTGAGT-1-10x	0.08509746	0.25291294	0.0037839
16w_SITTD12_TAAGTCGGTTGGACTT-1-10x	0.07187506	0.20583403	0.0014433

16w_SITTD12_TAATCTCCACCTGTCT-1-10x	0.02332398	0.03296588	3.83E-05
16w_SITTD12_TAATTCCGTAATCAAG-1-10x	0.10969657	0.34049907	0.0031181
16w_SITTD12_TAATTCCCTCTATTGTC-1-10x	0.02024588	0.02200619	3.62E-05
16w_SITTD12_TACAACGAGACATATG-1-10x	0.09115616	0.27448517	0.0043535
16w_SITTD12_TACACCCAGGCAATGC-1-10x	0.2827271	0.9565814	0.00075462
16w_SITTD12_TACAGGTCACAAGGTG-1-10x	0.05407609	0.14246006	0.00021164
16w_SITTD12_TACAGGTCAGAAACCG-1-10x	0.05301043	0.13866572	0.00017575
16w_SITTD12_TACAGGTCAGTAGAGC-1-10x	0.0245302	0.03726069	3.91E-05
16w_SITTD12_TACAGGTTCAATTGAGC-1-10x	0.13569374	0.4330631	0.0018953
16w_SITTD12_TACATTCAGTATGATG-1-10x	0.0469108	0.11694774	0.00010777
16w_SITTD12_TACATTCGTCGATTCA-1-10x	0.08243678	0.24343945	0.0033032
16w_SITTD12_TACATTCTCGTCGATA-1-10x	0.24964759	0.8388005	0.00081397
16w_SITTD12_TACCCACAGGATTCAA-1-10x	0.01751341	0.01227711	3.44E-05
16w_SITTD12_TACCCGTCAAGACGGT-1-10x	0.2462341	0.8266466	0.00083459
16w_SITTD12_TACCGGGTCTGGGCAC-1-10x	0.01930728	0.01866425	3.55E-05
16w_SITTD12_TACCTCGAGAGAACC-1-10x	0.24929123	0.8375316	0.00081888
16w_SITTD12_TACCTGCGTTGCATAC-1-10x	0.04101201	0.09594486	7.40E-05
16w_SITTD12_TACGGGCGTACAGTCT-1-10x	0.02341219	0.03327995	3.83E-05
16w_SITTD12_TACGGTAGTCTACAAC-1-10x	0.04376294	0.10573965	8.81E-05
16w_SITTD12_TACGTCCTCGACTCCT-1-10x	0.21203241	0.70487005	0.0010856
16w_SITTD12_TACTGCCAGCCTCTCT-1-10x	0.2538012	0.8535896	0.00079608
16w_SITTD12_TACTGCCGTGACCGTC-1-10x	0.25167352	0.8460139	0.00080467
16w_SITTD12_TACTGCCTCGCTCATC-1-10x	0.22730894	0.7592628	0.00096676
16w_SITTD12_TACTGCCTCGTTCTCG-1-10x	0.03459948	0.07311276	5.37E-05
16w_SITTD12_TACTTCATCACCTGGG-1-10x	0.0945375	0.2865246	0.0044051
16w_SITTD12_TACTTGTTCCGAGATG-1-10x	0.08280515	0.24475107	0.0033032
16w_SITTD12_TAGACCAAGGAACGAA-1-10x	0.17009531	0.5555513	0.0016584
16w_SITTD12_TAGACCACACCGTGGT-1-10x	0.20541482	0.68130785	0.001143
16w_SITTD12_TAGACCAGTATCTTCT-1-10x	0.08936998	0.26812539	0.0042295
16w_SITTD12_TAGACTGCACGTTCCGG-1-10x	0.16845532	0.549712	0.0016902
16w_SITTD12_TAGACTGGTAGCGATG-1-10x	0.28061044	0.949045	0.00075348
16w_SITTD12_TAGACTGGTCCTGAAT-1-10x	0.28795126	0.9751823	0.0007596
16w_SITTD12_TAGAGTCAGCATCGAG-1-10x	0.18563356	0.61087584	0.0013809
16w_SITTD12_TAGCACAGTTTCGACA-1-10x	0.04727389	0.11824054	0.00010777
16w_SITTD12_TAGCACATCATCACAG-1-10x	0.04250506	0.10126093	7.82E-05
16w_SITTD12_TAGGAGGAGCCTGTCG-1-10x	0.14185347	0.45499507	0.0018724
16w_SITTD12_TAGGAGGCATCAGCGC-1-10x	0.02629901	0.04355861	4.09E-05
16w_SITTD12_TAGGGTTAGCTCTGTA-1-10x	0.25250512	0.8489748	0.00080028
16w_SITTD12_TAGGTAATCATAGCAC-1-10x	0.02596368	0.04236465	4.09E-05
16w_SITTD12_TAGGTTGGTCGATGCC-1-10x	0.01640608	0.00833441	3.33E-05
16w_SITTD12_TAGTGCAGTTGCGGAA-1-10x	0.27671024	0.9351582	0.00075222

16w_SITTD12_TAGTGCATCAGACCTA-1-10x	0.20830409	0.69159526	0.0011177
16w_SITTD12_TATACCTCATTGGCAT-1-10x	0.22333433	0.74511105	0.00099599
16w_SITTD12_TATACCTTCAGTGTGT-1-10x	0.02587188	0.04203779	4.09E-05
16w_SITTD12_TATATCCAGACCATAA-1-10x	0.21479042	0.7146901	0.0010625
16w_SITTD12_TATATCCAGCCGCACT-1-10x	0.01972518	0.0201522	3.55E-05
16w_SITTD12_TATATCCGTTTCTTAC-1-10x	0.2155477	0.71738636	0.0010625
16w_SITTD12_TATCAGGAGTTATAG-1-10x	0.10508297	0.32407215	0.0036214
16w_SITTD12_TATCCTACAAACCATC-1-10x	0.03477237	0.07372835	5.37E-05
16w_SITTD12_TATCGCCAGAGATTCA-1-10x	0.27448785	0.92724526	0.00075233
16w_SITTD12_TATCGCCCAACGCCCA-1-10x	0.04735901	0.1185436	0.00010777
16w_SITTD12_TATCGCCCATCAGCAT-1-10x	0.07036959	0.20047376	0.0011935
16w_SITTD12_TATCGCCCATCGTGCG-1-10x	0.25420246	0.85501826	0.00079207
16w_SITTD12_TATCTGTAGCAACAAT-1-10x	0.25914034	0.87259984	0.00077499
16w_SITTD12_TATCTTGCACAAAGTA-1-10x	0.03813685	0.08570773	6.36E-05
16w_SITTD12_TATCTTGTACATACG-1-10x	0.02230256	0.02932906	3.76E-05
16w_SITTD12_TATCTTGTGAGGAACG-1-10x	0.01651908	0.00873676	3.38E-05
16w_SITTD12_TATGTTCAGGATACAT-1-10x	0.10658404	0.3294168	0.00352
16w_SITTD12_TATGTTCAGGGCATGT-1-10x	0.09076798	0.27310306	0.0043535
16w_SITTD12_TATTCAGTCGCGTCA-1-10x	0.03587562	0.07765653	5.58E-05
16w_SITTD12_TATTTCCGGTAGCTTAC-1-10x	0.1066166	0.3295327	0.0034182
16w_SITTD12_TATTTCCGGTCTCTCG-1-10x	0.23048528	0.77057225	0.00094498
16w_SITTD12_TATTTCCGTCCGCGAGT-1-10x	0.1661558	0.54152447	0.0017206
16w_SITTD12_TCAAGCAAGCGACTTT-1-10x	0.28113464	0.9509114	0.00075348
16w_SITTD12_TCAAGCAAGTCAGAGC-1-10x	0.20183757	0.66857094	0.0011792
16w_SITTD12_TCAAGCAGTCAGTCCG-1-10x	0.22779326	0.7609872	0.00095947
16w_SITTD12_TCAAGCATCTAGCAAC-1-10x	0.06405312	0.17798369	0.00058553
16w_SITTD12_TCAAGTGGTATGAGGC-1-10x	0.26799372	0.90412265	0.00075705
16w_SITTD12_TCACAAGGTCTACAGT-1-10x	0.054415	0.14366677	0.00021164
16w_SITTD12_TCACACCGTCGTCATA-1-10x	0.23654963	0.7921647	0.00089602
16w_SITTD12_TCACACCTCGCGTCGA-1-10x	0.07256364	0.20828575	0.0014433
16w_SITTD12_TCACATTAGCGTGTTT-1-10x	0.07460786	0.21556427	0.0017292
16w_SITTD12_TCACATTCAAATAGCA-1-10x	0.07964341	0.23349357	0.0027593
16w_SITTD12_TCACATTGATGCTTG-1-10x	0.07271007	0.20880714	0.0014433
16w_SITTD12_TCACATTGTATGCTTG-1-10x	0.14300047	0.459079	0.0018718
16w_SITTD12_TCACGCTAGCAGTCTT-1-10x	0.08657984	0.25819102	0.0039187
16w_SITTD12_TCACGCTCACATATCG-1-10x	0.11447853	0.35752544	0.0026715
16w_SITTD12_TCACGCTTCTACTGC-1-10x	0.13446982	0.42870528	0.0019027
16w_SITTD12_TCACGCTTCTCTCTT-1-10x	0.02071775	0.02368628	3.62E-05
16w_SITTD12_TCACGGGAGCCAGAGT-1-10x	0.01690573	0.01011342	3.38E-05
16w_SITTD12_TCACGGGGTAGATGTA-1-10x	0.18757379	0.61778414	0.0013519
16w_SITTD12_TCACGGGGTCTGAAT-1-10x	0.21792802	0.72586167	0.00104

16w_SITTD12_TCACTATCAGATCCAT-1-10x	0.0228668	0.03133807	3.76E-05
16w_SITTD12_TCACTATTCCGTATGA-1-10x	0.06134753	0.16835034	0.00042799
16w_SITTD12_TCACTCGAGCTAAATG-1-10x	0.01719154	0.01113109	3.38E-05
16w_SITTD12_TCAGCAAAGTATGTAG-1-10x	0.2692934	0.9087502	0.00075499
16w_SITTD12_TCAGCAACACAACGTT-1-10x	0.03808248	0.08551416	6.36E-05
16w_SITTD12_TCAGCAAGTGTTGAGG-1-10x	0.26666155	0.89937943	0.00075831
16w_SITTD12_TCAGCCTGTCAGGTAG-1-10x	0.17841975	0.58519083	0.0015081
16w_SITTD12_TCAGCCTTCCCAGTGG-1-10x	0.2701993	0.9119757	0.00075418
16w_SITTD12_TCAGGGCTCAAGTGGG-1-10x	0.0869195	0.25940037	0.0040384
16w_SITTD12_TCAGGGCTCCGTGGGT-1-10x	0.18067665	0.5932266	0.001475
16w_SITTD12_TCAGGTAAGGGCCCTT-1-10x	0.17551303	0.5748413	0.0015585
16w_SITTD12_TCATACTAGCATATGA-1-10x	0.10282685	0.31603914	0.0039137
16w_SITTD12_TCATGAGAGATGCTGG-1-10x	0.051	0.13150753	0.00014746
16w_SITTD12_TCATGCCGTGCTCCGA-1-10x	0.08516227	0.25314367	0.0037839
16w_SITTD12_TCATGTTGTGGGCTCT-1-10x	0.07663845	0.22279426	0.0022191
16w_SITTD12_TCATTACAGATGCTAA-1-10x	0.16419402	0.53453946	0.0017494
16w_SITTD12_TCATTCAAGAGAGAAC-1-10x	0.04077514	0.09510148	7.01E-05
16w_SITTD12_TCATTTGTCTCGGTAA-1-10x	0.1316517	0.41867125	0.001934
16w_SITTD12_TCCACGTCAACATACC-1-10x	0.2399765	0.8043662	0.00086997
16w_SITTD12_TCCAGAATCTAACGCA-1-10x	0.27347413	0.92363584	0.0007526
16w_SITTD12_TCCGATCAGCGTACT-1-10x	0.2757282	0.93166155	0.00075214
16w_SITTD12_TCCGATCAGTGATAGT-1-10x	0.02418912	0.03604624	3.91E-05
16w_SITTD12_TCCGGGATCGTGTGAT-1-10x	0.09102926	0.27403334	0.0043535
16w_SITTD12_TCCTAATAGCCTGAAG-1-10x	0.09940874	0.30386883	0.0041652
16w_SITTD12_TCCTAATCAAGTATCC-1-10x	0.24078546	0.8072465	0.00086997
16w_SITTD12_TCCTAATCAGAGGTTG-1-10x	0.26592895	0.89677095	0.00075974
16w_SITTD12_TCCTGCAAGACGGATC-1-10x	0.1008251	0.30891186	0.0040879
16w_SITTD12_TCCTGCAAGTTAGTA-1-10x	0.03704352	0.08181488	5.82E-05
16w_SITTD12_TCCTTCTAGTCTGTAC-1-10x	0.2837311	0.96015626	0.00075531
16w_SITTD12_TCCTTCTCATCAGCAT-1-10x	0.26895335	0.9075395	0.00075594
16w_SITTD12_TCGAACAGTTGTGGAG-1-10x	0.01989023	0.02073988	3.55E-05
16w_SITTD12_TCGACCTCATCCGATA-1-10x	0.26936394	0.90900135	0.00075499
16w_SITTD12_TCGACCTTCACTCTTA-1-10x	0.04633687	0.11490426	0.00010046
16w_SITTD12_TCGACCTTCCATAAG-1-10x	0.10220983	0.31384224	0.0039137
16w_SITTD12_TCGACGGCATTGAAGA-1-10x	0.05021684	0.12871905	0.00013566
16w_SITTD12_TCGACGGGTAGATTAG-1-10x	0.02875185	0.05229202	4.42E-05
16w_SITTD12_TCGCACTGTCCGAAAG-1-10x	0.2791914	0.9439925	0.00075266
16w_SITTD12_TCGCTACAAGACGAC-1-10x	0.08435527	0.25027034	0.0036353
16w_SITTD12_TCGGGACCAAGTCGTT-1-10x	0.28014946	0.94740367	0.00075303
16w_SITTD12_TCGGGCAAGATGACAT-1-10x	0.21416742	0.71247184	0.0010701
16w_SITTD12_TCGGGCACAACGATTC-1-10x	0.22116305	0.7373801	0.0010179

16w_SITTD12_TCGGGCAGTCTAGATC-1-10x	0.02258307	0.03032785	3.76E-05
16w_SITTD12_TCGGGTGAGATTGGGC-1-10x	0.24384975	0.8181571	0.00084583
16w_SITTD12_TCGGGTGGTGTAAATG-1-10x	0.08454555	0.25094783	0.0036353
16w_SITTD12_TCGGTCTAGACTCTTG-1-10x	0.07420889	0.21414372	0.0017292
16w_SITTD12_TCGGTCTCAAGAGGCT-1-10x	0.09825356	0.29975578	0.0042345
16w_SITTD12_TCGTAGACATGAAGGC-1-10x	0.01881253	0.01690269	3.49E-05
16w_SITTD12_TCGTAGAGTAATACCC-1-10x	0.08514073	0.253067	0.0037839
16w_SITTD12_TCGTCCAGTGCACAAG-1-10x	0.09108771	0.27424148	0.0043535
16w_SITTD12_TCGTGGGCAACTCATG-1-10x	0.22516577	0.7516319	0.00098137
16w_SITTD12_TCTACATTCATCCCGT-1-10x	0.25212938	0.847637	0.00080467
16w_SITTD12_TCTACCGAGGCGTTAG-1-10x	0.04122207	0.09669278	7.40E-05
16w_SITTD12_TCTACCGAGGTCCAGA-1-10x	0.04752775	0.11914443	0.00011598
16w_SITTD12_TCTATCACATATGCGT-1-10x	0.10558299	0.3258525	0.0036214
16w_SITTD12_TCTCAGCGTCCCGGTA-1-10x	0.261659	0.8815676	0.00076727
16w_SITTD12_TCTCCGAAGGATCATA-1-10x	0.28830838	0.97645384	0.0007596
16w_SITTD12_TCTCCGAAGTTTCTTC-1-10x	0.25285012	0.8502032	0.00080028
16w_SITTD12_TCTCTGGCAAATAAG-1-10x	0.1888699	0.622399	0.001338
16w_SITTD12_TCTCTGGCAGTGTGCC-1-10x	0.04811062	0.12121975	0.00011598
16w_SITTD12_TCTCTGGTCATTGCGA-1-10x	0.06410433	0.17816605	0.00058553
16w_SITTD12_TCTGTGGTGTACAGG-1-10x	0.01852091	0.01586434	3.49E-05
16w_SITTD12_TCTTAGTTCGATACGT-1-10x	0.08454601	0.25094944	0.0036353
16w_SITTD12_TCTTCTAGATGAAGG-1-10x	0.04675671	0.11639909	0.00010777
16w_SITTD12_TCTTCTAGCAGTACG-1-10x	0.13436338	0.4283263	0.0019027
16w_SITTD12_TCTTCTTCATTCTTG-1-10x	0.1597943	0.5188741	0.0018109
16w_SITTD12_TCTTGCGAGCGACTTT-1-10x	0.02722896	0.04686973	4.19E-05
16w_SITTD12_TCTTGCGAGTTGTCGT-1-10x	0.01921548	0.01833741	3.49E-05
16w_SITTD12_TCTTGCGGTCAATGGG-1-10x	0.04535481	0.11140759	9.39E-05
16w_SITTD12_TCTTTGAAGACTTGTC-1-10x	0.02201165	0.0282933	3.69E-05
16w_SITTD12_TCTTTGAGTTCCTAGA-1-10x	0.01871917	0.01657026	3.49E-05
16w_SITTD12_TCTTTGATCCGCACTT-1-10x	0.0794382	0.23276287	0.0027593
16w_SITTD12_TGAACGTCAACCGCTG-1-10x	0.0952063	0.28890586	0.0044051
16w_SITTD12_TGAACGTGTTCAGTAC-1-10x	0.02627972	0.0434899	4.09E-05
16w_SITTD12_TGAACGTTCATAAGGA-1-10x	0.03627092	0.079064	5.82E-05
16w_SITTD12_TGAATCGTCCCTCAGC-1-10x	0.07710727	0.22446352	0.0022191
16w_SITTD12_TGAATGCTCTCGCTCA-1-10x	0.27091816	0.9145352	0.00075418
16w_SITTD12_TGACAGTAGAGTTAT-1-10x	0.17035073	0.55646074	0.0016584
16w_SITTD12_TGACAGTGTAGCTTGT-1-10x	0.03967321	0.09117801	6.67E-05
16w_SITTD12_TGACAGTCCCAACTC-1-10x	0.17344688	0.5674847	0.0015922
16w_SITTD12_TGACCCTCAGCACCCA-1-10x	0.01554706	0.00527584	3.33E-05
16w_SITTD12_TGAGACTAGAGTCTGG-1-10x	0.04422939	0.10740046	8.81E-05
16w_SITTD12_TGAGCATGTATGGTTC-1-10x	0.2035305	0.6745987	0.0011608

16w_SITTD12_TGAGCGCAGTGGTTAA-1-10x	0.04417161	0.10719475	8.81E-05
16w_SITTD12_TGAGCGCGTGGCTTGC-1-10x	0.0459154	0.11340356	0.00010046
16w_SITTD12_TGAGCGCGTGGGTCAA-1-10x	0.08869953	0.26573825	0.0041422
16w_SITTD12_TGAGGGAAGCTTTCTT-1-10x	0.08818808	0.26391718	0.0041422
16w_SITTD12_TGAGGTTGTCGTCATA-1-10x	0.04638066	0.11506016	0.00010046
16w_SITTD12_TGAGGTTTCACAACCA-1-10x	0.0423735	0.10079248	7.82E-05
16w_SITTD12_TGAGTCACACGAGGTA-1-10x	0.08821928	0.26402828	0.0041422
16w_SITTD12_TGAGTCAGTTGGGCCT-1-10x	0.03411797	0.07139834	5.17E-05
16w_SITTD12_TGATCAGTCAGAGCAG-1-10x	0.0198695	0.02066608	3.55E-05
16w_SITTD12_TGCACGGAGTCGGCAA-1-10x	0.09116828	0.27452832	0.0043535
16w_SITTD12_TGCAGTAAGCCTCCAG-1-10x	0.21272434	0.70733374	0.0010856
16w_SITTD12_TGCAGTACAGTCACGC-1-10x	0.21263821	0.7070271	0.0010856
16w_SITTD12_TGCAGTATCTCGCTCA-1-10x	0.04617162	0.11431586	0.00010046
16w_SITTD12_TGCATCCGTAGTACGG-1-10x	0.05192743	0.13480966	0.00016076
16w_SITTD12_TGCATGACATCCGTGG-1-10x	0.04192488	0.09919518	7.82E-05
16w_SITTD12_TGCATGAGTCCAGCGT-1-10x	0.11358652	0.3543494	0.0027534
16w_SITTD12_TGCATGAGTGGGACAT-1-10x	0.02739903	0.04747526	4.19E-05
16w_SITTD12_TGCGACGCACTACAGT-1-10x	0.04476042	0.10929121	9.39E-05
16w_SITTD12_TGCGACGTCGGTAAGG-1-10x	0.1032467	0.31753406	0.0038193
16w_SITTD12_TGCGATAAGACCATAA-1-10x	0.155672	0.50419647	0.0018459
16w_SITTD12_TGCGATAAGTTTCGAC-1-10x	0.01852361	0.01587397	3.49E-05
16w_SITTD12_TGCGATACAGCGTTGC-1-10x	0.263698	0.8888276	0.00076313
16w_SITTD12_TGCGATAGTGTGGACA-1-10x	0.01680014	0.00973746	3.38E-05
16w_SITTD12_TGCGGCAAGAGGACTC-1-10x	0.22022213	0.7340299	0.0010253
16w_SITTD12_TGCGGCAGTTAGCGGA-1-10x	0.23738152	0.7951266	0.00088935
16w_SITTD12_TGCGGCATCAATCTCT-1-10x	0.27262923	0.9206276	0.000753
16w_SITTD12_TGCGGCATCTATTGTC-1-10x	0.04691258	0.11695407	0.00010777
16w_SITTD12_TGCGGGTGTCTGCGCA-1-10x	0.09854994	0.30081105	0.0042345
16w_SITTD12_TGCGGGTTCATGCAGT-1-10x	0.08991489	0.27006558	0.0042999
16w_SITTD12_TGCGGGTTCGCTAGCG-1-10x	0.08407187	0.24926126	0.0036353
16w_SITTD12_TGCGGGTTCGGCTTCT-1-10x	0.19964854	0.6607768	0.0011985
16w_SITTD12_TGGAAGTAGCACCTGC-1-10x	0.03516613	0.07513034	5.37E-05
16w_SITTD12_TGGAGAGCAGTAACGG-1-10x	0.02494434	0.03873523	4.00E-05
16w_SITTD12_TGGAGGAGTACTCGAT-1-10x	0.04892314	0.12411274	0.00012523
16w_SITTD12_TGGATGTAGCTCGACC-1-10x	0.29178908	0.988847	0.00076378
16w_SITTD12_TGGCGTGTGAGTCCG-1-10x	0.03315181	0.0679583	5.00E-05
16w_SITTD12_TGGGAAGAGTCTCCTC-1-10x	0.05764696	0.1551743	0.00028394
16w_SITTD12_TGGGAAGCAGTTGTTG-1-10x	0.18697028	0.61563534	0.0013662
16w_SITTD12_TGGGAAGTCTGAGAGG-1-10x	0.1775443	0.5820737	0.0015248
16w_SITTD12_TGGGATTAGGTCGTAG-1-10x	0.11863483	0.3723241	0.0023898
16w_SITTD12_TGGGATTGTGGATGAC-1-10x	0.26284644	0.88579553	0.00076511

16w_SITTD12_TGGGATTGTTGCATGT-1-10x	0.14174311	0.45460212	0.0018724
16w_SITTD12_TGGGTTAGTTCCGCAG-1-10x	0.1689299	0.5514018	0.0016744
16w_SITTD12_TGGTACACACAGCCAC-1-10x	0.03799168	0.08519083	6.07E-05
16w_SITTD12_TGGTACACATAATCGC-1-10x	0.02364324	0.03410262	3.83E-05
16w_SITTD12_TGGTAGTAGCTTCGTA-1-10x	0.25232324	0.8483273	0.00080028
16w_SITTD12_TGGTAGTAGGTACAGC-1-10x	0.11098397	0.3450829	0.0030221
16w_SITTD12_TGGTAGTCAAGCTGTT-1-10x	0.11057436	0.34362447	0.0030221
16w_SITTD12_TGGTAGTTCGTTGCCT-1-10x	0.01759905	0.01258204	3.44E-05
16w_SITTD12_TGTAACGCATGACTGT-1-10x	0.08514529	0.2530832	0.0037839
16w_SITTD12_TGTAACGTCTGGGCG-1-10x	0.07352152	0.21169631	0.0015819
16w_SITTD12_TGTAAGCCAACTTGGT-1-10x	0.04372159	0.10559242	8.81E-05
16w_SITTD12_TGTAAGCGTCGAACAG-1-10x	0.02576151	0.0416448	4.00E-05
16w_SITTD12_TGTAAGCTCGCTATTT-1-10x	0.04101863	0.09596843	7.40E-05
16w_SITTD12_TGTAAGCTCGCTCTAC-1-10x	0.08995145	0.27019575	0.0042999
16w_SITTD12_TGTACAGAGCAATTCC-1-10x	0.1594572	0.51767385	0.0018109
16w_SITTD12_TGTACAGCAATGAAAC-1-10x	0.06369112	0.17669477	0.00058553
16w_SITTD12_TGTACAGCACCGGTCA-1-10x	0.03478312	0.07376662	5.37E-05
16w_SITTD12_TGTACAGTCGATTTCT-1-10x	0.09656324	0.2937373	0.0043435
16w_SITTD12_TGTAGACGTAACCAGG-1-10x	0.05847615	0.15812667	0.00031414
16w_SITTD12_TGTCCCATCCAATGCA-1-10x	0.03856189	0.08722111	6.36E-05
16w_SITTD12_TGTCCTGTCCTCTTTC-1-10x	0.18943843	0.62442327	0.0013244
16w_SITTD12_TGTCCTGTCGAATGCT-1-10x	0.04571422	0.11268728	0.00010046
16w_SITTD12_TGTGAGTAGGATGGCT-1-10x	0.16499399	0.5373878	0.0017353
16w_SITTD12_TGTGAGTTCAGCTTGA-1-10x	0.04767383	0.11966453	0.00011598
16w_SITTD12_TGTGATGAGGAGACCT-1-10x	0.09559268	0.2902816	0.0043808
16w_SITTD12_TGTGATGAGGGTGAGG-1-10x	0.02535621	0.04020172	4.00E-05
16w_SITTD12_TGTGATGGTACAACGG-1-10x	0.06019738	0.16425516	0.00038577
16w_SITTD12_TGTGATGGTGGTCTAT-1-10x	0.0523717	0.13639149	0.00017575
16w_SITTD12_TGTGCGGTCTGAAGAAT-1-10x	0.2913883	0.98742	0.00076269
16w_SITTD12_TGTGCGGTCTGAGGCC-1-10x	0.08747125	0.2613649	0.0040384
16w_SITTD12_TGTTACTCATTCGATG-1-10x	0.14452484	0.4645066	0.0018716
16w_SITTD12_TGTTGAGCAATCGCCG-1-10x	0.0194881	0.01930808	3.55E-05
16w_SITTD12_TGTTGAGCAGTATGAA-1-10x	0.14318737	0.45974448	0.0018718
16w_SITTD12_TGTTGAGGTTTCCAC-1-10x	0.086115	0.25653592	0.0039187
16w_SITTD12_TGTTGAGTCTTCGACC-1-10x	0.04392617	0.10632085	8.81E-05
16w_SITTD12_TGTTGGAAGTCGGGAT-1-10x	0.11198966	0.34866375	0.002929
16w_SITTD12_TGTTGGATCACCATCC-1-10x	0.04159327	0.09801446	7.40E-05
16w_SITTD12_TTAATCCCAGCCGGTT-1-10x	0.25520265	0.8585795	0.00078825
16w_SITTD12_TTACCGCGTGCCTATA-1-10x	0.06457024	0.17982492	0.00064991
16w_SITTD12_TTACGCCAGCTGACCC-1-10x	0.0165613	0.00888709	3.38E-05
16w_SITTD12_TTACGCCGTGGATCGA-1-10x	0.02266064	0.03060402	3.76E-05

16w_SITTD12_TTACGTTAGACTCGAG-1-10x	0.01657816	0.00894712	3.38E-05
16w_SITTD12_TTACGTTGTCCAGCCA-1-10x	0.09706113	0.29551005	0.0043435
16w_SITTD12_TTAGGCAGTATCCCAA-1-10x	0.02039328	0.022531	3.62E-05
16w_SITTD12_TTAGGCAGTATGTCAC-1-10x	0.03228057	0.06485621	4.83E-05
16w_SITTD12_TTAGGCAGTCGATTTG-1-10x	0.11487736	0.3589455	0.0026715
16w_SITTD12_TTAGGGTAGGATTTCC-1-10x	0.08861893	0.26545125	0.0041422
16w_SITTD12_TTAGGGTCAGGTCCGT-1-10x	0.03859934	0.08735442	6.36E-05
16w_SITTD12_TTATTGCCAGTAGATA-1-10x	0.0415803	0.09796828	7.40E-05
16w_SITTD12_TTCAATCTCGAGAACG-1-10x	0.26634362	0.8982474	0.00075831
16w_SITTD12_TTCACCGAGCCTAGGA-1-10x	0.03853883	0.08713899	6.36E-05
16w_SITTD12_TTCACCGGTCCCGGTA-1-10x	0.10749745	0.33266902	0.0034182
16w_SITTD12_TTCACCGTCTGAGATC-1-10x	0.2639631	0.88977146	0.00076313
16w_SITTD12_TTCAGGAGTATCAGGG-1-10x	0.06367033	0.17662075	0.00058553
16w_SITTD12_TTCATTGGTACTGAGG-1-10x	0.18481308	0.6079545	0.0013959
16w_SITTD12_TTCATTGTCAGAACCT-1-10x	0.08863349	0.2655031	0.0041422
16w_SITTD12_TTCCAATCATTGAGCT-1-10x	0.01544312	0.00490574	3.27E-05
16w_SITTD12_TTCCACGCAACTCCCT-1-10x	0.04759883	0.11939751	0.00011598
16w_SITTD12_TTCCGGTAGGAGACCT-1-10x	0.11753544	0.3684097	0.002453
16w_SITTD12_TTCCGGGTACGGTTT-1-10x	0.07622241	0.22131297	0.0020486
16w_SITTD12_TTCCTCTTCATTCGGA-1-10x	0.24290317	0.81478673	0.00085167
16w_SITTD12_TTCCTCTTCCTTGACC-1-10x	0.19083545	0.6293974	0.0013113
16w_SITTD12_TTCGATTCACTTCTCG-1-10x	0.08991222	0.2700561	0.0042999
16w_SITTD12_TTCGATTTACCTTGC-1-10x	0.26666394	0.8993879	0.00075831
16w_SITTD12_TTCGCTGGTGCCTTCT-1-10x	0.21741076	0.7240199	0.0010475
16w_SITTD12_TTCGCTGGTGTGCCTG-1-10x	0.20087707	0.665151	0.0011888
16w_SITTD12_TTCGCTGTCATAGAGA-1-10x	0.12421744	0.39220124	0.0021124
16w_SITTD12_TTCGGTCGTCAGCGTC-1-10x	0.03862548	0.08744752	6.36E-05
16w_SITTD12_TTCGGTCGTCAGCCA-1-10x	0.01958392	0.01964923	3.55E-05
16w_SITTD12_TTCGGTCGTGGCCTCA-1-10x	0.13071515	0.4153366	0.001948
16w_SITTD12_TTCTAGTCATACTTTC-1-10x	0.01852868	0.01589201	3.49E-05
16w_SITTD12_TTCTAGTTCAGTGGGA-1-10x	0.08873352	0.26585925	0.0041422
16w_SITTD12_TTCTCTCAGATCACCT-1-10x	0.07964896	0.23351331	0.0027593
16w_SITTD12_TTCTTGAAGGTTAGTA-1-10x	0.04081636	0.09524825	7.01E-05
16w_SITTD12_TTCTTGACAAATGGCG-1-10x	0.09100349	0.27394158	0.0043535
16w_SITTD12_TTGAACGGTGTGAGCA-1-10x	0.03313227	0.0678887	5.00E-05
16w_SITTD12_TTGAACGTCTCTCGAC-1-10x	0.04282562	0.10240228	8.29E-05
16w_SITTD12_TTGACCCACAACGTT-1-10x	0.28069428	0.9493435	0.00075348
16w_SITTD12_TTGAGTGAGTCTGCAT-1-10x	0.04488487	0.10973433	9.39E-05
16w_SITTD12_TTGATGGAGGTCCCTG-1-10x	0.05227046	0.13603103	0.00017575
16w_SITTD12_TTGCATTGTTCCGGTAT-1-10x	0.22030744	0.73433363	0.0010179
16w_SITTD12_TTGCATTTCTACGAA-1-10x	0.20725276	0.6878519	0.001126

16w_SITTD12_TTGCTGCAGGCACCAA-1-10x	0.09402054	0.2846839	0.0044154
16w_SITTD12_TTGCTGCCAGACCGCT-1-10x	0.26098877	0.87918127	0.00076963
16w_SITTD12_TTGCTGCTCGCTGTCT-1-10x	0.04434324	0.10780583	8.81E-05
16w_SITTD12_TTGGATGTCACGGACC-1-10x	0.04360859	0.10519009	8.29E-05
16w_SITTD12_TTGGATGTCGGCTGGT-1-10x	0.01807754	0.01428571	3.44E-05
16w_SITTD12_TTGGATGTCTAGTGAC-1-10x	0.04670944	0.11623079	0.00010777
16w_SITTD12_TTGGGATCAATCGCAT-1-10x	0.02506118	0.03915126	4.00E-05
16w_SITTD12_TTGGTTTCACAAAGCG-1-10x	0.14112553	0.45240322	0.0018734
16w_SITTD12_TTGTGGAGTCTCCCTA-1-10x	0.21347012	0.7099891	0.0010778
16w_SITTD12_TTGTGGATCATTACCT-1-10x	0.11831529	0.37118638	0.0023898
16w_SITTD12_TTGTGTTCAACCGTGC-1-10x	0.03421059	0.07172813	5.17E-05
16w_SITTD12_TTGTTCAGTCCAGGTC-1-10x	0.07135394	0.20397855	0.0013138
16w_SITTD12_TTGTGTAGTGCAGGT-1-10x	0.05831469	0.15755175	0.00031414
16w_SITTD12_TTGTTTGTCGGCGATC-1-10x	0.0154991	0.00510507	3.33E-05
16w_SITTD12_TTTACCAAGAGGTCAC-1-10x	0.08970057	0.2693025	0.0042999
16w_SITTD12_TTTACCAAGCAGGTCA-1-10x	0.02932273	0.05432468	4.42E-05
16w_SITTD12_TTTACCAGTCCACAGC-1-10x	0.02385074	0.03484142	3.83E-05
16w_SITTD12_TTTACCATCGCCAGTG-1-10x	0.09915692	0.30297223	0.0041652
16w_SITTD12_TTTAGTCAGGTGCTTT-1-10x	0.08898793	0.26676512	0.0042295
16w_SITTD12_TTTATGCGTTCTCCTG-1-10x	0.07860542	0.22979775	0.002576
16w_SITTD12_TTTATGCTCCGAGGCT-1-10x	0.07857776	0.22969928	0.002576
16w_SITTD12_TTTCACACACTTCAAG-1-10x	0.12453067	0.3933165	0.0020803
16w_SITTD12_TTTCACAGTGCCGGTT-1-10x	0.23667148	0.7925985	0.00089602
16w_SITTD12_TTTCGATAGTAACGTA-1-10x	0.03139776	0.06171292	4.68E-05
16w_SITTD12_TTTGACTAGTGGTCAG-1-10x	0.09079325	0.273193	0.0043535
16w_SITTD12_TTTGATCTCTCTATGT-1-10x	0.18382227	0.6044267	0.0014112
16w_SITTD12_TTTGGAGAGACATCCT-1-10x	0.03340836	0.06887174	5.17E-05
16w_SITTD12_TTTGGAGGTTAAGACA-1-10x	0.25986308	0.87517315	0.00077221
16w_SITTD12_TTTGGTTAGCTACAAA-1-10x	0.24279207	0.81439114	0.00085167
16w_SITTD12_TTTGTTGAGACGCATG-1-10x	0.03200993	0.06389256	4.83E-05
16w_SITTD12_TTTGTTGCAGCATTGT-1-10x	0.06181505	0.17001493	0.00047505
16w_SITTD12_TTTGTTGTCTGCTGAA-1-10x	0.02296378	0.03168336	3.76E-05
16w_SITTD12_AAACCCATCTCACGAA-1-10x	0.04685594	0.11675242	0.00010777
16w_SITTD12_AAACGAAGTCCGGATC-1-10x	0.01970311	0.02007364	3.55E-05
16w_SITTD12_AAACGCTAGGTAGATT-1-10x	0.09552284	0.29003295	0.0043808
16w_SITTD12_AAACGCTTCGTAACCA-1-10x	0.03877376	0.08797546	6.36E-05
16w_SITTD12_AAAGGGCAGCAACAGC-1-10x	0.09479448	0.28743958	0.0044051
16w_SITTD12_AAAGGGCAGGATACCG-1-10x	0.24751396	0.83120364	0.00082396
16w_SITTD12_AAAGGTACAGATCACT-1-10x	0.03638851	0.07948269	5.82E-05
16w_SITTD12_AAAGGTAGTCCAAATC-1-10x	0.02085429	0.02417246	3.62E-05
16w_SITTD12_AAATGGAAGGGTATAT-1-10x	0.24951573	0.838331	0.00081397

16w_SITTD12_AAATGGATCAAGGAGC-1-10x	0.18777262	0.61849207	0.0013519
16w_SITTD12_AACAAAGGTAACATCC-1-10x	0.06304309	0.17438743	0.00052741
16w_SITTD12_AACAAAGGTAGGACCA-1-10x	0.09404057	0.28475523	0.0044154
16w_SITTD12_AACAACCAGGCTGGAT-1-10x	0.02942558	0.05469089	4.42E-05
16w_SITTD12_AACAACCCAAGTATCC-1-10x	0.13153695	0.41826266	0.001934
16w_SITTD12_AACAACCTCGAGTCTA-1-10x	0.24280785	0.8144473	0.00085167
16w_SITTD12_AACACACAGTGCACCC-1-10x	0.08460173	0.25114787	0.0036353
16w_SITTD12_AACAGGGAGCGCCTTG-1-10x	0.2645747	0.8919491	0.00076135
16w_SITTD12_AACAGGGTCCCTGGTT-1-10x	0.14814976	0.47741327	0.0018713
16w_SITTD12_AACCAACTCGACATAC-1-10x	0.08556843	0.25458983	0.0037839
16w_SITTD12_AACCAACTCGACATTG-1-10x	0.06493634	0.18112843	0.00064991
16w_SITTD12_AACCTGAAGGGAGTGG-1-10x	0.24852835	0.8348154	0.00081888
16w_SITTD12_AACCTTTCAGGATTCT-1-10x	0.01805717	0.0142132	3.44E-05
16w_SITTD12_AACGGGATCGGTGAAG-1-10x	0.09809613	0.29919523	0.0042943
16w_SITTD12_AAGAACAGTCCTGTTC-1-10x	0.26591834	0.89673316	0.00075974
16w_SITTD12_AAGAACATCGCTAAAC-1-10x	0.23725761	0.7946855	0.00088935
16w_SITTD12_AAGACAATCAGCCTTC-1-10x	0.26144814	0.8808169	0.00076963
16w_SITTD12_AAGATAGCAGTGCCTG-1-10x	0.0611869	0.16777839	0.00042799
16w_SITTD12_AAGATAGGTCCGGATC-1-10x	0.05101044	0.1315447	0.00014746
16w_SITTD12_AAGATAGTCATCACAG-1-10x	0.21148784	0.7029311	0.0010934
16w_SITTD12_AAGCATCTCCTCGCAT-1-10x	0.04487874	0.10971252	9.39E-05
16w_SITTD12_AAGCGAGCAATGTGGG-1-10x	0.22144167	0.73837215	0.0010106
16w_SITTD12_AAGCGAGGTAGGACTG-1-10x	0.2424596	0.8132073	0.00085764
16w_SITTD12_AAGCGAGGTGGATACG-1-10x	0.01769537	0.01292499	3.44E-05
16w_SITTD12_AAGCGTTAGAGAGGTA-1-10x	0.02038512	0.02250197	3.62E-05
16w_SITTD12_AAGCGTTCAATTTCTC-1-10x	0.28032467	0.9480275	0.00075303
16w_SITTD12_AAGCGTTTCGGACGTC-1-10x	0.27193728	0.91816384	0.000753
16w_SITTD12_AAGCGTTTCTGCGGGT-1-10x	0.05518616	0.14641249	0.000233
16w_SITTD12_AAGGAATTCGTATGA-1-10x	0.05213308	0.13554189	0.00017575
16w_SITTD12_AAGGTAAGTTAACCTG-1-10x	0.04268615	0.10190571	7.82E-05
16w_SITTD12_AAGGTAATCGTAGTGT-1-10x	0.2319223	0.7756888	0.00093066
16w_SITTD12_AAGTACCAGTGGTGGT-1-10x	0.1531148	0.4950915	0.0018617
16w_SITTD12_AATCACGCATGACTCA-1-10x	0.09036858	0.27168098	0.0042999
16w_SITTD12_AATCACGTCCACTTTA-1-10x	0.04917982	0.12502667	0.00012523
16w_SITTD12_AATCGTGAGAGACAAG-1-10x	0.24776584	0.83210045	0.00082396
16w_SITTD12_AATGAAGAGGGCTTCC-1-10x	0.27309844	0.9222982	0.0007526
16w_SITTD12_AATGAAGTCTACTATC-1-10x	0.23167282	0.7748006	0.00093066
16w_SITTD12_AATGAAGTCTTCCAGC-1-10x	0.07088547	0.20231053	0.0011935
16w_SITTD12_AATGACCCAGGGATAC-1-10x	0.20032255	0.66317666	0.0011985
16w_SITTD12_AATGACCCATCTCCCA-1-10x	0.02696237	0.04592052	4.19E-05
16w_SITTD12_AATGGAAAGTACCGGA-1-10x	0.04837387	0.12215705	0.00012523

16w_SITTD12_AATTCCTTCTCGTGGG-1-10x	0.09850761	0.30066034	0.0042345
16w_SITTD12_ACAAAGACACTAGTAC-1-10x	0.19865826	0.6572508	0.0012085
16w_SITTD12_ACAACCATCCGAGATT-1-10x	0.21474774	0.7145381	0.0010625
16w_SITTD12_ACAAGCTGTGGATACG-1-10x	0.02359388	0.03392686	3.83E-05
16w_SITTD12_ACACCAAAGCCTCATA-1-10x	0.08455483	0.25098085	0.0036353
16w_SITTD12_ACACGCGGTCTTTCAT-1-10x	0.1486732	0.479277	0.0018713
16w_SITTD12_ACACTGACACTCACTC-1-10x	0.19957128	0.6605017	0.0012085
16w_SITTD12_ACACTGACAGAGCCCT-1-10x	0.03016835	0.05733554	4.55E-05
16w_SITTD12_ACAGAAATCCCTCAAC-1-10x	0.03677305	0.08085187	5.82E-05
16w_SITTD12_ACATTTTCAGAGGACTC-1-10x	0.12981376	0.41212717	0.0019639
16w_SITTD12_ACATTTCCACAACCGC-1-10x	0.0245347	0.03727669	3.91E-05
16w_SITTD12_ACCAAACAGGCTCTAT-1-10x	0.27450296	0.9272991	0.00075233
16w_SITTD12_ACCAAACTCGTAGTCA-1-10x	0.23486796	0.786177	0.00090964
16w_SITTD12_ACCAACACAATGTCTG-1-10x	0.07416367	0.21398272	0.0017292
16w_SITTD12_ACCAACAGTGGCAGAT-1-10x	0.06034557	0.16478279	0.00038577
16w_SITTD12_ACCACAAAGTATCCTG-1-10x	0.04968411	0.12682223	0.00013566
16w_SITTD12_ACCACAATCGGCATCG-1-10x	0.03151333	0.06212442	4.83E-05
16w_SITTD12_ACCCAAACAAGTCCCG-1-10x	0.12999427	0.4127699	0.0019639
16w_SITTD12_ACCCAAAGTCGTGGAA-1-10x	0.0496727	0.1267816	0.00013566
16w_SITTD12_ACCCTCAAGTAGCAAT-1-10x	0.11183845	0.3481253	0.002929
16w_SITTD12_ACCCTCACATCGAAGG-1-10x	0.03652358	0.0799636	5.82E-05
16w_SITTD12_ACCCTCAGTGAATTAG-1-10x	0.03700291	0.0816703	5.82E-05
16w_SITTD12_ACCCTTGAGGAGTACC-1-10x	0.08571426	0.25510907	0.0037839
16w_SITTD12_ACCCTTGTCCTCAGAA-1-10x	0.27830422	0.9408336	0.00075239
16w_SITTD12_ACGATGTAGCTGCCTG-1-10x	0.0810167	0.23838323	0.0029431
16w_SITTD12_ACGATGTTGAGAATA-1-10x	0.03564533	0.07683656	5.58E-05
16w_SITTD12_ACGCACGCAAGATGGC-1-10x	0.02094928	0.02451065	3.62E-05
16w_SITTD12_ACGGAAGTCGATTGGT-1-10x	0.076221	0.22130792	0.0020486
16w_SITTD12_ACGGGTCAGCTATCCA-1-10x	0.06497642	0.18127115	0.00064991
16w_SITTD12_ACGGGTCAGGGAGGCA-1-10x	0.02058817	0.02322492	3.62E-05
16w_SITTD12_ACGGTCGTCCATTGGA-1-10x	0.07571258	0.2194977	0.0020486
16w_SITTD12_ACGTACAAGCATACTC-1-10x	0.04131446	0.09702174	7.40E-05
16w_SITTD12_ACGTACATCCGCTGTT-1-10x	0.11604512	0.36310336	0.0025211
16w_SITTD12_ACGTTCCCATCCTTCG-1-10x	0.02599545	0.04247775	4.09E-05
16w_SITTD12_ACGTTCCGTATCACCA-1-10x	0.10255791	0.31508157	0.0039137
16w_SITTD12_ACTATCTTCCGAGTGC-1-10x	0.02457698	0.03742724	3.91E-05
16w_SITTD12_ACTATGGGTGTATCCA-1-10x	0.01776114	0.01315917	3.44E-05
16w_SITTD12_ACTATTCAGAAGCTCG-1-10x	0.13357069	0.42550388	0.0019115
16w_SITTD12_ACTATTCCACATCATG-1-10x	0.08358416	0.24752475	0.0034742
16w_SITTD12_ACTATTCTCGCCAGAC-1-10x	0.18149741	0.5961489	0.0014587
16w_SITTD12_ACTCCCACAATTGCCA-1-10x	0.19402573	0.64075655	0.0012624

16w_SITTD12_ACTCCCACAGTATGAA-1-10x	0.12607378	0.3988108	0.0020515
16w_SITTD12_ACTCCCACATAACGGG-1-10x	0.04850074	0.12260877	0.00012523
16w_SITTD12_ACTCCCAGTGACACAG-1-10x	0.06307248	0.17449209	0.00052741
16w_SITTD12_ACTCTCGTCACAAGGG-1-10x	0.09480441	0.28747493	0.0044051
16w_SITTD12_ACTGATGGTAGAGTTA-1-10x	0.09663653	0.29399827	0.0043435
16w_SITTD12_ACTTATCTCTGTGCGG-1-10x	0.28266352	0.9563551	0.00075462
16w_SITTD12_ACTTTCAAGCATTTGC-1-10x	0.07720374	0.22480704	0.0022191
16w_SITTD12_ACTTTGTCAGCGGTCT-1-10x	0.1022808	0.31409493	0.0039137
16w_SITTD12_AGAAATGAGAAGTCTA-1-10x	0.12158382	0.38282412	0.0022308
16w_SITTD12_AGAAATGCAAAGTGTA-1-10x	0.10533737	0.32497796	0.0036214
16w_SITTD12_AGAAATGTCCGTACGG-1-10x	0.21185173	0.70422673	0.0010856
16w_SITTD12_AGAAATGTCTGCCTCA-1-10x	0.07891858	0.23091277	0.002576
16w_SITTD12_AGAAGCGAGTCTTGGT-1-10x	0.19813788	0.655398	0.0012187
16w_SITTD12_AGAAGCGACTAACCA-1-10x	0.163685	0.53272706	0.001763
16w_SITTD12_AGAAGCGTCGAGAGCA-1-10x	0.03958818	0.09087526	6.67E-05
16w_SITTD12_AGACCATCAACATACC-1-10x	0.01874281	0.01665444	3.49E-05
16w_SITTD12_AGACCATCAGCTTTCC-1-10x	0.09007382	0.27063146	0.0042999
16w_SITTD12_AGAGAATAGGCGTCCT-1-10x	0.02640428	0.04393343	4.09E-05
16w_SITTD12_AGAGAGCTCAGCCCAG-1-10x	0.02306458	0.03204229	3.83E-05
16w_SITTD12_AGATAGATCACTCACC-1-10x	0.01923019	0.01838978	3.49E-05
16w_SITTD12_AGATCCACAGTTCCAA-1-10x	0.25710645	0.86535805	0.00078121
16w_SITTD12_AGATCGTTCGAAGTGG-1-10x	0.1979059	0.654572	0.0012187
16w_SITTD12_AGATGCTAGACGCAGT-1-10x	0.21090971	0.70087266	0.0010934
16w_SITTD12_AGATGCTAGCATGCGA-1-10x	0.28567392	0.96707374	0.00075686
16w_SITTD12_AGATGCTCACGCGGTT-1-10x	0.02866433	0.05198043	4.42E-05
16w_SITTD12_AGCATCACAGCGTGCT-1-10x	0.02281121	0.03114014	3.76E-05
16w_SITTD12_AGCATCATCTCCGTGT-1-10x	0.21963869	0.73195255	0.0010253
16w_SITTD12_AGCCAATTCTAGACAC-1-10x	0.16263264	0.52898014	0.001776
16w_SITTD12_AGCCACGGTGAGGCAT-1-10x	0.25126183	0.84454805	0.00080467
16w_SITTD12_AGCGATTCACCGGTG-1-10x	0.07927766	0.23219131	0.002576
16w_SITTD12_AGCGCCACAGCTCATA-1-10x	0.26093197	0.87897897	0.00076963
16w_SITTD12_AGCGCTGAGCAGCCCT-1-10x	0.07042432	0.2006686	0.0011935
16w_SITTD12_AGCTACACAGCTCATA-1-10x	0.06279216	0.173494	0.00052741
16w_SITTD12_AGCTACAGTAGGGTAC-1-10x	0.18667711	0.6145915	0.0013662
16w_SITTD12_AGCTACATCTGATTCT-1-10x	0.23411399	0.78349245	0.00091657
16w_SITTD12_AGCTCAAAGACGACTG-1-10x	0.10311644	0.31707025	0.0038193
16w_SITTD12_AGCTCAAAGACGCCAA-1-10x	0.02660053	0.04463219	4.09E-05
16w_SITTD12_AGCTCAAAGTTAGAAC-1-10x	0.11689869	0.3661425	0.0025211
16w_SITTD12_AGCTCAAGTCAAAGCG-1-10x	0.0229815	0.03174647	3.76E-05
16w_SITTD12_AGCTTCCAGACTCATC-1-10x	0.1528503	0.49414974	0.0018617
16w_SITTD12_AGCTTCCCATCCGATA-1-10x	0.0248	0.03822132	3.91E-05

16w_SITTD12_AGGAAATAGTGGCGAT-1-10x	0.04915327	0.12493213	0.00012523
16w_SITTD12_AGGATAAGTTTCAGAC-1-10x	0.09086468	0.27344736	0.0043535
16w_SITTD12_AGGATCTGTACCTATG-1-10x	0.11553647	0.3612923	0.002594
16w_SITTD12_AGGCCACAGATTAGTG-1-10x	0.01693387	0.01021364	3.38E-05
16w_SITTD12_AGGCCACAGCACTGGA-1-10x	0.2605189	0.8775083	0.00077221
16w_SITTD12_AGGCCACCAAAGAACT-1-10x	0.03718841	0.08233079	6.07E-05
16w_SITTD12_AGGCTGCAGCACACCC-1-10x	0.04822445	0.12162504	0.00011598
16w_SITTD12_AGGGAGTGTTGCCGCA-1-10x	0.07216036	0.20684987	0.0014433
16w_SITTD12_AGGGCTCGTGTGGTCC-1-10x	0.07382021	0.21275982	0.0017292
16w_SITTD12_AGGGTCCAGTTTGTCTG-1-10x	0.21417013	0.7124815	0.0010701
16w_SITTD12_AGGGTCCGTCCCTCAT-1-10x	0.24601047	0.82585037	0.00083459
16w_SITTD12_AGGGTTTTCGTAGAGG-1-10x	0.23730081	0.79483926	0.00088935
16w_SITTD12_AGGTCATCACAAGCTT-1-10x	0.19514267	0.6447334	0.0012511
16w_SITTD12_AGGTCATTCAACGCTA-1-10x	0.26672876	0.8996187	0.00075831
16w_SITTD12_AGGTCATTCCACAAGT-1-10x	0.01575701	0.00602338	3.33E-05
16w_SITTD12_AGGTTACTCGGTGCGAC-1-10x	0.03318894	0.06809047	5.00E-05
16w_SITTD12_AGTACTGCAACATCGT-1-10x	0.21492465	0.715168	0.0010625
16w_SITTD12_AGTAGCTTCGTTCTGC-1-10x	0.0284388	0.05117741	4.30E-05
16w_SITTD12_AGTCATGGTCGTGATT-1-10x	0.04814135	0.12132917	0.00011598
16w_SITTD12_AGTGATCCAACACTACGT-1-10x	0.18070996	0.59334517	0.001475
16w_SITTD12_AGTGATCCATGTGCGTA-1-10x	0.19397242	0.64056677	0.0012624
16w_SITTD12_AGTGTTGAGAGCATAT-1-10x	0.2763484	0.9338699	0.00075214
16w_SITTD12_AGTGTTGTGCGCCAA-1-10x	0.07750053	0.22586375	0.0023954
16w_SITTD12_AGTGTTGTCTGTGCGG-1-10x	0.1614038	0.5246048	0.0017883
16w_SITTD12_AGTTCCAGCTGTTAC-1-10x	0.02808539	0.04991906	4.30E-05
16w_SITTD12_AGTTCCCTCCGCTTAC-1-10x	0.23155384	0.7743769	0.00093066
16w_SITTD12_AGTTCGAAGTCACTCA-1-10x	0.04788711	0.12042394	0.00011598
16w_SITTD12_AGTTGACAAATGGAT-1-10x	0.28787208	0.97490036	0.00075864
16w_SITTD12_AGTTGACAAACGTATC-1-10x	0.05983039	0.16294849	0.00038577
16w_SITTD12_ATACCGATCACCTTG-1-10x	0.21851744	0.7279603	0.0010326
16w_SITTD12_ATACTTCTCCGCATAA-1-10x	0.09151022	0.27574584	0.0043535
16w_SITTD12_ATAGACCGTATTTCCGG-1-10x	0.13181737	0.41926113	0.001934
16w_SITTD12_ATAGACCGTCCAGCCA-1-10x	0.20506655	0.68006784	0.0011518
16w_SITTD12_ATAGACCTCAGCAATC-1-10x	0.24291593	0.81483215	0.00085167
16w_SITTD12_ATAGAGATCCGCTAGG-1-10x	0.07988796	0.23436427	0.0027593
16w_SITTD12_ATAGGCTCACACGCCA-1-10x	0.01748798	0.01218658	3.44E-05
16w_SITTD12_ATCACAGCATCAACCA-1-10x	0.22342093	0.7454194	0.00099599
16w_SITTD12_ATCACAGCATGATAGA-1-10x	0.0161698	0.00749311	3.33E-05
16w_SITTD12_ATCACAGGTGCGGCTT-1-10x	0.03901725	0.08884244	6.67E-05
16w_SITTD12_ATCACGACAGTCGGTC-1-10x	0.04042684	0.09386131	7.01E-05
16w_SITTD12_ATCACTTAGATTGAGT-1-10x	0.20239058	0.6705399	0.0011792

16w_SITTD12_ATCACTTCAAAGCACG-1-10x	0.02373205	0.03441883	3.83E-05
16w_SITTD12_ATCACTTTCGTGGCGT-1-10x	0.05343448	0.14017558	0.00019264
16w_SITTD12_ATCATTCCAAGTTGGG-1-10x	0.10986719	0.3411066	0.0031181
16w_SITTD12_ATCCCTGAGGACATCG-1-10x	0.03458042	0.07304493	5.37E-05
16w_SITTD12_ATCCGTCCACAAGGTG-1-10x	0.11472074	0.35838786	0.0026715
16w_SITTD12_ATCCTATCAGCCTTCT-1-10x	0.21600787	0.7190249	0.001055
16w_SITTD12_ATCGATGAGGCGTTGA-1-10x	0.04849273	0.12258025	0.00012523
16w_SITTD12_ATCGATGCAGAGTGTG-1-10x	0.25744483	0.8665629	0.00078121
16w_SITTD12_ATCGATGTCGAGAAGC-1-10x	0.2628656	0.8858638	0.00076511
16w_SITTD12_ATCGCCTTCCGACGGT-1-10x	0.07603524	0.22064653	0.0020486
16w_SITTD12_ATCGCCTTCGTACCTC-1-10x	0.01696806	0.01033536	3.38E-05
16w_SITTD12_ATCGGATAGTTATGGA-1-10x	0.04966999	0.12677194	0.00013566
16w_SITTD12_ATCGGATTCTACTGC-1-10x	0.03221989	0.06464014	4.83E-05
16w_SITTD12_ATCGTAGCAAAGGCTG-1-10x	0.2707791	0.9140401	0.00075418
16w_SITTD12_ATCGTAGGTTCCGCTT-1-10x	0.06742536	0.1899907	0.00088537
16w_SITTD12_ATCGTAGGTTGCTCCT-1-10x	0.21429598	0.7129296	0.0010701
16w_SITTD12_ATCGTCCGTTCCCAA-1-10x	0.18560955	0.6107904	0.0013809
16w_SITTD12_ATCGTGAGTGAGATTA-1-10x	0.08341113	0.24690866	0.0034742
16w_SITTD12_ATCTCTAAGGTTGAGC-1-10x	0.05100395	0.13152157	0.00014746
16w_SITTD12_ATCTCTACAAAGTATG-1-10x	0.0697643	0.19831859	0.0010821
16w_SITTD12_ATCTCTACAATGAGCG-1-10x	0.02339023	0.03320178	3.83E-05
16w_SITTD12_ATCTCTAGTAACATGA-1-10x	0.09266081	0.27984253	0.0044107
16w_SITTD12_ATCTTCAGTATGGAGC-1-10x	0.03842641	0.08673874	6.36E-05
16w_SITTD12_ATGAAAGAGAGCAACC-1-10x	0.04924185	0.12524755	0.00012523
16w_SITTD12_ATGACCAAGGTACATA-1-10x	0.23791987	0.79704344	0.00088935
16w_SITTD12_ATGAGGGTCTATTCGT-1-10x	0.13994035	0.44818333	0.001875
16w_SITTD12_ATGAGTCCAGGTACGA-1-10x	0.08434679	0.25024012	0.0036353
16w_SITTD12_ATGAGTCTCGGTCATA-1-10x	0.09973729	0.30503866	0.0041652
16w_SITTD12_ATGCATGAGTGTACAA-1-10x	0.05583306	0.14871581	0.000233
16w_SITTD12_ATGCATGGTTAGAAAC-1-10x	0.08049634	0.23653045	0.0029431
16w_SITTD12_ATGCCTCCACGCGTGT-1-10x	0.04324431	0.10389305	8.29E-05
16w_SITTD12_ATGGAGGAGATACATG-1-10x	0.21882132	0.72904223	0.0010326
16w_SITTD12_ATGGAGGCATCGGTTA-1-10x	0.18136697	0.59568447	0.0014587
16w_SITTD12_ATGGATCTCCTCAGGG-1-10x	0.02907495	0.05344246	4.42E-05
16w_SITTD12_ATGGGAGCACGGTAGA-1-10x	0.2751253	0.92951494	0.00075218
16w_SITTD12_ATGGGAGGTCGTGGTC-1-10x	0.191925	0.6332768	0.0012985
16w_SITTD12_ATGGGAGTCTCTGCTG-1-10x	0.04541852	0.1116344	9.39E-05
16w_SITTD12_ATGGGTTGTATCGCGC-1-10x	0.18761796	0.6179414	0.0013519
16w_SITTD12_ATGGGTTTCAACGCTA-1-10x	0.06081418	0.1664513	0.00042799
16w_SITTD12_ATGGGTTTCGATCCAA-1-10x	0.05188489	0.1346582	0.00016076
16w_SITTD12_ATGGTTGGTCCATACA-1-10x	0.04375396	0.10570767	8.81E-05

16w_SITTD12_ATGTCCCATATACCG-1-10x	0.27367273	0.924343	0.0007526
16w_SITTD12_ATGTCCCGTAAGCGGT-1-10x	0.04853749	0.12273964	0.00012523
16w_SITTD12_ATGTCCCTCCCTCTTT-1-10x	0.11935369	0.37488365	0.0023317
16w_SITTD12_ATGTCCCTCTCCAAGA-1-10x	0.14212944	0.45597765	0.0018724
16w_SITTD12_ATGTCTTAGAAGTCCG-1-10x	0.03566081	0.07689168	5.58E-05
16w_SITTD12_ATTACCTGTTCTCCCA-1-10x	0.04736367	0.11856019	0.00010777
16w_SITTD12_ATTATCCAGCCGATCC-1-10x	0.0938593	0.28410983	0.0044154
16w_SITTD12_ATTCACTAGGCTAACG-1-10x	0.24962988	0.8387374	0.00081397
16w_SITTD12_ATTCACTGTTGAGCC-1-10x	0.04947877	0.12609112	0.00013566
16w_SITTD12_ATTCACTTCAGTCAGT-1-10x	0.13084747	0.41580775	0.001948
16w_SITTD12_ATTCAGGCATTCCTCG-1-10x	0.2724282	0.91991186	0.000753
16w_SITTD12_ATTCATCAGGTGAGCT-1-10x	0.01934382	0.01879437	3.55E-05
16w_SITTD12_ATTCATCGTCAGGTAG-1-10x	0.21775354	0.7252404	0.00104
16w_SITTD12_ATTCCATCATAACCA-1-10x	0.24547847	0.82395613	0.00084014
16w_SITTD12_ATTCCCGTCTGTGTGA-1-10x	0.01802952	0.01411473	3.44E-05
16w_SITTD12_ATTCGTTTCAGGTGTT-1-10x	0.17426485	0.5703971	0.0015753
16w_SITTD12_ATTCGTTTCCGATCTC-1-10x	0.09746171	0.29693633	0.0042943
16w_SITTD12_ATTCTTGAGAATCTAG-1-10x	0.03891063	0.08846279	6.36E-05
16w_SITTD12_ATTGGGTAGAGAGGTA-1-10x	0.11942995	0.37515518	0.0023317
16w_SITTD12_ATTGTTCCACGAGGAT-1-10x	0.05123612	0.13234821	0.00016076
16w_SITTD12_ATTTACCGTCCTTTCG-1-10x	0.13532427	0.4317476	0.0018953
16w_SITTD12_ATTTCTGGTTGATCGT-1-10x	0.09642936	0.29326063	0.0043435
16w_SITTD12_CAAAGAACAAAGCACG-1-10x	0.16535182	0.5386619	0.0017353
16w_SITTD12_CAACAACCTCTGCA-1-10x	0.10459022	0.32231772	0.0037215
16w_SITTD12_CAACAACCTGCAGATT-1-10x	0.07568819	0.21941085	0.0020486
16w_SITTD12_CAACAACCTGTGCGTC-1-10x	0.02405245	0.03555961	3.91E-05
16w_SITTD12_CAACCAAAGGCCAAA-1-10x	0.17581686	0.5759231	0.0015585
16w_SITTD12_CAACCAATCCAACACA-1-10x	0.20567934	0.6822497	0.001143
16w_SITTD12_CAACCAATCCTATTGT-1-10x	0.20443952	0.6778353	0.0011518
16w_SITTD12_CAACCTCTCTCTCAA-1-10x	0.1701953	0.5559073	0.0016584
16w_SITTD12_CAACGATCACCTTCGT-1-10x	0.05418494	0.14284763	0.00021164
16w_SITTD12_CAACGGCTCCACTAGA-1-10x	0.08402497	0.24909429	0.0034742
16w_SITTD12_CAAGACTAGTGCGACA-1-10x	0.03915631	0.08933756	6.67E-05
16w_SITTD12_CAAGACTCACGACGAA-1-10x	0.0977275	0.2978827	0.0042943
16w_SITTD12_CAAGCTAAGTGCAGGT-1-10x	0.11185978	0.34820127	0.002929
16w_SITTD12_CAAGCTAGTCGTGATT-1-10x	0.20597284	0.6832947	0.001143
16w_SITTD12_CAAGGGACAAACCGGA-1-10x	0.02974136	0.05581522	4.55E-05
16w_SITTD12_CAATACGTCGGTAGGA-1-10x	0.06522865	0.18216921	0.00064991
16w_SITTD12_CAATCGACAGTCGTTA-1-10x	0.08346497	0.24710037	0.0034742
16w_SITTD12_CAATGACAGTAAATGC-1-10x	0.03790081	0.08486728	6.07E-05
16w_SITTD12_CAATTTCTCAGCACCG-1-10x	0.18070008	0.59331	0.001475

16w_SITTD12_CACACAAAGAATTGTG-1-10x	0.09389331	0.28423092	0.0044154
16w_SITTD12_CACACAAAGTCTAGCT-1-10x	0.18160295	0.5965247	0.0014587
16w_SITTD12_CACACAATCCCTGGTT-1-10x	0.01519867	0.00403537	3.27E-05
16w_SITTD12_CACAGATAGTTGCTCA-1-10x	0.14944667	0.48203096	0.0018705
16w_SITTD12_CACAGGCGTGGATTC-1-10x	0.09778145	0.2980748	0.0042943
16w_SITTD12_CACATGACAGTCACGC-1-10x	0.06523281	0.18218404	0.00064991
16w_SITTD12_CACGAATCAGCCCAGT-1-10x	0.07605267	0.2207086	0.0020486
16w_SITTD12_CACGTGGCAGCCTATA-1-10x	0.23063913	0.7711201	0.00093779
16w_SITTD12_CACGTGGTCTAACGCA-1-10x	0.28781056	0.9746813	0.00075864
16w_SITTD12_CACGTTCAGAGCTTTC-1-10x	0.27973402	0.94592446	0.00075303
16w_SITTD12_CACGTTCGTGGATCGA-1-10x	0.17825407	0.58460087	0.0015081
16w_SITTD12_CACTAAGGTAAGCTCT-1-10x	0.25687772	0.8645437	0.00078463
16w_SITTD12_CACTGGGCACAGCTGC-1-10x	0.08649017	0.25787172	0.0039187
16w_SITTD12_CACTGGGTCAAGCTTG-1-10x	0.08726036	0.260614	0.0040384
16w_SITTD12_CACTGTCAGCTATCCA-1-10x	0.08027638	0.23574726	0.0027593
16w_SITTD12_CACTGTCTCGAACGCC-1-10x	0.08425158	0.24990112	0.0036353
16w_SITTD12_CACTTCGAGCAACTCT-1-10x	0.07629375	0.22156698	0.0020486
16w_SITTD12_CAGAGCCCAGAACTTC-1-10x	0.27681753	0.9355402	0.00075222
16w_SITTD12_CAGAGCCGTATCGAGG-1-10x	0.02985394	0.05621608	4.55E-05
16w_SITTD12_CAGATACGTCCGGATC-1-10x	0.12768804	0.40455845	0.0020026
16w_SITTD12_CAGATACTCTGCTGAA-1-10x	0.04051343	0.09416962	7.01E-05
16w_SITTD12_CAGATTGAGCGCCTTG-1-10x	0.27426055	0.92643595	0.00075233
16w_SITTD12_CAGATTGCACCAGACC-1-10x	0.05081328	0.13084267	0.00014746
16w_SITTD12_CAGCAATCAAACCTCTG-1-10x	0.01565004	0.00564251	3.33E-05
16w_SITTD12_CAGCAATGTCTCGCGA-1-10x	0.24464394	0.8209848	0.00084583
16w_SITTD12_CAGCCAGGTACAGAAT-1-10x	0.24921015	0.83724296	0.00081888
16w_SITTD12_CAGCCAGGTACATACC-1-10x	0.0476558	0.11960036	0.00011598
16w_SITTD12_CAGCCAGGTGATGGCA-1-10x	0.04625987	0.11463009	0.00010046
16w_SITTD12_CAGCGTGCATGCAGGA-1-10x	0.01612868	0.00734672	3.33E-05
16w_SITTD12_CAGGCCAAGTGCTAGG-1-10x	0.06167262	0.16950783	0.00047505
16w_SITTD12_CAGGGCTAGAAGCCAC-1-10x	0.2550022	0.8578658	0.00078825
16w_SITTD12_CAGGGCTAGGCACTAG-1-10x	0.07797965	0.22756968	0.0023954
16w_SITTD12_CATACAGTCCGTGTCT-1-10x	0.1337678	0.4262057	0.0019115
16w_SITTD12_CATACTTGTAATTAGG-1-10x	0.08502085	0.25264013	0.0037839
16w_SITTD12_CATAGACAGGTGATAT-1-10x	0.27229092	0.919423	0.000753
16w_SITTD12_CATCAAGTCATAGGCT-1-10x	0.17857924	0.5857587	0.0015081
16w_SITTD12_CATCGGGTCCGAATGG-1-10x	0.04937648	0.12572691	0.00013566
16w_SITTD12_CATCGGGTCCGCAAAT-1-10x	0.03289118	0.0670303	5.00E-05
16w_SITTD12_CATCGTCTCGTAACAC-1-10x	0.15483315	0.50120974	0.0018522
16w_SITTD12_CATGCAATCGTAGTCA-1-10x	0.07394018	0.21318698	0.0017292
16w_SITTD12_CATGCCTTCTTTGATC-1-10x	0.08674053	0.25876316	0.0039187

16w_SITTD12_CATGCGGCAACTCGAT-1-10x	0.064427	0.17931493	0.00064991
16w_SITTD12_CATGCTCAGTGGAAG-1-10x	0.01903987	0.01771212	3.49E-05
16w_SITTD12_CATGCTCCACTGGCCA-1-10x	0.04494921	0.10996343	9.39E-05
16w_SITTD12_CATGGATAGGATTCCT-1-10x	0.09177529	0.27668962	0.0043903
16w_SITTD12_CATTCATAGAGCCATG-1-10x	0.21754399	0.7244943	0.00104
16w_SITTD12_CATTCATAGGACGCAT-1-10x	0.2753703	0.93038726	0.00075218
16w_SITTD12_CATTCTACAAGACCGA-1-10x	0.02554988	0.04089128	4.00E-05
16w_SITTD12_CATTGAGAGCTCTTCC-1-10x	0.04977111	0.12713198	0.00013566
16w_SITTD12_CATTGCCGTATCGTAC-1-10x	0.04936976	0.12570299	0.00013566
16w_SITTD12_CATTGCCGTGGCACTC-1-10x	0.17637204	0.5778998	0.0015416
16w_SITTD12_CATTGTTGTTAATGAG-1-10x	0.01677628	0.00965253	3.38E-05
16w_SITTD12_CATTTTCATCTCCATAT-1-10x	0.03763873	0.08393416	6.07E-05
16w_SITTD12_CCAAGCGGTATGGTAA-1-10x	0.0719408	0.20606811	0.0014433
16w_SITTD12_CCAAGCGTCGTCAACA-1-10x	0.04754337	0.11920003	0.00011598
16w_SITTD12_CCAATGAGTTACTCAG-1-10x	0.23677348	0.79296166	0.00089602
16w_SITTD12_CCAATTTCAATGTTGC-1-10x	0.02186262	0.02776264	3.69E-05
16w_SITTD12_CCACAAAAGTGTTCATC-1-10x	0.08268441	0.24432117	0.0033032
16w_SITTD12_CCACAAATCGGCTGTG-1-10x	0.07438009	0.2147533	0.0017292
16w_SITTD12_CCACCATAGTATCCTG-1-10x	0.08784463	0.26269433	0.0041422
16w_SITTD12_CCACCATGTACCGCGT-1-10x	0.05811045	0.15682456	0.00031414
16w_SITTD12_CCACCATGTCTGATAC-1-10x	0.08230527	0.24297121	0.0033032
16w_SITTD12_CCACGTTTCATGGAGAC-1-10x	0.191421	0.6314823	0.0012985
16w_SITTD12_CCATCACAGGCAGGGA-1-10x	0.18894099	0.6226521	0.001338
16w_SITTD12_CCATCACAGTGCCTG-1-10x	0.25648627	0.8631499	0.00078463
16w_SITTD12_CCATCACGTACCTGTA-1-10x	0.08109023	0.238645	0.0029431
16w_SITTD12_CCCATTGCACTTGTCC-1-10x	0.1115223	0.34699968	0.002929
16w_SITTD12_CCCATTGCAGTCAGAG-1-10x	0.16069077	0.522066	0.0018
16w_SITTD12_CCCGAAGCAGGCCTGT-1-10x	0.16422409	0.5346466	0.0017494
16w_SITTD12_CCCGAAGTCGCGTGAC-1-10x	0.04075082	0.09501486	7.01E-05
16w_SITTD12_CCCGAAAGCATGTTC-1-10x	0.17740749	0.5815866	0.0015248
16w_SITTD12_CCCTAACTCCCGATCT-1-10x	0.07503509	0.21708545	0.001885
16w_SITTD12_CCCTCAAAGGAGTCTG-1-10x	0.21836832	0.72742933	0.0010326
16w_SITTD12_CCCTCTCCACAAGTTC-1-10x	0.05840321	0.15786695	0.00031414
16w_SITTD12_CCCTCTCGTCATCACA-1-10x	0.26019433	0.8763526	0.00077221
16w_SITTD12_CCCTCTCTCCCATACC-1-10x	0.08275309	0.24456568	0.0033032
16w_SITTD12_CCGAACGAGTATAGAC-1-10x	0.25200737	0.84720254	0.00080467
16w_SITTD12_CCGAACGCATGTTCTGA-1-10x	0.05125353	0.13241023	0.00016076
16w_SITTD12_CCGATCTCATCTTCGC-1-10x	0.08771461	0.2622314	0.0040384
16w_SITTD12_CCGCAAGAGAGCCCAA-1-10x	0.17931056	0.5883626	0.0014915
16w_SITTD12_CCGCAAGCACGAGAAC-1-10x	0.03742763	0.08318252	6.07E-05
16w_SITTD12_CCGCAAGTCTTCTGGC-1-10x	0.23221096	0.77671665	0.00093066

16w_SITTD12_CCGGACACACCCTATC-1-10x	0.29387295	0.9962667	0.000766
16w_SITTD12_CCGGGTAAGTCGAATA-1-10x	0.04625243	0.1146036	0.00010046
16w_SITTD12_CCGGGTACATTCCTAT-1-10x	0.19441968	0.6421592	0.0012624
16w_SITTD12_CCGGGTATCCGGTAAT-1-10x	0.17302965	0.5659991	0.0016089
16w_SITTD12_CCGTAGGAGTTGTAGA-1-10x	0.04943262	0.12592681	0.00013566
16w_SITTD12_CCGTAGGCACCCTAGG-1-10x	0.14366877	0.4614585	0.0018716
16w_SITTD12_CCGTAGGGTCTGTCT-1-10x	0.25829268	0.8695817	0.000778
16w_SITTD12_CCGTGAGGTGTTTACG-1-10x	0.01888277	0.01715278	3.49E-05
16w_SITTD12_CCGTTCACAAGAAATC-1-10x	0.14215878	0.45608214	0.0018724
16w_SITTD12_CCTAACCAGTAGGAAG-1-10x	0.12375605	0.39055845	0.0021124
16w_SITTD12_CCTAACCTCTCGGCTT-1-10x	0.03430904	0.07207867	5.37E-05
16w_SITTD12_CCTACGTGTACGTTCA-1-10x	0.11269865	0.35118812	0.0028393
16w_SITTD12_CCTCAACAGAGTGGCT-1-10x	0.04716739	0.11786135	0.00010777
16w_SITTD12_CCTCACAAGCCAACCC-1-10x	0.01590233	0.0065408	3.33E-05
16w_SITTD12_CCTCAGTGTAATCAAG-1-10x	0.20179982	0.6684365	0.0011792
16w_SITTD12_CCTCATGAGCCTAGGA-1-10x	0.29267463	0.99200004	0.00076488
16w_SITTD12_CCTCATGCACCAGGTC-1-10x	0.02293368	0.03157619	3.76E-05
16w_SITTD12_CCTCATGTCTTACGGA-1-10x	0.03385774	0.07047179	5.17E-05
16w_SITTD12_CCTCCTCAGCTAAGTA-1-10x	0.26559532	0.89558303	0.00075974
16w_SITTD12_CCTCCTCGTCGGCTAC-1-10x	0.1078387	0.33388406	0.0033168
16w_SITTD12_CCTCTCCAGAAGCCTG-1-10x	0.19937806	0.6598137	0.0012085
16w_SITTD12_CCTCTCCGTGAACGGT-1-10x	0.05833109	0.15761016	0.00031414
16w_SITTD12_CCTCTCCTATAAGGA-1-10x	0.24574162	0.8248931	0.00083459
16w_SITTD12_CCTCTCCTCATCTGTT-1-10x	0.03269169	0.06632001	5.00E-05
16w_SITTD12_CCTCTCCTCGCCTATC-1-10x	0.09739424	0.29669613	0.0042943
16w_SITTD12_CCTGCATTCTTCCACG-1-10x	0.12280634	0.38717696	0.0021479
16w_SITTD12_CCTGTTGTCTGGGCGT-1-10x	0.02965546	0.05550937	4.55E-05
16w_SITTD12_CCTTCAGAGCTCGTGC-1-10x	0.04446413	0.10823626	8.81E-05
16w_SITTD12_CCTTGTTGTCCATTGGA-1-10x	0.04505798	0.11035068	9.39E-05
16w_SITTD12_CCTTTGGGTCCGTTTC-1-10x	0.12060241	0.37932977	0.0022788
16w_SITTD12_CCTTTGGTCAACAATGC-1-10x	0.28976643	0.9816453	0.00076163
16w_SITTD12_CGAAGTTCAAGAGTGC-1-10x	0.24720468	0.8301024	0.0008292
16w_SITTD12_CGACAGCAGGCTTCCG-1-10x	0.27227697	0.91937333	0.000753
16w_SITTD12_CGACAGCCAAACCGGA-1-10x	0.08054141	0.23669092	0.0029431
16w_SITTD12_CGAGTGCAAGTACCATC-1-10x	0.02355992	0.03380596	3.83E-05
16w_SITTD12_CGAGTGCCACCTGCTT-1-10x	0.0377176	0.08421496	6.07E-05
16w_SITTD12_CGAGTTATCACCTCGT-1-10x	0.07675946	0.22322513	0.0022191
16w_SITTD12_CGATCGGTCTACGGTA-1-10x	0.0604401	0.1651194	0.00038577
16w_SITTD12_CGATGCGAGCCGTAAG-1-10x	0.12927258	0.41020027	0.0019639
16w_SITTD12_CGATGCGTCTTTCGAC-1-10x	0.08933087	0.26798615	0.0042295
16w_SITTD12_CGATGGCAGCTTCTAG-1-10x	0.17856942	0.5857237	0.0015081

16w_SITTD12_CGATGGCGTGTTGAGG-1-10x	0.25276697	0.84990716	0.00080028
16w_SITTD12_CGCAGGTCACACACGC-1-10x	0.03930448	0.08986511	6.67E-05
16w_SITTD12_CGCATAAAGGAACGTC-1-10x	0.01904107	0.01771641	3.49E-05
16w_SITTD12_CGCATAATCAACGCTA-1-10x	0.200465	0.66368383	0.0011985
16w_SITTD12_CGCCAGAAGAGCAGCT-1-10x	0.02009058	0.02145322	3.55E-05
16w_SITTD12_CGCGTGACAGTAGATA-1-10x	0.04833197	0.12200787	0.00011598
16w_SITTD12_CGGAACCCAATAGAGT-1-10x	0.08831664	0.26437497	0.0041422
16w_SITTD12_CGGAATTGTCAAAGCG-1-10x	0.06968361	0.19803129	0.0010821
16w_SITTD12_CGGACACCAGAACATA-1-10x	0.04891357	0.12407868	0.00012523
16w_SITTD12_CGGAGAACAGAGGGTT-1-10x	0.05236732	0.13637589	0.00017575
16w_SITTD12_CGGAGAAGTAGAGACC-1-10x	0.07879444	0.23047078	0.002576
16w_SITTD12_CGGCAGTCACAGCTGC-1-10x	0.03299046	0.0673838	5.00E-05
16w_SITTD12_CGGCAGTTCTCCGTG-1-10x	0.1393781	0.44618142	0.0018772
16w_SITTD12_CGGGTCAAGTGTCATC-1-10x	0.22526298	0.7519781	0.00098137
16w_SITTD12_CGGGTTCATCGAAATCC-1-10x	0.04724008	0.11812013	0.00010777
16w_SITTD12_CGGGTGTTCTACGCAA-1-10x	0.042003	0.09947332	7.82E-05
16w_SITTD12_CGGTCAGGTCGAATTC-1-10x	0.2663409	0.89823776	0.00075831
16w_SITTD12_CGTAAGTGTCGTTATG-1-10x	0.274164	0.92609215	0.00075233
16w_SITTD12_CGTAGTAAGCGTCAGA-1-10x	0.03117049	0.0609037	4.68E-05
16w_SITTD12_CGTCAAACAGATGCGA-1-10x	0.10464437	0.3225105	0.0037215
16w_SITTD12_CGTCAAAGTGTCTCCT-1-10x	0.2510794	0.84389853	0.00080923
16w_SITTD12_CGTCAAATCAAAGCCT-1-10x	0.19311827	0.6375255	0.0012741
16w_SITTD12_CGTCCATGTGAATGAT-1-10x	0.02558483	0.04101573	4.00E-05
16w_SITTD12_CGTGATATCGTTCCCA-1-10x	0.0979768	0.29877037	0.0042943
16w_SITTD12_CGTTAGATCTAGAACC-1-10x	0.0172699	0.01141009	3.38E-05
16w_SITTD12_CGTTCTGAGACAACAT-1-10x	0.06647158	0.18659474	0.00079936
16w_SITTD12_CGTTCTGCATGCAGGA-1-10x	0.16821894	0.5488704	0.0016902
16w_SITTD12_CGTTCTGGTGCATCTA-1-10x	0.14511804	0.46661872	0.0018716
16w_SITTD12_CGTTGGGAGGCAGTCA-1-10x	0.04874102	0.1234643	0.00012523
16w_SITTD12_CGTTGGCAACAAGAT-1-10x	0.04875261	0.12350558	0.00012523
16w_SITTD12_CTAACCCGTCAGCAC-1-10x	0.08807942	0.26353034	0.0041422
16w_SITTD12_CTAACCCTCCCGTAAA-1-10x	0.05164059	0.13378838	0.00016076
16w_SITTD12_CTAACCTCAGTACTAC-1-10x	0.25861305	0.87072235	0.000778
16w_SITTD12_CTAACCTGTTCCGGTG-1-10x	0.16264246	0.5290151	0.001776
16w_SITTD12_CTAAGTGAGCATTGTC-1-10x	0.18948632	0.6245938	0.0013244
16w_SITTD12_CTAAGTGAGTTGCCTA-1-10x	0.0991654	0.3030024	0.0041652
16w_SITTD12_CTAAGTGCAAGGTTGG-1-10x	0.27143186	0.9163643	0.00075352
16w_SITTD12_CTAAGTGCAGTCGCTG-1-10x	0.10448784	0.32195318	0.0037215
16w_SITTD12_CTACAGATCACTACTT-1-10x	0.10612587	0.32778546	0.00352
16w_SITTD12_CTACAGATCTGTGCTC-1-10x	0.08796347	0.26311746	0.0041422
16w_SITTD12_CTACATTCATCCTAAG-1-10x	0.0612714	0.16807926	0.00042799

16w_SITTD12_CTACCCACAATAACCC-1-10x	0.08132245	0.23947187	0.0031253
16w_SITTD12_CTAATATCACATTCTGA-1-10x	0.10901345	0.33806682	0.0032165
16w_SITTD12_CTAATATCACCAACAT-1-10x	0.12640685	0.39999673	0.0020256
16w_SITTD12_CTAGGTATCGAAGGAC-1-10x	0.12038562	0.37855792	0.0022788
16w_SITTD12_CTATAGGAGGGAGGTG-1-10x	0.01681345	0.00978486	3.38E-05
16w_SITTD12_CTATCTATCCTTCGAC-1-10x	0.01724254	0.01131266	3.38E-05
16w_SITTD12_CTCAACCCAAGTAAA-1-10x	0.09126462	0.27487135	0.0043535
16w_SITTD12_CTCAATTAGAAGGCTC-1-10x	0.09993989	0.30576003	0.0041652
16w_SITTD12_CTCAATTGTTGCTCCT-1-10x	0.03533388	0.07572762	5.58E-05
16w_SITTD12_CCACTGCAGCTGGTC-1-10x	0.07392321	0.21312656	0.0017292
16w_SITTD12_CCACTGCAGGTCCGT-1-10x	0.2687045	0.9066534	0.00075594
16w_SITTD12_CCACTGTCTGAGTCA-1-10x	0.04694606	0.11707328	0.00010777
16w_SITTD12_CCAAGGTGCTCTTTG-1-10x	0.19901736	0.65852946	0.0012085
16w_SITTD12_CCAAGTCTCTGCGATA-1-10x	0.2873393	0.9730034	0.00075864
16w_SITTD12_CCAATTAGTGTAGTGG-1-10x	0.0437581	0.10572243	8.81E-05
16w_SITTD12_CCAATTAGTTGCTGAT-1-10x	0.10220524	0.31382588	0.0039137
16w_SITTD12_CCAACAGCTTAAGA-1-10x	0.25872052	0.871105	0.000778
16w_SITTD12_CCAATGCAACCGTGC-1-10x	0.02104048	0.02483537	3.62E-05
16w_SITTD12_CCAATGCAAGATGGC-1-10x	0.05083077	0.13090497	0.00014746
16w_SITTD12_CCAACAAAGACGTCCC-1-10x	0.05073772	0.13057366	0.00014746
16w_SITTD12_CCAACACGACTAT-1-10x	0.04214818	0.09999025	7.82E-05
16w_SITTD12_CCAACATCACAGT-1-10x	0.05519466	0.14644279	0.000233
16w_SITTD12_CCACTCGTAGTATAG-1-10x	0.15305856	0.49489126	0.0018617
16w_SITTD12_CCACTCGGTGAAG-1-10x	0.03731124	0.0827681	6.07E-05
16w_SITTD12_CCAAGGTCCTGGCTT-1-10x	0.09016164	0.27094418	0.0042999
16w_SITTD12_CCACTCAGGTATCACCA-1-10x	0.05532555	0.14690882	0.000233
16w_SITTD12_CCACTCGAAGGGCTAAC-1-10x	0.13523947	0.43144563	0.0018953
16w_SITTD12_CCACTCGATCAACCTTT-1-10x	0.05727741	0.1538585	0.00028394
16w_SITTD12_CCACTCGATCATTACGG-1-10x	0.07791808	0.22735043	0.0023954
16w_SITTD12_CCACTGGTGTCTCGAA-1-10x	0.02475585	0.03806412	3.91E-05
16w_SITTD12_CCAATGAGGCATGGT-1-10x	0.08569501	0.25504056	0.0037839
16w_SITTD12_CCAATGAGGTATTGA-1-10x	0.08195007	0.2417065	0.0031253
16w_SITTD12_CCAATGAGTGCGTCC-1-10x	0.16554764	0.5393591	0.0017353
16w_SITTD12_CCAAGGCGTGGCGTAA-1-10x	0.0421931	0.10015016	7.82E-05
16w_SITTD12_CCAAGGCTCCCTGGTT-1-10x	0.17865491	0.5860281	0.0015081
16w_SITTD12_CCAATCCAGGCACTAG-1-10x	0.29026565	0.98342276	0.00076163
16w_SITTD12_CCAATCCAGTCTCTC-1-10x	0.25784427	0.8679851	0.000778
16w_SITTD12_CCAATCCGTCAAATCC-1-10x	0.05506532	0.14598227	0.000233
16w_SITTD12_CCAATCCTCTATTCTG-1-10x	0.08490604	0.25223136	0.0036353
16w_SITTD12_CCAATCATAGTAGTGG-1-10x	0.21963856	0.7319521	0.0010253
16w_SITTD12_CCAATCATCAGAAGCTG-1-10x	0.04583041	0.11310095	0.00010046

16w_SITTD12_CTGCTCAGTGCCCTTT-1-10x	0.0281215	0.05004766	4.30E-05
16w_SITTD12_CTGCTCATCTATTGTC-1-10x	0.05900535	0.1600109	0.00034795
16w_SITTD12_CTGGACGCAGCGGTTTC-1-10x	0.16187924	0.5262976	0.0017883
16w_SITTD12_CTGGCAGGTATTAAGG-1-10x	0.07709196	0.224409	0.0022191
16w_SITTD12_CTGTAGAGTAGACAAT-1-10x	0.04594247	0.11349996	0.00010046
16w_SITTD12_CTGTCGTC AACGATTC-1-10x	0.19939142	0.6598613	0.0012085
16w_SITTD12_CTGTCGTCAGGTGAGT-1-10x	0.20038183	0.6633877	0.0011985
16w_SITTD12_CTGTGAATCGCTCCTA-1-10x	0.05052803	0.12982704	0.00014746
16w_SITTD12_CTTACCGAGTGAGCCA-1-10x	0.21536654	0.7167414	0.0010625
16w_SITTD12_CTTACCGGTACGTTCA-1-10x	0.10473083	0.32281837	0.0036214
16w_SITTD12_CTTCAATCAAAGACGC-1-10x	0.04917834	0.12502143	0.00012523
16w_SITTD12_CTTCAATCCATCGTC-1-10x	0.0392763	0.0897648	6.67E-05
16w_SITTD12_CTTCAATCCTTCGAT-1-10x	0.02408765	0.03568496	3.91E-05
16w_SITTD12_CTTCCGAAGGCCTTCG-1-10x	0.18840174	0.6207321	0.001338
16w_SITTD12_CTTCCGAAGTACTGTC-1-10x	0.1019613	0.31295732	0.0039137
16w_SITTD12_CTTCTTCAGAGACTG-1-10x	0.03866889	0.08760208	6.36E-05
16w_SITTD12_CTTCCGGTAGGTGCTGA-1-10x	0.0566284	0.15154766	0.000257
16w_SITTD12_CTTCCGGTCACTGTTCC-1-10x	0.2545343	0.85619986	0.00079207
16w_SITTD12_CTTCTAACACTCAAGT-1-10x	0.05298584	0.13857818	0.00017575
16w_SITTD12_CTTCTAAGTCGTCAGC-1-10x	0.0252036	0.03965834	4.00E-05
16w_SITTD12_CTTCTCTAGTATGATG-1-10x	0.04753914	0.11918498	0.00011598
16w_SITTD12_CTTGAGACAGCATCTA-1-10x	0.24471746	0.82124656	0.00084014
16w_SITTD12_CTTGAGATCCACTAGA-1-10x	0.05678234	0.15209578	0.000257
16w_SITTD12_CTTTCAAGTTTCGGCG-1-10x	0.09859949	0.30098748	0.0042345
16w_SITTD12_CTTTCGGAGAGGTCGT-1-10x	0.05356727	0.1406484	0.00019264
16w_SITTD12_GAAACCTAGGCTCACC-1-10x	0.05946927	0.1616627	0.00034795
16w_SITTD12_GAAATGACAACCCTAA-1-10x	0.27999267	0.9468454	0.00075303
16w_SITTD12_GAACACTCACATATGC-1-10x	0.2673285	0.9017541	0.00075705
16w_SITTD12_GAACACTGTACTGCCG-1-10x	0.10809209	0.33478624	0.0033168
16w_SITTD12_GAACACTTCGACGCGT-1-10x	0.20577711	0.6825978	0.001143
16w_SITTD12_GAACGTTAGATGAACT-1-10x	0.04752496	0.11913446	0.00011598
16w_SITTD12_GAACGTTCAAATAGCA-1-10x	0.01811102	0.01440493	3.44E-05
16w_SITTD12_GAACGTTTCATGCGGTC-1-10x	0.25830394	0.86962175	0.000778
16w_SITTD12_GAACTGTTCAAGGAGC-1-10x	0.21138643	0.70257	0.0010934
16w_SITTD12_GAAGAATCAGGTTTAC-1-10x	0.20238425	0.6705174	0.0011792
16w_SITTD12_GAAGAATTCGCTTTAT-1-10x	0.22602542	0.75469273	0.00097406
16w_SITTD12_GAAGAATTCGAGTA-1-10x	0.04491688	0.10984832	9.39E-05
16w_SITTD12_GAAGCGATCCACAGGC-1-10x	0.03168722	0.06274355	4.83E-05
16w_SITTD12_GAAGGACTCATGAGAA-1-10x	0.2773863	0.9375653	0.00075222
16w_SITTD12_GAATAGAAGCCGCACT-1-10x	0.1296988	0.41171786	0.0019639
16w_SITTD12_GAATCACAGGCCTTGC-1-10x	0.110815	0.34448132	0.0030221

16w_SITTD12_GAATCACAGTCGGCCT-1-10x	0.10937458	0.3393526	0.0032165
16w_SITTD12_GAATCACCACGGTAGA-1-10x	0.18483399	0.60802895	0.0013959
16w_SITTD12_GAATCACCATACCATG-1-10x	0.06365129	0.17655295	0.00058553
16w_SITTD12_GAATCGTCATCCTTCG-1-10x	0.02095215	0.0245209	3.62E-05
16w_SITTD12_GAATCGTTCGGTCAAA-1-10x	0.12776513	0.40483296	0.0020026
16w_SITTD12_GAATCGTTCGCTACAA-1-10x	0.27519146	0.9297505	0.00075218
16w_SITTD12_GACACGCGTGCCAAGA-1-10x	0.09665717	0.29407176	0.0043435
16w_SITTD12_GACAGCCCACCTGCTT-1-10x	0.08562382	0.25478703	0.0037839
16w_SITTD12_GACATCATCGGAATTC-1-10x	0.02612826	0.04295065	4.09E-05
16w_SITTD12_GACCAATCAAGCTGTT-1-10x	0.03270004	0.06634974	5.00E-05
16w_SITTD12_GACCCAGCAAATTAGG-1-10x	0.12312821	0.38832298	0.0021479
16w_SITTD12_GACCCAGGTGGATACG-1-10x	0.08414935	0.24953716	0.0036353
16w_SITTD12_GACCCAGTCGGCACTG-1-10x	0.07375184	0.21251641	0.0017292
16w_SITTD12_GACCGTGGTATGGTTC-1-10x	0.09306571	0.2812842	0.0044107
16w_SITTD12_GACCGTGTCTGGACTA-1-10x	0.0637406	0.17687094	0.00058553
16w_SITTD12_GACCTTCAGACCCGCT-1-10x	0.25595722	0.8612662	0.00078463
16w_SITTD12_GACCTTCCAAGATTGA-1-10x	0.02647476	0.04418438	4.09E-05
16w_SITTD12_GACGCTGGTATGCGTT-1-10x	0.0844624	0.25065175	0.0036353
16w_SITTD12_GACTATGCATCGGAAG-1-10x	0.05008751	0.12825854	0.00013566
16w_SITTD12_GACTATGGTGCGCTCA-1-10x	0.02740812	0.04750764	4.19E-05
16w_SITTD12_GACTCTCTCCAGCAAT-1-10x	0.27793878	0.93953246	0.00075239
16w_SITTD12_GACTTCCCACGTCTCT-1-10x	0.03387872	0.07054647	5.17E-05
16w_SITTD12_GAGAAATCAACTCCAA-1-10x	0.28499407	0.9646531	0.00075605
16w_SITTD12_GAGAAATGTCCTTTGC-1-10x	0.14142478	0.45346868	0.0018724
16w_SITTD12_GAGACCCGTCAAGTTC-1-10x	0.24536908	0.8235667	0.00084014
16w_SITTD12_GAGAGGTGTCAGTCTA-1-10x	0.05274843	0.13773288	0.00017575
16w_SITTD12_GAGATGGAGACTCTTG-1-10x	0.22316438	0.74450594	0.00099599
16w_SITTD12_GAGATGGGTAGTGATA-1-10x	0.24355526	0.8171085	0.00085167
16w_SITTD12_GAGCCTGTCCCTCGAT-1-10x	0.08450797	0.250814	0.0036353
16w_SITTD12_GAGCTGCCAATGTTGC-1-10x	0.03466327	0.0733399	5.37E-05
16w_SITTD12_GAGGCAAGTAGGACTG-1-10x	0.21028616	0.69865245	0.0011014
16w_SITTD12_GAGGCCTAGTCAACAA-1-10x	0.0154081	0.00478106	3.27E-05
16w_SITTD12_GAGGGTAAGTCGCGAA-1-10x	0.03830447	0.08630456	6.36E-05
16w_SITTD12_GAGGGTACAACACAAA-1-10x	0.07103768	0.2028525	0.0013138
16w_SITTD12_GAGTCTAGTACTAAA-1-10x	0.26000005	0.87566084	0.00077221
16w_SITTD12_GAGTCTATCTAAACGC-1-10x	0.02798577	0.0495644	4.30E-05
16w_SITTD12_GAGTGAGTCCCAAGTA-1-10x	0.22440375	0.7489188	0.00098869
16w_SITTD12_GAGTGTTGTAGGCTGA-1-10x	0.26624757	0.8979054	0.00075974
16w_SITTD12_GAGTTGTGTGGTCTTA-1-10x	0.19128732	0.6310063	0.0012985
16w_SITTD12_GAGTTTGAGGCATCAG-1-10x	0.01720772	0.01118867	3.38E-05
16w_SITTD12_GAGTTTGGTTTGGCTA-1-10x	0.0465286	0.11558691	0.00010777

16w_SITTD12_GATCAGTAGGACTGGT-1-10x	0.12235043	0.38555366	0.0021873
16w_SITTD12_GATCAGTGTCTAGATC-1-10x	0.12233067	0.3854833	0.0021873
16w_SITTD12_GATCATGAGAAGTATC-1-10x	0.06868862	0.1944886	0.00097948
16w_SITTD12_GATCCCTTCGTAACAC-1-10x	0.09117889	0.2745661	0.0043535
16w_SITTD12_GATCGTACATGGAACG-1-10x	0.1217721	0.38349453	0.0021873
16w_SITTD12_GATCGTATCACTTGGA-1-10x	0.04625786	0.11462292	0.00010046
16w_SITTD12_GATCGTATCGAACCAT-1-10x	0.03926045	0.08970835	6.67E-05
16w_SITTD12_GATGACTCACATTCGA-1-10x	0.13238938	0.4212978	0.0019219
16w_SITTD12_GATGACTGTGTCGATT-1-10x	0.14138825	0.45333862	0.0018724
16w_SITTD12_GATGATCGTCCACAGC-1-10x	0.06176724	0.16984473	0.00047505
16w_SITTD12_GATGCTAGTCTAGGTT-1-10x	0.13807558	0.4415437	0.0018802
16w_SITTD12_GATGCTATCGCTGACG-1-10x	0.06596209	0.18478066	0.00072102
16w_SITTD12_GATGGAGCACATTACG-1-10x	0.0380053	0.08523935	6.07E-05
16w_SITTD12_GATGGAGTCGCTGCGA-1-10x	0.27098954	0.9147894	0.00075352
16w_SITTD12_GATGGAGTCTAGGCCG-1-10x	0.29088405	0.9856246	0.00076269
16w_SITTD12_GATTCTTAGAAAGTCT-1-10x	0.23746438	0.79542166	0.00088935
16w_SITTD12_GATTCTGTGGCTCTG-1-10x	0.09318092	0.2816944	0.0044107
16w_SITTD12_GATTGGTCAAGGTACG-1-10x	0.08455648	0.25098675	0.0036353
16w_SITTD12_GATTGGTGTGTCCCTT-1-10x	0.23898703	0.8008431	0.00088278
16w_SITTD12_GATTTCTTACCACAA-1-10x	0.02892165	0.05289663	4.42E-05
16w_SITTD12_GCAACATAGACTCTTG-1-10x	0.0701098	0.19954875	0.0011935
16w_SITTD12_GCAACCGCACGCGTCA-1-10x	0.07435775	0.21467374	0.0017292
16w_SITTD12_GCACATAGTAATGATG-1-10x	0.05300143	0.13863368	0.00017575
16w_SITTD12_GCACGGTAGACGACGT-1-10x	0.04995925	0.1278019	0.00013566
16w_SITTD12_GCACGGTGTACCAATC-1-10x	0.01681096	0.00977602	3.38E-05
16w_SITTD12_GCACGTGCAAGTTCGT-1-10x	0.2196996	0.73216945	0.0010253
16w_SITTD12_GCAGCTGCAGTCTTCC-1-10x	0.11415664	0.35637936	0.0026715
16w_SITTD12_GCAGCTGCATGTGGTT-1-10x	0.03778285	0.0844473	6.07E-05
16w_SITTD12_GCAGCTGTCGACTCT-1-10x	0.02562499	0.04115871	4.00E-05
16w_SITTD12_GCAGGCTAGATCACTC-1-10x	0.23909256	0.80121887	0.00087632
16w_SITTD12_GCAGGCTGTAGCCCTG-1-10x	0.03522301	0.07533288	5.58E-05
16w_SITTD12_GCAGGCTGTGTGAATA-1-10x	0.04169289	0.09836916	7.40E-05
16w_SITTD12_GCAGTTATCCACGTA-1-10x	0.07010105	0.19951758	0.0011935
16w_SITTD12_GCATCGGGTCATCGCG-1-10x	0.09660342	0.29388037	0.0043435
16w_SITTD12_GCATCGGGTTTCGTTT-1-10x	0.02284751	0.0312694	3.76E-05
16w_SITTD12_GCATGATGTCAACGCC-1-10x	0.02161321	0.02687461	3.69E-05
16w_SITTD12_GCATTAGAGCGCCATC-1-10x	0.20125856	0.66650933	0.0011888
16w_SITTD12_GCATTAGGTGCACATT-1-10x	0.23418163	0.7837333	0.00091657
16w_SITTD12_GCATTAGTCTGGCTT-1-10x	0.13218191	0.42055908	0.0019219
16w_SITTD12_GCCAGCAGTCTACAAC-1-10x	0.117395	0.36790967	0.002453
16w_SITTD12_GCCAGCATCCTGCTAC-1-10x	0.26899722	0.90769565	0.00075594

16w_SITTD12_GCCAGGTCACCAGGTC-1-10x	0.2513446	0.84484273	0.00080467
16w_SITTD12_GCCAGGTCAGCCGGTT-1-10x	0.05215957	0.13563623	0.00017575
16w_SITTD12_GCCAGTGGTGAGGCAT-1-10x	0.04293568	0.10279418	8.29E-05
16w_SITTD12_GCCATGGAGGCGACAT-1-10x	0.25273666	0.8497992	0.00080028
16w_SITTD12_GCCATTCCAAAGGAGA-1-10x	0.14339499	0.46048373	0.0018716
16w_SITTD12_GCCATTCGTAGGTACG-1-10x	0.12998097	0.41272253	0.0019639
16w_SITTD12_GCCATTCGTCTCGCGA-1-10x	0.01835583	0.01527658	3.49E-05
16w_SITTD12_GCCATTCTCCATATGG-1-10x	0.07807335	0.2279033	0.0023954
16w_SITTD12_GCCCAGACACGCGCAT-1-10x	0.2490003	0.83649576	0.00081888
16w_SITTD12_GCCGATGCACCAAATC-1-10x	0.1318936	0.41953254	0.001934
16w_SITTD12_GCCGATGCAGTTACCA-1-10x	0.09250608	0.27929163	0.0044107
16w_SITTD12_GCCGATGGTACTAGCT-1-10x	0.04512108	0.11057537	9.39E-05
16w_SITTD12_GCCGTGATCGTAGCTA-1-10x	0.02840588	0.05106022	4.30E-05
16w_SITTD12_GCGAGAAAGCGCTTCG-1-10x	0.0977125	0.2978293	0.0042943
16w_SITTD12_GCGAGAATCTCTCGCA-1-10x	0.2708022	0.91412234	0.00075418
16w_SITTD12_GCGATCGTCATGGAGG-1-10x	0.2347541	0.7857716	0.00090964
16w_SITTD12_GCGGAAATCACATCAG-1-10x	0.04232763	0.10062918	7.82E-05
16w_SITTD12_GCGTGCAGTTGTTGCA-1-10x	0.2783844	0.9411191	0.00075239
16w_SITTD12_GCGTGCATCGATTTCT-1-10x	0.03278623	0.06665661	5.00E-05
16w_SITTD12_GCGTGCATCTGGTGGC-1-10x	0.2643667	0.89120847	0.00076313
16w_SITTD12_GCGTTTTCGTCTTCATT-1-10x	0.1041531	0.32076135	0.0037215
16w_SITTD12_GCGTTTTCGTGAGCTCC-1-10x	0.2905505	0.984437	0.00076163
16w_SITTD12_GCTACAACACAAGGTG-1-10x	0.09478537	0.28740713	0.0044051
16w_SITTD12_GCTACAACACTGATTG-1-10x	0.20827413	0.69148856	0.0011177
16w_SITTD12_GCTACAACATGACTCA-1-10x	0.18527503	0.6095993	0.0013959
16w_SITTD12_GCTACCTGTCGTACAT-1-10x	0.04916936	0.12498943	0.00012523
16w_SITTD12_GCTGAATCATGGACAG-1-10x	0.07284939	0.20930316	0.0015819
16w_SITTD12_GCTGCAGCACCGCTGA-1-10x	0.24986875	0.8395879	0.00081397
16w_SITTD12_GCTGCAGCAGACACAG-1-10x	0.17285928	0.5653925	0.0016089
16w_SITTD12_GCTGCAGCAGTAGATA-1-10x	0.07136466	0.20401675	0.0013138
16w_SITTD12_GCTGCAGGTTAATCGC-1-10x	0.13835496	0.44253847	0.0018802
16w_SITTD12_GCTTCACCAAGCGAGT-1-10x	0.03743155	0.08319649	6.07E-05
16w_SITTD12_GCTTTTCGAGATGATTG-1-10x	0.08381674	0.24835289	0.0034742
16w_SITTD12_GCTTTTCGTCTACGGTA-1-10x	0.18557696	0.6106743	0.0013809
16w_SITTD12_GGAACCCAGGCTTTCA-1-10x	0.01512349	0.0037677	3.27E-05
16w_SITTD12_GGAACCCGTATCCTTT-1-10x	0.24856536	0.83494717	0.00081888
16w_SITTD12_GGAACCCGTCGGCTAC-1-10x	0.2385174	0.799171	0.00088278
16w_SITTD12_GGAATCTGTATGTGTC-1-10x	0.25707763	0.8652555	0.00078121
16w_SITTD12_GGAATGGCACGAGAAC-1-10x	0.04324689	0.10390223	8.29E-05
16w_SITTD12_GGACGTCTCTAGTGTG-1-10x	0.2686081	0.90631014	0.00075594
16w_SITTD12_GGAGAACGTCACTCTC-1-10x	0.05415429	0.1427385	0.00021164

16w_SITTD12_GGAGATGGTCGTTGGC-1-10x	0.06002465	0.16364017	0.00038577
16w_SITTD12_GGAGGTAGTCCAACGC-1-10x	0.24044004	0.8060166	0.00086997
16w_SITTD12_GGATCTAAGACGACTG-1-10x	0.12135428	0.38200685	0.0022308
16w_SITTD12_GGATCTAAGTTGAAAC-1-10x	0.27998698	0.94682515	0.00075303
16w_SITTD12_GGATGTTCAATACCCA-1-10x	0.28613257	0.9687068	0.00075773
16w_SITTD12_GGCACGTAGCACCTGC-1-10x	0.08695149	0.2595143	0.0040384
16w_SITTD12_GGCACGTCAAGGGCAT-1-10x	0.24359322	0.81724364	0.00085167
16w_SITTD12_GGCACGTTCTCGAGTA-1-10x	0.03118526	0.06095631	4.68E-05
16w_SITTD12_GGCAGTCCAGCACGAA-1-10x	0.03385244	0.07045292	5.17E-05
16w_SITTD12_GGCTGTGAGACTGAGC-1-10x	0.09030858	0.27146736	0.0042999
16w_SITTD12_GGCTGTGTCGCTAATG-1-10x	0.02831241	0.05072739	4.30E-05
16w_SITTD12_GGCTTGGAGTCCCTAA-1-10x	0.24933006	0.8376699	0.00081888
16w_SITTD12_GGCTTGGAGTGATCGG-1-10x	0.27797785	0.9396716	0.00075239
16w_SITTD12_GGCTTTCCAGGCTATT-1-10x	0.09148017	0.27563882	0.0043535
16w_SITTD12_GGGAAGTAGCATCAGG-1-10x	0.22025079	0.73413193	0.0010179
16w_SITTD12_GGGACAACAGGAGGTT-1-10x	0.04624104	0.11456304	0.00010046
16w_SITTD12_GGGACAAGTTAAAGTG-1-10x	0.11802949	0.3701688	0.0023898
16w_SITTD12_GGGACAATCGGAAACG-1-10x	0.0174495	0.01204957	3.44E-05
16w_SITTD12_GGGACCTAGGCTGTAG-1-10x	0.24047244	0.80613196	0.00086997
16w_SITTD12_GGGACTCAGACTCCGC-1-10x	0.01658999	0.00898922	3.38E-05
16w_SITTD12_GGGACTCAGCCACCGT-1-10x	0.24987999	0.8396279	0.00081397
16w_SITTD12_GGGAGTAAGACATAAC-1-10x	0.0980343	0.29897508	0.0042943
16w_SITTD12_GGGAGTATCTGGGTCG-1-10x	0.2704924	0.9130193	0.00075418
16w_SITTD12_GGGCCATAGTCCTGCG-1-10x	0.19746415	0.65299916	0.0012292
16w_SITTD12_GGGCCATGTAGGGTAC-1-10x	0.20972866	0.6966675	0.0011095
16w_SITTD12_GGGCGTTCAGTTGAAA-1-10x	0.10426631	0.3211644	0.0037215
16w_SITTD12_GGGCTACAGTTCACT-1-10x	0.29032773	0.98364383	0.00076163
16w_SITTD12_GGGCTACCATTCTAT-1-10x	0.16624516	0.5418427	0.0017206
16w_SITTD12_GGGTCACCAGGCCTGT-1-10x	0.2682561	0.90505683	0.00075594
16w_SITTD12_GGGTCTGTCCGACAAG-1-10x	0.04402939	0.10668837	8.81E-05
16w_SITTD12_GGGTTATCAAACCACT-1-10x	0.2576326	0.8672315	0.00078121
16w_SITTD12_GGGTTTAGTGTCGATT-1-10x	0.02944988	0.05477741	4.42E-05
16w_SITTD12_GGTAAGTACAAGTATC-1-10x	0.16873708	0.55071527	0.0016744
16w_SITTD12_GGTAAGTACAGGATCAC-1-10x	0.01560945	0.00549797	3.33E-05
16w_SITTD12_GGTAATCGTTAAGGAT-1-10x	0.24323939	0.81598383	0.00085167
16w_SITTD12_GGTAGAGCACTATGTG-1-10x	0.10318616	0.3173185	0.0038193
16w_SITTD12_GGTACGCAAAGCGTG-1-10x	0.23548326	0.7883678	0.00090278
16w_SITTD12_GGTCTGGAGCGATGGT-1-10x	0.04355878	0.10501272	8.29E-05
16w_SITTD12_GGTGAAGGTACTCA-1-10x	0.01684269	0.00988899	3.38E-05
16w_SITTD12_GGTGATTAGATGTTGA-1-10x	0.01645935	0.00852409	3.38E-05
16w_SITTD12_GGTGGCTAGAATTCAG-1-10x	0.28995958	0.982333	0.00076163

16w_SITTD12_GGTGTCGAGTGAGTGC-1-10x	0.04496802	0.11003039	9.39E-05
16w_SITTD12_GGTGTCGAGTTGCGAG-1-10x	0.24024317	0.8053157	0.00086997
16w_SITTD12_GGTGTCGTCTTGGTGA-1-10x	0.26151592	0.88105816	0.00076963
16w_SITTD12_GGTAACTCTGCCCTA-1-10x	0.0856062	0.2547243	0.0037839
16w_SITTD12_GGTTCTCTCGTACCTC-1-10x	0.06951346	0.19742547	0.0010821
16w_SITTD12_GGTTGTAAGTTGTAGA-1-10x	0.10817786	0.33509165	0.0033168
16w_SITTD12_GGTTGTATCGTTACCC-1-10x	0.26972395	0.9102832	0.00075499
16w_SITTD12_GTAACACGTATCATGC-1-10x	0.07211772	0.20669802	0.0014433
16w_SITTD12_GTAACACTCGCTCCTA-1-10x	0.23968324	0.803322	0.00087632
16w_SITTD12_GTAACCACACTGTGTA-1-10x	0.26384395	0.88934726	0.00076313
16w_SITTD12_GTAACCATCACTCGAA-1-10x	0.24309453	0.8154681	0.00085167
16w_SITTD12_GTAATCGCAACCCGCA-1-10x	0.2510378	0.8437504	0.00080923
16w_SITTD12_GTAATGCAGGTCACCC-1-10x	0.04022501	0.09314271	7.01E-05
16w_SITTD12_GTAATGCCAACCGTGC-1-10x	0.08368478	0.24788302	0.0034742
16w_SITTD12_GTAATGCCATACCAGT-1-10x	0.11420006	0.35653394	0.0026715
16w_SITTD12_GTACAGTAGACATCAA-1-10x	0.0522299	0.13588664	0.00017575
16w_SITTD12_GTACAGTCAGACTGCC-1-10x	0.26034677	0.87689537	0.00077221
16w_SITTD12_GTAGAAACAGCCTATA-1-10x	0.25048107	0.84176815	0.00080923
16w_SITTD12_GTAGAGGCACACCTTC-1-10x	0.10184299	0.3125361	0.0040036
16w_SITTD12_GTAGCTAAGAGAGGTA-1-10x	0.0160923	0.00721718	3.33E-05
16w_SITTD12_GTAGCTAGTGGGTATG-1-10x	0.05495877	0.14560287	0.000233
16w_SITTD12_GTAGTACCAGCACAAG-1-10x	0.28155893	0.95242214	0.00075401
16w_SITTD12_GTAGTACGTGGTCAAG-1-10x	0.03229133	0.06489453	4.83E-05
16w_SITTD12_GTATTGGAGCGGTATG-1-10x	0.01564834	0.00563645	3.33E-05
16w_SITTD12_GTATTGGCAGGTTTAC-1-10x	0.14307979	0.4593614	0.0018718
16w_SITTD12_GTATTGGGTCGCAGTC-1-10x	0.02349074	0.03355963	3.83E-05
16w_SITTD12_GTATTTAGGTAGGCT-1-10x	0.1367108	0.43668434	0.0018842
16w_SITTD12_GTCAAACCTCTCAGTCC-1-10x	0.26130268	0.8802989	0.00076963
16w_SITTD12_GTCAAACCTTAGTTC-1-10x	0.037765	0.08438376	6.07E-05
16w_SITTD12_GTCACGGTCGTCTCAC-1-10x	0.19847691	0.6566051	0.0012187
16w_SITTD12_GTCACTCTCGGTGAC-1-10x	0.08269409	0.24435563	0.0033032
16w_SITTD12_GTCACTCTCGGTAGAG-1-10x	0.06079454	0.16638139	0.00042799
16w_SITTD12_GTCAGCGCAGCATACT-1-10x	0.08075571	0.23745395	0.0029431
16w_SITTD12_GTCAGCGGTGCCTATA-1-10x	0.24386126	0.818198	0.00084583
16w_SITTD12_GTCATCCCAGAGTCTT-1-10x	0.19805594	0.65510625	0.0012187
16w_SITTD12_GTCATGATCAACCCGG-1-10x	0.20971406	0.69661546	0.0011095
16w_SITTD12_GTCCACTAGTTAACAG-1-10x	0.0471668	0.11785924	0.00010777
16w_SITTD12_GTCCACTAGTTGTAAG-1-10x	0.08191936	0.24159716	0.0031253
16w_SITTD12_GTCCCATAGCGAACTG-1-10x	0.0852572	0.25348166	0.0037839
16w_SITTD12_GTCCCATGTGATTTG-1-10x	0.13715008	0.43824846	0.0018842
16w_SITTD12_GTCGAATCAAGTTCGT-1-10x	0.08039144	0.23615697	0.0029431

16w_SITTD12_GTCGAATCAATAGGGC-1-10x	0.04038319	0.0937059	7.01E-05
16w_SITTD12_GTCGCGACAAAGGATT-1-10x	0.05541521	0.14722803	0.000233
16w_SITTD12_GTCGTTCTCGCTGATA-1-10x	0.06288284	0.17381686	0.00052741
16w_SITTD12_GTCTACCAGCGATCGA-1-10x	0.02159163	0.02679779	3.69E-05
16w_SITTD12_GTCTACCAGTACCGGA-1-10x	0.09536564	0.2894732	0.0043808
16w_SITTD12_GTCTAGAAGCACTCGC-1-10x	0.05946808	0.16165845	0.00034795
16w_SITTD12_GTCTAGAAGCTGAGTG-1-10x	0.02960689	0.05533645	4.55E-05
16w_SITTD12_GTCTAGAAGTGGAAAG-1-10x	0.10868422	0.33689457	0.0032165
16w_SITTD12_GTCTAGACACTAAACC-1-10x	0.06257981	0.17273791	0.00052741
16w_SITTD12_GTCTCACGTTGGGCCT-1-10x	0.17513257	0.5734867	0.0015753
16w_SITTD12_GTCTGTCTCATTTCCA-1-10x	0.12521428	0.39575052	0.0020803
16w_SITTD12_GTCTTTAAGTAGCTCT-1-10x	0.0482394	0.12167827	0.00011598
16w_SITTD12_GTGACGCAGTTGAAGT-1-10x	0.03862028	0.08742901	6.36E-05
16w_SITTD12_GTGACGCCATCCTAAG-1-10x	0.07964281	0.23349142	0.0027593
16w_SITTD12_GTGACGCGTGGACTAG-1-10x	0.05271131	0.1376007	0.00017575
16w_SITTD12_GTGATGTGTAGAAACT-1-10x	0.27837032	0.94106895	0.00075239
16w_SITTD12_GTGCACGTCACCGCTT-1-10x	0.14132914	0.45312816	0.0018734
16w_SITTD12_GTGCACGTCTGGCCAG-1-10x	0.11355626	0.35424167	0.0027534
16w_SITTD12_GTGCAGCTCGACATTG-1-10x	0.1819534	0.5977725	0.0014427
16w_SITTD12_GTGCGTGAGTAAGGGA-1-10x	0.265475	0.89515465	0.00075974
16w_SITTD12_GTGCGTGTTTCGGTCG-1-10x	0.02787214	0.04915981	4.30E-05
16w_SITTD12_GTGCTGGCAGTAACAA-1-10x	0.084914	0.2522597	0.0036353
16w_SITTD12_GTGCTTCGTCTGCCTT-1-10x	0.28551248	0.9664989	0.00075686
16w_SITTD12_GTGGAAGAGCCTTTGA-1-10x	0.1169714	0.36640143	0.002453
16w_SITTD12_GTGGAAGTTCAAACC-1-10x	0.13999799	0.44838855	0.001875
16w_SITTD12_GTGGAGACATGACGTT-1-10x	0.0990172	0.30247474	0.0042345
16w_SITTD12_GTGGCGTCAAGTCATC-1-10x	0.2683816	0.9055037	0.00075594
16w_SITTD12_GTGGGAATCCTACCAC-1-10x	0.09096725	0.27381253	0.0043535
16w_SITTD12_GTGGTTAAGACCTCCG-1-10x	0.02539126	0.04032653	4.00E-05
16w_SITTD12_GTGGTTAGTATCGTTG-1-10x	0.26320323	0.88706595	0.00076511
16w_SITTD12_GTGTAACAGTAGGCCA-1-10x	0.22398552	0.7474296	0.00099599
16w_SITTD12_GTGTAACGTTACGGAG-1-10x	0.0450244	0.11023112	9.39E-05
16w_SITTD12_GTGTGATCATGGGATG-1-10x	0.14418517	0.4632972	0.0018716
16w_SITTD12_GTGTGATTCAAGCCTA-1-10x	0.03332572	0.0685775	5.17E-05
16w_SITTD12_GTGTGATTCCTGAAG-1-10x	0.07302811	0.20993952	0.0015819
16w_SITTD12_GTGTGGCGTTTCGAGCC-1-10x	0.09050298	0.2721595	0.0042999
16w_SITTD12_GTTACCCACGTCTCT-1-10x	0.01592156	0.00660924	3.33E-05
16w_SITTD12_GTTACCCTCGAGTGGA-1-10x	0.09791122	0.29853684	0.0042943
16w_SITTD12_GTTACCCTCTAGGCAT-1-10x	0.10373455	0.31927106	0.0038193
16w_SITTD12_GTTACGACACGACCTG-1-10x	0.07705379	0.22427313	0.0022191
16w_SITTD12_GTTACGATCGACGACC-1-10x	0.26633492	0.8982164	0.00075831

16w_SITTD12_GTTAGACCACAGTATC-1-10x	0.0156579	0.00567048	3.33E-05
16w_SITTD12_GTTATGGAGTGTACCT-1-10x	0.19205636	0.6337445	0.0012985
16w_SITTD12_GTTATGGTCCTTCAGC-1-10x	0.11568985	0.3618384	0.002594
16w_SITTD12_GTTTCGCTCACGCGCAT-1-10x	0.27109116	0.91515124	0.00075352
16w_SITTD12_GTTCTATAGACTTCAC-1-10x	0.04284924	0.10248639	8.29E-05
16w_SITTD12_GTTGAACAGGGCGACAT-1-10x	0.12036482	0.37848383	0.0022788
16w_SITTD12_GTTGAACCATTGTAGC-1-10x	0.06262075	0.17288369	0.00052741
16w_SITTD12_GTTGCGGCATGGATCT-1-10x	0.02540646	0.04038065	4.00E-05
16w_SITTD12_GTTGTCCAGCTAATGA-1-10x	0.01625305	0.00778953	3.33E-05
16w_SITTD12_GTTTACTAGCCTTTGA-1-10x	0.04025318	0.093243	7.01E-05
16w_SITTD12_GTTTACTTCCGATGTA-1-10x	0.04402116	0.10665906	8.81E-05
16w_SITTD12_TAACCAGAGGTGCATG-1-10x	0.20891888	0.69378424	0.0011177
16w_SITTD12_TAACGACAGGGACTGT-1-10x	0.11404296	0.35597458	0.0027534
16w_SITTD12_TAACGACTCATCAGTG-1-10x	0.28102767	0.9505306	0.00075348
16w_SITTD12_TAAGCACGTATGGTTC-1-10x	0.08312539	0.24589129	0.0034742
16w_SITTD12_TAAGCACTCATTACGG-1-10x	0.09032114	0.27151206	0.0042999
16w_SITTD12_TAAGCGTGTCACTGAT-1-10x	0.04105068	0.09608255	7.40E-05
16w_SITTD12_TAATCTCATAACCCA-1-10x	0.06468769	0.1802431	0.00064991
16w_SITTD12_TAATCTCTCAATCAGC-1-10x	0.18667729	0.61459213	0.0013662
16w_SITTD12_TACACCCTCATCCCGT-1-10x	0.06334087	0.17544767	0.00052741
16w_SITTD12_TACATTCCACAGGATG-1-10x	0.02029396	0.02217736	3.62E-05
16w_SITTD12_TACCCACAGGTAAAGG-1-10x	0.20660187	0.6855344	0.0011344
16w_SITTD12_TACCCACCAATTGAGA-1-10x	0.01878894	0.01681867	3.49E-05
16w_SITTD12_TACCCACGTGAACCGA-1-10x	0.01816051	0.01458113	3.44E-05
16w_SITTD12_TACCCACGTGTCATTG-1-10x	0.0654233	0.18286225	0.00072102
16w_SITTD12_TACCCACTCCGACATA-1-10x	0.24940428	0.8379342	0.00081397
16w_SITTD12_TACCCACTCTCGAACA-1-10x	0.24388026	0.8182657	0.00084583
16w_SITTD12_TACCCGTTCTGCTTTA-1-10x	0.09465998	0.28696066	0.0044051
16w_SITTD12_TACCGAAAGGACAGTC-1-10x	0.08093745	0.23810105	0.0029431
16w_SITTD12_TACCGGGAGTGTACCT-1-10x	0.11317089	0.3528695	0.0027534
16w_SITTD12_TACCTCGAGGCTGTAG-1-10x	0.26965353	0.91003245	0.00075499
16w_SITTD12_TACCTCGTCAAGAAAC-1-10x	0.2527339	0.8497894	0.00080028
16w_SITTD12_TACCTCGTCATGGATC-1-10x	0.17982481	0.59019357	0.0014915
16w_SITTD12_TACGGGCTCCATACTT-1-10x	0.26874772	0.9068073	0.00075594
16w_SITTD12_TACGGTAGTCGCATGC-1-10x	0.13142413	0.41786095	0.001934
16w_SITTD12_TACGGTATCTTGCAAG-1-10x	0.02104209	0.02484111	3.62E-05
16w_SITTD12_TACTTACTCCAACACA-1-10x	0.05579598	0.1485838	0.000233
16w_SITTD12_TACTTCACAGTTTGGT-1-10x	0.04383783	0.10600629	8.81E-05
16w_SITTD12_TACTTCAGTCCAGCCA-1-10x	0.2593369	0.87329966	0.00077499
16w_SITTD12_TACTTGTTCTAGCCG-1-10x	0.0150968	0.00367267	3.27E-05
16w_SITTD12_TACTTGTTCTATTTG-1-10x	0.01903531	0.01769589	3.49E-05

16w_SITTD12_TAGACCAAGCACCGAA-1-10x	0.04551815	0.11198913	9.39E-05
16w_SITTD12_TAGACCACAATTGCAC-1-10x	0.07649219	0.22227351	0.0020486
16w_SITTD12_TAGAGTCGTTGCATAC-1-10x	0.2053094	0.6809325	0.001143
16w_SITTD12_TAGATCGGTAACCAGG-1-10x	0.05891274	0.15968114	0.00034795
16w_SITTD12_TAGCACACAAGGCAAC-1-10x	0.25010738	0.8404376	0.00081397
16w_SITTD12_TAGCACAGTTCTGACA-1-10x	0.1653511	0.5386593	0.0017353
16w_SITTD12_TAGGTACAGAGTCGAC-1-10x	0.12163723	0.3830143	0.0021873
16w_SITTD12_TAGTGCAGTCTCTCCA-1-10x	0.27323335	0.9227786	0.0007526
16w_SITTD12_TATATCCTCAACTGGT-1-10x	0.27586043	0.93213236	0.00075214
16w_SITTD12_TATCCTACAGACACAG-1-10x	0.03156455	0.06230676	4.83E-05
16w_SITTD12_TATCCTAGTTGCCGAC-1-10x	0.10619141	0.3280188	0.00352
16w_SITTD12_TATCGCCTCGTAACCA-1-10x	0.2809204	0.9501486	0.00075348
16w_SITTD12_TATCGCCTCTGAGATC-1-10x	0.05020014	0.12865956	0.00013566
16w_SITTD12_TATCTTGTCGGTGACG-1-10x	0.03595473	0.07793821	5.58E-05
16w_SITTD12_TATGTTCCACGCCACA-1-10x	0.11320078	0.352976	0.0027534
16w_SITTD12_TATTCACACAGTATC-1-10x	0.13230157	0.42098513	0.0019219
16w_SITTD12_TATTGCTCAACTAC-1-10x	0.03321033	0.06816666	5.00E-05
16w_SITTD12_TATTCGCAATCGCCG-1-10x	0.27992308	0.94659764	0.00075303
16w_SITTD12_TCAAGCAAGTTGAAAC-1-10x	0.01722183	0.01123893	3.38E-05
16w_SITTD12_TCAAGTGCAGTCAGAG-1-10x	0.159077	0.51632017	0.0018209
16w_SITTD12_TCAATCTTCTCGATC-1-10x	0.08715049	0.26022282	0.0040384
16w_SITTD12_TCAATTCAGAGATGCC-1-10x	0.02596299	0.04236218	4.09E-05
16w_SITTD12_TCAATTCACGTCATA-1-10x	0.08670767	0.25864616	0.0039187
16w_SITTD12_TCACAAGCATTATCATCT-1-10x	0.04880851	0.12370462	0.00012523
16w_SITTD12_TCACAAGGTACCCGCA-1-10x	0.28285357	0.9570318	0.00075462
16w_SITTD12_TCACAAGTCCATACTT-1-10x	0.05910851	0.16037819	0.00034795
16w_SITTD12_TCACACCAGTTATGGA-1-10x	0.05625797	0.15022872	0.000257
16w_SITTD12_TCACGCTCATGACTCA-1-10x	0.2759338	0.9323936	0.00075214
16w_SITTD12_TCACGGGGTACGGGAT-1-10x	0.05220268	0.13578969	0.00017575
16w_SITTD12_TCACGGGTATGTCTT-1-10x	0.09655382	0.29370376	0.0043435
16w_SITTD12_TCACTATCACACATA-1-10x	0.03908013	0.08906632	6.67E-05
16w_SITTD12_TCAGGGCAGGTAACCTA-1-10x	0.22935085	0.7665331	0.0009522
16w_SITTD12_TCAGGTAAGGAGTACC-1-10x	0.05075475	0.1306343	0.00014746
16w_SITTD12_TCAGTCCCACCTAGG-1-10x	0.02281361	0.03114869	3.76E-05
16w_SITTD12_TCAGTGACACCGTCGA-1-10x	0.08740222	0.2611191	0.0040384
16w_SITTD12_TCATACTTCCAACCTGA-1-10x	0.28914967	0.9794493	0.0007606
16w_SITTD12_TCATATCAGCTAATCC-1-10x	0.09697828	0.2952151	0.0043435
16w_SITTD12_TCATATCCACACCTGG-1-10x	0.07651094	0.22234027	0.0020486
16w_SITTD12_TCATCATGTCCGGATC-1-10x	0.08309508	0.24578337	0.0033032
16w_SITTD12_TCATCCGAGATAACAC-1-10x	0.06128333	0.16812174	0.00042799
16w_SITTD12_TCATCCGAGGACACTG-1-10x	0.13121079	0.41710135	0.001934

16w_SITTD12_TCATCCGCAAAGTAGA-1-10x	0.13165471	0.41868195	0.001934
16w_SITTD12_TCATCCGGTGCGAACA-1-10x	0.01803569	0.01413671	3.44E-05
16w_SITTD12_TCATGCCGTTTGTCT-1-10x	0.02202006	0.02832321	3.69E-05
16w_SITTD12_TCATGGAAGTTGGAC-1-10x	0.0162004	0.00760209	3.33E-05
16w_SITTD12_TCATGGAGTCAAGCGA-1-10x	0.08046028	0.23640205	0.0029431
16w_SITTD12_TCATGGAGTGGACAGT-1-10x	0.15111944	0.48798695	0.0018676
16w_SITTD12_TCATTACCACAGAAGC-1-10x	0.04324269	0.10388729	8.29E-05
16w_SITTD12_TCATTACATATAGCC-1-10x	0.05620053	0.1500242	0.000257
16w_SITTD12_TCATTTGAGCAAACAT-1-10x	0.0495384	0.12630342	0.00013566
16w_SITTD12_TCATTTGTGACACCCG-1-10x	0.04614324	0.1142148	0.00010046
16w_SITTD12_TCCACCAGTATGAGGC-1-10x	0.02552014	0.0407854	4.00E-05
16w_SITTD12_TCCACCATCTTACGC-1-10x	0.03474705	0.07363822	5.37E-05
16w_SITTD12_TCCAGAATCTCCGAAA-1-10x	0.04073425	0.09495586	7.01E-05
16w_SITTD12_TCCATCGCAGCTTCC-1-10x	0.02244137	0.02982332	3.76E-05
16w_SITTD12_TCCATGCCACCCTAAA-1-10x	0.1376725	0.44010854	0.0018802
16w_SITTD12_TCCCATGAGAGTCCGA-1-10x	0.05597385	0.1492171	0.000257
16w_SITTD12_TCCGATCTCAGAATAG-1-10x	0.25174507	0.84626865	0.00080467
16w_SITTD12_TCCGTGTCACGCGTCA-1-10x	0.0948591	0.28766966	0.0044051
16w_SITTD12_TCCTCCCAGGTCACCT-1-10x	0.10953611	0.33992776	0.0031181
16w_SITTD12_TCCTCCCAGCTACAT-1-10x	0.06852958	0.19392233	0.00097948
16w_SITTD12_TCCTCCCTCCGTCTA-1-10x	0.2128574	0.7078075	0.0010778
16w_SITTD12_TCCTCGATCATTTGTC-1-10x	0.26237026	0.8841001	0.00076727
16w_SITTD12_TCCTCTTCGTTATCT-1-10x	0.02499446	0.03891371	4.00E-05
16w_SITTD12_TCCTGCATCTCAACCC-1-10x	0.03056586	0.05875089	4.68E-05
16w_SITTD12_TCCTTCTCAAGTCATC-1-10x	0.087838	0.26267073	0.0041422
16w_SITTD12_TCGAACAGTTTCACTT-1-10x	0.04672527	0.11628716	0.00010777
16w_SITTD12_TCGAAGTCAAAGCTCT-1-10x	0.10265891	0.3154412	0.0039137
16w_SITTD12_TCGAAGTACCAGCTG-1-10x	0.07207257	0.20653729	0.0014433
16w_SITTD12_TCGACCTGTCCACAGC-1-10x	0.20607269	0.68365026	0.001143
16w_SITTD12_TCGATTTAGATCCGAG-1-10x	0.08955527	0.26878515	0.0042295
16w_SITTD12_TCGCAGGAGCATCCCG-1-10x	0.05422359	0.14298525	0.00021164
16w_SITTD12_TCGCAGGTCCGTGACG-1-10x	0.28748474	0.97352123	0.00075864
16w_SITTD12_TCGCTCAAGCCTGCCA-1-10x	0.03938323	0.09014552	6.67E-05
16w_SITTD12_TCGGGACTCTCTATAC-1-10x	0.04048543	0.09406994	7.01E-05
16w_SITTD12_TCGGGCAGTCCAGGTC-1-10x	0.15759614	0.5110475	0.0018302
16w_SITTD12_TCGGGCATCAGGCGAA-1-10x	0.08016715	0.23535833	0.0027593
16w_SITTD12_TCGGGTGAGACTTAAG-1-10x	0.03352158	0.06927487	5.17E-05
16w_SITTD12_TCGGGTGTTCTAACG-1-10x	0.24398138	0.8186257	0.00084583
16w_SITTD12_TCGGTCTAGTATCCTG-1-10x	0.08831503	0.2643692	0.0041422
16w_SITTD12_TCGTAGAGTGGAAGTC-1-10x	0.13662277	0.43637094	0.0018891
16w_SITTD12_TCGTAGATCTACTTCA-1-10x	0.05121668	0.13227901	0.00016076

16w_SITTD12_TCGTCCAGTATCTCGA-1-10x	0.12798975	0.40563273	0.0020026
16w_SITTD12_TCGTGGGCAGTGCCTG-1-10x	0.21212156	0.7051875	0.0010856
16w_SITTD12_TCGTGGGTCTCAAGTGG-1-10x	0.10033362	0.30716193	0.0040879
16w_SITTD12_TCGTGGGTCTCCAAGA-1-10x	0.05736496	0.15417022	0.00028394
16w_SITTD12_TCTACATCAAAGGCGT-1-10x	0.05121326	0.13226683	0.00016076
16w_SITTD12_TCTACATCAACGGGTA-1-10x	0.24661428	0.82800025	0.0008292
16w_SITTD12_TCTACATCACAGTATC-1-10x	0.13037416	0.41412252	0.001948
16w_SITTD12_TCTACATGTCACAGTT-1-10x	0.16558506	0.5394923	0.0017353
16w_SITTD12_TCTACCGCAGCGTTGC-1-10x	0.05595886	0.14916375	0.000257
16w_SITTD12_TCTACCGTCTTGGTCC-1-10x	0.06604425	0.18507318	0.00072102
16w_SITTD12_TCTCAGCGTTCTCTAT-1-10x	0.08657163	0.25816175	0.0039187
16w_SITTD12_TCTCCGAAGTACTCGT-1-10x	0.14021854	0.44917384	0.001875
16w_SITTD12_TCTCCGAGTTTGCAGT-1-10x	0.12240063	0.3857324	0.0021873
16w_SITTD12_TCTCTGGAGCGCCGTT-1-10x	0.08693776	0.2594654	0.0040384
16w_SITTD12_TCTCTGGAGGAGACCT-1-10x	0.0984582	0.3004844	0.0042345
16w_SITTD12_TCTCTGGAGTCAACGAG-1-10x	0.23973629	0.8035109	0.00087632
16w_SITTD12_TCTGCCAGTCAACCAT-1-10x	0.19633633	0.64898354	0.00124
16w_SITTD12_TCTGCCAGTTTACTTC-1-10x	0.07667083	0.22290958	0.0022191
16w_SITTD12_TCTGGCTCAATAGGGC-1-10x	0.14825018	0.4777708	0.0018713
16w_SITTD12_TCTGGCTCATTAAAGG-1-10x	0.2596308	0.87434614	0.00077499
16w_SITTD12_TCTGGCTTCACTCGAA-1-10x	0.27345344	0.9235622	0.0007526
16w_SITTD12_TCTGGCTTCGTGCAGC-1-10x	0.13144755	0.41794437	0.001934
16w_SITTD12_TCTTAGTGTAACACGG-1-10x	0.17698213	0.5800721	0.0015416
16w_SITTD12_TCTTAGTGTTGGCTA-1-10x	0.2191834	0.7303315	0.0010326
16w_SITTD12_TCTTCCTAGAAGCTCG-1-10x	0.24381441	0.8180312	0.00084583
16w_SITTD12_TCTTGCGGTTTGACAC-1-10x	0.262126	0.8832304	0.00076727
16w_SITTD12_TGAACGTGTAGCTTAC-1-10x	0.27082294	0.9141962	0.00075418
16w_SITTD12_TGAACGTTCGCGTGAC-1-10x	0.11209934	0.34905422	0.002929
16w_SITTD12_TGAATGCCATGGTACT-1-10x	0.18740529	0.61718416	0.0013519
16w_SITTD12_TGAATGCTCATAACAGC-1-10x	0.1901395	0.62691945	0.0013244
16w_SITTD12_TGACAGTAGCAACAAT-1-10x	0.13236253	0.42120218	0.0019219
16w_SITTD12_TGACAGGTACCGCGT-1-10x	0.03010418	0.05710708	4.55E-05
16w_SITTD12_TGACCCTAGTCTCTGA-1-10x	0.02122977	0.02550936	3.69E-05
16w_SITTD12_TGACCCTTCGTGCATA-1-10x	0.12942617	0.41074714	0.0019639
16w_SITTD12_TGACCCTTCGTGTTCC-1-10x	0.03271453	0.06640133	5.00E-05
16w_SITTD12_TGACGCGAGGTCGACA-1-10x	0.04523069	0.11096564	9.39E-05
16w_SITTD12_TGACGCGAGTCGGCAA-1-10x	0.04820685	0.12156237	0.00011598
16w_SITTD12_TGACTCCCAAGAATGT-1-10x	0.16110049	0.5235249	0.0017883
16w_SITTD12_TGAGACTTCATTACTC-1-10x	0.08178733	0.24112706	0.0031253
16w_SITTD12_TGAGACTTCGGCTTCT-1-10x	0.17249614	0.56409955	0.0016089
16w_SITTD12_TGAGCATCAGAGATGC-1-10x	0.1323905	0.42130175	0.0019219

16w_SITTD12_TGAGGAGTCAGGAAAT-1-10x	0.05665684	0.15164892	0.000257
16w_SITTD12_TGAGGTTAGTGTTAC-1-10x	0.11642269	0.3644477	0.0025211
16w_SITTD12_TGAGGTTTCTATTGTC-1-10x	0.04700037	0.11726666	0.00010777
16w_SITTD12_TGATCAGCAAGGCTTT-1-10x	0.28133658	0.9516304	0.00075401
16w_SITTD12_TGATGCACAACACGAG-1-10x	0.11203061	0.34880954	0.002929
16w_SITTD12_TGATGGTCACGTGAGA-1-10x	0.07227534	0.20725925	0.0014433
16w_SITTD12_TGATGGTGTTCAGA-1-10x	0.12815174	0.4062095	0.0020026
16w_SITTD12_TGATTCTAGAGGACTC-1-10x	0.2431826	0.8157816	0.00085167
16w_SITTD12_TGATTCGTCGATCG-1-10x	0.06962896	0.19783671	0.0010821
16w_SITTD12_TGATTTCTCTCATGGA-1-10x	0.10882901	0.3374101	0.0032165
16w_SITTD12_TGCAGATGTGAACGGT-1-10x	0.26450837	0.8917129	0.00076135
16w_SITTD12_TGCAGGCTCGCTCATC-1-10x	0.118178	0.3706976	0.0023898
16w_SITTD12_TGCAGTAGTACGAAAT-1-10x	0.10848749	0.33619413	0.0032165
16w_SITTD12_TGCATGAAGGCTCTCG-1-10x	0.2789092	0.9429877	0.00075266
16w_SITTD12_TGCATGATCCCATAGA-1-10x	0.05138579	0.13288113	0.00016076
16w_SITTD12_TGCCGAGCATGGAACG-1-10x	0.08667168	0.258518	0.0039187
16w_SITTD12_TGCGATACATACATCG-1-10x	0.04510193	0.1105072	9.39E-05
16w_SITTD12_TGCGGCAAGGTCTACT-1-10x	0.01554487	0.00526805	3.33E-05
16w_SITTD12_TGCTCCAAGGTGGGTT-1-10x	0.15314902	0.49521336	0.0018617
16w_SITTD12_TGCTCCATCATGCCAA-1-10x	0.11317385	0.3528801	0.0027534
16w_SITTD12_TGCTTCGAGTTGGAC-1-10x	0.24249098	0.8133191	0.00085764
16w_SITTD12_TGCTTCGGTACTGCCG-1-10x	0.1631967	0.5309885	0.001763
16w_SITTD12_TGGATCATCGGCCCAA-1-10x	0.21747905	0.7242631	0.00104
16w_SITTD12_TGGCGTGAGCGTGTCC-1-10x	0.11301043	0.35229823	0.0028393
16w_SITTD12_TGGGAAGCAGCTAACT-1-10x	0.0223439	0.02947626	3.76E-05
16w_SITTD12_TGGGAGATCAGTGGGA-1-10x	0.04131521	0.09702442	7.40E-05
16w_SITTD12_TGGGAGATCGTTCCCA-1-10x	0.25943968	0.87366563	0.00077499
16w_SITTD12_TGGGATTAGCATTGAA-1-10x	0.08407537	0.24927373	0.0036353
16w_SITTD12_TGGGCGTTCGTAGAGG-1-10x	0.01715479	0.01100022	3.38E-05
16w_SITTD12_TGGGCTGTGATACTG-1-10x	0.10713304	0.33137152	0.0034182
16w_SITTD12_TGGGTTAAGAGCAACC-1-10x	0.1840605	0.6052749	0.0014112
16w_SITTD12_TGGGTTACAGGGAGAG-1-10x	0.0501578	0.12850882	0.00013566
16w_SITTD12_TGGGTTATCTCGAGTA-1-10x	0.20556244	0.6818335	0.001143
16w_SITTD12_TGGTACAGTTGCGGCT-1-10x	0.26043862	0.8772224	0.00077221
16w_SITTD12_TGGTACATCTCCACTG-1-10x	0.01919079	0.01824949	3.49E-05
16w_SITTD12_TGGTAGTTCCCGAGGT-1-10x	0.258415	0.8700173	0.000778
16w_SITTD12_TGGTTAGCAATCGAAA-1-10x	0.2849823	0.9646112	0.00075605
16w_SITTD12_TGTAACGAGCAGCAGT-1-10x	0.18278782	0.6007435	0.0014268
16w_SITTD12_TGTAACGCAGACTCTA-1-10x	0.03424566	0.07185299	5.17E-05
16w_SITTD12_TGTAACGGTCTTAGTG-1-10x	0.1225163	0.38614428	0.0021873
16w_SITTD12_TGTAAGCGTCGCAGTC-1-10x	0.24886143	0.83600134	0.00081888

16w_SITTD12_TGTACAGTCCGATGCG-1-10x	0.04238866	0.10084647	7.82E-05
16w_SITTD12_TGTAGACAGAATAACC-1-10x	0.02232045	0.02939277	3.76E-05
16w_SITTD12_TGTCAGATCTATCCAT-1-10x	0.01985342	0.02060879	3.55E-05
16w_SITTD12_TGTCCACTCTATCGCC-1-10x	0.09523223	0.28899822	0.0044051
16w_SITTD12_TGTCCCAGTCATAGTC-1-10x	0.1919423	0.6333384	0.0012985
16w_SITTD12_TGTCCCATCTTGAGCA-1-10x	0.04733251	0.11844927	0.00010777
16w_SITTD12_TGTCCTGTCCATGCAA-1-10x	0.27054152	0.9131942	0.00075418
16w_SITTD12_TGTGATGGTCTTGCGG-1-10x	0.09973841	0.30504265	0.0041652
16w_SITTD12_TGTGATGGTGGCTTAT-1-10x	0.02915555	0.05372945	4.42E-05
16w_SITTD12_TGTGCGGAGGGAGTGG-1-10x	0.17424858	0.57033914	0.0015753
16w_SITTD12_TGTGCGGCACGGTCTG-1-10x	0.17346911	0.56756383	0.0015922
16w_SITTD12_TGTGCGGTCGTCCTCA-1-10x	0.1879677	0.6191867	0.0013519
16w_SITTD12_TGTGTGACAACTTGGT-1-10x	0.10309838	0.31700593	0.0038193
16w_SITTD12_TGTTACTCACGGTCTG-1-10x	0.07775725	0.22677779	0.0023954
16w_SITTD12_TGTTACTTCAAACGAA-1-10x	0.03757288	0.08369967	6.07E-05
16w_SITTD12_TGTTCACTCTCGATT-1-10x	0.0241065	0.03575209	3.91E-05
16w_SITTD12_TGTTCTATCCGACAGC-1-10x	0.04613448	0.11418361	0.00010046
16w_SITTD12_TGTTGAGAGGCACTAG-1-10x	0.11589012	0.36255148	0.002594
16w_SITTD12_TGTTGAGGTTGTCATG-1-10x	0.0989605	0.30227286	0.0042345
16w_SITTD12_TGTTGGAAGAGCACTG-1-10x	0.25384098	0.8537312	0.00079608
16w_SITTD12_TGTTGGAGTCCTTAAG-1-10x	0.01761842	0.01265101	3.44E-05
16w_SITTD12_TTAATCCAGTGACCTT-1-10x	0.24399215	0.8186641	0.00084583
16w_SITTD12_TTACAGGAGCTGAAAT-1-10x	0.22400612	0.7475029	0.00098869
16w_SITTD12_TTACAGGAGTGACCT-1-10x	0.229103	0.76565063	0.0009522
16w_SITTD12_TTACAGGCAGATCCAT-1-10x	0.09961662	0.304609	0.0041652
16w_SITTD12_TTACAGGGTCTAGGTT-1-10x	0.24108103	0.8082989	0.00086374
16w_SITTD12_TTACCATAGGTTCTTG-1-10x	0.23382957	0.78247976	0.00091657
16w_SITTD12_TTACCATTGTCAAAC-1-10x	0.27918753	0.94397867	0.00075266
16w_SITTD12_TTACGCCATTGACCA-1-10x	0.18656148	0.6141798	0.0013662
16w_SITTD12_TTACTGTAGATTGTGA-1-10x	0.26358578	0.888428	0.00076313
16w_SITTD12_TTAGGGTAGCTAGCCC-1-10x	0.04541765	0.11163131	9.39E-05
16w_SITTD12_TTAGGGTGTGCCTTTC-1-10x	0.06650224	0.18670389	0.00079936
16w_SITTD12_TTAGGGTTCATTGTTTC-1-10x	0.19672751	0.6503764	0.00124
16w_SITTD12_TTAGTCTAGAGCCTGA-1-10x	0.03190542	0.06352048	4.83E-05
16w_SITTD12_TTAGTCTAGAGCTTTC-1-10x	0.2328159	0.7788706	0.00092358
16w_SITTD12_TTAGTCTAGCGAAACC-1-10x	0.02193721	0.02802823	3.69E-05
16w_SITTD12_TTCAATCTCACAACCA-1-10x	0.07347005	0.21151306	0.0015819
16w_SITTD12_TTCACGCAGGTAAGTT-1-10x	0.27196082	0.9182477	0.000753
16w_SITTD12_TTCACGCTCTGTGCAA-1-10x	0.27592862	0.9323752	0.00075214
16w_SITTD12_TTCAGGAGTTCAGTAC-1-10x	0.04564103	0.11242666	0.00010046
16w_SITTD12_TTCATGTGTCGTTGCG-1-10x	0.08158737	0.2404151	0.0031253

16w_SITTD12_TTCATTGAGTAGACCG-1-10x	0.01953046	0.01945891	3.55E-05
16w_SITTD12_TTCATTGTCAGTGGGA-1-10x	0.02046517	0.02278698	3.62E-05
16w_SITTD12_TTCCAATAGGCTGAAC-1-10x	0.04754436	0.11920355	0.00011598
16w_SITTD12_TTCCACGTCGGCAGTC-1-10x	0.22774844	0.76082766	0.00096676
16w_SITTD12_TTCCGTGCAAGAACT-1-10x	0.01750091	0.01223261	3.44E-05
16w_SITTD12_TTCCTAAAGGCACCAA-1-10x	0.24992149	0.8397757	0.00081397
16w_SITTD12_TTCCTAAGTTTGTGGT-1-10x	0.22933973	0.7664935	0.0009522
16w_SITTD12_TTCCTCTTCTCGTAT-1-10x	0.0317882	0.06310311	4.83E-05
16w_SITTD12_TTCCTCCAACACAAA-1-10x	0.06521474	0.18211968	0.00064991
16w_SITTD12_TTCCTTCTCGCCAGAC-1-10x	0.22305816	0.74412775	0.0010033
16w_SITTD12_TTCGCTGCACAGTGTT-1-10x	0.04239939	0.10088467	7.82E-05
16w_SITTD12_TTCGCTGTCTATTTG-1-10x	0.10169518	0.3120098	0.0040036
16w_SITTD12_TTCGCTGTCTCCTGTG-1-10x	0.24413773	0.8191824	0.00084583
16w_SITTD12_TTCTAGTGTTTACTTC-1-10x	0.10067599	0.3083809	0.0040879
16w_SITTD12_TTCTAGTTCTCCGAGG-1-10x	0.11728042	0.36750168	0.002453
16w_SITTD12_TTCTCTCAAGGCTTT-1-10x	0.209788	0.69687873	0.0011095
16w_SITTD12_TTCTGTATCTGTGTGA-1-10x	0.04034431	0.09356746	7.01E-05
16w_SITTD12_TTCTTCCGTCTCCTGT-1-10x	0.07301083	0.20987797	0.0015819
16w_SITTD12_TTCTTGACAGTTCCAA-1-10x	0.05144718	0.13309973	0.00016076
16w_SITTD12_TTCTTGATCATGCCCT-1-10x	0.07709191	0.22440885	0.0022191
16w_SITTD12_TTGAACGAGAACTCCT-1-10x	0.27649334	0.9343859	0.00075214
16w_SITTD12_TTGAACGAGGTCCTGC-1-10x	0.03221021	0.06460568	4.83E-05
16w_SITTD12_TTGAGTGCAAGAGATT-1-10x	0.0397538	0.09146494	6.67E-05
16w_SITTD12_TTGAGTGGTCGTCTCT-1-10x	0.23616482	0.79079455	0.00090278
16w_SITTD12_TTGCGTCTCAGACCCG-1-10x	0.05760471	0.15502387	0.00028394
16w_SITTD12_TTGCTGCAGGAGTATT-1-10x	0.01520377	0.00405355	3.27E-05
16w_SITTD12_TTGCTGCAGTTGAAGT-1-10x	0.07496288	0.21682833	0.001885
16w_SITTD12_TTGGGTAAGATGAACT-1-10x	0.25712344	0.86541855	0.00078121
16w_SITTD12_TTGGTTTTCTTTGCAT-1-10x	0.09226626	0.27843773	0.0043903
16w_SITTD12_TTGTGTTGTGCCAGT-1-10x	0.26639393	0.89842653	0.00075831
16w_SITTD12_TTGTGTTGTTGGTACT-1-10x	0.02803314	0.04973305	4.30E-05
16w_SITTD12_TTGTTCATCCGTTTCG-1-10x	0.08044137	0.23633473	0.0029431
16w_SITTD12_TTGTGTGTCAGTCTACA-1-10x	0.08302797	0.24554443	0.0033032
16w_SITTD12_TTGTGTGTCGCGGTT-1-10x	0.01707387	0.01071209	3.38E-05
16w_SITTD12_TTGTGTTCTCCGCAT-1-10x	0.18580851	0.6114988	0.0013809
16w_SITTD12_TTTACCAAGTATGGCG-1-10x	0.0151042	0.00369901	3.27E-05
16w_SITTD12_TTTACCACACGGCACT-1-10x	0.26194534	0.88258713	0.00076727
16w_SITTD12_TTTACCAGTTCCATTT-1-10x	0.02748628	0.04778593	4.19E-05
16w_SITTD12_TTTACCATCCCGGTAG-1-10x	0.07542837	0.21848573	0.001885
16w_SITTD12_TTTACGTCACGTACAT-1-10x	0.17835438	0.5849581	0.0015081
16w_SITTD12_TTTACGTCCTCCGAG-1-10x	0.19994321	0.661826	0.0011985

16w_SITTD12_TTTACGTGTTGCGGAA-1-10x	0.2432551	0.81603974	0.00085167
16w_SITTD12_TTTACTGCATGGGAAC-1-10x	0.19059737	0.6285497	0.0013113
16w_SITTD12_TTTACTGGTCCAGCCA-1-10x	0.25794768	0.8683533	0.000778
16w_SITTD12_TTTAGTCGTAGGATAT-1-10x	0.04831287	0.12193987	0.00011598
16w_SITTD12_TTTCATGAGGCAGCTA-1-10x	0.2629141	0.8860364	0.00076511
16w_SITTD12_TTTCCTCGTCCGTACG-1-10x	0.0871098	0.26007795	0.0040384
16w_SITTD12_TTTCGATAGATGAAGG-1-10x	0.0166074	0.00905123	3.38E-05
16w_SITTD12_TTTCGATGTCTCCTGT-1-10x	0.05022302	0.12874106	0.00013566
16w_SITTD12_TTTGACTGTTGTCCCT-1-10x	0.01875979	0.01671489	3.49E-05
16w_SITTD12_TTTGGTTCAAGTGTCT-1-10x	0.05359072	0.14073187	0.00019264
16w_SITTD12_TTTGTTGCATCACCAA-1-10x	0.02955724	0.05515965	4.42E-05
16w_SITTE12_AAACCCACAGTATACC-1-10x	0.24658686	0.8279026	0.0008292
16w_SITTE12_AAACCCACAGTTTCGA-1-10x	0.03898839	0.08873968	6.67E-05
16w_SITTE12_AAACCCAGTCTACGTA-1-10x	0.16557966	0.5394731	0.0017353
16w_SITTE12_AAACCCAGTCTGGTTA-1-10x	0.04157868	0.09796251	7.40E-05
16w_SITTE12_AAACCCAGTTTCGGCG-1-10x	0.24394435	0.81849384	0.00084583
16w_SITTE12_AAACGAAGTGGTAATA-1-10x	0.01780622	0.01331965	3.44E-05
16w_SITTE12_AAACGCTTCGCGTCGA-1-10x	0.06651648	0.1867546	0.00079936
16w_SITTE12_AAAGAACAGAATTCAG-1-10x	0.08258775	0.243977	0.0033032
16w_SITTE12_AAAGAACCAGAGATGC-1-10x	0.08745766	0.26131654	0.0040384
16w_SITTE12_AAAGAACCATTACTCT-1-10x	0.05016498	0.12853438	0.00013566
16w_SITTE12_AAAGAACTCCCGGTAG-1-10x	0.04494105	0.10993436	9.39E-05
16w_SITTE12_AAAGGTACATCCGTGG-1-10x	0.0519145	0.13476364	0.00016076
16w_SITTE12_AAAGGTATCGATACAC-1-10x	0.04606968	0.11395289	0.00010046
16w_SITTE12_AAAGTCCCAGCATCTA-1-10x	0.20225517	0.67005783	0.0011792
16w_SITTE12_AAAGTGATCCCAGGCA-1-10x	0.06784824	0.19149639	0.00088537
16w_SITTE12_AAATGGAAGATGATTG-1-10x	0.10447242	0.32189828	0.0037215
16w_SITTE12_AAATGGATCCAAGTGA-1-10x	0.24983145	0.8394551	0.00081397
16w_SITTE12_AAATGGATCGCCAGTG-1-10x	0.06703053	0.1885849	0.00079936
16w_SITTE12_AAATGGATCGTAGAGG-1-10x	0.04153335	0.09780111	7.40E-05
16w_SITTE12_AACAAAGAGTCATAGA-1-10x	0.12305863	0.38807526	0.0021479
16w_SITTE12_AACAAAGGTTAAGGGC-1-10x	0.20559183	0.6819381	0.001143
16w_SITTE12_AACAAGAAGGACGCTA-1-10x	0.16531701	0.538538	0.0017353
16w_SITTE12_AACAAGATCTCCTGTG-1-10x	0.164074	0.53411216	0.0017494
16w_SITTE12_AACACACAGCTAGTTC-1-10x	0.14068678	0.450841	0.0018734
16w_SITTE12_AACACACGTACAGGTG-1-10x	0.10446896	0.32188594	0.0037215
16w_SITTE12_AACACACGTGCAATGG-1-10x	0.2810116	0.95047337	0.00075348
16w_SITTE12_AACAGGGGTGTAGCAG-1-10x	0.03330264	0.0684953	5.00E-05
16w_SITTE12_AACAGGGGTTGAAGTA-1-10x	0.04928403	0.12539771	0.00012523
16w_SITTE12_AACAGGGTACGATAC-1-10x	0.25054815	0.842007	0.00080923
16w_SITTE12_AACCACACATAGAATG-1-10x	0.05027552	0.12892798	0.00014746

16w_SITTE12_AACCATGCATGCACTA-1-10x	0.2453013	0.82332534	0.00084014
16w_SITTE12_AACCATGGTCTACATG-1-10x	0.08628903	0.25715557	0.0039187
16w_SITTE12_AACCCAATCTTGGAAC-1-10x	0.10244016	0.31466234	0.0039137
16w_SITTE12_AACCTGAGTACCGCGT-1-10x	0.22670442	0.75711036	0.00097406
16w_SITTE12_AACCTTTAGCGTCAGA-1-10x	0.19215794	0.6341062	0.0012861
16w_SITTE12_AACCTTTGTCTGTAAC-1-10x	0.05823289	0.15726052	0.00031414
16w_SITTE12_AACCTTTTCCATCCGT-1-10x	0.04481485	0.10948502	9.39E-05
16w_SITTE12_AACGAAAGTGTATTGC-1-10x	0.17679514	0.5794063	0.0015416
16w_SITTE12_AACGGGAAGGCATCGA-1-10x	0.24410573	0.81906843	0.00084583
16w_SITTE12_AACGTCAAGCTGTTCA-1-10x	0.0507669	0.13067754	0.00014746
16w_SITTE12_AACGTCAGTAGTCTGT-1-10x	0.22457573	0.7495311	0.00098869
16w_SITTE12_AACTTCTCAATCTCGA-1-10x	0.05354895	0.14058316	0.00019264
16w_SITTE12_AACTTCTTCAGGGTAG-1-10x	0.20083804	0.66501206	0.0011888
16w_SITTE12_AACTTCTTCGAGTTA-1-10x	0.01516947	0.0039314	3.27E-05
16w_SITTE12_AACTTCTTCGTGGACC-1-10x	0.0225916	0.03035823	3.76E-05
16w_SITTE12_AAGACAAGTAGAATAC-1-10x	0.1444112	0.464102	0.0018716
16w_SITTE12_AAGACTCAGCTAGAAT-1-10x	0.13654803	0.4361048	0.0018891
16w_SITTE12_AAGACTCGTATGAAGT-1-10x	0.08855497	0.26522353	0.0041422
16w_SITTE12_AAGACTCTCGTAGCCG-1-10x	0.09194107	0.27727988	0.0043903
16w_SITTE12_AAGATAGCACGGTGTC-1-10x	0.05873541	0.15904976	0.00034795
16w_SITTE12_AAGATAGTCAAAGAAC-1-10x	0.01546748	0.00499247	3.27E-05
16w_SITTE12_AAGATAGTCTAGTGAC-1-10x	0.01758988	0.01254938	3.44E-05
16w_SITTE12_AAGCATCAGGGATCGT-1-10x	0.08565314	0.25489146	0.0037839
16w_SITTE12_AAGCCATAGGTTGACG-1-10x	0.10761366	0.3330828	0.0033168
16w_SITTE12_AAGCGAGAGAATAACC-1-10x	0.11548654	0.3611145	0.002594
16w_SITTE12_AAGCGAGTCTGTGTGA-1-10x	0.03996229	0.09220729	7.01E-05
16w_SITTE12_AAGCGTTGTTGGGTAG-1-10x	0.02424686	0.03625185	3.91E-05
16w_SITTE12_AAGCGTTTCAGCTTGA-1-10x	0.07461434	0.21558735	0.0017292
16w_SITTE12_AAGCGTTTCCTCACGT-1-10x	0.24799761	0.8329257	0.00082396
16w_SITTE12_AAGGAATTCCGTTTCG-1-10x	0.1041571	0.32077557	0.0037215
16w_SITTE12_AAGGTAAGTATCTCTT-1-10x	0.07509059	0.21728306	0.001885
16w_SITTE12_AAGTACCAGGAAAGAC-1-10x	0.02701686	0.04611453	4.19E-05
16w_SITTE12_AAGTACCCAGGTGACA-1-10x	0.08354131	0.2473722	0.0034742
16w_SITTE12_AAGTACCCATGGCACC-1-10x	0.10420559	0.3209482	0.0037215
16w_SITTE12_AAGTCGTGTCGTGTTA-1-10x	0.01901409	0.01762034	3.49E-05
16w_SITTE12_AAGTGAAAGGTGCCTC-1-10x	0.08476491	0.25172883	0.0036353
16w_SITTE12_AAGTGAACAGGTGACA-1-10x	0.01506353	0.00355421	3.27E-05
16w_SITTE12_AAGTGAATCGAACCTA-1-10x	0.01955102	0.01953212	3.55E-05
16w_SITTE12_AATCACGCAGATAAAC-1-10x	0.14563678	0.46846572	0.0018716
16w_SITTE12_AATCGACCAGTCTACA-1-10x	0.0426111	0.1016385	7.82E-05
16w_SITTE12_AATCGACTCGGTGCAC-1-10x	0.03898471	0.08872657	6.67E-05

16w_SITTE12_AATCGTGCACTACCCT-1-10x	0.22364227	0.7462075	0.00099599
16w_SITTE12_AATCGTGCACTGGGTA-1-10x	0.02452829	0.03725388	3.91E-05
16w_SITTE12_AATCGTGGTTAAGGAT-1-10x	0.03328253	0.06842373	5.00E-05
16w_SITTE12_AATGAAGAGGTCCGAA-1-10x	0.02421276	0.03613042	3.91E-05
16w_SITTE12_AATGAAGCATGCAGGA-1-10x	0.27529576	0.9301219	0.00075218
16w_SITTE12_AATGAAGGTATATGGA-1-10x	0.061831	0.17007175	0.00047505
16w_SITTE12_AATGAAGGTCCGGCAT-1-10x	0.16768496	0.5469691	0.0016902
16w_SITTE12_AATGAAGTCGCGTTTC-1-10x	0.1814596	0.5960143	0.0014587
16w_SITTE12_AATGACCTCAGGAACG-1-10x	0.23557906	0.78870887	0.00090278
16w_SITTE12_AATGACCTCTAAGCCA-1-10x	0.04362144	0.10523584	8.29E-05
16w_SITTE12_AATGCCATCTCTTGCG-1-10x	0.08563905	0.2548413	0.0037839
16w_SITTE12_AATGGAAAGGGAGATA-1-10x	0.01922477	0.01837046	3.49E-05
16w_SITTE12_AATGGAACATAGGAGC-1-10x	0.20758551	0.6890367	0.001126
16w_SITTE12_AATGGCTTCACTAGCA-1-10x	0.26819196	0.9048285	0.00075594
16w_SITTE12_AATGGCTTCTGGACTA-1-10x	0.10431985	0.32135504	0.0037215
16w_SITTE12_AATTCCTAGAGTAACT-1-10x	0.03203569	0.06398431	4.83E-05
16w_SITTE12_AATTCCTGTTGCGAAG-1-10x	0.2544045	0.8557376	0.00079207
16w_SITTE12_AATTCCTCCACAGCG-1-10x	0.03683749	0.08108131	5.82E-05
16w_SITTE12_AATTCCTTCGATACGT-1-10x	0.22261605	0.74255353	0.0010033
16w_SITTE12_ACAAAGACACAAACGG-1-10x	0.19212455	0.6339873	0.0012861
16w_SITTE12_ACAAAGACACGAGGAT-1-10x	0.1680715	0.5483454	0.0016902
16w_SITTE12_ACAAAGATCAGCGGAA-1-10x	0.26763165	0.90283346	0.00075705
16w_SITTE12_ACAAGCTGTAGTAAGT-1-10x	0.26880515	0.90701175	0.00075594
16w_SITTE12_ACACCAACACCTCTGT-1-10x	0.06875841	0.19473706	0.00097948
16w_SITTE12_ACACCAAGTTGCATGT-1-10x	0.28907537	0.97918475	0.0007606
16w_SITTE12_ACACTGACAAACCACT-1-10x	0.04744243	0.11884061	0.00011598
16w_SITTE12_ACACTGAGTAGAATAC-1-10x	0.05327202	0.13959712	0.00019264
16w_SITTE12_ACACTGAGTCTTGCGG-1-10x	0.11613564	0.36342567	0.0025211
16w_SITTE12_ACAGAAAAGACATGCG-1-10x	0.11575698	0.36207741	0.002594
16w_SITTE12_ACAGGGACAAGACGGT-1-10x	0.04473606	0.10920449	9.39E-05
16w_SITTE12_ACAGGGATCATTGCGA-1-10x	0.08228282	0.24289128	0.0033032
16w_SITTE12_ACATCCCAGACATCAA-1-10x	0.11677952	0.36571822	0.0025211
16w_SITTE12_ACATCCCGTGACAGCA-1-10x	0.1846653	0.6074284	0.0013959
16w_SITTE12_ACATCGAAGAGCTGCA-1-10x	0.21089824	0.7008318	0.0010934
16w_SITTE12_ACATCGAAGGATCACG-1-10x	0.04730252	0.11834248	0.00010777
16w_SITTE12_ACATCGAGTACAGAGC-1-10x	0.13696086	0.43757474	0.0018842
16w_SITTE12_ACATGCATCTAGACAC-1-10x	0.10054734	0.30792284	0.0040879
16w_SITTE12_ACATGCATCTGATTCT-1-10x	0.20284124	0.67214453	0.0011699
16w_SITTE12_ACATGCATCTTTGCAT-1-10x	0.04731109	0.11837301	0.00010777
16w_SITTE12_ACCAACACACGGAAGT-1-10x	0.06179005	0.16992593	0.00047505
16w_SITTE12_ACCACAAAGTGATGGC-1-10x	0.07723617	0.22492248	0.0022191

16w_SITTE12_ACCACAACATCCCGTT-1-10x	0.25394574	0.8541042	0.00079608
16w_SITTE12_ACCACAAGTCGAATTC-1-10x	0.03711196	0.08205855	6.07E-05
16w_SITTE12_ACCATTTAGCACGATG-1-10x	0.04184459	0.09890928	7.82E-05
16w_SITTE12_ACCATTTAGGACTAAT-1-10x	0.11158192	0.34721196	0.002929
16w_SITTE12_ACCCAAACACTCATAG-1-10x	0.2776172	0.9383874	0.00075239
16w_SITTE12_ACCCAAAGTCAAGCCC-1-10x	0.19715732	0.6519067	0.0012292
16w_SITTE12_ACCCAAATCATGGCCG-1-10x	0.08854153	0.26517567	0.0041422
16w_SITTE12_ACCCTCACACCAGTTA-1-10x	0.27730295	0.93726856	0.00075222
16w_SITTE12_ACCCTTGGTGTTCATG-1-10x	0.02096375	0.02456218	3.62E-05
16w_SITTE12_ACCCTTGTCTTGCAGA-1-10x	0.2429488	0.81494915	0.00085167
16w_SITTE12_ACCGTTCCATTACGGT-1-10x	0.06827565	0.19301817	0.00097948
16w_SITTE12_ACCTACCCAGAGGGTT-1-10x	0.24434179	0.819909	0.00084583
16w_SITTE12_ACCTACCTCCCTATTA-1-10x	0.06935897	0.19687538	0.0010821
16w_SITTE12_ACCTGAACAGCTTTCC-1-10x	0.0166112	0.00906475	3.38E-05
16w_SITTE12_ACCTGAAGTTGTAGCT-1-10x	0.15980682	0.5189187	0.0018109
16w_SITTE12_ACCTGAATCCAAGTAG-1-10x	0.0395409	0.09070692	6.67E-05
16w_SITTE12_ACCTGTCAGAAGCTGC-1-10x	0.13815059	0.4418108	0.0018802
16w_SITTE12_ACCTGTCGTATGCTAC-1-10x	0.04023957	0.09319456	7.01E-05
16w_SITTE12_ACCTGTCTCCCTCGAT-1-10x	0.04742935	0.11879407	0.00011598
16w_SITTE12_ACGATCAAGTAGCAAT-1-10x	0.27359533	0.92406744	0.0007526
16w_SITTE12_ACGATGTCACTGCTTC-1-10x	0.11243697	0.35025638	0.0028393
16w_SITTE12_ACGATGTCAAGACCTGC-1-10x	0.04601483	0.11375759	0.00010046
16w_SITTE12_ACGCACGAGAGATGCC-1-10x	0.08455811	0.25099257	0.0036353
16w_SITTE12_ACGCACGCAATCGTCA-1-10x	0.280731	0.9494742	0.00075348
16w_SITTE12_ACGCACGTCAAACCCA-1-10x	0.099318	0.30354574	0.0041652
16w_SITTE12_ACGGAAGTTCATCTT-1-10x	0.05597725	0.14922923	0.000257
16w_SITTE12_ACGGGTCCATCACAGT-1-10x	0.26979998	0.9105539	0.00075499
16w_SITTE12_ACGGTGCGAGCATCAGG-1-10x	0.09208296	0.2777851	0.0043903
16w_SITTE12_ACGGTTAGTGCTCTCT-1-10x	0.02349389	0.03357086	3.83E-05
16w_SITTE12_ACGTAACCACCCAACG-1-10x	0.08379091	0.24826089	0.0034742
16w_SITTE12_ACGTAACCACCTATCC-1-10x	0.01785878	0.01350682	3.44E-05
16w_SITTE12_ACGTACAAGCCTTTGA-1-10x	0.09325446	0.2819563	0.0044107
16w_SITTE12_ACGTACATCAAACGAA-1-10x	0.02301719	0.03187355	3.83E-05
16w_SITTE12_ACGTACATCCGAGCTG-1-10x	0.05561674	0.14794563	0.000233
16w_SITTE12_ACGTAGTTCGCCAGTG-1-10x	0.11478229	0.358607	0.0026715
16w_SITTE12_ACGTCCTCAAGTCCAT-1-10x	0.26997223	0.9111672	0.00075499
16w_SITTE12_ACGTTCAGCCTAGGA-1-10x	0.20405775	0.676476	0.0011608
16w_SITTE12_ACGTTCCTACTCGATA-1-10x	0.26615158	0.89756364	0.00075974
16w_SITTE12_ACGTTCCTACTGTGAT-1-10x	0.08557705	0.25462052	0.0037839
16w_SITTE12_ACGTTCCTGTTATGACC-1-10x	0.25968528	0.8745401	0.00077499
16w_SITTE12_ACGTTCCTCGAGCTGC-1-10x	0.25211525	0.8475867	0.00080467

16w_SITTE12_ACTATCTAGCGTGAA-1-10x	0.03962341	0.09100068	6.67E-05
16w_SITTE12_ACTATCTCACTATCCC-1-10x	0.16442671	0.535368	0.0017494
16w_SITTE12_ACTATCTGTGTTATCG-1-10x	0.04652705	0.1155814	0.00010777
16w_SITTE12_ACTATTCGTCAGTCTA-1-10x	0.02881462	0.05251554	4.42E-05
16w_SITTE12_ACTATTCGTTTCGCTC-1-10x	0.19522321	0.64502025	0.0012511
16w_SITTE12_ACTCCCAGTCAGACTT-1-10x	0.08358415	0.24752471	0.0034742
16w_SITTE12_ACTCTCGAGGTGCTAG-1-10x	0.17387764	0.5690184	0.0015922
16w_SITTE12_ACTCTCGAGTATTAGG-1-10x	0.11100797	0.34516838	0.0030221
16w_SITTE12_ACTCTCGGTGGTCTAT-1-10x	0.0976809	0.2977168	0.0042943
16w_SITTE12_ACTCTCGTCGTACCTC-1-10x	0.03501033	0.07457564	5.37E-05
16w_SITTE12_ACTGATGCAGAGCGTA-1-10x	0.22024474	0.7341104	0.0010253
16w_SITTE12_ACTGCAACAACCCGCA-1-10x	0.17518945	0.57368916	0.0015585
16w_SITTE12_ACTGCAACAGATCCAT-1-10x	0.04426416	0.10752425	8.81E-05
16w_SITTE12_ACTGCAACATTGCCGG-1-10x	0.05522562	0.14655302	0.000233
16w_SITTE12_ACTGCAAGTACCTAGT-1-10x	0.0833413	0.24666005	0.0034742
16w_SITTE12_ACTGTCCAGGATACGC-1-10x	0.20065936	0.66437584	0.0011888
16w_SITTE12_ACTGTCCTCCTTATAC-1-10x	0.02424467	0.03624402	3.91E-05
16w_SITTE12_ACTGTGAAGTATGATG-1-10x	0.08760046	0.26182497	0.0040384
16w_SITTE12_ACTGTGACATCGCTGG-1-10x	0.01812981	0.01447182	3.44E-05
16w_SITTE12_ACTTAGGAGCTCGACC-1-10x	0.15762542	0.51115173	0.0018302
16w_SITTE12_ACTTAGGCAGACGATG-1-10x	0.08164428	0.24061774	0.0031253
16w_SITTE12_ACTTATCTCGTCCTTG-1-10x	0.07602733	0.22061835	0.0020486
16w_SITTE12_ACTTATCTCGTTCGCT-1-10x	0.24722451	0.830173	0.0008292
16w_SITTE12_ACTTCCGAGGTACTGG-1-10x	0.04868379	0.12326053	0.00012523
16w_SITTE12_ACTTCCGTCAAGGAC-1-10x	0.22796343	0.76159316	0.00095947
16w_SITTE12_ACTTCGCAGTATGTAG-1-10x	0.09541121	0.28963548	0.0043808
16w_SITTE12_ACTTCGCCAATGTCAC-1-10x	0.07903967	0.23134391	0.002576
16w_SITTE12_ACTTTGTCAAGCGAAC-1-10x	0.19186808	0.63307416	0.0012985
16w_SITTE12_ACTTTGTGTTGGTAGG-1-10x	0.08448115	0.25071853	0.0036353
16w_SITTE12_AGAAATGAGCCGTTGC-1-10x	0.23075925	0.77154773	0.00093779
16w_SITTE12_AGAAATGCAATTGTGC-1-10x	0.08664741	0.25843158	0.0039187
16w_SITTE12_AGAAATGCACAACGCC-1-10x	0.16424711	0.5347285	0.0017494
16w_SITTE12_AGAACAAGTGATACAA-1-10x	0.0514595	0.13314356	0.00016076
16w_SITTE12_AGAACCTGTCTCGACG-1-10x	0.049785	0.12718146	0.00013566
16w_SITTE12_AGAACCTTCGAGTCCG-1-10x	0.2741654	0.92609715	0.00075233
16w_SITTE12_AGAAGTAGTATTGACC-1-10x	0.05932573	0.1611516	0.00034795
16w_SITTE12_AGAAGTATCCGGGACT-1-10x	0.02206189	0.02847215	3.76E-05
16w_SITTE12_AGACAAAAGGGAGTTC-1-10x	0.2844478	0.96270806	0.00075605
16w_SITTE12_AGACAAACATGGAACG-1-10x	0.16574736	0.54007024	0.0017353
16w_SITTE12_AGACAAATCCGGTTCT-1-10x	0.08026691	0.23571354	0.0027593
16w_SITTE12_AGACCATGTGAGTTGG-1-10x	0.09094172	0.27372167	0.0043535

16w_SITTE12_AGACCCGCACAGTCAT-1-10x	0.28908095	0.9792046	0.0007606
16w_SITTE12_AGACTCATCTCAGGG-1-10x	0.19625421	0.6486911	0.00124
16w_SITTE12_AGACTCATCTCATAGG-1-10x	0.19193065	0.6332969	0.0012985
16w_SITTE12_AGACTCATCTGTGCTC-1-10x	0.09117603	0.27455592	0.0043535
16w_SITTE12_AGAGAATAGACCATGG-1-10x	0.08275222	0.24456261	0.0033032
16w_SITTE12_AGAGAATGTACTCAAC-1-10x	0.07179294	0.20554164	0.0013138
16w_SITTE12_AGAGAGCAGTTGCGCC-1-10x	0.01873753	0.01663565	3.49E-05
16w_SITTE12_AGAGCAGGTGTTAGCT-1-10x	0.2829135	0.9572452	0.00075462
16w_SITTE12_AGAGCAGTCCTCTAGC-1-10x	0.09315767	0.28161165	0.0044107
16w_SITTE12_AGAGCCCAGCAGTAAT-1-10x	0.04614823	0.11423256	0.00010046
16w_SITTE12_AGAGCCCAGCCACCGT-1-10x	0.11566453	0.36174825	0.002594
16w_SITTE12_AGATAGACATCGTCCT-1-10x	0.08236049	0.24316783	0.0033032
16w_SITTE12_AGATAGAGTCCTACAA-1-10x	0.15166439	0.48992726	0.0018676
16w_SITTE12_AGATCCACACCCATAA-1-10x	0.04859775	0.1229542	0.00012523
16w_SITTE12_AGATCCATCTAATTCC-1-10x	0.03882461	0.08815654	6.36E-05
16w_SITTE12_AGATCGTAGGAACGAA-1-10x	0.17699914	0.58013266	0.0015416
16w_SITTE12_AGATCGTTCCAAGTGA-1-10x	0.02329109	0.03284879	3.83E-05
16w_SITTE12_AGATGAAGTACACGTT-1-10x	0.08234986	0.24312998	0.0033032
16w_SITTE12_AGATGCTCACCAAATC-1-10x	0.08491851	0.25227576	0.0036353
16w_SITTE12_AGATGCTTCTGATGGT-1-10x	0.12961803	0.41143027	0.0019639
16w_SITTE12_AGCATCAAGTATGACA-1-10x	0.22961238	0.7674643	0.0009522
16w_SITTE12_AGCCAATCAGAACTCT-1-10x	0.08372772	0.24803591	0.0034742
16w_SITTE12_AGCCAATGTTGTGTTG-1-10x	0.08146789	0.23998968	0.0031253
16w_SITTE12_AGCCAATTCTGGACCG-1-10x	0.12238435	0.38567445	0.0021873
16w_SITTE12_AGCCACGGTATTTCCGG-1-10x	0.03506123	0.07475684	5.37E-05
16w_SITTE12_AGCCAGCTCCACGTA-1-10x	0.222683	0.74279195	0.0010033
16w_SITTE12_AGCGCCACAGAGGACT-1-10x	0.08174391	0.24097247	0.0031253
16w_SITTE12_AGCGCCATCCAGCACG-1-10x	0.05275671	0.13776235	0.00017575
16w_SITTE12_AGCGCTGAGATTGCGG-1-10x	0.2741965	0.9262079	0.00075233
16w_SITTE12_AGCGCTGAGGAATTAC-1-10x	0.08238788	0.24326536	0.0033032
16w_SITTE12_AGCGTATAGTAACCTC-1-10x	0.27852336	0.94161385	0.00075266
16w_SITTE12_AGCTACACAGTCGTTA-1-10x	0.09258516	0.2795732	0.0044107
16w_SITTE12_AGCTACAGTAGCTTAC-1-10x	0.16057363	0.52164894	0.0018
16w_SITTE12_AGCTACAGTAGGGTAC-1-10x	0.05185642	0.13455684	0.00016076
16w_SITTE12_AGCTCAACAGCGAACA-1-10x	0.02284178	0.03124899	3.76E-05
16w_SITTE12_AGCTCAAGTGGTCTAT-1-10x	0.18441993	0.6065547	0.0014112
16w_SITTE12_AGCTCAATCGTACACA-1-10x	0.01580697	0.00620127	3.33E-05
16w_SITTE12_AGCTTCCAGAGCGACT-1-10x	0.09519384	0.2888615	0.0044051
16w_SITTE12_AGCTTCCGTTCGAACT-1-10x	0.04874751	0.12348741	0.00012523
16w_SITTE12_AGCTTCCCTCACCTCTG-1-10x	0.0455703	0.11217482	0.00010046
16w_SITTE12_AGGAAATAGAGGCCAT-1-10x	0.03622843	0.07891273	5.82E-05

16w_SITTE12_AGGAATAAGAATCCCT-1-10x	0.06410264	0.17816	0.00058553
16w_SITTE12_AGGAATATCCGAACGC-1-10x	0.05200417	0.13508289	0.00016076
16w_SITTE12_AGGACGATCCACCCTA-1-10x	0.0216745	0.02709283	3.69E-05
16w_SITTE12_AGGAGGTAGTCGAAGC-1-10x	0.05145014	0.13311024	0.00016076
16w_SITTE12_AGGAGGTTCGTAACCA-1-10x	0.24403822	0.8188281	0.00084583
16w_SITTE12_AGGATAAAGTATGAAC-1-10x	0.04736964	0.11858147	0.00010777
16w_SITTE12_AGGATAAGTCTCACAA-1-10x	0.13988899	0.44800043	0.001875
16w_SITTE12_AGGATCTAGAAGTCAT-1-10x	0.12359196	0.3899742	0.0021124
16w_SITTE12_AGGATCTCAAATGATG-1-10x	0.02021164	0.02188426	3.62E-05
16w_SITTE12_AGGATCTCATGCTGCG-1-10x	0.11819173	0.37074643	0.0023898
16w_SITTE12_AGGATCTTCTGGCTGG-1-10x	0.0744764	0.2150962	0.0017292
16w_SITTE12_AGGCATTTCAGATCATC-1-10x	0.24739987	0.8307974	0.0008292
16w_SITTE12_AGGCATTTCATGGG-1-10x	0.26235098	0.8840314	0.00076727
16w_SITTE12_AGGCCACAGTGTTTAC-1-10x	0.06010113	0.16391245	0.00038577
16w_SITTE12_AGGCTGCGTAGGTGCA-1-10x	0.0246158	0.03756548	3.91E-05
16w_SITTE12_AGGGAGTAGAGTGAAG-1-10x	0.02489753	0.03856857	4.00E-05
16w_SITTE12_AGGGAGTCACGAAGAC-1-10x	0.05542192	0.14725193	0.000233
16w_SITTE12_AGGGAGTCAGTACTAC-1-10x	0.24111544	0.8084214	0.00086374
16w_SITTE12_AGGGAGTTTCAACGCC-1-10x	0.28786093	0.97486067	0.00075864
16w_SITTE12_AGGGCCTCACACGGTC-1-10x	0.26819888	0.9048531	0.00075594
16w_SITTE12_AGGGCTCAGCGCCATC-1-10x	0.02732512	0.0472121	4.19E-05
16w_SITTE12_AGGGCTCTCACATTGG-1-10x	0.08513806	0.25305748	0.0037839
16w_SITTE12_AGGGTCCAGAAGCTGC-1-10x	0.02506399	0.03916127	4.00E-05
16w_SITTE12_AGGGTCCCATCATTTT-1-10x	0.07783424	0.22705193	0.0023954
16w_SITTE12_AGGGTGACAGGAGGAG-1-10x	0.26250193	0.88456887	0.00076727
16w_SITTE12_AGGGTGATCTCTTGCG-1-10x	0.25278416	0.8499684	0.00080028
16w_SITTE12_AGGGTTTAGACTCATC-1-10x	0.15590987	0.50504345	0.0018459
16w_SITTE12_AGGGTTTAGGCCTGCT-1-10x	0.03096221	0.06016211	4.68E-05
16w_SITTE12_AGGGTTTACCTGAAT-1-10x	0.22508058	0.75132865	0.00098137
16w_SITTE12_AGGGTTTTCGGAGATG-1-10x	0.254035	0.85442203	0.00079608
16w_SITTE12_AGGTCTATCGCCTCTA-1-10x	0.29201093	0.98963696	0.00076378
16w_SITTE12_AGGTCTATCTCATTGT-1-10x	0.1045491	0.32217127	0.0037215
16w_SITTE12_AGGTGTTAGCCAGACA-1-10x	0.06822046	0.19282168	0.00097948
16w_SITTE12_AGGTGTTAGGCAGCTA-1-10x	0.2760221	0.932708	0.00075214
16w_SITTE12_AGGTGTTTCATACAGCT-1-10x	0.27462882	0.9277472	0.00075233
16w_SITTE12_AGGTGTTGTCCAGGTC-1-10x	0.04250081	0.10124577	7.82E-05
16w_SITTE12_AGGTGTTGTGCCGCA-1-10x	0.01731678	0.01157698	3.38E-05
16w_SITTE12_AGGTTGTGTGTTTCTT-1-10x	0.09575114	0.2908458	0.0043808
16w_SITTE12_AGTAACCGTGTCTAAC-1-10x	0.05189005	0.13467656	0.00016076
16w_SITTE12_AGTACCAAGCATCAGG-1-10x	0.07553455	0.21886382	0.001885
16w_SITTE12_AGTACCACAAGAGTGC-1-10x	0.027336	0.04725085	4.19E-05

16w_SITTE12_AGTACCATCCCGAATA-1-10x	0.09085698	0.27341992	0.0043535
16w_SITTE12_AGTACTGAGGTGAGAA-1-10x	0.04225629	0.10037516	7.82E-05
16w_SITTE12_AGTACTGGTCGGCCTA-1-10x	0.1909304	0.62973547	0.0013113
16w_SITTE12_AGTAGCTAGAAGCTCG-1-10x	0.15803625	0.5126145	0.0018302
16w_SITTE12_AGTAGTCGTACGTTCA-1-10x	0.09473512	0.2872282	0.0044051
16w_SITTE12_AGTAGTCTCACGACTA-1-10x	0.26511812	0.89388394	0.00076135
16w_SITTE12_AGTAGTCTCTTGTTAC-1-10x	0.08220816	0.24262547	0.0033032
16w_SITTE12_AGTCAACAGCGGTAGT-1-10x	0.01845856	0.01564235	3.49E-05
16w_SITTE12_AGTCAACTCAGCCTTC-1-10x	0.03200634	0.06387979	4.83E-05
16w_SITTE12_AGTCAACTCCGGCTTT-1-10x	0.03051069	0.05855446	4.68E-05
16w_SITTE12_AGTCATGAGCTCCACG-1-10x	0.01982521	0.02050835	3.55E-05
16w_SITTE12_AGTCATGGTAAGATCA-1-10x	0.03330094	0.06848928	5.00E-05
16w_SITTE12_AGTCATGTCCATTGTT-1-10x	0.09649715	0.293502	0.0043435
16w_SITTE12_AGTCTCCTCGATGGAG-1-10x	0.03872343	0.08779626	6.36E-05
16w_SITTE12_AGTGATCCAAACCACT-1-10x	0.0385938	0.08733472	6.36E-05
16w_SITTE12_AGTGATCCACAGCTGC-1-10x	0.04967801	0.1268005	0.00013566
16w_SITTE12_AGTGATCTCCATTCGC-1-10x	0.2139154	0.7115745	0.0010701
16w_SITTE12_AGTGCCGCATGCCATA-1-10x	0.04548097	0.11185679	9.39E-05
16w_SITTE12_AGTGCCGTCATAGGCT-1-10x	0.0766259	0.22274959	0.0022191
16w_SITTE12_AGTGTTGAGAGTCTTC-1-10x	0.14391373	0.4623307	0.0018716
16w_SITTE12_AGTGTTGCATGGACAG-1-10x	0.1011227	0.30997145	0.0040036
16w_SITTE12_AGTTAGCTCTACACAG-1-10x	0.25918433	0.8727564	0.00077499
16w_SITTE12_AGTTCCAGGAAAGAC-1-10x	0.23596334	0.79007715	0.00090278
16w_SITTE12_AGTTCCCTCAAAGAAC-1-10x	0.29233012	0.9907734	0.00076378
16w_SITTE12_AGTTCGAAGCCATATC-1-10x	0.25732028	0.86611944	0.00078121
16w_SITTE12_AGTTCGAAGTGAGGCT-1-10x	0.10783147	0.3338583	0.0033168
16w_SITTE12_AGTTCGACATTACGGT-1-10x	0.23774913	0.79643553	0.00088935
16w_SITTE12_AGTTCGAGTGTTAGCT-1-10x	0.18872796	0.6218936	0.001338
16w_SITTE12_AGTTCGAGTTGTTTGG-1-10x	0.09002437	0.2704554	0.0042999
16w_SITTE12_ATACCGACATATGAAG-1-10x	0.12033946	0.37839353	0.0022788
16w_SITTE12_ATACCTCACACACTA-1-10x	0.05296069	0.13848862	0.00017575
16w_SITTE12_ATAGACCGTAGGAGGG-1-10x	0.02229059	0.02928647	3.76E-05
16w_SITTE12_ATAGACCGTGGGCTTC-1-10x	0.09856413	0.30086154	0.0042345
16w_SITTE12_ATAGACCTCCACTGGG-1-10x	0.01640661	0.00833629	3.33E-05
16w_SITTE12_ATAGAGAGTTACCTTT-1-10x	0.04787677	0.12038712	0.00011598
16w_SITTE12_ATAGGCTGTCACCTTC-1-10x	0.23591419	0.78990215	0.00090278
16w_SITTE12_ATATCCTAGAGTGACC-1-10x	0.0574929	0.15462577	0.00028394
16w_SITTE12_ATATCCTCAGTCTACA-1-10x	0.043434	0.10456844	8.29E-05
16w_SITTE12_ATATCCTTCGAGCTGC-1-10x	0.28804478	0.9755153	0.0007596
16w_SITTE12_ATCACAGCAATCGCCG-1-10x	0.08088055	0.23789845	0.0029431
16w_SITTE12_ATCACGACACCAGTAT-1-10x	0.05535743	0.14702234	0.000233

16w_SITTE12_ATCACGACAGTTAGGG-1-10x	0.02403362	0.03549259	3.91E-05
16w_SITTE12_ATCACGAGTCGGAACA-1-10x	0.02086724	0.02421855	3.62E-05
16w_SITTE12_ATCAGGTAGGGCGAGA-1-10x	0.0343183	0.07211163	5.37E-05
16w_SITTE12_ATCAGGTCAAGCGGAT-1-10x	0.08553771	0.25448045	0.0037839
16w_SITTE12_ATCAGGTCATTCTCTA-1-10x	0.03391506	0.07067586	5.17E-05
16w_SITTE12_ATCAGGTGTGAGCAGT-1-10x	0.03827797	0.08621018	6.36E-05
16w_SITTE12_ATCATTCCAGGCATGA-1-10x	0.08706269	0.25991023	0.0040384
16w_SITTE12_ATCATTCTCACCTGTC-1-10x	0.09688631	0.29488763	0.0043435
16w_SITTE12_ATCCACCCAGAGGTAC-1-10x	0.17762914	0.5823758	0.0015248
16w_SITTE12_ATCCACCGTAATGATG-1-10x	0.20676391	0.68611133	0.0011344
16w_SITTE12_ATCCATTAGTTCCTGA-1-10x	0.2903228	0.9836263	0.00076163
16w_SITTE12_ATCCATTCACGGCGTT-1-10x	0.07816085	0.22821482	0.0023954
16w_SITTE12_ATCCCTGGTAGGGAGG-1-10x	0.25648236	0.863136	0.00078463
16w_SITTE12_ATCCCTGGTAGTCACT-1-10x	0.10650262	0.3291269	0.00352
16w_SITTE12_ATCCCTGTCATTGCC-1-10x	0.2824714	0.955671	0.00075462
16w_SITTE12_ATCCGTCCAACTGCT-1-10x	0.24885187	0.8359673	0.00081888
16w_SITTE12_ATCCGTCCAACGTATC-1-10x	0.08995178	0.27019694	0.0042999
16w_SITTE12_ATCCGTCTGTTTCGTA-1-10x	0.06386706	0.17732123	0.00058553
16w_SITTE12_ATCGATGTCCGACGGT-1-10x	0.24019341	0.80513847	0.00086997
16w_SITTE12_ATCGCCTGTGAGAGGG-1-10x	0.01612246	0.00732455	3.33E-05
16w_SITTE12_ATCGGATAGCAGTAAT-1-10x	0.08657982	0.25819093	0.0039187
16w_SITTE12_ATCGGCGCAACACACT-1-10x	0.08780494	0.26255304	0.0041422
16w_SITTE12_ATCGGCGTCACGACTA-1-10x	0.05038988	0.12933517	0.00014746
16w_SITTE12_ATCGGCGTCCCGATCT-1-10x	0.21489194	0.71505153	0.0010625
16w_SITTE12_ATCGTAGAGGGCAAGG-1-10x	0.22560115	0.7531821	0.00098137
16w_SITTE12_ATCGTAGAGTACGCC-1-10x	0.15759115	0.5110297	0.0018302
16w_SITTE12_ATCGTAGTCATCCTAT-1-10x	0.23739725	0.79518265	0.00088935
16w_SITTE12_ATCGTAGTCTATACGG-1-10x	0.2668641	0.9001005	0.00075831
16w_SITTE12_ATCGTCCCAAATTGCC-1-10x	0.08250493	0.24368212	0.0033032
16w_SITTE12_ATCGTGAAGCCATCCG-1-10x	0.21543325	0.7169789	0.0010625
16w_SITTE12_ATCGTGACAGACCCGT-1-10x	0.04279725	0.10230127	8.29E-05
16w_SITTE12_ATCGTGATCATGGTAC-1-10x	0.06516302	0.18193552	0.00064991
16w_SITTE12_ATCTCTAGTCACTTCC-1-10x	0.23302895	0.7796291	0.00092358
16w_SITTE12_ATCTCTATCAGCTAGT-1-10x	0.06444402	0.17937551	0.00064991
16w_SITTE12_ATCTTCACAAAGGCGT-1-10x	0.2622902	0.88381505	0.00076727
16w_SITTE12_ATCTTCAGTCATCCGG-1-10x	0.07444894	0.21499842	0.0017292
16w_SITTE12_ATCTTCATCACCTTGC-1-10x	0.08533055	0.25374284	0.0037839
16w_SITTE12_ATGAAAGCAATCTGCA-1-10x	0.10078866	0.3087821	0.0040879
16w_SITTE12_ATGACCACAGGTGTGA-1-10x	0.03110275	0.06066251	4.68E-05
16w_SITTE12_ATGACCAGTTCCTACC-1-10x	0.10897685	0.3379365	0.0032165
16w_SITTE12_ATGAGGGAGTCATGCT-1-10x	0.14534037	0.4674103	0.0018716

16w_SITTE12_ATGAGGGAGTCTTCGA-1-10x	0.02442802	0.03689685	3.91E-05
16w_SITTE12_ATGAGGGGTCCTTAAG-1-10x	0.01880876	0.01688926	3.49E-05
16w_SITTE12_ATGAGGGTCCAAACCA-1-10x	0.10183059	0.31249192	0.0040036
16w_SITTE12_ATGCCTCCAGCAGACA-1-10x	0.25375527	0.85342604	0.00079608
16w_SITTE12_ATGCCTCGTGGTTCTA-1-10x	0.16249569	0.5284925	0.001776
16w_SITTE12_ATGCGATAGGCCGCTT-1-10x	0.07310377	0.21020891	0.0015819
16w_SITTE12_ATGCGATAGTTTCGGT-1-10x	0.1458621	0.46926796	0.0018716
16w_SITTE12_ATGCGATCACTCACTC-1-10x	0.04380602	0.10589305	8.81E-05
16w_SITTE12_ATGGAGGGTCTAGGCC-1-10x	0.04355677	0.10500557	8.29E-05
16w_SITTE12_ATGGATCTCAAGAATG-1-10x	0.03097189	0.0601966	4.68E-05
16w_SITTE12_ATGGGAGAGAAGGTAG-1-10x	0.0999675	0.3058583	0.0041652
16w_SITTE12_ATGGGAGTCGTCAAAC-1-10x	0.05475555	0.14487933	0.00021164
16w_SITTE12_ATGGGTTCATAACGGG-1-10x	0.09274413	0.28013924	0.0044107
16w_SITTE12_ATGGTTGGTGGTCTAT-1-10x	0.06565352	0.18368198	0.00072102
16w_SITTE12_ATGGTTGGTGGTCTTA-1-10x	0.25814688	0.86906254	0.000778
16w_SITTE12_ATGTCCCGTGC GTGCT-1-10x	0.09160996	0.27610096	0.0043903
16w_SITTE12_ATGTCCCTCGGCTTGG-1-10x	0.01856215	0.01601119	3.49E-05
16w_SITTE12_ATGTCTTTCTGGACTA-1-10x	0.24665003	0.8281275	0.0008292
16w_SITTE12_ATTACCTAGTTAGTGA-1-10x	0.20874922	0.69318014	0.0011177
16w_SITTE12_ATTACCTGTATCGTTG-1-10x	0.19393513	0.64043397	0.0012741
16w_SITTE12_ATTACCTGTTGAGAGC-1-10x	0.07701133	0.22412194	0.0022191
16w_SITTE12_ATTACTCAGTAAGCAT-1-10x	0.2282271	0.76253194	0.00095947
16w_SITTE12_ATTACTCAGTGCGACA-1-10x	0.19644128	0.6493572	0.00124
16w_SITTE12_ATTACTCCAAAGCTAA-1-10x	0.28109315	0.9507637	0.00075348
16w_SITTE12_ATTATCCCATGACTAC-1-10x	0.16312723	0.53074116	0.001763
16w_SITTE12_ATTATCCGTAGACACG-1-10x	0.1622822	0.5277324	0.001776
16w_SITTE12_ATTATCCGTGCAAACG-1-10x	0.06361161	0.17641169	0.00058553
16w_SITTE12_ATTATCCTCGCTCCTA-1-10x	0.02181009	0.02757562	3.69E-05
16w_SITTE12_ATTCACTAGTAGGATT-1-10x	0.28430164	0.96218765	0.00075605
16w_SITTE12_ATTCACTGTATCTCTT-1-10x	0.023996	0.03535862	3.91E-05
16w_SITTE12_ATTCACTTCCGATAGT-1-10x	0.1093962	0.3394296	0.0032165
16w_SITTE12_ATTCATCGTGACACGA-1-10x	0.08539032	0.25395566	0.0037839
16w_SITTE12_ATTCATCTCCAAAGGG-1-10x	0.03641019	0.07955987	5.82E-05
16w_SITTE12_ATTCCCAGGAATTAC-1-10x	0.09192412	0.27721953	0.0043903
16w_SITTE12_ATTCCCGGTGCGCTCA-1-10x	0.02664286	0.0447829	4.09E-05
16w_SITTE12_ATTCCCGGTGTATTTCG-1-10x	0.11097846	0.3450633	0.0030221
16w_SITTE12_ATTCTAAGAACTCCT-1-10x	0.16781314	0.5474255	0.0016902
16w_SITTE12_ATTCGTTGTCGATTAC-1-10x	0.08955241	0.26877496	0.0042295
16w_SITTE12_ATTCGTTTCCTGCTAC-1-10x	0.12303993	0.38800868	0.0021479
16w_SITTE12_ATTCTACAGGCTTTCA-1-10x	0.03865985	0.08756987	6.36E-05
16w_SITTE12_ATTCTACGTCCAATCA-1-10x	0.19231197	0.63465464	0.0012861

16w_SITTE12_ATTCTACGTGTCTCCT-1-10x	0.14243302	0.45705858	0.0018718
16w_SITTE12_ATTCTTGAGGCCACCT-1-10x	0.11234852	0.34994146	0.0028393
16w_SITTE12_ATTCTTGGTGCGTGCT-1-10x	0.05094677	0.13131799	0.00014746
16w_SITTE12_ATTGGGTGTAAGCGGT-1-10x	0.02645282	0.04410625	4.09E-05
16w_SITTE12_ATTTACCGTACAAAGT-1-10x	0.04341444	0.10449882	8.29E-05
16w_SITTE12_ATTTACCTCCAAGGGA-1-10x	0.08034371	0.235987	0.0029431
16w_SITTE12_ATTTACAGATCGCCC-1-10x	0.09331185	0.2821606	0.0044107
16w_SITTE12_ATTTACAGGGAGGCA-1-10x	0.02616976	0.0430984	4.09E-05
16w_SITTE12_ATTTCTGAGGTCTACT-1-10x	0.08070263	0.23726493	0.0029431
16w_SITTE12_ATTTCTGAGGTGGTTG-1-10x	0.21664129	0.7212802	0.0010475
16w_SITTE12_ATTTCTGCAAGAGGTC-1-10x	0.01705323	0.01063862	3.38E-05
16w_SITTE12_CAAAGAAAGACATATG-1-10x	0.22903855	0.76542115	0.0009522
16w_SITTE12_CAAAGAACACCGTGCA-1-10x	0.03564974	0.07685226	5.58E-05
16w_SITTE12_CAAAGAACAGCAAGAC-1-10x	0.04138199	0.09726218	7.40E-05
16w_SITTE12_CAACAACAGAGCCCAA-1-10x	0.26654816	0.8989757	0.00075831
16w_SITTE12_CAACAACAGGAGATAG-1-10x	0.10203922	0.31323478	0.0039137
16w_SITTE12_CAACAACGTCTAACTG-1-10x	0.01923254	0.01839813	3.55E-05
16w_SITTE12_CAACAGTTCGCCTTTG-1-10x	0.26647654	0.8987207	0.00075831
16w_SITTE12_CAACCAAAGACAGCGT-1-10x	0.05732865	0.15404093	0.00028394
16w_SITTE12_CAACCAAGTACGATTC-1-10x	0.02279771	0.03109207	3.76E-05
16w_SITTE12_CAACCTCAGGAGATAG-1-10x	0.2603758	0.8769987	0.00077221
16w_SITTE12_CAACCTCCATAGAGGC-1-10x	0.11274587	0.35135624	0.0028393
16w_SITTE12_CAACCTCCATATAGCC-1-10x	0.13005589	0.4129893	0.0019639
16w_SITTE12_CAACCTCGTAGACTGG-1-10x	0.270004	0.91128033	0.00075499
16w_SITTE12_CAACCTCGTATGTCTG-1-10x	0.19696444	0.65121996	0.0012292
16w_SITTE12_CAACCTCGTGCTGTGCG-1-10x	0.10000166	0.30597994	0.0041652
16w_SITTE12_CAACGATCATATCTCT-1-10x	0.08953397	0.2687093	0.0042295
16w_SITTE12_CAACGATGTTGTTCC-1-10x	0.02232632	0.02941369	3.76E-05
16w_SITTE12_CAACGATTCATCGACA-1-10x	0.05515884	0.14631523	0.000233
16w_SITTE12_CAAGACTAGAGAGCCT-1-10x	0.24973443	0.83910966	0.00081397
16w_SITTE12_CAAGACTCATCCAATG-1-10x	0.02008864	0.02144633	3.55E-05
16w_SITTE12_CAAGACTTCGCTCTCA-1-10x	0.06074689	0.16621171	0.00042799
16w_SITTE12_CAAGACTTCGGCGATC-1-10x	0.02378493	0.03460711	3.83E-05
16w_SITTE12_CAAGAGGGTTTCTATC-1-10x	0.20264995	0.67146343	0.0011699
16w_SITTE12_CAAGGGAAGACAAGCC-1-10x	0.07154803	0.20466962	0.0013138
16w_SITTE12_CAAGGGACAACCTAAC-1-10x	0.01772078	0.01301547	3.44E-05
16w_SITTE12_CAAGGGACTGCATA-1-10x	0.08335421	0.24670602	0.0034742
16w_SITTE12_CAATACGTCAACGTGT-1-10x	0.24377495	0.8178907	0.00084583
16w_SITTE12_CAATCGAAGTCTTCGA-1-10x	0.12881243	0.40856192	0.0019821
16w_SITTE12_CAATGACGTTGCATTG-1-10x	0.08490972	0.25224444	0.0036353
16w_SITTE12_CAATGACTCGTCAAAC-1-10x	0.01893014	0.01732144	3.49E-05

16w_SITTE12_CAATTTCCATACTTTC-1-10x	0.04369069	0.1054824	8.81E-05
16w_SITTE12_CAATTTCTGTGACACGA-1-10x	0.05865358	0.15875842	0.00031414
16w_SITTE12_CACAACATCTCGACCT-1-10x	0.07200448	0.20629482	0.0014433
16w_SITTE12_CACCAAAGTGCTCTCT-1-10x	0.01717559	0.0110743	3.38E-05
16w_SITTE12_CACCAAAGTGTGTCGC-1-10x	0.07751367	0.22591051	0.0023954
16w_SITTE12_CACCAAATCACTGGGC-1-10x	0.03940629	0.0902276	6.67E-05
16w_SITTE12_CACCGTTAGCCAAGTG-1-10x	0.12753575	0.4040162	0.0020026
16w_SITTE12_CACGAATCAGGTCAAG-1-10x	0.07408627	0.21370715	0.0017292
16w_SITTE12_CACGGGTAGTAGACCG-1-10x	0.05386187	0.14169733	0.00019264
16w_SITTE12_CACGGGTAGTAGTCCT-1-10x	0.04325978	0.10394812	8.29E-05
16w_SITTE12_CACGGGTCAACTACGT-1-10x	0.2328246	0.7789015	0.00092358
16w_SITTE12_CACGTGGTCCGTCAA-1-10x	0.10691781	0.33060518	0.0034182
16w_SITTE12_CACGTTCCAACGCATT-1-10x	0.29251498	0.9914316	0.00076378
16w_SITTE12_CACGTTCTCGGTCGGT-1-10x	0.05987573	0.16310993	0.00038577
16w_SITTE12_CACTAAGAGACAGTCG-1-10x	0.10137754	0.3108788	0.0040036
16w_SITTE12_CACTAAGAGGTAGGCT-1-10x	0.04038547	0.09371403	7.01E-05
16w_SITTE12_CACTAAGCACGCGCAT-1-10x	0.05138584	0.13288131	0.00016076
16w_SITTE12_CACTGAAAGCGTCTCG-1-10x	0.02852166	0.05147243	4.30E-05
16w_SITTE12_CACTGAACACGCGTGT-1-10x	0.04420452	0.10731191	8.81E-05
16w_SITTE12_CACTGAACATGTACGT-1-10x	0.0516014	0.13364883	0.00016076
16w_SITTE12_CACTGAATCGACGATT-1-10x	0.04762546	0.1194923	0.00011598
16w_SITTE12_CACTGAATCGGCTTCT-1-10x	0.016223	0.00768255	3.33E-05
16w_SITTE12_CACTTCGGTTTGCAGT-1-10x	0.25533003	0.85903305	0.00078825
16w_SITTE12_CAGAGCCAGAAATTCG-1-10x	0.0582767	0.15741651	0.00031414
16w_SITTE12_CAGAGCCAGCGCCTAC-1-10x	0.05110074	0.1318662	0.00014746
16w_SITTE12_CAGATACCAACATCGT-1-10x	0.05377611	0.14139196	0.00019264
16w_SITTE12_CAGATACTCGAGTCTA-1-10x	0.0262529	0.04339442	4.09E-05
16w_SITTE12_CAGATCAAGTAATTGG-1-10x	0.253948	0.85411227	0.00079608
16w_SITTE12_CAGATCAGTTTACGAC-1-10x	0.02401255	0.03541755	3.91E-05
16w_SITTE12_CAGATCATCAACGTGT-1-10x	0.05461233	0.14436936	0.00021164
16w_SITTE12_CAGCAATTCAGCCTCT-1-10x	0.2819334	0.95375544	0.00075401
16w_SITTE12_CAGCACGAGCACGTCC-1-10x	0.25524977	0.8587473	0.00078825
16w_SITTE12_CAGCAGCAGCGTATGG-1-10x	0.15795274	0.5123172	0.0018302
16w_SITTE12_CAGCAGCGTGTTATCG-1-10x	0.10448004	0.3219254	0.0037215
16w_SITTE12_CAGCGTGAGCCTTCTC-1-10x	0.06313776	0.17472449	0.00052741
16w_SITTE12_CAGCGTGAGGCCCAA-1-10x	0.06304802	0.174405	0.00052741
16w_SITTE12_CAGCGTGAGTATAGAC-1-10x	0.07457607	0.21545108	0.0017292
16w_SITTE12_CAGCGTGGTCAGGTAG-1-10x	0.15822826	0.51329815	0.0018302
16w_SITTE12_CAGCGTGTCCGTACGG-1-10x	0.05122258	0.13230002	0.00016076
16w_SITTE12_CAGCGTGTGACCACG-1-10x	0.16551863	0.5392558	0.0017353
16w_SITTE12_CAGCGTGTCTAGAGCT-1-10x	0.02238659	0.02962828	3.76E-05

16w_SITTE12_CAGGCCACATAACGGG-1-10x	0.282145	0.95450884	0.00075401
16w_SITTE12_CAGGCCAGTTCTCGCT-1-10x	0.16394778	0.53366274	0.0017494
16w_SITTE12_CAGGTATGTTGTATGC-1-10x	0.09849107	0.30060142	0.0042345
16w_SITTE12_CAGTTCCCATTGGGAG-1-10x	0.04769246	0.11973088	0.00011598
16w_SITTE12_CAGTTCCTCCATACTT-1-10x	0.24051934	0.806299	0.00086997
16w_SITTE12_CATAAGCGTTTGATCG-1-10x	0.0459008	0.11335158	0.00010046
16w_SITTE12_CATAAGCTCCACAGGC-1-10x	0.09112107	0.27436024	0.0043535
16w_SITTE12_CATAAGCTCGCTAAAC-1-10x	0.04549708	0.11191414	9.39E-05
16w_SITTE12_CATACAGCACCGTCTGA-1-10x	0.23395002	0.7829086	0.00091657
16w_SITTE12_CATACAGCACGCGGTT-1-10x	0.07536902	0.21827443	0.001885
16w_SITTE12_CATACAGGTGCCGGTT-1-10x	0.2711472	0.91535074	0.00075352
16w_SITTE12_CATACAGTCACCACAA-1-10x	0.09197751	0.2774096	0.0043903
16w_SITTE12_CATACAGTCCGCAGTG-1-10x	0.23969568	0.8033663	0.00087632
16w_SITTE12_CATACCCGTGGAACAC-1-10x	0.05246029	0.13670695	0.00017575
16w_SITTE12_CATACTTAGTGGTGGT-1-10x	0.20853867	0.69243044	0.0011177
16w_SITTE12_CATAGACCAGCGGATA-1-10x	0.0696521	0.1979191	0.0010821
16w_SITTE12_CATAGACTCCGAGAAG-1-10x	0.22884634	0.7647368	0.0009522
16w_SITTE12_CATCAAGCATGACAAA-1-10x	0.27098966	0.9147898	0.00075352
16w_SITTE12_CATCAAGGTAACGTTT-1-10x	0.20378613	0.67550886	0.0011608
16w_SITTE12_CATCCACAGGAACATT-1-10x	0.2635319	0.8882361	0.00076313
16w_SITTE12_CATCCACTCACTACTT-1-10x	0.03952098	0.09063598	6.67E-05
16w_SITTE12_CATCCACTCTTGCA-1-10x	0.04969985	0.12687829	0.00013566
16w_SITTE12_CATCCCAAGTCCGTCTG-1-10x	0.04979507	0.12721731	0.00013566
16w_SITTE12_CATCCACAAGGAGTC-1-10x	0.06750512	0.19027469	0.00088537
16w_SITTE12_CATCCATCGGCCTTT-1-10x	0.0490296	0.1244918	0.00012523
16w_SITTE12_CATCCGTAGATCCAAA-1-10x	0.14596364	0.4696295	0.0018716
16w_SITTE12_CATCCGTAGCCTCTTC-1-10x	0.13432507	0.4281899	0.0019027
16w_SITTE12_CATCCGTTCGAGAATA-1-10x	0.18866925	0.62168455	0.001338
16w_SITTE12_CATCGCTAGAGTCCGA-1-10x	0.19349599	0.63887036	0.0012741
16w_SITTE12_CATCGCTCACTGTCCG-1-10x	0.20751539	0.68878704	0.001126
16w_SITTE12_CATCGGGAGACCAAGC-1-10x	0.10670285	0.32983983	0.0034182
16w_SITTE12_CATCGTCAGAAGGATG-1-10x	0.25399563	0.85428184	0.00079608
16w_SITTE12_CATCGTCCACATTCTGA-1-10x	0.20892599	0.69380957	0.0011177
16w_SITTE12_CATCGTCGTCTTGCTC-1-10x	0.0412787	0.09689441	7.40E-05
16w_SITTE12_CATCGTCGTCTTGTA-1-10x	0.03962263	0.09099791	6.67E-05
16w_SITTE12_CATGAGTAGTCAGCGA-1-10x	0.07872159	0.23021138	0.002576
16w_SITTE12_CATGAGTAGTGGAAG-1-10x	0.04997322	0.12785162	0.00013566
16w_SITTE12_CATGAGTCAAGCGAGT-1-10x	0.24477696	0.8214584	0.00084014
16w_SITTE12_CATGAGTCACAGGATG-1-10x	0.23639968	0.79163074	0.00089602
16w_SITTE12_CATGAGTCACCGTCTT-1-10x	0.08399445	0.2489856	0.0034742
16w_SITTE12_CATGAGTGTATCCCTC-1-10x	0.03158212	0.06236933	4.83E-05

16w_SITTE12_CATGAGTTCGAGAAAT-1-10x	0.04950479	0.12618375	0.00013566
16w_SITTE12_CATGCAAGTTCTCCCA-1-10x	0.2713004	0.91589624	0.00075352
16w_SITTE12_CATGCAATCGTGCATA-1-10x	0.04623274	0.11453347	0.00010046
16w_SITTE12_CATGCCTCAGACCTAT-1-10x	0.02855434	0.05158881	4.30E-05
16w_SITTE12_CATGCCTTCTACCTTA-1-10x	0.0281641	0.05019935	4.30E-05
16w_SITTE12_CATGCGGAGCCAAGGT-1-10x	0.13908038	0.44512135	0.0018772
16w_SITTE12_CATGCGGCAGTGTATC-1-10x	0.14525218	0.46709633	0.0018716
16w_SITTE12_CATGCGGTCCCAACTC-1-10x	0.02488548	0.03852565	4.00E-05
16w_SITTE12_CATGGATAGTAAATGC-1-10x	0.04933391	0.12557532	0.00013566
16w_SITTE12_CATGGATCACGTGAGA-1-10x	0.02676252	0.04520895	4.19E-05
16w_SITTE12_CATGGATGTCCTGTCT-1-10x	0.01627858	0.00788043	3.33E-05
16w_SITTE12_CATGGATTCTCATAGG-1-10x	0.04946934	0.12605755	0.00013566
16w_SITTE12_CATGGTACACTGGCGT-1-10x	0.0272988	0.04711838	4.19E-05
16w_SITTE12_CATTGAGCAAGCAATA-1-10x	0.25816235	0.8691176	0.000778
16w_SITTE12_CATTGAGGTTAGCGGA-1-10x	0.08033063	0.23594044	0.0029431
16w_SITTE12_CATTGCCATTCTCTA-1-10x	0.20147298	0.6672728	0.0011792
16w_SITTE12_CATTGCCGTTCCAGGC-1-10x	0.13376436	0.42619345	0.0019115
16w_SITTE12_CATTGCCTCATTCTA-1-10x	0.10070789	0.3084945	0.0040879
16w_SITTE12_CATTGTTCATAGACTC-1-10x	0.01962617	0.01979968	3.55E-05
16w_SITTE12_CATTGTTGTTTATGCG-1-10x	0.04451016	0.10840017	8.81E-05
16w_SITTE12_CATTTCAAGAGATGCC-1-10x	0.08821864	0.26402602	0.0041422
16w_SITTE12_CATTTACATTAAGCC-1-10x	0.05468362	0.1446232	0.00021164
16w_SITTE12_CATTTATCTCGCTCA-1-10x	0.22199593	0.7403456	0.0010106
16w_SITTE12_CCAAGCGGTGACACGA-1-10x	0.070641	0.2014401	0.0011935
16w_SITTE12_CCAAGCGGTTTGCCGG-1-10x	0.04626267	0.11464007	0.00010046
16w_SITTE12_CCAATGACACCCAACG-1-10x	0.08129508	0.2393744	0.0031253
16w_SITTE12_CCAATGAGTAGTTCCA-1-10x	0.03451578	0.07281477	5.37E-05
16w_SITTE12_CCAATGAGTGCATGTT-1-10x	0.23679668	0.79304427	0.00089602
16w_SITTE12_CCAATTTACACACTA-1-10x	0.09989051	0.3055842	0.0041652
16w_SITTE12_CCAATTTACGGCTAC-1-10x	0.0478632	0.12033881	0.00011598
16w_SITTE12_CCAATTTACTAAACC-1-10x	0.05309652	0.13897227	0.00019264
16w_SITTE12_CCAATTTGTTTGAACC-1-10x	0.04837562	0.12216329	0.00012523
16w_SITTE12_CCAATTTTCTCGATC-1-10x	0.219669	0.7320605	0.0010253
16w_SITTE12_CCACCATGTGCGAACA-1-10x	0.04848944	0.12256856	0.00012523
16w_SITTE12_CCACGTTGTATCAGGG-1-10x	0.19189256	0.6331613	0.0012985
16w_SITTE12_CCACGTTGTCCACTTC-1-10x	0.09185459	0.27697197	0.0043903
16w_SITTE12_CCACGTTGTCCATACA-1-10x	0.18131596	0.59550285	0.0014587
16w_SITTE12_CCACGTTGTGTAATG-1-10x	0.04701106	0.11730471	0.00010777
16w_SITTE12_CCACGTTTCACTCCGT-1-10x	0.04451888	0.1084312	8.81E-05
16w_SITTE12_CCACGTTTCCAGTACA-1-10x	0.290405	0.98391896	0.00076163
16w_SITTE12_CCACTTGTCAGTCACA-1-10x	0.02772725	0.04864391	4.30E-05

16w_SITTE12_CCACTTGTCCACTTTA-1-10x	0.24158907	0.81010777	0.00086374
16w_SITTE12_CCATAAGCATGGAATA-1-10x	0.09434541	0.28584063	0.0044154
16w_SITTE12_CCATCACGTCTTACTT-1-10x	0.07183164	0.20567945	0.0013138
16w_SITTE12_CCCAAGTAGATTAGAC-1-10x	0.02207957	0.02853511	3.76E-05
16w_SITTE12_CCCAAGTGTACGAC-1-10x	0.07673084	0.22312324	0.0022191
16w_SITTE12_CCCATTGCAATTAGGA-1-10x	0.15183774	0.49054447	0.0018651
16w_SITTE12_CCCATTGGTGAGCGAT-1-10x	0.04710968	0.11765586	0.00010777
16w_SITTE12_CCCGAAGAGTGGACTG-1-10x	0.04141554	0.09738162	7.40E-05
16w_SITTE12_CCCGAAAGACCAAAT-1-10x	0.04232072	0.10060456	7.82E-05
16w_SITTE12_CCCGAAAGGCACTCC-1-10x	0.14350052	0.46085945	0.0018716
16w_SITTE12_CCCGGAACAATTGGTC-1-10x	0.0843456	0.2502359	0.0036353
16w_SITTE12_CCCGGAACACTACGGC-1-10x	0.16451976	0.5356993	0.0017494
16w_SITTE12_CCCGGAATCGGCATCG-1-10x	0.23934843	0.80212986	0.00087632
16w_SITTE12_CCCGGAATCTCGCCTA-1-10x	0.09567794	0.29058516	0.0043808
16w_SITTE12_CCCTAACCAACCCTAA-1-10x	0.07738573	0.22545502	0.0022191
16w_SITTE12_CCCTAACCACTTCCA-1-10x	0.0725159	0.20811576	0.0014433
16w_SITTE12_CCCTAACGTGACACGA-1-10x	0.07304506	0.20999987	0.0015819
16w_SITTE12_CCCTAACTCGTAGAGG-1-10x	0.07077142	0.20190448	0.0011935
16w_SITTE12_CCCTCAAAGACTTCAC-1-10x	0.19950992	0.6602832	0.0012085
16w_SITTE12_CCCTCTCTCCACCCTA-1-10x	0.08711051	0.2600805	0.0040384
16w_SITTE12_CCCTGATCAGTATGAA-1-10x	0.11346968	0.3539334	0.0027534
16w_SITTE12_CCCTGATTCCACTGGG-1-10x	0.03818082	0.08586428	6.36E-05
16w_SITTE12_CCCTTAGCACATGTTG-1-10x	0.08156701	0.24034262	0.0031253
16w_SITTE12_CCCTTAGGTATGGAAT-1-10x	0.01807527	0.01427764	3.44E-05
16w_SITTE12_CCCTTAGTCCGTGGTG-1-10x	0.23383333	0.7824932	0.00091657
16w_SITTE12_CCGAACGCAAATACGA-1-10x	0.04440753	0.10803475	8.81E-05
16w_SITTE12_CCGAACGCAATGGCCC-1-10x	0.03753196	0.08355399	6.07E-05
16w_SITTE12_CCGAACGTCGTCGGGT-1-10x	0.0455549	0.11211999	0.00010046
16w_SITTE12_CCGATCTTCTGGACTA-1-10x	0.04972513	0.12696826	0.00013566
16w_SITTE12_CCGATGGCAGCGGTCT-1-10x	0.23394555	0.7828927	0.00091657
16w_SITTE12_CCGATGGGTGGCGTAA-1-10x	0.04602566	0.11379615	0.00010046
16w_SITTE12_CCGCAAGGTCGGTACC-1-10x	0.02359075	0.03391573	3.83E-05
16w_SITTE12_CCGCAAGTCTTCTCAA-1-10x	0.20591496	0.68308866	0.001143
16w_SITTE12_CCGGACAAGCAGAAAG-1-10x	0.11438047	0.3571763	0.0026715
16w_SITTE12_CCGGACAAGTTTGGCT-1-10x	0.20728658	0.68797237	0.001126
16w_SITTE12_CCGGGTATCGGTGCAC-1-10x	0.02879571	0.05244819	4.42E-05
16w_SITTE12_CCGGTGAAGTCATTGC-1-10x	0.03571897	0.07709875	5.58E-05
16w_SITTE12_CCGGTGAGTAGAGCTG-1-10x	0.12499294	0.39496246	0.0020803
16w_SITTE12_CCGTGAGCAGGACGAT-1-10x	0.02188017	0.02782513	3.69E-05
16w_SITTE12_CCGTTCAGTAGTTACC-1-10x	0.18087843	0.593945	0.0014587
16w_SITTE12_CCGTTCAGTGTTTCATG-1-10x	0.08714987	0.26022062	0.0040384

16w_SITTE12_CCTAACCAGTGCAACG-1-10x	0.21195532	0.7045956	0.0010856
16w_SITTE12_CCTAACCCAAAGGTTA-1-10x	0.20474508	0.67892325	0.0011518
16w_SITTE12_CCTAAGACACACACGC-1-10x	0.24225417	0.8124759	0.00085764
16w_SITTE12_CCTAAGATCCCAGGCA-1-10x	0.18384047	0.6044915	0.0014112
16w_SITTE12_CCTACGTAGTATGATG-1-10x	0.2509563	0.8434602	0.00080923
16w_SITTE12_CCTACGTCATCCGTGG-1-10x	0.256749	0.8640854	0.00078463
16w_SITTE12_CCTACGTGTAATCAAG-1-10x	0.05392173	0.14191045	0.00019264
16w_SITTE12_CCTACGTGTCGCTTGG-1-10x	0.09336337	0.28234404	0.0044107
16w_SITTE12_CCTATCGGTCTACTA-1-10x	0.03695739	0.08150823	5.82E-05
16w_SITTE12_CCTATCGTCCGAAATC-1-10x	0.14677477	0.47251755	0.0018717
16w_SITTE12_CCTCAACGTTAGGGTG-1-10x	0.08979429	0.26963618	0.0042999
16w_SITTE12_CCTCAACGTTGCTCCT-1-10x	0.02001853	0.0211967	3.55E-05
16w_SITTE12_CCTCAGTGTACGACAG-1-10x	0.2103289	0.6988047	0.0011014
16w_SITTE12_CCTCAGTGTGAACCGA-1-10x	0.2582617	0.86947143	0.000778
16w_SITTE12_CCTCCAATCCCGTGTT-1-10x	0.2196975	0.73216194	0.0010253
16w_SITTE12_CCTCCTCAGCACTAGG-1-10x	0.04369425	0.1054951	8.81E-05
16w_SITTE12_CCTCCTCAGGAGGTT-1-10x	0.2387021	0.79982865	0.00088278
16w_SITTE12_CCTCTAGGTCCCTGTT-1-10x	0.02253504	0.03015684	3.76E-05
16w_SITTE12_CCTCTAGGTTTGAAAG-1-10x	0.0996277	0.30464846	0.0041652
16w_SITTE12_CCTCTCCACAAAGTA-1-10x	0.03101301	0.06034301	4.68E-05
16w_SITTE12_CCTGCATCAACGAGGT-1-10x	0.26912975	0.90816754	0.00075499
16w_SITTE12_CCTTCAGGTTTGACAC-1-10x	0.04680616	0.11657517	0.00010777
16w_SITTE12_CCTTGTGTACCATCC-1-10x	0.09404399	0.2847674	0.0044154
16w_SITTE12_CCTTTGGCAATACGAA-1-10x	0.03900207	0.08878838	6.67E-05
16w_SITTE12_CGAAGGACAGAGGGTT-1-10x	0.01721853	0.01122716	3.38E-05
16w_SITTE12_CGAAGGAGTCCTGTCT-1-10x	0.26556963	0.89549154	0.00075974
16w_SITTE12_CGAAGGAGTTCACCGG-1-10x	0.19955754	0.6604528	0.0012085
16w_SITTE12_CGAAGTTCAACACACT-1-10x	0.02673132	0.04509786	4.09E-05
16w_SITTE12_CGAAGTTGTGATACTC-1-10x	0.01673245	0.00949647	3.38E-05
16w_SITTE12_CGAAGTTTCATTCTTG-1-10x	0.05061512	0.13013715	0.00014746
16w_SITTE12_CGAAGTTTCGTTGCCT-1-10x	0.18985829	0.6259182	0.0013244
16w_SITTE12_CGAATTGGTGGCATCC-1-10x	0.07717439	0.2247025	0.0022191
16w_SITTE12_CGAATTGGTTAATCGC-1-10x	0.27713507	0.93667084	0.00075222
16w_SITTE12_CGACAGCTCTACGGGC-1-10x	0.10197234	0.31299666	0.0039137
16w_SITTE12_CGAGAAGAGCTGAGTG-1-10x	0.04640173	0.11513519	0.00010046
16w_SITTE12_CGAGAAGAGTTTGAGA-1-10x	0.08267164	0.24427567	0.0033032
16w_SITTE12_CGAGAAGCATGTGTA-1-10x	0.176528	0.57845515	0.0015416
16w_SITTE12_CGAGGAAAGGTCCCGT-1-10x	0.27093294	0.91458786	0.00075418
16w_SITTE12_CGAGGAAAGTGATGGC-1-10x	0.11969555	0.37610087	0.0023317
16w_SITTE12_CGAGGCTAGTATGGCG-1-10x	0.08345883	0.24707852	0.0034742
16w_SITTE12_CGAGTTACACGCCAGT-1-10x	0.05018923	0.12862074	0.00013566

16w_SITTE12_CGAGTTAGTACCAGAG-1-10x	0.2713335	0.916014	0.00075352
16w_SITTE12_CGATCGGCATGAAGGC-1-10x	0.04791832	0.12053505	0.00011598
16w_SITTE12_CGATGCGAGTGGACTG-1-10x	0.08039745	0.23617834	0.0029431
16w_SITTE12_CGATGGCAGACAACTA-1-10x	0.18103984	0.59451973	0.0014587
16w_SITTE12_CGATGGCCACCTCAGG-1-10x	0.05318783	0.13929738	0.00019264
16w_SITTE12_CGCAGGTAGTAGCCAG-1-10x	0.2700285	0.9113676	0.00075499
16w_SITTE12_CGCAGGTAGTGGCGAT-1-10x	0.27675036	0.935301	0.00075222
16w_SITTE12_CGCAGGTCACCGTCGA-1-10x	0.22413753	0.7479709	0.00098869
16w_SITTE12_CGCATAACATGAGGGT-1-10x	0.02111127	0.02508742	3.69E-05
16w_SITTE12_CGCCAGACAGTCAACT-1-10x	0.04384022	0.1060148	8.81E-05
16w_SITTE12_CGCCATTTCTGGCCGA-1-10x	0.04311333	0.1034267	8.29E-05
16w_SITTE12_CGCGTGATCATTACTC-1-10x	0.0159032	0.00654389	3.33E-05
16w_SITTE12_CGGAACCCAATCCTTT-1-10x	0.10000167	0.30598	0.0041652
16w_SITTE12_CGGAACCTCATTTCCA-1-10x	0.02301622	0.0318701	3.83E-05
16w_SITTE12_CGGAATTAGCATTTCG-1-10x	0.25396875	0.8541861	0.00079608
16w_SITTE12_CGGAATTGTTGAGAGC-1-10x	0.08697476	0.25959712	0.0040384
16w_SITTE12_CGGACACCAGGCGATA-1-10x	0.12190196	0.38395688	0.0021873
16w_SITTE12_CGGACACCATACTTTC-1-10x	0.03739319	0.08305989	6.07E-05
16w_SITTE12_CGGACACGTAAAGATTG-1-10x	0.12878555	0.4084662	0.0019821
16w_SITTE12_CGGACACTCGTTGTTT-1-10x	0.23493592	0.786419	0.00090964
16w_SITTE12_CGGAGAACATGGCCAC-1-10x	0.06626341	0.18585351	0.00079936
16w_SITTE12_CGGAGAATCAGCAATC-1-10x	0.09291866	0.28076062	0.0044107
16w_SITTE12_CGGCAGTGTCTTGCGG-1-10x	0.23496546	0.7865241	0.00090964
16w_SITTE12_CGGGACTCAACCAACT-1-10x	0.18057044	0.5928484	0.001475
16w_SITTE12_CGGGCATAGCGTGAGT-1-10x	0.21138841	0.70257705	0.0010934
16w_SITTE12_CGGGCATCAACGTAAA-1-10x	0.09010565	0.27074477	0.0042999
16w_SITTE12_CGGGCATTCTAGAGT-1-10x	0.02496309	0.038802	4.00E-05
16w_SITTE12_CGGTCAGAGCACTCGC-1-10x	0.05699776	0.15286279	0.00028394
16w_SITTE12_CGGTCAGCAGTAGATA-1-10x	0.23489997	0.78629094	0.00090964
16w_SITTE12_CGGTCAGGTCGTCTCT-1-10x	0.07847326	0.2293272	0.002576
16w_SITTE12_CGGTCAGTCGTGACG-1-10x	0.01547297	0.00501204	3.27E-05
16w_SITTE12_CGTAATGCACACCGAC-1-10x	0.04204473	0.09962189	7.82E-05
16w_SITTE12_CGTAATGGTGCTGTCG-1-10x	0.22927226	0.7662533	0.0009522
16w_SITTE12_CGTAGTACAAACACCT-1-10x	0.12487018	0.39452535	0.0020803
16w_SITTE12_CGTAGTAGTAGCCAGA-1-10x	0.01644066	0.00845754	3.38E-05
16w_SITTE12_CGTCAAAGCGATGGT-1-10x	0.12003924	0.37732458	0.0022788
16w_SITTE12_CGTCCATCAGAGTAAT-1-10x	0.2838811	0.9606903	0.00075531
16w_SITTE12_CGTCCATGTTTCGACA-1-10x	0.2900962	0.98281944	0.00076163
16w_SITTE12_CGTGAATAGAATCGTA-1-10x	0.067082	0.18876813	0.00079936
16w_SITTE12_CGTGAATCAACAAAGT-1-10x	0.26022	0.876444	0.00077221
16w_SITTE12_CGTGCTTTCAGCTCTC-1-10x	0.0826602	0.24423495	0.0033032

16w_SITTE12_CGTTAGACATATCTGG-1-10x	0.25896257	0.87196684	0.00077499
16w_SITTE12_CGTTCTGCAAGCACAG-1-10x	0.04647709	0.11540349	0.00010777
16w_SITTE12_CGTTCTGTCATTACTC-1-10x	0.03104784	0.06046701	4.68E-05
16w_SITTE12_CGTTGGGCACAATTCG-1-10x	0.01598479	0.00683438	3.33E-05
16w_SITTE12_CTAACCCAGGTACATA-1-10x	0.08460021	0.25114244	0.0036353
16w_SITTE12_CTAACCCTCCTAAGTG-1-10x	0.03718868	0.08233171	6.07E-05
16w_SITTE12_CTAACCTTAGGCTAAAT-1-10x	0.12830643	0.40676028	0.0019821
16w_SITTE12_CTAAGTGTCGGCTTCT-1-10x	0.04240327	0.10089849	7.82E-05
16w_SITTE12_CTACAGACATGGAAGC-1-10x	0.17840034	0.5851217	0.0015081
16w_SITTE12_CTACAGATCGTACCTC-1-10x	0.08507883	0.25284657	0.0037839
16w_SITTE12_CTACATTAGCATTGTC-1-10x	0.1250077	0.395015	0.0020803
16w_SITTE12_CTACATTCAGCTCTGG-1-10x	0.08641476	0.25760323	0.0039187
16w_SITTE12_CTACATTGTGTTCAAGT-1-10x	0.04198494	0.09940901	7.82E-05
16w_SITTE12_CTACATTTCTGCCCTA-1-10x	0.06393281	0.17755534	0.00058553
16w_SITTE12_CTACCCACACAAAGTA-1-10x	0.04504276	0.11029653	9.39E-05
16w_SITTE12_CTACCCAGTCTCAGGC-1-10x	0.19198474	0.6334895	0.0012985
16w_SITTE12_CTACCCATCAGTAGGG-1-10x	0.15222679	0.4919297	0.0018651
16w_SITTE12_CTACCTGGTACGAAAT-1-10x	0.2494905	0.83824116	0.00081397
16w_SITTE12_CTACGGGGTAAACAGA-1-10x	0.08814824	0.26377538	0.0041422
16w_SITTE12_CTACTATAGCGAGAAA-1-10x	0.27902138	0.9433871	0.00075266
16w_SITTE12_CTAGACACACAGGATG-1-10x	0.08467575	0.2514114	0.0036353
16w_SITTE12_CTAGACACACGCGTGT-1-10x	0.09088757	0.27352884	0.0043535
16w_SITTE12_CTAGACACATGAGAAT-1-10x	0.16891134	0.5513357	0.0016744
16w_SITTE12_CTAGACATCCTTCTTC-1-10x	0.0367986	0.08094285	5.82E-05
16w_SITTE12_CTAGGTATCCTCAGGG-1-10x	0.08691821	0.25939578	0.0040384
16w_SITTE12_CTAGGTATCGCTACAA-1-10x	0.09953696	0.30432534	0.0041652
16w_SITTE12_CTATAGGGTAACAAGT-1-10x	0.11708273	0.3667978	0.002453
16w_SITTE12_CTATAGGTCGATCCCT-1-10x	0.10950866	0.33983004	0.0031181
16w_SITTE12_CTATCCGAGATTGACA-1-10x	0.12929262	0.41027164	0.0019639
16w_SITTE12_CTATCCGGTATACCCA-1-10x	0.12112741	0.38119906	0.0022308
16w_SITTE12_CTATCTAGTGGTCTCG-1-10x	0.01824383	0.01487782	3.44E-05
16w_SITTE12_CTCAACCGTCTGCCTT-1-10x	0.11639658	0.36435476	0.0025211
16w_SITTE12_CTCAACCTCAGCTAGT-1-10x	0.14483677	0.4656172	0.0018716
16w_SITTE12_CTCAACCTCTGTGCAA-1-10x	0.05709933	0.15322442	0.00028394
16w_SITTE12_CTCAAGATCGGCTGAC-1-10x	0.27525878	0.9299902	0.00075218
16w_SITTE12_CTCAATTGTTGCGCGT-1-10x	0.04853138	0.1227179	0.00012523
16w_SITTE12 CTCAGAAAGAAATTGC-1-10x	0.16184509	0.52617604	0.0017883
16w_SITTE12 CTCAGAATCAAATAGG-1-10x	0.19799833	0.65490115	0.0012187
16w_SITTE12 CTCAGGGAGCTCATAC-1-10x	0.18672125	0.61474866	0.0013662
16w_SITTE12 CTCAGGGCAATGCAGG-1-10x	0.02055968	0.02312349	3.62E-05
16w_SITTE12 CTCAGGGGTTCTCTCG-1-10x	0.25490484	0.85751915	0.00079207

16w_SITTE12_CTCAGGGTCAAACGTC-1-10x	0.0278654	0.0491358	4.30E-05
16w_SITTE12_CTCAGTCTCACCTGGG-1-10x	0.05284103	0.13806258	0.00017575
16w_SITTE12_CTCATCGAGACCTGGA-1-10x	0.07302158	0.20991628	0.0015819
16w_SITTE12_CTCATCGTCATGCATG-1-10x	0.05503978	0.14589131	0.000233
16w_SITTE12_CTCATGCGTGAGAGGG-1-10x	0.0258181	0.04184629	4.09E-05
16w_SITTE12_CTCATGCTCAAGTCGT-1-10x	0.03699078	0.0816271	5.82E-05
16w_SITTE12_CTCATTACAGCGCTTG-1-10x	0.01590131	0.00653715	3.33E-05
16w_SITTE12_CTCCAACCATTCTGTT-1-10x	0.02251482	0.03008482	3.76E-05
16w_SITTE12_CTCCAACGTTGTTGTG-1-10x	0.03604074	0.07824443	5.58E-05
16w_SITTE12_CTCCATGAGCAATAGT-1-10x	0.18842556	0.6208169	0.001338
16w_SITTE12_CTCCATGAGGCTGGAT-1-10x	0.02386035	0.03487563	3.83E-05
16w_SITTE12_CTCCAAAGGTCGAGT-1-10x	0.02264887	0.03056213	3.76E-05
16w_SITTE12_CTCCAAAGTTTGTGGT-1-10x	0.27530783	0.9301649	0.00075218
16w_SITTE12_CTCCCTCAGTTCGCAT-1-10x	0.20912063	0.69450253	0.0011095
16w_SITTE12_CTCCCTCGTCCATCTC-1-10x	0.08277784	0.24465384	0.0033032
16w_SITTE12_CTCCGATAGGCTTAGG-1-10x	0.0884735	0.26493347	0.0041422
16w_SITTE12_CTCCGATCACAATGCT-1-10x	0.06070601	0.16606615	0.00042799
16w_SITTE12_CTCCGATGTAGCACGA-1-10x	0.05403907	0.14232823	0.00021164
16w_SITTE12_CTCTCCAGATTAAG-1-10x	0.01604048	0.00703268	3.33E-05
16w_SITTE12_CTCTTTAGCATCCCG-1-10x	0.25965157	0.8744201	0.00077499
16w_SITTE12_CTCTTTGTGATTAGA-1-10x	0.24405761	0.8188971	0.00084583
16w_SITTE12_CTCGAGGCACACGGTC-1-10x	0.19528127	0.64522696	0.0012511
16w_SITTE12_CTCGAGGGTAGCTGTT-1-10x	0.04808945	0.12114438	0.00011598
16w_SITTE12_CTCTCAGAGGTTACCT-1-10x	0.10619661	0.32803735	0.00352
16w_SITTE12_CTCTCAGCACATTACG-1-10x	0.07925177	0.23209912	0.002576
16w_SITTE12_CTCTCAGGTGGCTGAA-1-10x	0.03543054	0.0760718	5.58E-05
16w_SITTE12_CTCTCGACAGACGATG-1-10x	0.11439505	0.35722822	0.0026715
16w_SITTE12_CTCTCGAGTTGGAGAC-1-10x	0.04344786	0.10461781	8.29E-05
16w_SITTE12_CTCTCGATCGCCGATG-1-10x	0.01522656	0.00413468	3.27E-05
16w_SITTE12_CTGAATGAGCATGTTC-1-10x	0.23127002	0.7733664	0.00093779
16w_SITTE12_CTGAATGCAAAGTCTA-1-10x	0.04170119	0.09839869	7.40E-05
16w_SITTE12_CTGAGGCTCCCGAGGT-1-10x	0.05464824	0.14449722	0.00021164
16w_SITTE12_CTGATCCGTCTTGCTC-1-10x	0.20114607	0.6661088	0.0011888
16w_SITTE12_CTGATCCGTTGTGCCG-1-10x	0.19847272	0.6565902	0.0012187
16w_SITTE12_CTGATCCTCCTACAAG-1-10x	0.19515896	0.6447914	0.0012511
16w_SITTE12_CTGCAGGAGAAGTCTA-1-10x	0.03830244	0.08629732	6.36E-05
16w_SITTE12_CTGCAGGAGCACTGGA-1-10x	0.25345573	0.85235953	0.00079608
16w_SITTE12_CTGCAGGAGGCTCTAT-1-10x	0.10199762	0.31308666	0.0039137
16w_SITTE12_CTGCATCAGAGGATGA-1-10x	0.24246866	0.8132396	0.00085764
16w_SITTE12_CTGCATCCATAGGTAA-1-10x	0.0157743	0.00608495	3.33E-05
16w_SITTE12_CTGCATCCATCACAGT-1-10x	0.09112769	0.2743838	0.0043535

16w_SITTE12_CTGCATCTCATGGCCG-1-10x	0.02138179	0.02605064	3.69E-05
16w_SITTE12_CTGCCATCAGGTCAAG-1-10x	0.01526105	0.00425749	3.27E-05
16w_SITTE12_CTGCCATTCAAGGG-1-10x	0.1530808	0.49497047	0.0018617
16w_SITTE12_CTGCGAGAGATGGCGT-1-10x	0.20342918	0.6742379	0.0011608
16w_SITTE12_CTGCGAGAGCAGTCTT-1-10x	0.03738437	0.0830285	6.07E-05
16w_SITTE12_CTGCGAGAGCCTGAGA-1-10x	0.01626132	0.00781899	3.33E-05
16w_SITTE12_CTGCTCAGTACCGTTCG-1-10x	0.20127296	0.6665606	0.0011888
16w_SITTE12_CTGCTCAGTTGGCCTG-1-10x	0.01732304	0.01159929	3.38E-05
16w_SITTE12_CTGGACGAGATAGTGT-1-10x	0.05147551	0.1332006	0.00016076
16w_SITTE12_CTGGACGCAGAAGTGC-1-10x	0.02775232	0.04873316	4.30E-05
16w_SITTE12_CTGGCAGAGATAGGGA-1-10x	0.02872217	0.05218636	4.42E-05
16w_SITTE12_CTGGTCTTCGCGGACT-1-10x	0.23379287	0.7823491	0.00091657
16w_SITTE12_CTGTACCAGGGTGAAA-1-10x	0.23532885	0.787818	0.00090278
16w_SITTE12_CTGTACCGTAACCCTA-1-10x	0.2615448	0.881161	0.00076963
16w_SITTE12_CTGTACCGTGCATGAG-1-10x	0.12299279	0.38784084	0.0021479
16w_SITTE12_CTGTAGAAGCCTCATA-1-10x	0.25385472	0.85378015	0.00079608
16w_SITTE12_CTGTAGAGTACTGCGC-1-10x	0.26184368	0.88222516	0.00076727
16w_SITTE12_CTGTAGAGTGACACGA-1-10x	0.09153842	0.27584624	0.0043535
16w_SITTE12_CTGTATTAGCCAAGTG-1-10x	0.0882724	0.26421744	0.0041422
16w_SITTE12_CTGTATTGTCGGCACT-1-10x	0.27438465	0.9268778	0.00075233
16w_SITTE12_CTGTATTTCTTACCGC-1-10x	0.05563163	0.14799862	0.000233
16w_SITTE12_CTGTGAATCATTTGCT-1-10x	0.24127989	0.8090069	0.00086374
16w_SITTE12_CTGTGGGCAACCGCTG-1-10x	0.25655112	0.8633808	0.00078463
16w_SITTE12_CTTACCGGTAATAAGA-1-10x	0.10303316	0.31677374	0.0038193
16w_SITTE12_CTTACCGTCCGTCAAA-1-10x	0.08900958	0.2668422	0.0042295
16w_SITTE12_CTTAGGAAGCCTCTTC-1-10x	0.14460093	0.4647775	0.0018716
16w_SITTE12_CTTAGGAAGGTACATA-1-10x	0.26396522	0.889779	0.00076313
16w_SITTE12_CTTAGGACAACCGTAT-1-10x	0.07785855	0.22713847	0.0023954
16w_SITTE12_CTTAGGACAGTCGTTA-1-10x	0.03740899	0.08311616	6.07E-05
16w_SITTE12_CTTCAATTCAGTCATG-1-10x	0.09826034	0.29977992	0.0042345
16w_SITTE12_CTTCCGATCCCTGGTT-1-10x	0.05504843	0.14592212	0.000233
16w_SITTE12_CTTCCTTTCATCTATC-1-10x	0.01874834	0.01667413	3.49E-05
16w_SITTE12_CTTCCGGTCAACAAGTA-1-10x	0.04462781	0.10881907	9.39E-05
16w_SITTE12_CTTCCGGTCACATAACC-1-10x	0.09622593	0.2925363	0.0043808
16w_SITTE12_CTTCTAAAGTGAACAT-1-10x	0.0314567	0.06192277	4.83E-05
16w_SITTE12_CTTCTAACACTCTCGT-1-10x	0.09995075	0.30579868	0.0041652
16w_SITTE12_CTTCTAATCTACTTCA-1-10x	0.04841781	0.12231351	0.00012523
16w_SITTE12_CTTGAGACAGAGTTGG-1-10x	0.02439806	0.03679018	3.91E-05
16w_SITTE12_CTTGATTAGTTGCTCA-1-10x	0.26716226	0.9011622	0.00075831
16w_SITTE12_CTTGATTTGAGCTGC-1-10x	0.09400989	0.284646	0.0044154
16w_SITTE12_CTTTCAATCGGCATCG-1-10x	0.09122293	0.2747229	0.0043535

16w_SITTE12_GAAACCTGTTGAGTCT-1-10x	0.1377681	0.44044894	0.0018802
16w_SITTE12_GAAATGATCTGGAGAG-1-10x	0.09596338	0.29160148	0.0043808
16w_SITTE12_GAACACTACTAACCA-1-10x	0.2063455	0.6846216	0.0011344
16w_SITTE12_GAACACTGTCGCCTAG-1-10x	0.27866176	0.94210666	0.00075266
16w_SITTE12_GAACACTTCGCATTGA-1-10x	0.02441464	0.03684924	3.91E-05
16w_SITTE12_GAACGTTTCAGTGGGA-1-10x	0.10819368	0.33514798	0.0033168
16w_SITTE12_GAACTGTCAGGCCTGT-1-10x	0.01902742	0.0176678	3.49E-05
16w_SITTE12_GAAGAATAGCGTTCAT-1-10x	0.22605671	0.7548042	0.00097406
16w_SITTE12_GAAGCCCTCATGCCGG-1-10x	0.14336784	0.46038705	0.0018716
16w_SITTE12_GAAGCGAAGAGGGTGG-1-10x	0.23510838	0.787033	0.00090964
16w_SITTE12_GAAGCGAAGATTGATG-1-10x	0.02092844	0.02443646	3.62E-05
16w_SITTE12_GAAGCGACACCCTAGG-1-10x	0.26990783	0.9109379	0.00075499
16w_SITTE12_GAAGCGAGTCGTGTTA-1-10x	0.23583303	0.7896132	0.00090278
16w_SITTE12_GAAGCGATCCCTTGGT-1-10x	0.0242137	0.03613377	3.91E-05
16w_SITTE12_GAAGGACAGTAGCAAT-1-10x	0.05385871	0.14168608	0.00019264
16w_SITTE12_GAAGGGTGTCTTCGAA-1-10x	0.01613829	0.00738093	3.33E-05
16w_SITTE12_GAAGTAAAGACGACTG-1-10x	0.08100047	0.23832542	0.0029431
16w_SITTE12_GAAGTAAAGGGAGTGG-1-10x	0.0966117	0.29390985	0.0043435
16w_SITTE12_GAATCGTAGCTGTTCA-1-10x	0.08491956	0.25227952	0.0036353
16w_SITTE12_GAATCGTCAAATCAGA-1-10x	0.21635641	0.72026587	0.001055
16w_SITTE12_GAATCGTCCGACGGT-1-10x	0.08524392	0.2534344	0.0037839
16w_SITTE12_GACACGCCATAGAATG-1-10x	0.04180132	0.0987552	7.82E-05
16w_SITTE12_GACAGCCTCTGTGCTC-1-10x	0.1081015	0.33481976	0.0033168
16w_SITTE12_GACATCATACAATGC-1-10x	0.03117532	0.06092089	4.68E-05
16w_SITTE12_GACATCATCTACGCGG-1-10x	0.17071515	0.5577583	0.0016421
16w_SITTE12_GACCAATGTTTGCAGT-1-10x	0.15075316	0.48668277	0.0018676
16w_SITTE12_GACCAATTCGGACAAG-1-10x	0.2452178	0.823028	0.00084014
16w_SITTE12_GACCCAGGTACCGTCG-1-10x	0.05860966	0.15860203	0.00031414
16w_SITTE12_GACCGTGAGGTTACAA-1-10x	0.0788755	0.2307594	0.002576
16w_SITTE12_GACCGTGCATGCGTGC-1-10x	0.12873723	0.40829414	0.0019821
16w_SITTE12_GACCGTGGTTCAATCG-1-10x	0.03257785	0.06591468	5.00E-05
16w_SITTE12_GACCGTGTCTGTGCGG-1-10x	0.01740085	0.01187634	3.44E-05
16w_SITTE12_GACGCTGCATCGTGCG-1-10x	0.1941089	0.64105266	0.0012624
16w_SITTE12_GACGTTAAGATCGCTT-1-10x	0.2518136	0.8465126	0.00080467
16w_SITTE12_GACGTTAAGTACAGAT-1-10x	0.03215746	0.06441784	4.83E-05
16w_SITTE12_GACGTTAGTTCGGCTG-1-10x	0.06015269	0.16409604	0.00038577
16w_SITTE12_GACTATGGTTCAAAGA-1-10x	0.2707215	0.913835	0.00075418
16w_SITTE12_GACTCAACAACGATC-1-10x	0.06242513	0.17218718	0.00047505
16w_SITTE12_GACTCAATCATCTATC-1-10x	0.07982512	0.23414053	0.0027593
16w_SITTE12_GACTCTCAGCCGCTTG-1-10x	0.03977972	0.09155722	6.67E-05
16w_SITTE12_GACTGATCATGTGACT-1-10x	0.08002043	0.23483594	0.0027593

16w_SITTE12_GAGAAATCAGATACCT-1-10x	0.23556986	0.78867614	0.00090278
16w_SITTE12_GAGACCCAGTCACGAG-1-10x	0.09104746	0.27409816	0.0043535
16w_SITTE12_GAGACCCAGTGTAGAT-1-10x	0.07894161	0.23099478	0.002576
16w_SITTE12_GAGACTTAGTGATGGC-1-10x	0.22771649	0.7607139	0.00096676
16w_SITTE12_GAGACTTCAGAGATGC-1-10x	0.08679498	0.25895703	0.0039187
16w_SITTE12_GAGACTTTCGGAACCT-1-10x	0.09889225	0.30202985	0.0042345
16w_SITTE12_GAGAGGTCACTGCGAC-1-10x	0.16262034	0.5289363	0.001776
16w_SITTE12_GAGCCTGCAAGAGTAT-1-10x	0.21537527	0.7167725	0.0010625
16w_SITTE12_GAGCCTGCAGCACCCA-1-10x	0.20748515	0.6886794	0.001126
16w_SITTE12_GAGCCTGTATGCCGG-1-10x	0.13147615	0.41804618	0.001934
16w_SITTE12_GAGCTGCTCTACTGCC-1-10x	0.16792884	0.5478375	0.0016902
16w_SITTE12_GAGGCAAGTCCAGCGT-1-10x	0.08154742	0.24027285	0.0031253
16w_SITTE12_GAGGCCTGTGATCGTT-1-10x	0.12849179	0.40742025	0.0019821
16w_SITTE12_GAGGGTAAGATTGACA-1-10x	0.11538733	0.36076126	0.002594
16w_SITTE12_GAGGGTAAGCGTATGG-1-10x	0.09697974	0.2952203	0.0043435
16w_SITTE12_GAGGGTACAGATTCGT-1-10x	0.0826893	0.24433857	0.0033032
16w_SITTE12_GAGGGTATCACTTGGA-1-10x	0.08490196	0.25221682	0.0036353
16w_SITTE12_GAGGGTATCGCGCTGA-1-10x	0.28769922	0.9742849	0.00075864
16w_SITTE12_GAGTCATGTTCGAACT-1-10x	0.08044411	0.23634446	0.0029431
16w_SITTE12_GAGTCATTCATTACCT-1-10x	0.02316586	0.0324029	3.83E-05
16w_SITTE12_GAGTCTAAGAGAGTGA-1-10x	0.03272237	0.06642924	5.00E-05
16w_SITTE12_GAGTCTACAAGTAGAA-1-10x	0.22342883	0.7454475	0.00099599
16w_SITTE12_GAGTCTACACTTCATT-1-10x	0.09637728	0.29307517	0.0043435
16w_SITTE12_GAGTGAGCAAATTGGA-1-10x	0.27832446	0.94090563	0.00075239
16w_SITTE12_GAGTGAGGTCAGTCCG-1-10x	0.10586984	0.32687384	0.00352
16w_SITTE12_GAGTGTTTCAGGTAAA-1-10x	0.23572588	0.78923166	0.00090278
16w_SITTE12_GAGTTACGTTCCACGG-1-10x	0.054022	0.14226748	0.00021164
16w_SITTE12_GAGTTTGAGCGGATCA-1-10x	0.1063745	0.3286707	0.00352
16w_SITTE12_GATAGAAAGGACAAGA-1-10x	0.19578062	0.6470049	0.0012511
16w_SITTE12_GATAGAAAGTGGACGT-1-10x	0.05324874	0.13951424	0.00019264
16w_SITTE12_GATCACACACCACTGG-1-10x	0.1291416	0.40973392	0.0019639
16w_SITTE12_GATCACACAGGAATCG-1-10x	0.2763829	0.9339926	0.00075214
16w_SITTE12_GATCACATCACACGAT-1-10x	0.04289828	0.10266098	8.29E-05
16w_SITTE12_GATCAGTAGCATTGTC-1-10x	0.07682619	0.22346272	0.0022191
16w_SITTE12_GATCATGAGCTACTGT-1-10x	0.12292116	0.3875858	0.0021479
16w_SITTE12_GATCATGCACTACACA-1-10x	0.04665658	0.11604256	0.00010777
16w_SITTE12_GATCATGTCCGCGATG-1-10x	0.01810294	0.01437616	3.44E-05
16w_SITTE12_GATCCCTCAGCTTCCT-1-10x	0.04830715	0.12191949	0.00011598
16w_SITTE12_GATCCCTGTACCAGAG-1-10x	0.21820396	0.72684413	0.00104
16w_SITTE12_GATCCCTGTCACGACC-1-10x	0.25522587	0.8586622	0.00078825
16w_SITTE12_GATCGTACAAAGCTAA-1-10x	0.13603605	0.43428192	0.0018891

16w_SITTE12_GATGAGGTCTTACACT-1-10x	0.01849993	0.01578964	3.49E-05
16w_SITTE12_GATGGAGCAACTCATG-1-10x	0.04584081	0.113138	0.00010046
16w_SITTE12_GATGGAGCATCGGATT-1-10x	0.09124571	0.27480403	0.0043535
16w_SITTE12_GATGTTGTCGGTTCGGT-1-10x	0.077737	0.22670572	0.0023954
16w_SITTE12_GATTCGAAGTAAACAC-1-10x	0.15513986	0.5023018	0.0018522
16w_SITTE12_GATTCGAGTAGAGATT-1-10x	0.02740275	0.04748853	4.19E-05
16w_SITTE12_GATTCGATCAGCTAGT-1-10x	0.07419416	0.2140913	0.0017292
16w_SITTE12_GATTGGTTCTACGGGC-1-10x	0.06871057	0.19456673	0.00097948
16w_SITTE12_GATTTCTCAAGGTCGA-1-10x	0.14158604	0.45404285	0.0018724
16w_SITTE12_GCAACATGTACTAACC-1-10x	0.12085839	0.3802412	0.0022308
16w_SITTE12_GCAACCGGTAGCTGTT-1-10x	0.28454044	0.96303797	0.00075605
16w_SITTE12_GCACATATCCCTTTGG-1-10x	0.06098854	0.16707213	0.00042799
16w_SITTE12_GCACATATCTTGATG-1-10x	0.0514704	0.1331824	0.00016076
16w_SITTE12_GCACGTGCATCCCACT-1-10x	0.08191793	0.24159206	0.0031253
16w_SITTE12_GCACGTGGTCCGAAGA-1-10x	0.13957861	0.44689533	0.001875
16w_SITTE12_GCACTAAAGCTAAATG-1-10x	0.22327417	0.7448968	0.00099599
16w_SITTE12_GCACTAAGTTGGTACT-1-10x	0.0468891	0.11687049	0.00010777
16w_SITTE12_GCACTAATCTAGAACC-1-10x	0.03748015	0.08336953	6.07E-05
16w_SITTE12_GCAGCCAAGCGTCTCG-1-10x	0.14374389	0.46172598	0.0018716
16w_SITTE12_GCAGCCACACTAGGTT-1-10x	0.04957501	0.12643376	0.00013566
16w_SITTE12_GCAGCCAGTGTTGATC-1-10x	0.05308567	0.13893361	0.00019264
16w_SITTE12_GCAGCCAGTTATCTGG-1-10x	0.07658756	0.22261308	0.0022191
16w_SITTE12_GCAGCTGCACAACGTT-1-10x	0.20554368	0.6817667	0.001143
16w_SITTE12_GCAGCTGGTATGCTTG-1-10x	0.09945386	0.3040295	0.0041652
16w_SITTE12_GCAGCTGGTCCATACA-1-10x	0.02953687	0.05508713	4.42E-05
16w_SITTE12_GCAGGCTGTCTCGGGT-1-10x	0.0831851	0.24610388	0.0034742
16w_SITTE12_GCAGTTAAGTTGCGCC-1-10x	0.09129662	0.27498528	0.0043535
16w_SITTE12_GCAGTTAGTAACACGG-1-10x	0.01857313	0.01605029	3.49E-05
16w_SITTE12_GCAGTTATCTCTATGT-1-10x	0.07644646	0.22211069	0.0020486
16w_SITTE12_GCATCGGCAGGTTCCGC-1-10x	0.20029229	0.6630689	0.0011985
16w_SITTE12_GCATCTCCAGACTGCC-1-10x	0.06097952	0.16703999	0.00042799
16w_SITTE12_GCATGATTCCCATTTA-1-10x	0.05684014	0.15230156	0.00028394
16w_SITTE12_GCATTAGCACGCTGTG-1-10x	0.24627922	0.82680726	0.00083459
16w_SITTE12_GCATTAGGTGACAGCA-1-10x	0.05339244	0.14002591	0.00019264
16w_SITTE12_GCATTAGGTTTAGAGA-1-10x	0.10257506	0.31514263	0.0039137
16w_SITTE12_GCCAACGGTGTCCACG-1-10x	0.09146253	0.27557603	0.0043535
16w_SITTE12_GCCAGCACAATAACCC-1-10x	0.01821306	0.01476823	3.44E-05
16w_SITTE12_GCCAGCACACTAGGTT-1-10x	0.24694647	0.82918304	0.0008292
16w_SITTE12_GCCAGCAGTATGGGAC-1-10x	0.04348218	0.10474002	8.29E-05
16w_SITTE12_GCCAGCAGTTGGTACT-1-10x	0.2595868	0.8741895	0.00077499
16w_SITTE12_GCCAGTGAGTATGACA-1-10x	0.04815909	0.12139234	0.00011598

16w_SITTE12_GCCAGTGCATGAAGCG-1-10x	0.04903828	0.12452272	0.00012523
16w_SITTE12_GCCAGTGGTGACAACG-1-10x	0.09697212	0.29519314	0.0043435
16w_SITTE12_GCCAGTGGTGACTATC-1-10x	0.2545873	0.8563885	0.00079207
16w_SITTE12_GCCATGGGTTGGCTAT-1-10x	0.20083816	0.6650125	0.0011888
16w_SITTE12_GCCATGGTCTCGGTCT-1-10x	0.02360398	0.03396284	3.83E-05
16w_SITTE12_GCCCAGACACGACTA-1-10x	0.04131766	0.09703312	7.40E-05
16w_SITTE12_GCCCAGATCGTCTCAC-1-10x	0.08526057	0.2534937	0.0037839
16w_SITTE12_GCCCGAACAGGACATG-1-10x	0.01739755	0.01186458	3.44E-05
16w_SITTE12_GCCCGAAGTCAGTTTG-1-10x	0.12186933	0.38384068	0.0021873
16w_SITTE12_GCCCGAATCGACCCAG-1-10x	0.08254366	0.24382003	0.0033032
16w_SITTE12_GCCGATGAGTGGTTAA-1-10x	0.2756821	0.9314974	0.00075214
16w_SITTE12_GCCTGTTAGCACTAAA-1-10x	0.21997362	0.7331451	0.0010253
16w_SITTE12_GCCTGTTAGGGAGGTG-1-10x	0.12937212	0.4105547	0.0019639
16w_SITTE12_GCGATCGAGATTGAGT-1-10x	0.12734237	0.4033277	0.0020026
16w_SITTE12_GCGATCGGTCATCCCT-1-10x	0.26789325	0.90376496	0.00075705
16w_SITTE12_GCGGAAACAATACAGA-1-10x	0.22641441	0.75607777	0.00097406
16w_SITTE12_GCGGAAACAATCATT-1-10x	0.04414783	0.10711006	8.81E-05
16w_SITTE12_GCGGAAACATCGATGT-1-10x	0.21068116	0.7000589	0.0011014
16w_SITTE12_GCGGATCAGTGCCTCG-1-10x	0.25102153	0.8436925	0.00080923
16w_SITTE12_GCGGATCGTAGCCAGA-1-10x	0.20403121	0.67638147	0.0011608
16w_SITTE12_GCGGATCTCGCCAGAC-1-10x	0.09323884	0.28190064	0.0044107
16w_SITTE12_GCGGATCTCTCACTCG-1-10x	0.25292233	0.85046035	0.00080028
16w_SITTE12_GCGTGCAAGTAGTCAA-1-10x	0.2299087	0.76851934	0.00094498
16w_SITTE12_GCGTTTCCAGAACATA-1-10x	0.21362244	0.7105314	0.0010778
16w_SITTE12_GCTACAAGTATCAAGA-1-10x	0.04634347	0.11492773	0.00010046
16w_SITTE12_GCTACCTCAATTCACG-1-10x	0.0930125	0.28109476	0.0044107
16w_SITTE12_GCTACCTCAGAATTCC-1-10x	0.07687411	0.22363335	0.0022191
16w_SITTE12_GCTACCTCAGCGATTT-1-10x	0.23821652	0.7980997	0.00088278
16w_SITTE12_GCTACCTCATTGCTGA-1-10x	0.04525998	0.11106993	9.39E-05
16w_SITTE12_GCTCAAAGACGCATG-1-10x	0.05068943	0.13040173	0.00014746
16w_SITTE12_GCTCAAAGTACGAGTG-1-10x	0.04436132	0.10787022	8.81E-05
16w_SITTE12_GCTCAAAGTAGCGCCT-1-10x	0.26322058	0.8871277	0.00076511
16w_SITTE12_GCTCAAAGTTGAGAGC-1-10x	0.2574343	0.8665254	0.00078121
16w_SITTE12_GCTGAATAGACGCCCT-1-10x	0.08323569	0.24628401	0.0034742
16w_SITTE12_GCTGAATCAGTCAACT-1-10x	0.27421385	0.92626965	0.00075233
16w_SITTE12_GCTGCAGAGCTGTACT-1-10x	0.26683265	0.8999886	0.00075831
16w_SITTE12_GCTGGGTGTAGCGATG-1-10x	0.26533675	0.8946624	0.00075974
16w_SITTE12_GCTTACCACCCAAGC-1-10x	0.03553784	0.07645385	5.58E-05
16w_SITTE12_GCTTCACTCATAAGGA-1-10x	0.25890976	0.87177885	0.00077499
16w_SITTE12_GCTTGGGCACGACGCT-1-10x	0.02477547	0.03813399	3.91E-05
16w_SITTE12_GCTTGGGCACGTCATA-1-10x	0.24219708	0.81227267	0.00085764

16w_SITTE12_GCTTGGGGTCCGATCG-1-10x	0.24984567	0.83950573	0.00081397
16w_SITTE12_GCTTTCGAGACTCTAC-1-10x	0.03267978	0.06627761	5.00E-05
16w_SITTE12_GCTTTCGGTCCGTGTCT-1-10x	0.07618048	0.22116366	0.0020486
16w_SITTE12_GGAACCCAGGAGGCAG-1-10x	0.25481153	0.8571869	0.00079207
16w_SITTE12_GGAACCCAGTTCGCAT-1-10x	0.24431694	0.81982046	0.00084583
16w_SITTE12_GGAATCTCAACAAGAT-1-10x	0.14456968	0.46466625	0.0018716
16w_SITTE12_GGAATCTTCAGTCCGG-1-10x	0.22358082	0.74598867	0.00099599
16w_SITTE12_GGAATGGGTTCGACGCT-1-10x	0.18877955	0.6220773	0.001338
16w_SITTE12_GGACGTCAAGTAAACAGT-1-10x	0.2665855	0.8991086	0.00075831
16w_SITTE12_GGACGTCAAGTATGAAC-1-10x	0.04660146	0.11584631	0.00010777
16w_SITTE12_GGAGAACAGCGACCCT-1-10x	0.2576302	0.8672229	0.00078121
16w_SITTE12_GGAGAACGTGTAGCAG-1-10x	0.27676225	0.9353433	0.00075222
16w_SITTE12_GGAGATGAGTGCAAAT-1-10x	0.2685761	0.9061962	0.00075594
16w_SITTE12_GGAGATGTCTCTAGGA-1-10x	0.21503724	0.7155689	0.0010625
16w_SITTE12_GGAGATGTCTGCTGAA-1-10x	0.12036518	0.3784851	0.0022788
16w_SITTE12_GGAGCAACAAATGGTA-1-10x	0.1529393	0.49446663	0.0018617
16w_SITTE12_GGAGCAACAGTAGTTC-1-10x	0.11145686	0.34676665	0.002929
16w_SITTE12_GGAGCAAGTTCACCG-1-10x	0.24771509	0.8319197	0.00082396
16w_SITTE12_GGAGGATAGCCTTCTC-1-10x	0.04309473	0.10336046	8.29E-05
16w_SITTE12_GGAGGATAGGTGCGAT-1-10x	0.14650118	0.47154343	0.0018717
16w_SITTE12_GGAGGATGTCACAGTT-1-10x	0.03022567	0.05753963	4.55E-05
16w_SITTE12_GGAGGTAAGACGTCCC-1-10x	0.01847986	0.0157182	3.49E-05
16w_SITTE12_GGAGGTAGTTGCATGT-1-10x	0.23567401	0.78904694	0.00090278
16w_SITTE12_GGATCTATCCGCACTT-1-10x	0.04744245	0.11884071	0.00011598
16w_SITTE12_GGATGTTTCCTTCTAA-1-10x	0.0495826	0.12646082	0.00013566
16w_SITTE12_GGCACGTGTAACGTTTC-1-10x	0.12740436	0.40354842	0.0020026
16w_SITTE12_GGCACGTTCGATAGT-1-10x	0.02259596	0.03037374	3.76E-05
16w_SITTE12_GGCACGTTCGTGGCTG-1-10x	0.04416142	0.10715845	8.81E-05
16w_SITTE12_GGCAGTCAGCCGTTAT-1-10x	0.26465434	0.89223266	0.00076135
16w_SITTE12_GGCAGTCAGTACCCTA-1-10x	0.04458209	0.10865628	8.81E-05
16w_SITTE12_GGCGTCATCTCCAAGA-1-10x	0.11601274	0.36298805	0.0025211
16w_SITTE12_GGCTGTGCAGATCACT-1-10x	0.16993459	0.554979	0.0016584
16w_SITTE12_GGCTGTGGTGGAGGTT-1-10x	0.20546092	0.681472	0.001143
16w_SITTE12_GGCTTTCAGCAACTTC-1-10x	0.04869026	0.12328358	0.00012523
16w_SITTE12_GGCTTTCACCACTGG-1-10x	0.29048213	0.98419356	0.00076163
16w_SITTE12_GGCTTTCGTGATCATC-1-10x	0.03321917	0.06819814	5.00E-05
16w_SITTE12_GGCTTTCCTATCGCC-1-10x	0.2516459	0.84591556	0.00080467
16w_SITTE12_GGGAAGTCAGCATACT-1-10x	0.06837019	0.19335479	0.00097948
16w_SITTE12_GGGAAGTCTTGGCTC-1-10x	0.28934512	0.98014516	0.0007606
16w_SITTE12_GGGACAAGTACATTGC-1-10x	0.08032712	0.23592794	0.0029431
16w_SITTE12_GGGACAAGTTCAAAGA-1-10x	0.18578745	0.6114238	0.0013809

16w_SITTE12_GGGACAATCTCAATCT-1-10x	0.08985407	0.26984903	0.0042999
16w_SITTE12_GGGACCTAGTTTCGAC-1-10x	0.0480861	0.12113244	0.00011598
16w_SITTE12_GGGACTCAGAGGCCAT-1-10x	0.02822818	0.0504275	4.30E-05
16w_SITTE12_GGGAGATAGCCAACCC-1-10x	0.1719467	0.56214327	0.0016256
16w_SITTE12_GGGAGATGTCTCGGGT-1-10x	0.01579092	0.00614411	3.33E-05
16w_SITTE12_GGGAGATGTGCCACA-1-10x	0.09202784	0.27758884	0.0043903
16w_SITTE12_GGGAGTAAGCTCGTGC-1-10x	0.06713042	0.18894054	0.00079936
16w_SITTE12_GGGAGTATCGGATTAC-1-10x	0.12279082	0.3871217	0.0021479
16w_SITTE12_GGGATCCAGTTCTCTT-1-10x	0.28279763	0.9568326	0.00075462
16w_SITTE12_GGGATCCCACCAAATC-1-10x	0.0578953	0.1560585	0.00031414
16w_SITTE12_GGGATCCGTACGCGTC-1-10x	0.02670004	0.04498647	4.09E-05
16w_SITTE12_GGGATGACAACTCGAT-1-10x	0.18726939	0.6167003	0.0013662
16w_SITTE12_GGGATGACTGTGTA-1-10x	0.0781989	0.2283503	0.0023954
16w_SITTE12_GGGATGATCCCGAATA-1-10x	0.21694581	0.7223644	0.0010475
16w_SITTE12_GGGCCATTCCCTGGTT-1-10x	0.06424113	0.17865312	0.00058553
16w_SITTE12_GGGCGTTAGAAGTATC-1-10x	0.01683739	0.0098701	3.38E-05
16w_SITTE12_GGGCGTTAGGAGTACC-1-10x	0.02389883	0.03501268	3.83E-05
16w_SITTE12_GGGCTACCACTTGACA-1-10x	0.12848493	0.40739584	0.0019821
16w_SITTE12_GGGCTCAAGATGTTGA-1-10x	0.02835672	0.05088516	4.30E-05
16w_SITTE12_GGGTAGAAGAAGAGCA-1-10x	0.01832066	0.01515137	3.49E-05
16w_SITTE12_GGGTCACTCAACTACG-1-10x	0.04252125	0.10131856	7.82E-05
16w_SITTE12_GGGTCTGAGCTCCGAC-1-10x	0.15179133	0.49037924	0.0018651
16w_SITTE12_GGGTCTGGTCCACGCA-1-10x	0.05964137	0.16227546	0.00038577
16w_SITTE12_GGGTCTGTCTTAGTTC-1-10x	0.24957447	0.83854014	0.00081397
16w_SITTE12_GGGTGAACATTGTAGC-1-10x	0.03846172	0.08686443	6.36E-05
16w_SITTE12_GGGTGTCCAGGAATCG-1-10x	0.03142289	0.06180238	4.68E-05
16w_SITTE12_GGGTTATGTTGGGACA-1-10x	0.21890165	0.7293283	0.0010326
16w_SITTE12_GGGTTATTCTGAGCAT-1-10x	0.04783846	0.12025072	0.00011598
16w_SITTE12_GGGTTTAAGGTAAGAG-1-10x	0.05200635	0.13509068	0.00016076
16w_SITTE12_GGGTTTAGTTCCACAA-1-10x	0.1637452	0.53294146	0.001763
16w_SITTE12_GGTAAGTAGTAGACAT-1-10x	0.12507747	0.39526343	0.0020803
16w_SITTE12_GGTAAGTACGATAGG-1-10x	0.26977947	0.9104809	0.00075499
16w_SITTE12_GGTAAGTACAGATTA-1-10x	0.13514273	0.4311012	0.0018953
16w_SITTE12_GGTAGAGTCTCTATGT-1-10x	0.27912155	0.94374377	0.00075266
16w_SITTE12_GGTGAAGAGGGTTTCT-1-10x	0.2427311	0.814174	0.00085764
16w_SITTE12_GGTGATTGTACCTATG-1-10x	0.04943464	0.12593399	0.00013566
16w_SITTE12_GGTGATTGTGTTACAC-1-10x	0.2939834	0.99666	0.000766
16w_SITTE12_GGTGGCTCAAATCGGG-1-10x	0.2635973	0.88846904	0.00076313
16w_SITTE12_GGTGGCTCACATAACC-1-10x	0.07180315	0.20557798	0.0013138
16w_SITTE12_GGTGTGAGGTCGTAG-1-10x	0.20145854	0.66722137	0.0011888
16w_SITTE12_GGTGTGTCCTCTAAT-1-10x	0.10359275	0.31876618	0.0038193

16w_SITTE12_GGTGTTAAGTAGACAT-1-10x	0.27208602	0.9186935	0.000753
16w_SITTE12_GGTGTTAGTAGTCGTT-1-10x	0.04729655	0.11832121	0.00010777
16w_SITTE12_GGTGTTATCTATACTC-1-10x	0.04338837	0.10440598	8.29E-05
16w_SITTE12_GGTAAACCAGCTGTCTG-1-10x	0.28317967	0.9581928	0.00075462
16w_SITTE12_GGTTCTCGTTTCGACA-1-10x	0.03456025	0.0729731	5.37E-05
16w_SITTE12_GGTTCTCTCCGTGTCT-1-10x	0.10763481	0.3331581	0.0033168
16w_SITTE12_GGTTGTACAACGACTT-1-10x	0.08522	0.25334924	0.0037839
16w_SITTE12_GTAACACTCCCTCATG-1-10x	0.0278092	0.04893569	4.30E-05
16w_SITTE12_GTAACACTCGCGTAGC-1-10x	0.11116364	0.34572265	0.0030221
16w_SITTE12_GTAACCAGTGTTCCAA-1-10x	0.24115925	0.80857736	0.00086374
16w_SITTE12_GTAAGTCAGCAACTCT-1-10x	0.04139084	0.0972937	7.40E-05
16w_SITTE12_GTAATGCAGTAGAGTT-1-10x	0.03709243	0.08198901	6.07E-05
16w_SITTE12_GTAATGCTCTGGGAGA-1-10x	0.0898859	0.26996237	0.0042999
16w_SITTE12_GTACAACAGTTGGCGA-1-10x	0.03595466	0.07793795	5.58E-05
16w_SITTE12_GTACAACGTGGCACTC-1-10x	0.08586626	0.25565025	0.0037839
16w_SITTE12_GTACAGTCAATACGCT-1-10x	0.07452212	0.21525902	0.0017292
16w_SITTE12_GTACAGTGTATGGAAT-1-10x	0.2562695	0.8623781	0.00078463
16w_SITTE12_GTAGAAAAGGGCGAGA-1-10x	0.01503647	0.00345786	3.27E-05
16w_SITTE12_GTAGAGGCACAACCGC-1-10x	0.2808877	0.9500322	0.00075348
16w_SITTE12_GTAGAGGGTCTGAATGG-1-10x	0.27683714	0.93561	0.00075222
16w_SITTE12_GTAGATCCACGCTGAC-1-10x	0.0486159	0.1230188	0.00012523
16w_SITTE12_GTAGATCGTATGCTTG-1-10x	0.26282188	0.8857081	0.00076511
16w_SITTE12_GTAGCTACACTGGAAG-1-10x	0.16805102	0.5482725	0.0016902
16w_SITTE12_GTAGCTATCCGGCAAC-1-10x	0.18082114	0.59374106	0.0014587
16w_SITTE12_GTAGGAGAGCTGAAAT-1-10x	0.019908	0.02080315	3.55E-05
16w_SITTE12_GTAGGAGTCTTCTCAA-1-10x	0.02384601	0.03482461	3.83E-05
16w_SITTE12_GTAGTACTCACTACTT-1-10x	0.22135349	0.73805815	0.0010106
16w_SITTE12_GTATTGGTCATCCCGT-1-10x	0.09125934	0.27485254	0.0043535
16w_SITTE12_GTATTTCCAGACATCT-1-10x	0.07866745	0.23001863	0.002576
16w_SITTE12_GTATTTCTCGGCTGTG-1-10x	0.02404082	0.03551821	3.91E-05
16w_SITTE12_GTCAAACCAGACACCC-1-10x	0.09586702	0.2912584	0.0043808
16w_SITTE12_GTCAAACCAGCGTTTA-1-10x	0.15558124	0.5038733	0.0018459
16w_SITTE12_GTCAAACGTAACAGTA-1-10x	0.05634356	0.1505335	0.000257
16w_SITTE12_GTCAAGTAGGCTCTAT-1-10x	0.07346994	0.21151268	0.0015819
16w_SITTE12_GTCAAGTCAACACACT-1-10x	0.07776428	0.22680284	0.0023954
16w_SITTE12_GTCACGGCACGGTAGA-1-10x	0.1039944	0.32019627	0.0037215
16w_SITTE12_GTCACGGTCAGGAACG-1-10x	0.03194566	0.06366374	4.83E-05
16w_SITTE12_GTCAGCGGTTTCGATTG-1-10x	0.01560914	0.00549687	3.33E-05
16w_SITTE12_GTCATCCCACCGTGGT-1-10x	0.19253995	0.63546634	0.0012861
16w_SITTE12_GTCATCCCATGGTACT-1-10x	0.05280498	0.13793422	0.00017575
16w_SITTE12_GTCATGAAGTACTCGT-1-10x	0.05752152	0.15472764	0.00028394

16w_SITTE12_GTCATGAGTGCATTAC-1-10x	0.1399456	0.448202	0.001875
16w_SITTE12_GTCATGAGTTGGACCC-1-10x	0.03128169	0.06129965	4.68E-05
16w_SITTE12_GTCATGATCAATCGGT-1-10x	0.0513497	0.13275264	0.00016076
16w_SITTE12_GTCATTTTCAGAGTGG-1-10x	0.01687199	0.00999329	3.38E-05
16w_SITTE12_GTCATTTTCCTCTCGA-1-10x	0.06150817	0.16892229	0.00047505
16w_SITTE12_GTCATTTTCGCCACTT-1-10x	0.05988499	0.16314289	0.00038577
16w_SITTE12_GTCCCATTCGGTAACT-1-10x	0.0952943	0.28921923	0.0044051
16w_SITTE12_GTCCTCAAGGTCATCT-1-10x	0.01987842	0.02069782	3.55E-05
16w_SITTE12_GTCCTCATCGCTGACG-1-10x	0.02422002	0.03615626	3.91E-05
16w_SITTE12_GTCCTCATCTCGACCT-1-10x	0.26348832	0.888081	0.00076313
16w_SITTE12_GTCGAATGTAACAGGC-1-10x	0.05799078	0.15639849	0.00031414
16w_SITTE12_GTCGTAAAGGTATTGA-1-10x	0.18680868	0.6150599	0.0013662
16w_SITTE12_GTCGTTCAACAACAG-1-10x	0.2312956	0.77345747	0.00093779
16w_SITTE12_GTCGTTCCAAGGGCAT-1-10x	0.27818733	0.9404174	0.00075239
16w_SITTE12_GTCGTTCTGGACTAG-1-10x	0.22901474	0.76533633	0.0009522
16w_SITTE12_GTCTACCAGTCGAAGC-1-10x	0.24165025	0.8103256	0.00086374
16w_SITTE12_GTCTACCGTGCTTATG-1-10x	0.03543195	0.07607681	5.58E-05
16w_SITTE12_GTCTAGAAGATTAGAC-1-10x	0.02223028	0.02907171	3.76E-05
16w_SITTE12_GTCTCACTCGAAGCAG-1-10x	0.23430088	0.7841579	0.00091657
16w_SITTE12_GTCTCACTCGTGGCGT-1-10x	0.01793604	0.0137819	3.44E-05
16w_SITTE12_GTCTGTCCAAGGATGC-1-10x	0.19104962	0.63016	0.0013113
16w_SITTE12_GTCTTTAAGCAAATCA-1-10x	0.1987075	0.6574262	0.0012085
16w_SITTE12_GTCTTTAAGTTAGAAC-1-10x	0.0157142	0.00587095	3.33E-05
16w_SITTE12_GTCTTTACAAATGGTA-1-10x	0.20637843	0.6847388	0.0011344
16w_SITTE12_GTCTTTAGTTTCAGAC-1-10x	0.27657345	0.9346711	0.00075214
16w_SITTE12_GTCTTTATCAGCCTTC-1-10x	0.02835152	0.05086664	4.30E-05
16w_SITTE12_GTGACGCAGACTGAGC-1-10x	0.04838735	0.12220504	0.00012523
16w_SITTE12_GTGACGCAGTGGACTG-1-10x	0.08774185	0.2623284	0.0040384
16w_SITTE12_GTGAGCCGTGGTTTAC-1-10x	0.05117042	0.13211432	0.00016076
16w_SITTE12_GTGAGCCTCACTCACC-1-10x	0.0747353	0.21601804	0.001885
16w_SITTE12_GTGAGCCTCTAGCAAC-1-10x	0.02304469	0.03197146	3.83E-05
16w_SITTE12_GTGAGGAAGTCAGCCC-1-10x	0.16644536	0.54255545	0.0017206
16w_SITTE12_GTGAGGACAAAGAACT-1-10x	0.01898161	0.01750469	3.49E-05
16w_SITTE12_GTGAGGACAACCGCTG-1-10x	0.1182889	0.37109244	0.0023898
16w_SITTE12_GTGAGGACAGCGACAA-1-10x	0.28213188	0.9544622	0.00075401
16w_SITTE12_GTGAGGAGTGCTCTTC-1-10x	0.05449404	0.14394818	0.00021164
16w_SITTE12_GTGAGTTCAAAGGCTG-1-10x	0.16095327	0.52300066	0.0018
16w_SITTE12_GTGATGTCAATGACCT-1-10x	0.03832182	0.08636633	6.36E-05
16w_SITTE12_GTGATGTTCAAACGTC-1-10x	0.07947991	0.23291141	0.0027593
16w_SITTE12_GTGACAGTCCGAGAAG-1-10x	0.01666472	0.00925532	3.38E-05
16w_SITTE12_GTGCTGGGTAGATGTA-1-10x	0.05187856	0.13463566	0.00016076

16w_SITTE12_GTGCTGGTCCCTTATAC-1-10x	0.02328612	0.03283109	3.83E-05
16w_SITTE12_GTGCTTCTCTAGCCAA-1-10x	0.08603151	0.25623867	0.0039187
16w_SITTE12_GTGGAAGTCACTGTCC-1-10x	0.26168156	0.88164794	0.00076727
16w_SITTE12_GTGGAAGTCAGGCGAA-1-10x	0.2313245	0.77356035	0.00093779
16w_SITTE12_GTGGAGAGTGTCTAAC-1-10x	0.04349027	0.10476881	8.29E-05
16w_SITTE12_GTGGCGTAGCAGATAT-1-10x	0.09877262	0.3016039	0.0042345
16w_SITTE12_GTGGCGTAGCGTCTCG-1-10x	0.04379271	0.10584564	8.81E-05
16w_SITTE12_GTGGCGTAGTCCGCCA-1-10x	0.03360756	0.069581	5.17E-05
16w_SITTE12_GTGGCGTGGAGAAA-1-10x	0.02738939	0.04744095	4.19E-05
16w_SITTE12_GTGGCGTTCATTACTC-1-10x	0.1822905	0.59897274	0.0014427
16w_SITTE12_GTGGCGTTCGAACGCC-1-10x	0.19361758	0.6393033	0.0012741
16w_SITTE12_GTGGGAAGTCAAGTTC-1-10x	0.03719195	0.08234337	6.07E-05
16w_SITTE12_GTGGTTACACGGTGCT-1-10x	0.16281018	0.52961224	0.001776
16w_SITTE12_GTGTAACCACGCCAGT-1-10x	0.04676077	0.11641354	0.00010777
16w_SITTE12_GTGTAACCATAACCCA-1-10x	0.12260125	0.3864467	0.0021479
16w_SITTE12_GTGTAACGTCAACCAT-1-10x	0.05060289	0.13009359	0.00014746
16w_SITTE12_GTGTGATCAGGATTCT-1-10x	0.28330758	0.95864826	0.00075531
16w_SITTE12_GTGTGATGTACGTTCA-1-10x	0.02803738	0.04974813	4.30E-05
16w_SITTE12_GTGTGATGTTAGAAGT-1-10x	0.04699971	0.1172643	0.00010777
16w_SITTE12_GTGTGATTCGCACTCT-1-10x	0.1642115	0.53460175	0.0017494
16w_SITTE12_GTGTTAGAGTTTGTGCG-1-10x	0.03039673	0.05814871	4.55E-05
16w_SITTE12_GTGTTAGCAAATACAG-1-10x	0.0445922	0.10869227	8.81E-05
16w_SITTE12_GTGTTCCGTGCTTGG-1-10x	0.09923809	0.30326122	0.0041652
16w_SITTE12_GTGTTCCGTGTTTCATG-1-10x	0.1671822	0.54517907	0.0017056
16w_SITTE12_GTTACCCAGCACGGAT-1-10x	0.0565479	0.15126105	0.000257
16w_SITTE12_GTTACCCTCATGCTAG-1-10x	0.08498035	0.25249594	0.0036353
16w_SITTE12_GTTACGAAGCGATGCA-1-10x	0.24406564	0.81892574	0.00084583
16w_SITTE12_GTTAGACAGATGGCAC-1-10x	0.04086555	0.09542337	7.40E-05
16w_SITTE12_GTTAGACGTATCGCGC-1-10x	0.05040143	0.12937629	0.00014746
16w_SITTE12_GTTAGACGTGAGAGGG-1-10x	0.13203666	0.4200419	0.0019219
16w_SITTE12_GTTAGACTCGGCTCTT-1-10x	0.24094635	0.80781937	0.00086374
16w_SITTE12_GTTAGTGAGAGATTCA-1-10x	0.16165353	0.525494	0.0017883
16w_SITTE12_GTTAGTGCATACAGAA-1-10x	0.03217042	0.064464	4.83E-05
16w_SITTE12_GTTAGTGTCTCACTCG-1-10x	0.0274631	0.04770338	4.19E-05
16w_SITTE12_GTTATGGCAAACACTAGA-1-10x	0.04638227	0.11506588	0.00010046
16w_SITTE12_GTTATGGTCATTTCATC-1-10x	0.02318779	0.03248097	3.83E-05
16w_SITTE12_GTTCATTAGAGCCATG-1-10x	0.03792494	0.08495322	6.07E-05
16w_SITTE12_GTTCCGTGAGCTATAC-1-10x	0.10316051	0.31722715	0.0038193
16w_SITTE12_GTTCCGTTCACCTGTC-1-10x	0.18250658	0.5997421	0.0014427
16w_SITTE12_GTTCCGCTCAACGGTAG-1-10x	0.23925065	0.8017817	0.00087632
16w_SITTE12_GTTGAACAGTGGTGGT-1-10x	0.29343486	0.99470687	0.00076488

16w_SITTE12_GTTGAACGTA CT CGCG-1-10x	0.2331868	0.7801911	0.00092358
16w_SITTE12_GTTGAACTCAAGAATG-1-10x	0.04932385	0.12553953	0.00013566
16w_SITTE12_GTTGCGGAGACCATGG-1-10x	0.11304086	0.3524066	0.0028393
16w_SITTE12_GTTGCTCCACCCATAA-1-10x	0.04231672	0.10059034	7.82E-05
16w_SITTE12_GTTGCTCGTATCCCTC-1-10x	0.05582035	0.14867055	0.000233
16w_SITTE12_GTTGCTCTCATCTATC-1-10x	0.17379703	0.56873137	0.0015922
16w_SITTE12_GTTGCTCTCGACATAC-1-10x	0.02468263	0.0378034	3.91E-05
16w_SITTE12_GTTGTAGCAGCTATTG-1-10x	0.27948835	0.94504976	0.00075303
16w_SITTE12_GTTGTAGGTA CT CGAT-1-10x	0.26999044	0.91123205	0.00075499
16w_SITTE12_GTTGTAGTCAAGAATG-1-10x	0.10972378	0.340596	0.0031181
16w_SITTE12_GTTGTCCAGTAACCTC-1-10x	0.03302744	0.06751545	5.00E-05
16w_SITTE12_GTTGTGACAATCTAGC-1-10x	0.086333	0.25731212	0.0039187
16w_SITTE12_GTTGTGAGTGTTAACCT-1-10x	0.0789226	0.23092708	0.002576
16w_SITTE12_GTTTACTAGTGAGTGC-1-10x	0.08752184	0.26154503	0.0040384
16w_SITTE12_GTTTACTGTATGGAGC-1-10x	0.19429405	0.6417119	0.0012624
16w_SITTE12_GTTTACTTCATCGCAA-1-10x	0.1185915	0.37216982	0.0023898
16w_SITTE12_GTTTACTTCCGTGGTG-1-10x	0.2012841	0.6666002	0.0011888
16w_SITTE12_GTTTACTTCGATACGT-1-10x	0.09122245	0.2747212	0.0043535
16w_SITTE12_GTTTGGAGTATCAAGA-1-10x	0.05375123	0.14130338	0.00019264
16w_SITTE12_GTTTGGATCAATCCAG-1-10x	0.28807	0.9756051	0.0007596
16w_SITTE12_TAACACGGTATCGTTG-1-10x	0.22300367	0.7439337	0.0010033
16w_SITTE12_TAACTTCCACCATAAC-1-10x	0.08027254	0.2357336	0.0027593
16w_SITTE12_TAAGCACCATCTAGAC-1-10x	0.02972669	0.05576299	4.55E-05
16w_SITTE12_TAAGCACCATGAGGG-1-10x	0.08429012	0.25003836	0.0036353
16w_SITTE12_TAAGCACGTCTGCCTT-1-10x	0.07439988	0.21482377	0.0017292
16w_SITTE12_TAAGCACGTTTGTTGG-1-10x	0.04438961	0.10797094	8.81E-05
16w_SITTE12_TAAGCCAAGGCTTAGG-1-10x	0.12975562	0.41192016	0.0019639
16w_SITTE12_TAAGCCATCGTTCAGA-1-10x	0.01738173	0.01180824	3.44E-05
16w_SITTE12_TAACTCTAGCAAGGAA-1-10x	0.04716946	0.11786871	0.00010777
16w_SITTE12_TAACTCTGTTGTGCC-1-10x	0.0360751	0.07836677	5.58E-05
16w_SITTE12_TAACTCCATTAAAGG-1-10x	0.0665901	0.18701671	0.00079936
16w_SITTE12_TAACTCCGTTTCACTT-1-10x	0.27823505	0.94058734	0.00075239
16w_SITTE12_TACACCCAGAGAGCCT-1-10x	0.17507294	0.5732743	0.0015753
16w_SITTE12_TACACCCCACGAGGTA-1-10x	0.14887603	0.47999915	0.0018705
16w_SITTE12_TACACCCGTCATCCCT-1-10x	0.0801556	0.23531722	0.0027593
16w_SITTE12_TACAGGTGTGTAGCAG-1-10x	0.23049343	0.7706013	0.00094498
16w_SITTE12_TACATTCAGGAAGTGA-1-10x	0.0373197	0.08279824	6.07E-05
16w_SITTE12_TACATTCGTCACTTAG-1-10x	0.04957619	0.12643796	0.00013566
16w_SITTE12_TACATTCGTGTCGGT-1-10x	0.0822023	0.2426046	0.0033032
16w_SITTE12_TACATTCTCATGCGGC-1-10x	0.27434808	0.9267476	0.00075233
16w_SITTE12_TACCCACAGCAACAAT-1-10x	0.26647037	0.8986987	0.00075831

16w_SITTE12_TACCCACAGCATCTTG-1-10x	0.18835741	0.62057424	0.001338
16w_SITTE12_TACCCACGTTGTAGCT-1-10x	0.04002932	0.09244593	7.01E-05
16w_SITTE12_TACCCACTCAGAGTGG-1-10x	0.09974049	0.30505005	0.0041652
16w_SITTE12_TACCCGTAGGATTCCT-1-10x	0.02387453	0.03492612	3.83E-05
16w_SITTE12_TACCCGTTCTTCCTAA-1-10x	0.05082068	0.13086903	0.00014746
16w_SITTE12_TACCGAACAAACGGCA-1-10x	0.2845241	0.9629798	0.00075605
16w_SITTE12_TACCGAATCTCGAACA-1-10x	0.2532359	0.85157686	0.00079608
16w_SITTE12_TACCGGGGTGAGTCAG-1-10x	0.17480695	0.57232726	0.0015753
16w_SITTE12_TACCTCGCAGGATGAC-1-10x	0.04904003	0.12452894	0.00012523
16w_SITTE12_TACCTCGTCCGGGACT-1-10x	0.19408181	0.6409562	0.0012624
16w_SITTE12_TACGCTCAGTAACCTC-1-10x	0.07421273	0.2141574	0.0017292
16w_SITTE12_TACGCTCGTCCCACGA-1-10x	0.03555297	0.07650772	5.58E-05
16w_SITTE12_TACGGGCCAGCGCTTG-1-10x	0.09813868	0.29934672	0.0042345
16w_SITTE12_TACGGGCCAGGCGTTC-1-10x	0.06603295	0.18503298	0.00072102
16w_SITTE12_TACGGTACACGCGTCA-1-10x	0.07994916	0.2345822	0.0027593
16w_SITTE12_TACGGTACATGCCGAC-1-10x	0.01906445	0.01779963	3.49E-05
16w_SITTE12_TACGTCCCATCTTTCA-1-10x	0.20063613	0.66429317	0.0011888
16w_SITTE12_TACGTCCTCCTATTTG-1-10x	0.01743004	0.01198026	3.44E-05
16w_SITTE12_TACGTCCTCGTTCATT-1-10x	0.2680191	0.9042131	0.00075705
16w_SITTE12_TACTGCCAGGCTATT-1-10x	0.11608316	0.3632388	0.0025211
16w_SITTE12_TACTTACCAGACCAAG-1-10x	0.03809376	0.08555432	6.36E-05
16w_SITTE12_TACTTACGTACTGGGA-1-10x	0.10452809	0.3220965	0.0037215
16w_SITTE12_TACTTACGTAGGCTCC-1-10x	0.13094723	0.41616294	0.001948
16w_SITTE12_TACTTGTAGTCGAAAT-1-10x	0.04137301	0.09723023	7.40E-05
16w_SITTE12_TACTTGTGTATCGCGC-1-10x	0.04733531	0.11845923	0.00010777
16w_SITTE12_TACTTGTGTGGGTCAA-1-10x	0.25247285	0.8488599	0.00080028
16w_SITTE12_TACTTGTGTAAACAGA-1-10x	0.04802602	0.12091854	0.00011598
16w_SITTE12_TAGACCATCCATTTCGC-1-10x	0.08984265	0.26980835	0.0042999
16w_SITTE12_TAGACTGAGCTTTCCC-1-10x	0.2385934	0.7994416	0.00088278
16w_SITTE12_TAGAGTCGTTGTGGCC-1-10x	0.02549704	0.04070317	4.00E-05
16w_SITTE12_TAGATCGAGACCATTTC-1-10x	0.12708715	0.40241894	0.0020256
16w_SITTE12_TAGATCGGTAGCTAAA-1-10x	0.04987701	0.12750904	0.00013566
16w_SITTE12_TAGCACATCAGACTA-1-10x	0.15206446	0.49135172	0.0018651
16w_SITTE12_TAGGGTTGTAACCTTCG-1-10x	0.13687627	0.43727353	0.0018842
16w_SITTE12_TAGGGTTGTTAAGGA-1-10x	0.05679091	0.1521263	0.000257
16w_SITTE12_TAGGTACAGCCTCAAT-1-10x	0.0306885	0.05918757	4.68E-05
16w_SITTE12_TAGGTTGTCCATTGTT-1-10x	0.10505677	0.32397887	0.0036214
16w_SITTE12_TAGGTTGTGATTCT-1-10x	0.08751676	0.26152694	0.0040384
16w_SITTE12_TAGTGCAAGTCAAGCG-1-10x	0.04821859	0.12160418	0.00011598
16w_SITTE12_TAGTGCAGTCGCTTAA-1-10x	0.24561147	0.82442975	0.00083459
16w_SITTE12_TATACCTGTACGATTC-1-10x	0.09619146	0.29241356	0.0043808

16w_SITTE12_TATCAGGGTATAATGG-1-10x	0.26465884	0.8922487	0.00076135
16w_SITTE12_TATCAGGTCCACGTGG-1-10x	0.02898706	0.05312953	4.42E-05
16w_SITTE12_TATCCTATCCATTTGT-1-10x	0.08815153	0.26378706	0.0041422
16w_SITTE12_TATCGCCAGCGAATGC-1-10x	0.03148682	0.06203002	4.83E-05
16w_SITTE12_TATCGCCAGGGCAGAG-1-10x	0.03031752	0.05786668	4.55E-05
16w_SITTE12_TATCGCCTCTTCGTAT-1-10x	0.27729285	0.93723255	0.00075222
16w_SITTE12_TATCTGTGTAAGAACT-1-10x	0.06650349	0.18670833	0.00079936
16w_SITTE12_TATCTGTGTAGAATGT-1-10x	0.04051872	0.09418847	7.01E-05
16w_SITTE12_TATCTTGGTTACCTTT-1-10x	0.11384448	0.35526788	0.0027534
16w_SITTE12_TATGTTCAAGTTGTAGA-1-10x	0.1314291	0.4178787	0.001934
16w_SITTE12_TATTCCACATCGAAGG-1-10x	0.07430776	0.21449575	0.0017292
16w_SITTE12_TATTGCTCACTTCAAG-1-10x	0.03716502	0.08224747	6.07E-05
16w_SITTE12_TATTGCTGTCCAAAGG-1-10x	0.26477322	0.8926559	0.00076135
16w_SITTE12_TATTGCTTCGTTACCC-1-10x	0.24938846	0.8378778	0.00081397
16w_SITTE12_TATTTGTCGTGGCGT-1-10x	0.09338529	0.28242207	0.0044107
16w_SITTE12_TCAAGACGTGTGAATA-1-10x	0.23847179	0.7990086	0.00088278
16w_SITTE12_TCAAGTGAGCATTGTC-1-10x	0.2737577	0.92464554	0.0007526
16w_SITTE12_TCAAGTGGTGCCGGTT-1-10x	0.08002194	0.23484133	0.0027593
16w_SITTE12_TCAAGTGGTGGCTAGA-1-10x	0.12531964	0.3961257	0.0020803
16w_SITTE12_TCAAGTGGTTTACGTG-1-10x	0.06768123	0.19090173	0.00088537
16w_SITTE12_TCAATCTCAAGTTCGT-1-10x	0.20728827	0.6879783	0.001126
16w_SITTE12_TCAATTCAGCGTCTGC-1-10x	0.24920586	0.8372277	0.00081888
16w_SITTE12_TCACACCAGGTAGCAC-1-10x	0.04703888	0.11740376	0.00010777
16w_SITTE12_TCACACCCAATGTCAC-1-10x	0.01579541	0.0061601	3.33E-05
16w_SITTE12_TCACACCTCGATACAC-1-10x	0.02704319	0.04620828	4.19E-05
16w_SITTE12_TCACACCTCTGAATGC-1-10x	0.08796324	0.26311666	0.0041422
16w_SITTE12_TCACATTTCTGTTATCT-1-10x	0.24216348	0.812153	0.00085764
16w_SITTE12_TCACATTTCTCCGAAA-1-10x	0.16115868	0.52373207	0.0017883
16w_SITTE12_TCACGCTTCGGACCAC-1-10x	0.05252378	0.136933	0.00017575
16w_SITTE12_TCACGCTTCTCTCGAC-1-10x	0.02000761	0.0211578	3.55E-05
16w_SITTE12_TCACGGGAGTACTCGT-1-10x	0.09036657	0.27167383	0.0042999
16w_SITTE12_TCACGGGGTACTGCCG-1-10x	0.07293522	0.20960876	0.0015819
16w_SITTE12_TCACGGGGTCATCGGC-1-10x	0.097965	0.29872832	0.0042943
16w_SITTE12_TCACGGGTCCCGAAAT-1-10x	0.23710199	0.79413134	0.00089602
16w_SITTE12_TCACGGGTTCGTACCTC-1-10x	0.08814408	0.26376054	0.0041422
16w_SITTE12_TCACTATCACGACCTG-1-10x	0.02495169	0.0387614	4.00E-05
16w_SITTE12_TCACTCGAGGTTGTTC-1-10x	0.04439375	0.10798568	8.81E-05
16w_SITTE12_TCACTCGTCTATACTC-1-10x	0.26046786	0.8773265	0.00077221
16w_SITTE12_TCAGCAAAGATGCTAA-1-10x	0.08157572	0.24037363	0.0031253
16w_SITTE12_TCAGCAACACACGTGC-1-10x	0.12405173	0.39161122	0.0021124
16w_SITTE12_TCAGCAACAGTTTCAG-1-10x	0.26276323	0.8854993	0.00076511

16w_SITTE12_TCAGCAATCCGATGCG-1-10x	0.22597559	0.75451535	0.00097406
16w_SITTE12_TCAGCCTAGCAGCAGT-1-10x	0.05610872	0.14969732	0.000257
16w_SITTE12_TCAGCCTCAGCGTTGC-1-10x	0.0820305	0.24199288	0.0031253
16w_SITTE12_TCAGGGCAGGATAATC-1-10x	0.14838469	0.47824976	0.0018713
16w_SITTE12_TCAGGGCCACACGCCA-1-10x	0.14772967	0.4759175	0.0018716
16w_SITTE12_TCAGGGCCATCCAATG-1-10x	0.24301375	0.8151804	0.00085167
16w_SITTE12_TCAGGTAAGTTCACTG-1-10x	0.16034384	0.52083075	0.0018
16w_SITTE12_TCAGTCCCAGAAATTG-1-10x	0.2865778	0.97029203	0.00075773
16w_SITTE12_TCAGTGAAGGTTGTTTC-1-10x	0.10071075	0.3085047	0.0040879
16w_SITTE12_TCAGTTTTTCATCAGTG-1-10x	0.01823388	0.01484237	3.44E-05
16w_SITTE12_TCAGTTTTCTGTTAT-1-10x	0.25984472	0.87510777	0.00077221
16w_SITTE12_TCATATCAGCCTCACG-1-10x	0.08322191	0.24623494	0.0034742
16w_SITTE12_TCATATCAGCTTAGTC-1-10x	0.26319405	0.8870332	0.00076511
16w_SITTE12_TCATATCCACACCTTC-1-10x	0.08388472	0.24859491	0.0034742
16w_SITTE12_TCATATCCAGCACCCA-1-10x	0.05579351	0.148575	0.000233
16w_SITTE12_TCATATCGTCTCGCGA-1-10x	0.27515855	0.9296333	0.00075218
16w_SITTE12_TCATCCGAGCCAGACA-1-10x	0.15484542	0.5012534	0.0018522
16w_SITTE12_TCATCCGAGGTTGCC-1-10x	0.02167625	0.02709909	3.69E-05
16w_SITTE12_TCATCCGAGTGGTCAG-1-10x	0.15270214	0.49362218	0.0018617
16w_SITTE12_TCATGAGGTTGTCAAGT-1-10x	0.16667071	0.54335785	0.0017206
16w_SITTE12_TCATGCCAGCTACTA-1-10x	0.22457857	0.7495412	0.00098869
16w_SITTE12_TCATGCCGTCATCCGG-1-10x	0.0762663	0.22146924	0.0020486
16w_SITTE12_TCATGGAAGGGCAAGG-1-10x	0.2567745	0.8641761	0.00078463
16w_SITTE12_TCATGGAGTCGATTTG-1-10x	0.09623655	0.2925741	0.0043808
16w_SITTE12_TCATGTTCAATTGTGC-1-10x	0.2195329	0.7315759	0.0010253
16w_SITTE12_TCATGTTGTAAGCTCT-1-10x	0.09616234	0.2923099	0.0043808
16w_SITTE12_TCATTACCACCACTGG-1-10x	0.05350021	0.14040962	0.00019264
16w_SITTE12_TCATTCAAGAGAGCGG-1-10x	0.06557125	0.18338905	0.00072102
16w_SITTE12_TCATTCAAGAGTGAAG-1-10x	0.01542311	0.00483451	3.27E-05
16w_SITTE12_TCATTATCTACGGTA-1-10x	0.08696902	0.25957668	0.0040384
16w_SITTE12_TCATTGTTCACTTACCT-1-10x	0.28167096	0.952821	0.00075401
16w_SITTE12_TCATTGTTCCGTTGAA-1-10x	0.03821419	0.08598311	6.36E-05
16w_SITTE12_TCATTTGAGCTCGACC-1-10x	0.05472452	0.14476883	0.00021164
16w_SITTE12_TCATTTGAGGGTCAAC-1-10x	0.10505845	0.3239849	0.0036214
16w_SITTE12_TCATTTGCAGAGTCTT-1-10x	0.03293878	0.06719979	5.00E-05
16w_SITTE12_TCATTTGCAGCCGTT-1-10x	0.08349901	0.24722159	0.0034742
16w_SITTE12_TCATTTGTCTTCGCTG-1-10x	0.04411114	0.10697942	8.81E-05
16w_SITTE12_TCCACCAAGCATATGA-1-10x	0.20529559	0.68088335	0.001143
16w_SITTE12_TCCACGTCACAACCGC-1-10x	0.04496695	0.11002658	9.39E-05
16w_SITTE12_TCCACGTTCCGTCAAA-1-10x	0.04382668	0.10596662	8.81E-05
16w_SITTE12_TCCAGAAGTATTGACC-1-10x	0.04716121	0.11783934	0.00010777

16w_SITTE12_TCCATCGAGGTAAGTT-1-10x	0.12548588	0.39671758	0.0020515
16w_SITTE12_TCCATCGAGTAGTGCG-1-10x	0.08055665	0.2367452	0.0029431
16w_SITTE12_TCCATGCTCTTCGTGC-1-10x	0.01906286	0.01779399	3.49E-05
16w_SITTE12_TCCACATCTGCGATA-1-10x	0.05067575	0.130353	0.00014746
16w_SITTE12_TCCCAGTCAATTCTTC-1-10x	0.12264431	0.38660005	0.0021479
16w_SITTE12_TCCCAGTTCGTTCTCG-1-10x	0.25634536	0.8626482	0.00078463
16w_SITTE12_TCCCATGTCCTAGCTC-1-10x	0.27296406	0.92181975	0.0007526
16w_SITTE12_TCCGATCAGGCGATAC-1-10x	0.10820015	0.335171	0.0033168
16w_SITTE12_TCCGATCTCAAGTGTC-1-10x	0.09360442	0.2832023	0.0044154
16w_SITTE12_TCCGTGTCAGTACTAC-1-10x	0.21218982	0.70543057	0.0010856
16w_SITTE12_TCCGTGTTTCATGCAGT-1-10x	0.22282834	0.74330944	0.0010033
16w_SITTE12_TCCGTGTTCCAAGCTA-1-10x	0.13588263	0.43373564	0.0018891
16w_SITTE12_TCCTAATGTACGACAG-1-10x	0.21504873	0.7156098	0.0010625
16w_SITTE12_TCCTCCCAGCGCCTCA-1-10x	0.04322065	0.10380882	8.29E-05
16w_SITTE12_TCCTCCCACCGTGGT-1-10x	0.19831109	0.65601474	0.0012187
16w_SITTE12_TCCTCTTAGTTGTCAC-1-10x	0.07458323	0.2154766	0.0017292
16w_SITTE12_TCCTCTTGTGGACCC-1-10x	0.21460028	0.7140131	0.0010701
16w_SITTE12_TCCTGCAAGAAGCTGC-1-10x	0.08663753	0.25839642	0.0039187
16w_SITTE12_TCCTGCACAAATTAGG-1-10x	0.22563247	0.7532937	0.00098137
16w_SITTE12_TCCTGCAGTAGTCTTG-1-10x	0.24653316	0.8277114	0.00083459
16w_SITTE12_TCCTTCTAGAATCGCG-1-10x	0.23350997	0.78134185	0.00091657
16w_SITTE12_TCCTTCTAGAGCATCG-1-10x	0.24058628	0.80653733	0.00086997
16w_SITTE12_TCCTTTCAGGGAGGAC-1-10x	0.03967889	0.09119823	6.67E-05
16w_SITTE12_TCGAACAAGGTCCAGA-1-10x	0.03134429	0.06152253	4.68E-05
16w_SITTE12_TCGAACACATACGCAT-1-10x	0.04941857	0.12587674	0.00013566
16w_SITTE12_TCGAAGTAGGTAAACT-1-10x	0.18944012	0.6244293	0.0013244
16w_SITTE12_TCGACCTAGCTCTTCC-1-10x	0.09408762	0.28492275	0.0044154
16w_SITTE12_TCGACCTAGGGCTGAT-1-10x	0.12348161	0.3895813	0.0021479
16w_SITTE12_TCGACCTGTCTGCATA-1-10x	0.03549463	0.07629999	5.58E-05
16w_SITTE12_TCGACCTTCGGTGCAC-1-10x	0.26633865	0.89822966	0.00075831
16w_SITTE12_TCGACGGGTTGGGACA-1-10x	0.18469892	0.60754806	0.0013959
16w_SITTE12_TCGACGGGTTGGGTTT-1-10x	0.16715509	0.5450825	0.0017056
16w_SITTE12_TCGATTTAGATGCCGA-1-10x	0.02710653	0.04643381	4.19E-05
16w_SITTE12_TCGCTCAGTCAAAGTA-1-10x	0.0884891	0.26498902	0.0041422
16w_SITTE12_TCGCTCATCCTCAGGG-1-10x	0.06759303	0.19058768	0.00088537
16w_SITTE12_TCGCTCATCTAACGCA-1-10x	0.06210839	0.17105941	0.00047505
16w_SITTE12_TCGGGACCAATAGGGC-1-10x	0.0498222	0.12731391	0.00013566
16w_SITTE12_TCGGGACGTCATCCGG-1-10x	0.08708397	0.25998598	0.0040384
16w_SITTE12_TCGGGCACATTCTTCA-1-10x	0.04706774	0.11750652	0.00010777
16w_SITTE12_TCGGGCAGTAAGTTGA-1-10x	0.23712318	0.7942068	0.00089602
16w_SITTE12_TCGGGCAGTGTGGTCC-1-10x	0.09897067	0.3023091	0.0042345

16w_SITTE12_TCGGGCATCCGCAAAT-1-10x	0.291172	0.9866499	0.00076269
16w_SITTE12_TCGGGTGGTCAGGAGT-1-10x	0.08135118	0.23957413	0.0031253
16w_SITTE12_TCGGTCTGTATTCTCT-1-10x	0.05891974	0.15970606	0.00034795
16w_SITTE12_TCGGTCTTCCATCTCG-1-10x	0.03018598	0.05739831	4.55E-05
16w_SITTE12_TCGTAGAAGAGTCTGG-1-10x	0.12025202	0.37808222	0.0022788
16w_SITTE12_TCGTAGACAATGGCCC-1-10x	0.14249831	0.45729107	0.0018718
16w_SITTE12_TCGTAGATCCAACACTAG-1-10x	0.05408012	0.1424744	0.00021164
16w_SITTE12_TCGTCCACAACCGCTG-1-10x	0.0981165	0.29926777	0.0042943
16w_SITTE12_TCGTCCACATTGCAAC-1-10x	0.17770529	0.5826469	0.0015248
16w_SITTE12_TCGTCCATCGCCAACG-1-10x	0.2579464	0.8683488	0.000778
16w_SITTE12_TCGTGCTCAAAGGGCT-1-10x	0.10722673	0.33170512	0.0034182
16w_SITTE12_TCGTGCTCACGCAGTC-1-10x	0.15591542	0.50506324	0.0018459
16w_SITTE12_TCGTGCTCAGTTGAAA-1-10x	0.18200266	0.5979479	0.0014427
16w_SITTE12_TCGTGCTTCGTTGCT-1-10x	0.01852593	0.01588224	3.49E-05
16w_SITTE12_TCGTGGGAGAGTCTGG-1-10x	0.05532787	0.14691706	0.000233
16w_SITTE12_TCGTGGGAGTTACGTC-1-10x	0.05183993	0.1344981	0.00016076
16w_SITTE12_TCGTGGGCAGCGTTGC-1-10x	0.13199437	0.41989133	0.0019219
16w_SITTE12_TCTAACTCAAATGGCG-1-10x	0.08926345	0.2677461	0.0042295
16w_SITTE12_TCTAACTACTATCGA-1-10x	0.08065357	0.23709027	0.0029431
16w_SITTE12_TCTAACTGTGAACGGT-1-10x	0.26811197	0.9045437	0.00075705
16w_SITTE12_TCTAACTTCTCAACGA-1-10x	0.08316614	0.24603638	0.0034742
16w_SITTE12_TCTACATAGGCACGAT-1-10x	0.0525899	0.1371684	0.00017575
16w_SITTE12_TCTACATGTCATAAAG-1-10x	0.17727235	0.5811054	0.0015248
16w_SITTE12_TCTACATTCTGCATGA-1-10x	0.0850711	0.25281906	0.0037839
16w_SITTE12_TCTACCGAGGACTTCT-1-10x	0.24821974	0.8337166	0.00082396
16w_SITTE12_TCTACCGGTGGCTGCT-1-10x	0.07369155	0.21230175	0.0015819
16w_SITTE12_TCTCACGGTTTGAAAG-1-10x	0.02652319	0.04435679	4.09E-05
16w_SITTE12_TCTCAGCGTCTGTGTA-1-10x	0.11027822	0.34257007	0.0031181
16w_SITTE12_TCTCAGCTCACCTCAC-1-10x	0.01640596	0.00833399	3.33E-05
16w_SITTE12_TCTCAGCTCTGTCAGA-1-10x	0.08920215	0.26752785	0.0042295
16w_SITTE12_TCTGCCACAAAGAACT-1-10x	0.05500349	0.14576212	0.000233
16w_SITTE12_TCTGCCACATGGCTGC-1-10x	0.02164303	0.02698078	3.69E-05
16w_SITTE12_TCTGCCATCACACCCT-1-10x	0.16649742	0.5427409	0.0017206
16w_SITTE12_TCTGGCTCAGTCTTCC-1-10x	0.02320454	0.03254062	3.83E-05
16w_SITTE12_TCTGTGAGATGGGCT-1-10x	0.05562824	0.14798658	0.000233
16w_SITTE12_TCTTAGTCACACGGTC-1-10x	0.1478003	0.476169	0.0018716
16w_SITTE12_TCTTCTGTTCCGGTG-1-10x	0.05098547	0.13145576	0.00014746
16w_SITTE12_TCTTGCGAGCGTCTGC-1-10x	0.2490789	0.83677566	0.00081888
16w_SITTE12_TCTTGCGTCCGTGTAA-1-10x	0.02978507	0.05597084	4.55E-05
16w_SITTE12_TCTTTGACACAGTACT-1-10x	0.05201383	0.13511728	0.00016076
16w_SITTE12_TCTTTGACAGCTGAGA-1-10x	0.01727689	0.01143498	3.38E-05

16w_SITTE12_TCTTTGACAGTGTGCC-1-10x	0.18133187	0.59555954	0.0014587
16w_SITTE12_TGAACGTTCTGTCAGA-1-10x	0.03466665	0.07335195	5.37E-05
16w_SITTE12_TGAATCGAGGACGGAG-1-10x	0.0991031	0.3027806	0.0041652
16w_SITTE12_TGAATCGAGGATACCG-1-10x	0.09274688	0.28014898	0.0044107
16w_SITTE12_TGAATCGGTTACTTGTG-1-10x	0.11415335	0.35636762	0.0026715
16w_SITTE12_TGAATCGGTTGTCATG-1-10x	0.05038288	0.12931024	0.00014746
16w_SITTE12_TGAATGCCAACAACAA-1-10x	0.09466827	0.2869902	0.0044051
16w_SITTE12_TGAATGCCAGCATACT-1-10x	0.06308443	0.17453463	0.00052741
16w_SITTE12_TGAATGCCATCTATT-1-10x	0.2729183	0.92165685	0.0007526
16w_SITTE12_TGACAGTAGTATGAAC-1-10x	0.14263013	0.4577604	0.0018718
16w_SITTE12_TGACAGTGTTCCCTACC-1-10x	0.08446363	0.25065613	0.0036353
16w_SITTE12_TGACCCTAGCCTAGGA-1-10x	0.0843915	0.25039932	0.0036353
16w_SITTE12_TGACGCGAGTTGCATC-1-10x	0.27236387	0.91968274	0.000753
16w_SITTE12_TGACTCCAGAGTACCG-1-10x	0.2866346	0.9704943	0.00075773
16w_SITTE12_TGACTCCCAGAAACCG-1-10x	0.23720069	0.79448277	0.00088935
16w_SITTE12_TGACTCCTCGTCAACA-1-10x	0.08798454	0.2631925	0.0041422
16w_SITTE12_TGACTCCTCTGATTCT-1-10x	0.21128334	0.702203	0.0010934
16w_SITTE12_TGAGACTCAAGACGGT-1-10x	0.2276544	0.7604928	0.00096676
16w_SITTE12_TGAGCGCAGGCCATAG-1-10x	0.08026297	0.23569953	0.0027593
16w_SITTE12_TGAGCGCAGTAACAGT-1-10x	0.02294845	0.03162881	3.76E-05
16w_SITTE12_TGAGCGCGTAGGCTCC-1-10x	0.10506903	0.32402256	0.0036214
16w_SITTE12_TGAGGAGAGTGTTTAC-1-10x	0.10104026	0.30967793	0.0040036
16w_SITTE12_TGAGGAGCAACTGATC-1-10x	0.04134623	0.09713487	7.40E-05
16w_SITTE12_TGAGGAGCAGACACCC-1-10x	0.23354384	0.78146243	0.00091657
16w_SITTE12_TGAGGAGTCAGTAGGG-1-10x	0.14492375	0.46592692	0.0018716
16w_SITTE12_TGAGGGAAGGTTTACC-1-10x	0.07616236	0.22109915	0.0020486
16w_SITTE12_TGAGGGAGTTGCATTG-1-10x	0.01552628	0.00520184	3.33E-05
16w_SITTE12_TGAGGGATCCCTCAAC-1-10x	0.04001552	0.09239682	7.01E-05
16w_SITTE12_TGAGGTTTCCAGGTGACA-1-10x	0.08358803	0.24753852	0.0034742
16w_SITTE12_TGAGGTTTCCAGGTTTAC-1-10x	0.27582043	0.93198997	0.00075214
16w_SITTE12_TGAGGTTTCCATCGCAA-1-10x	0.20863163	0.6927615	0.0011177
16w_SITTE12_TGAGTCAGTCATCGCG-1-10x	0.09255858	0.27947855	0.0044107
16w_SITTE12_TGAGTCATCACCATAG-1-10x	0.03454993	0.07293636	5.37E-05
16w_SITTE12_TGATCAGAGTGCAGGT-1-10x	0.25837678	0.8698811	0.000778
16w_SITTE12_TGATCAGCAGCCCACA-1-10x	0.08542222	0.25406924	0.0037839
16w_SITTE12_TGATCAGGTCCCACGA-1-10x	0.17844786	0.58529085	0.0015081
16w_SITTE12_TGATCTTGTGCACGCT-1-10x	0.10543358	0.32532054	0.0036214
16w_SITTE12_TGATGCACATTGCCTC-1-10x	0.05333066	0.13980594	0.00019264
16w_SITTE12_TGATGCATCGAAGGAC-1-10x	0.20115031	0.6661239	0.0011888
16w_SITTE12_TGATGGTGTATGTCCA-1-10x	0.06758156	0.19054684	0.00088537
16w_SITTE12_TGATGGTTCAACTGGT-1-10x	0.26004392	0.87581706	0.00077221

16w_SITTE12_TGATTCTAGTAGCAAT-1-10x	0.09046266	0.27201593	0.0042999
16w_SITTE12_TGATTCTCCGTGGTG-1-10x	0.04462528	0.10881003	9.39E-05
16w_SITTE12_TGATTTCCACCGTCGA-1-10x	0.02944785	0.05477016	4.42E-05
16w_SITTE12_TGCACGGAGGTAGACC-1-10x	0.01633896	0.00809541	3.33E-05
16w_SITTE12_TGCAGATAGCTGTTAC-1-10x	0.09703223	0.29540718	0.0043435
16w_SITTE12_TGCAGATTCCAAGGGA-1-10x	0.08917421	0.26742837	0.0042295
16w_SITTE12_TGCAGTAAGTTGCCCG-1-10x	0.08308413	0.24574438	0.0033032
16w_SITTE12_TGCAGTAGTAATGAT-1-10x	0.2680536	0.9043358	0.00075705
16w_SITTE12_TGCATCCAGCAGTCTT-1-10x	0.07917296	0.2318185	0.002576
16w_SITTE12_TGCATCCCAAAGCACG-1-10x	0.04640105	0.11513276	0.00010046
16w_SITTE12_TGCATCCCACGTGAGA-1-10x	0.03280694	0.06673037	5.00E-05
16w_SITTE12_TGCATCCGTGTAAACA-1-10x	0.10543305	0.32531863	0.0036214
16w_SITTE12_TGCATGAAGAGTCTGG-1-10x	0.05001067	0.12798497	0.00013566
16w_SITTE12_TGCCGAGAGATCCGAG-1-10x	0.04434021	0.10779505	8.81E-05
16w_SITTE12_TGCCGAGTCGGCTGTG-1-10x	0.07375208	0.21251723	0.0017292
16w_SITTE12_TGCGACGAGAGAGCCT-1-10x	0.25382644	0.8536795	0.00079608
16w_SITTE12_TGCGACGAGGCCACTC-1-10x	0.0520165	0.1351268	0.00016076
16w_SITTE12_TGCGACGTCATTTGTC-1-10x	0.03520956	0.075285	5.58E-05
16w_SITTE12_TGCGATAAGCAGCACA-1-10x	0.25699812	0.86497235	0.00078121
16w_SITTE12_TGCGATACATGCCATA-1-10x	0.12811816	0.4060899	0.0020026
16w_SITTE12_TGCGGCAGTCAACCAT-1-10x	0.0846213	0.2512175	0.0036353
16w_SITTE12_TGCGGCAGTTCTCCTG-1-10x	0.04698187	0.11720078	0.00010777
16w_SITTE12_TGCGGCATCCAACACA-1-10x	0.13038214	0.4141509	0.001948
16w_SITTE12_TGCGGGTAGGCTGTAG-1-10x	0.09892338	0.30214068	0.0042345
16w_SITTE12_TGCGGGTCAGAACATA-1-10x	0.01553425	0.00523021	3.33E-05
16w_SITTE12_TGCGGGTGTTGCTCAA-1-10x	0.04757063	0.11929708	0.00011598
16w_SITTE12_TGCGGGTTCAGGGATG-1-10x	0.23690036	0.79341346	0.00089602
16w_SITTE12_TGCTCCAAGCGACTTT-1-10x	0.17945552	0.5888787	0.0014915
16w_SITTE12_TGCTCCACAAGCAATA-1-10x	0.05138648	0.13288361	0.00016076
16w_SITTE12_TGCTCCACATAACCACA-1-10x	0.05144483	0.13309136	0.00016076
16w_SITTE12_TGCTCGTAGCTTTCCC-1-10x	0.12649487	0.40031013	0.0020256
16w_SITTE12_TGCTCGTAGGACGCTA-1-10x	0.17932929	0.5884293	0.0014915
16w_SITTE12_TGCTCGTCATGACAGG-1-10x	0.21892276	0.72940344	0.0010326
16w_SITTE12_TGCTCGTGTACTAACC-1-10x	0.27113372	0.91530275	0.00075352
16w_SITTE12_TGCTCGTTCATCGACA-1-10x	0.01527585	0.00431018	3.27E-05
16w_SITTE12_TGCTCGTTCGTTCTGC-1-10x	0.1572594	0.50984854	0.0018385
16w_SITTE12_TGCTGAACACAGCCAC-1-10x	0.01821281	0.01476735	3.44E-05
16w_SITTE12_TGCTGAACATCTGTTT-1-10x	0.08269735	0.24436726	0.0033032
16w_SITTE12_TGCTGAAGTCTACTGA-1-10x	0.14302337	0.45916054	0.0018718
16w_SITTE12_TGCTGAATCTCCGTGT-1-10x	0.04975038	0.12705821	0.00013566
16w_SITTE12_TGCTTCGAGGCCACTC-1-10x	0.04501231	0.1101881	9.39E-05

16w_SITTE12_TGCTTCGAGGCCCACT-1-10x	0.20773862	0.6895819	0.001126
16w_SITTE12_TGCTTCGCAAGTCATC-1-10x	0.03602635	0.07819321	5.58E-05
16w_SITTE12_TGCTTGCGTGCTGCAC-1-10x	0.25540274	0.859292	0.00078825
16w_SITTE12_TGCTTGCTCTCATGGA-1-10x	0.28275064	0.9566653	0.00075462
16w_SITTE12_TGGAACACACGGGCTT-1-10x	0.04469427	0.10905568	9.39E-05
16w_SITTE12_TGGAACACAGAAGTTA-1-10x	0.2635555	0.88832015	0.00076313
16w_SITTE12_TGGAACACAGTCGTTA-1-10x	0.09739852	0.29671136	0.0042943
16w_SITTE12_TGGAACGTAAATGCGG-1-10x	0.08327086	0.24640925	0.0034742
16w_SITTE12_TGGAGGAAGCATTGAA-1-10x	0.04234876	0.1007044	7.82E-05
16w_SITTE12_TGGAGGAAGGTGAGAA-1-10x	0.19977784	0.6612372	0.0011985
16w_SITTE12_TGGATCATCACGATAC-1-10x	0.07795014	0.2274646	0.0023954
16w_SITTE12_TGGATGTAGCTCCACG-1-10x	0.28572997	0.9672733	0.00075686
16w_SITTE12_TGGATGTTCCGATCGG-1-10x	0.21919827	0.7303844	0.0010326
16w_SITTE12_TGGCGTGCATATTCGG-1-10x	0.01807502	0.01427675	3.44E-05
16w_SITTE12_TGGGAAGAGGGCAATC-1-10x	0.10496501	0.32365215	0.0036214
16w_SITTE12_TGGGAAGCATCCCGTT-1-10x	0.04813051	0.12129057	0.00011598
16w_SITTE12_TGGGAGAAGAACTTCC-1-10x	0.12244447	0.38588852	0.0021873
16w_SITTE12_TGGGAGACAAAGGGCT-1-10x	0.04922143	0.12517484	0.00012523
16w_SITTE12_TGGGAGAGTCTAATCG-1-10x	0.11362273	0.35447836	0.0027534
16w_SITTE12_TGGGAGATCTCCACTG-1-10x	0.01549681	0.00509693	3.33E-05
16w_SITTE12_TGGGATTTCAATGCGA-1-10x	0.04740536	0.11870865	0.00010777
16w_SITTE12_TGGGCGTCAGCAGACA-1-10x	0.25933218	0.87328285	0.00077499
16w_SITTE12_TGGGCTGGTACCTAGT-1-10x	0.09249474	0.27925125	0.0043903
16w_SITTE12_TGGGTTAAGTGCAGACA-1-10x	0.08448962	0.2507487	0.0036353
16w_SITTE12_TGGGTTACATGGAACG-1-10x	0.037015	0.08171334	5.82E-05
16w_SITTE12_TGGGTTATCAGGACGA-1-10x	0.11949975	0.3754037	0.0023317
16w_SITTE12_TGGTACAAGTGTACAA-1-10x	0.1171288	0.36696187	0.002453
16w_SITTE12_TGGTACACATGGGAAC-1-10x	0.02192812	0.02799586	3.69E-05
16w_SITTE12_TGGTAGTCAAGACGAC-1-10x	0.16327731	0.5312755	0.001763
16w_SITTE12_TGGTATGTCCGTACG-1-10x	0.13822776	0.44208556	0.0018802
16w_SITTE12_TGGTTAGCACATACGT-1-10x	0.20952937	0.6959579	0.0011095
16w_SITTE12_TGGTTAGCATGTAACC-1-10x	0.08522245	0.25335795	0.0037839
16w_SITTE12_TGGTTAGTCCGACTG-1-10x	0.08450649	0.25080875	0.0036353
16w_SITTE12_TGTAACGGTCCGTTG-1-10x	0.01500548	0.00334751	3.27E-05
16w_SITTE12_TGTAACGGTCTACATG-1-10x	0.04204806	0.09963376	7.82E-05
16w_SITTE12_TGTAAGCAGGTTTCAGG-1-10x	0.04115758	0.09646315	7.40E-05
16w_SITTE12_TGTACAGGTCGTAATA-1-10x	0.0806357	0.23702666	0.0029431
16w_SITTE12_TGTACAGGTCATACATG-1-10x	0.05271764	0.13762325	0.00017575
16w_SITTE12_TGTACAGTCATTGCCC-1-10x	0.04866776	0.12320348	0.00012523
16w_SITTE12_TGTAGACAGTCTTGGT-1-10x	0.10178243	0.31232047	0.0040036
16w_SITTE12_TGTAGACCATCCCGTT-1-10x	0.08223877	0.24273445	0.0033032

16w_SITTE12_TGTCCACAGACGCCCT-1-10x	0.2685793	0.9062076	0.00075594
16w_SITTE12_TGTCCACGTTCCGCAG-1-10x	0.18412618	0.6055088	0.0014112
16w_SITTE12_TGTCCACTCTGAATCG-1-10x	0.1038822	0.31979677	0.0037215
16w_SITTE12_TGTCCCAAGGAGAATG-1-10x	0.03078365	0.05952635	4.68E-05
16w_SITTE12_TGTCCCACAAAGTGTA-1-10x	0.24352287	0.8169932	0.00085167
16w_SITTE12_TGTCCTGCATAGAATG-1-10x	0.04299005	0.10298775	8.29E-05
16w_SITTE12_TGTCCTGTCGTGCGAC-1-10x	0.02385321	0.03485023	3.83E-05
16w_SITTE12_TGTGAGTAGCCATTGT-1-10x	0.04743617	0.11881836	0.00011598
16w_SITTE12_TGTGAGTAGTGGGAAA-1-10x	0.09142327	0.27543625	0.0043535
16w_SITTE12_TGTGAGTAGTGTTCATC-1-10x	0.28087038	0.94997054	0.00075348
16w_SITTE12_TGTGAGTGTGACACAG-1-10x	0.20080662	0.6649002	0.0011888
16w_SITTE12_TGTGATGAGAGAGCGG-1-10x	0.08512095	0.25299653	0.0037839
16w_SITTE12_TGTGATGAGCTAATCC-1-10x	0.13119021	0.4170281	0.001934
16w_SITTE12_TGTGATGTCCGTAGTA-1-10x	0.22966869	0.7676648	0.00094498
16w_SITTE12_TGTGCGGAGCGTCTCG-1-10x	0.04817559	0.12145107	0.00011598
16w_SITTE12_TGTGCGGGTATGTCTG-1-10x	0.07097872	0.20264256	0.0013138
16w_SITTE12_TGTGGCGTCTTTCAA-1-10x	0.15853322	0.514384	0.0018209
16w_SITTE12_TGTGTGAGTATGCTAC-1-10x	0.01535704	0.00459926	3.27E-05
16w_SITTE12_TGTTACTAGCACCTGC-1-10x	0.23940384	0.8023272	0.00087632
16w_SITTE12_TGTTCTACTAGTCAG-1-10x	0.2580979	0.86888814	0.000778
16w_SITTE12_TGTTCTACAGCGTTGC-1-10x	0.24677351	0.8285672	0.0008292
16w_SITTE12_TGTTGAGAGCGCGTTC-1-10x	0.0944797	0.28631878	0.0044051
16w_SITTE12_TGTTGAGGTAGCCCTG-1-10x	0.21299656	0.708303	0.0010778
16w_SITTE12_TGTTGGACATGAGATA-1-10x	0.10026956	0.30693382	0.0040879
16w_SITTE12_TTAATCCCAATTGCCA-1-10x	0.03632492	0.07925627	5.82E-05
16w_SITTE12_TTAATCCGTGCGTTTA-1-10x	0.04749163	0.11901582	0.00011598
16w_SITTE12_TTAATCCTCTTAGTTC-1-10x	0.05280085	0.1379195	0.00017575
16w_SITTE12_TTACAGGGTCGTAATA-1-10x	0.06796257	0.19190346	0.00088537
16w_SITTE12_TTACAGGTCATGACAC-1-10x	0.06247666	0.17237064	0.00052741
16w_SITTE12_TTACAGGTCTGGCCTT-1-10x	0.25800866	0.86857045	0.000778
16w_SITTE12_TTACCATAGGGATCGT-1-10x	0.2664025	0.8984571	0.00075831
16w_SITTE12_TTACCGCGTAAGTCAA-1-10x	0.22357953	0.7459841	0.00099599
16w_SITTE12_TTACCGCGTACCGGAA-1-10x	0.24267025	0.8139574	0.00085764
16w_SITTE12_TTACCGCTCGTAGCCG-1-10x	0.02738539	0.0474267	4.19E-05
16w_SITTE12_TTACGCCCAACCCTAA-1-10x	0.11791511	0.36976153	0.0023898
16w_SITTE12_TTACGTTACGACGCT-1-10x	0.02033997	0.02234121	3.62E-05
16w_SITTE12_TTACGTTTCGTAAGT-1-10x	0.0434285	0.10454888	8.29E-05
16w_SITTE12_TTACTGTAGGTCATCT-1-10x	0.08860901	0.26541594	0.0041422
16w_SITTE12_TTACTGTAGTCGCCAC-1-10x	0.1241805	0.39206973	0.0021124
16w_SITTE12_TTACTGTCACGATTCA-1-10x	0.06935429	0.19685872	0.0010821
16w_SITTE12_TTAGGCATCGTTGTGA-1-10x	0.12956536	0.41124272	0.0019639

16w_SITTE12_TTAGGGTCATTGGATC-1-10x	0.09477171	0.2873585	0.0044051
16w_SITTE12_TTAGTCTGTTACTG-1-10x	0.09383223	0.28401345	0.0044154
16w_SITTE12_TTATTGCGTCAGCGTC-1-10x	0.0867866	0.25892717	0.0039187
16w_SITTE12_TTATTGCGTGAAAGTT-1-10x	0.21915759	0.73023957	0.0010326
16w_SITTE12_TTCAATCCATCGCTGG-1-10x	0.01501633	0.00338615	3.27E-05
16w_SITTE12_TTCAATCGTATCTTCT-1-10x	0.02624825	0.04337788	4.09E-05
16w_SITTE12_TTCAATCGTCAGGTAG-1-10x	0.19555722	0.6462095	0.0012511
16w_SITTE12_TTCACCGCAACTCGAT-1-10x	0.17119876	0.55948013	0.0016421
16w_SITTE12_TTCACCGCACCCAACG-1-10x	0.04037419	0.09367388	7.01E-05
16w_SITTE12_TTCACGCCAATCACGT-1-10x	0.02103431	0.0248134	3.62E-05
16w_SITTE12_TTCACGCCACTCCGGA-1-10x	0.08317818	0.24607924	0.0034742
16w_SITTE12_TTCACGCCATTCGGGC-1-10x	0.14650635	0.47156185	0.0018717
16w_SITTE12_TTCACGCGTAGGAAAG-1-10x	0.29092017	0.98575324	0.00076269
16w_SITTE12_TTCACGCTCTAGTGTG-1-10x	0.1307382	0.41541868	0.001948
16w_SITTE12_TTCAGGAAGAGCCATG-1-10x	0.08409642	0.2493487	0.0036353
16w_SITTE12_TTCATGTAGCTCATAC-1-10x	0.26232898	0.8839531	0.00076727
16w_SITTE12_TTCATGTCAGATACCT-1-10x	0.25048435	0.84177977	0.00080923
16w_SITTE12_TTCATGTGTGGCTGCT-1-10x	0.05863253	0.15868346	0.00031414
16w_SITTE12_TTCATTGGTCTCCTGT-1-10x	0.09606823	0.29197478	0.0043808
16w_SITTE12_TTCCAATGTTCAACGT-1-10x	0.18537545	0.60995686	0.0013959
16w_SITTE12_TTCCGGTGTGACGTCC-1-10x	0.05038687	0.12932445	0.00014746
16w_SITTE12_TTCCGTGCATACACCA-1-10x	0.01684673	0.00990338	3.38E-05
16w_SITTE12_TTCCGTGCATGGCGCT-1-10x	0.08187819	0.2414506	0.0031253
16w_SITTE12_TTCCGTGGTCAGCTTA-1-10x	0.01996975	0.02102299	3.55E-05
16w_SITTE12_TTCCTAACACGTCGGT-1-10x	0.19027834	0.6274138	0.0013113
16w_SITTE12_TTCCTAAGTGCCTCA-1-10x	0.26815572	0.90469944	0.00075594
16w_SITTE12_TTCCTTCTCGGATACT-1-10x	0.01734429	0.01167493	3.38E-05
16w_SITTE12_TTCGATTCAAATACGA-1-10x	0.26918653	0.90836966	0.00075499
16w_SITTE12_TTCGCTGGTTGGACCC-1-10x	0.08148313	0.24004394	0.0031253
16w_SITTE12_TTCTAACAGAAATCCA-1-10x	0.22319269	0.74460673	0.00099599
16w_SITTE12_TTCTAGTCAGCGTATT-1-10x	0.05654407	0.15124741	0.000257
16w_SITTE12_TTCTGTAAGTTGCGAG-1-10x	0.25824052	0.869396	0.000778
16w_SITTE12_TTCTTCCAGGTGCGAT-1-10x	0.12044334	0.3787634	0.0022788
16w_SITTE12_TTCTTCCCATGCCATA-1-10x	0.0449838	0.11008659	9.39E-05
16w_SITTE12_TTCTTCCGTTTCGTTT-1-10x	0.01523016	0.00414749	3.27E-05
16w_SITTE12_TTGAACGAGGAGAATG-1-10x	0.24730314	0.830453	0.0008292
16w_SITTE12_TTGACCCATAAGATG-1-10x	0.10027557	0.30695522	0.0040879
16w_SITTE12_TTGAGTGAGATGGGCT-1-10x	0.15904528	0.51620716	0.0018209
16w_SITTE12_TTGAGTGGTTACCGTA-1-10x	0.0832914	0.24648236	0.0034742
16w_SITTE12_TTGATGGTCGTAGCTA-1-10x	0.19227932	0.6345384	0.0012861
16w_SITTE12_TTGCATTCATACAGAA-1-10x	0.02482783	0.0383204	3.91E-05

16w_SITTE12_TTGCATTGTTCAAAGA-1-10x	0.12605391	0.39874008	0.0020515
16w_SITTE12_TTGCCTGCAACTCGAT-1-10x	0.2094384	0.695634	0.0011095
16w_SITTE12_TTGCCTGCAGTTAGGG-1-10x	0.0348866	0.07413509	5.37E-05
16w_SITTE12_TTGCCTGTCAGACCGC-1-10x	0.2804997	0.9486507	0.00075348
16w_SITTE12_TTGCGTCCACATGGTT-1-10x	0.09372135	0.28361866	0.0044154
16w_SITTE12_TTGCTGCTCCCTCTAG-1-10x	0.02182951	0.02764476	3.69E-05
16w_SITTE12_TTGGATGAGCAATAGT-1-10x	0.26743743	0.9021419	0.00075705
16w_SITTE12_TTGGATGCAGGACTTT-1-10x	0.23072696	0.77143276	0.00093779
16w_SITTE12_TTGGATGGTGCAACGA-1-10x	0.13210936	0.42030075	0.0019219
16w_SITTE12_TTGGGATAGTTTGAGA-1-10x	0.2361373	0.79069656	0.00090278
16w_SITTE12_TTGGGATTCACTTATC-1-10x	0.16541065	0.53887135	0.0017353
16w_SITTE12_TTGGGTACTGAGGA-1-10x	0.03390663	0.07064585	5.17E-05
16w_SITTE12_TTGGGTAGTCCTCCTA-1-10x	0.02599533	0.04247733	4.09E-05
16w_SITTE12_TTGGGTATCGCGGTAC-1-10x	0.23235178	0.77721804	0.00093066
16w_SITTE12_TTGGTTTCAACTTGCA-1-10x	0.08307191	0.24570087	0.0033032
16w_SITTE12_TTGGTTTGTACCCAGC-1-10x	0.29277363	0.99235255	0.00076488
16w_SITTE12_TTGGTTTTCAATCCGA-1-10x	0.05242977	0.13659826	0.00017575
16w_SITTE12_TTGTGGAGTAGATTGA-1-10x	0.0970218	0.29537	0.0043435
16w_SITTE12_TTGTGTTGTTAACCTG-1-10x	0.25684518	0.8644278	0.00078463
16w_SITTE12_TTGTTCATCGAGAACG-1-10x	0.22038619	0.7346141	0.0010179
16w_SITTE12_TTGTGTGCACGGTGCT-1-10x	0.16248533	0.5284556	0.001776
16w_SITTE12_TTGTGTGCAGGAATAT-1-10x	0.0917166	0.27648067	0.0043903
16w_SITTE12_TTGTTTGCAAATGGTA-1-10x	0.08338769	0.24682522	0.0034742
16w_SITTE12_TTGTTTGGTCAAGCGA-1-10x	0.2415961	0.8101328	0.00086374
16w_SITTE12_TTGTTTGTCAGCTCTC-1-10x	0.03761998	0.08386739	6.07E-05
16w_SITTE12_TTTACCACAGTCTTCC-1-10x	0.03559484	0.07665678	5.58E-05
16w_SITTE12_TTTACCACATGTAACC-1-10x	0.11788109	0.3696404	0.0023898
16w_SITTE12_TTTACCATCGTAACTG-1-10x	0.27100003	0.91482675	0.00075352
16w_SITTE12_TTTACGTTACGGGCT-1-10x	0.10880668	0.33733058	0.0032165
16w_SITTE12_TTTACGTTCTCCTGTG-1-10x	0.04466983	0.10896866	9.39E-05
16w_SITTE12_TTTACTGAGAGAGTTT-1-10x	0.04516544	0.11073331	9.39E-05
16w_SITTE12_TTTACTGAGTATCCTG-1-10x	0.25523415	0.8586917	0.00078825
16w_SITTE12_TTTACTGCACTCCTGT-1-10x	0.22647287	0.7562859	0.00097406
16w_SITTE12_TTTAGTCAGAGCTTTC-1-10x	0.02462159	0.03758609	3.91E-05
16w_SITTE12_TTTATGCAGTTGGAAT-1-10x	0.02745801	0.04768528	4.19E-05
16w_SITTE12_TTTCACAAGATCCCGC-1-10x	0.03943469	0.09032875	6.67E-05
16w_SITTE12_TTTCACACATCTCGTC-1-10x	0.08642912	0.25765437	0.0039187
16w_SITTE12_TTTCACAGTGAATGAT-1-10x	0.01902165	0.01764727	3.49E-05
16w_SITTE12_TTTCACAGTGGTCTTA-1-10x	0.25040358	0.84149224	0.00080923
16w_SITTE12_TTTCAGTTCGCCATAA-1-10x	0.12635835	0.39982402	0.0020256
16w_SITTE12_TTTCAGTTCTACTT-1-10x	0.09328038	0.28204852	0.0044107

16w_SITTE12_TTTCATGGTGACGTCC-1-10x	0.04757456	0.11931109	0.00011598
16w_SITTE12_TTTCCTCTCAACCCGG-1-10x	0.04840512	0.12226833	0.00012523
16w_SITTE12_TTTCGATCACTGCGAC-1-10x	0.10549335	0.32553336	0.0036214
16w_SITTE12_TTTCGATGTGTCCATA-1-10x	0.16752346	0.5463941	0.0017056
16w_SITTE12_TTTGACTAGTTGTACC-1-10x	0.07358594	0.21192567	0.0015819
16w_SITTE12_TTTGATCCACCAGTAT-1-10x	0.04937344	0.12571608	0.00013566
16w_SITTE12_TTTGATCTCTCGTCAC-1-10x	0.03765216	0.08398197	6.07E-05
16w_SITTE12_TTTGGAGTCGCCGAGT-1-10x	0.02098182	0.02462654	3.62E-05
16w_SITTE12_TTTGGTTGTGAGTTT-1-10x	0.20678978	0.6862035	0.0011344
16w_SITTE12_TTTGGTTGTTGAGTCT-1-10x	0.07409167	0.21372636	0.0017292
16w_SITTE12_TTTGTTGCAACGACAG-1-10x	0.02836942	0.05093039	4.30E-05
16w_SITTE12_TTTGTTGCAAGGTCTT-1-10x	0.08629448	0.25717497	0.0039187
16w_SITTE12_TTTGTTGCAGCGTGAA-1-10x	0.06961249	0.19777806	0.0010821
16w_SITTE12_TTTGTTGGTCAGACGA-1-10x	0.08393125	0.2487606	0.0034742
16w_SITTE12_TTTGTTGGTACTATC-1-10x	0.17934701	0.58849233	0.0014915
16w_SITTE12_TTTGTTGTCAAGTCTG-1-10x	0.18395852	0.6049118	0.0014112
16w_SITTE12_AAACCCAGTTCGAGCC-1-10x	0.02261042	0.03042522	3.76E-05
16w_SITTE12_AAAGAACGTCTTCATT-1-10x	0.07827587	0.22862439	0.0023954
16w_SITTE12_AAAGGGCTCCTTTGAT-1-10x	0.02070492	0.02364062	3.62E-05
16w_SITTE12_AAAGTCCCAACAACAA-1-10x	0.28089494	0.950058	0.00075348
16w_SITTE12_AAAGTCCGTCGTAATC-1-10x	0.11623385	0.36377534	0.0025211
16w_SITTE12_AACAACCAGGTGTGAC-1-10x	0.02303758	0.03194614	3.83E-05
16w_SITTE12_AACACACAGAACGTGC-1-10x	0.09542538	0.28968593	0.0043808
16w_SITTE12_AACCACATCCTGCCAT-1-10x	0.0714936	0.20447585	0.0013138
16w_SITTE12_AACGGGAGTGGCTTAT-1-10x	0.26025254	0.87655985	0.00077221
16w_SITTE12_AACGTCACACTGGATT-1-10x	0.02298494	0.03175873	3.76E-05
16w_SITTE12_AACGTCACATGAAGGC-1-10x	0.04543395	0.11168937	9.39E-05
16w_SITTE12_AAGATAGTCGTAGCCG-1-10x	0.07960033	0.23334019	0.0027593
16w_SITTE12_AAGCGTTAGCCTTTCC-1-10x	0.04902948	0.12449138	0.00012523
16w_SITTE12_AATAGAGAGTACAGAT-1-10x	0.1433046	0.46016186	0.0018716
16w_SITTE12_AATAGAGGTTACCCAA-1-10x	0.03332941	0.06859062	5.17E-05
16w_SITTE12_AATGGCTTCGCTAAAC-1-10x	0.12006888	0.3774301	0.0022788
16w_SITTE12_ACAAAGACAGTCCCGA-1-10x	0.14734045	0.47453168	0.0018716
16w_SITTE12_ACAAGCTGTTAGCTAC-1-10x	0.06383319	0.1772006	0.00058553
16w_SITTE12_ACACAGTGTGCCTAAT-1-10x	0.08910414	0.26717886	0.0042295
16w_SITTE12_ACACCAAAGCCATGCC-1-10x	0.0999199	0.30568886	0.0041652
16w_SITTE12_ACACCAAGTGCGAGTA-1-10x	0.16669202	0.5434337	0.0017206
16w_SITTE12_ACACCAATCTCCAAC-1-10x	0.25815105	0.86907744	0.000778
16w_SITTE12_ACACGCGCAATAGTCC-1-10x	0.14462355	0.46485806	0.0018716
16w_SITTE12_ACATCGACAAGAAACT-1-10x	0.24467988	0.82111275	0.00084014
16w_SITTE12_ACATGCAGTCACAGAG-1-10x	0.04959394	0.12650116	0.00013566

16w_SITTE12_ACCCTCACAACGGTAG-1-10x	0.01861933	0.01621479	3.49E-05
16w_SITTE12_ACCCTCATCGTCGACG-1-10x	0.02800855	0.04964547	4.30E-05
16w_SITTE12_ACCGTTCTGTAAGGCTG-1-10x	0.06435471	0.17905752	0.00064991
16w_SITTE12_ACCGTTCTGATCACGT-1-10x	0.03292869	0.06716385	5.00E-05
16w_SITTE12_ACGTAGTCACGCTGTG-1-10x	0.02085063	0.0241594	3.62E-05
16w_SITTE12_ACTATGGAGCGTCGAA-1-10x	0.03112425	0.06073906	4.68E-05
16w_SITTE12_ACTATCCAAGGCTTT-1-10x	0.26691553	0.9002837	0.00075831
16w_SITTE12_ACTGATGAGAAGCCAC-1-10x	0.08776777	0.26242065	0.0040384
16w_SITTE12_AGACACTCAAATGCGG-1-10x	0.03911794	0.08920092	6.67E-05
16w_SITTE12_AGAGCCCAGGTCGAGT-1-10x	0.08809061	0.26357016	0.0041422
16w_SITTE12_AGCTACACATCGAACT-1-10x	0.07672449	0.22310062	0.0022191
16w_SITTE12_AGCTCAAAGGAATCGC-1-10x	0.04207064	0.09971413	7.82E-05
16w_SITTE12_AGCTTCCTCGCTACGG-1-10x	0.15002926	0.4841053	0.0018694
16w_SITTE12_AGGAATATCGACCACG-1-10x	0.02981838	0.05608945	4.55E-05
16w_SITTE12_AGGACGAAGTCGTCTA-1-10x	0.09818502	0.29951173	0.0042345
16w_SITTE12_AGGATCTTCGGTCACG-1-10x	0.07647885	0.22222601	0.0020486
16w_SITTE12_AGGCTGCGTCGAACAG-1-10x	0.05665814	0.15165356	0.000257
16w_SITTE12_AGTACCAGTACAGTAA-1-10x	0.02810755	0.049998	4.30E-05
16w_SITTE12_AGTCTCCCACGCCAGT-1-10x	0.07730532	0.22516872	0.0022191
16w_SITTE12_AGTGCCGCACGTAGTT-1-10x	0.02331052	0.03291797	3.83E-05
16w_SITTE12_AGTTAGCAGCCATATC-1-10x	0.10036567	0.307276	0.0040879
16w_SITTE12_AGTTAGCCACTTACAG-1-10x	0.23335725	0.7807981	0.00092358
16w_SITTE12_AGTTGACAATATCCG-1-10x	0.01601479	0.00694122	3.33E-05
16w_SITTE12_ATACCGAAGGCCTAGA-1-10x	0.02378948	0.03462333	3.83E-05
16w_SITTE12_ATACCTTAGGAGAGTA-1-10x	0.06301259	0.17427886	0.00052741
16w_SITTE12_ATAGACCTCGGTGAAG-1-10x	0.08371317	0.24798413	0.0034742
16w_SITTE12_ATAGGCTAGGATTTGA-1-10x	0.01597963	0.006816	3.33E-05
16w_SITTE12_ATCAGGTAGGCGTTGA-1-10x	0.0300267	0.0568312	4.55E-05
16w_SITTE12_ATGAGTCGTTAACAGA-1-10x	0.0725389	0.20819765	0.0014433
16w_SITTE12_ATGCCTCCATGAGTAA-1-10x	0.07659403	0.2226361	0.0022191
16w_SITTE12_ATGCGATTCCGATCTC-1-10x	0.04079511	0.09517258	7.01E-05
16w_SITTE12_ATGTCTTAGCTACTAC-1-10x	0.13188155	0.41948962	0.001934
16w_SITTE12_ATGTCTTCCAATCCC-1-10x	0.14813453	0.47735903	0.0018713
16w_SITTE12_ATTACTCCATAGAGGC-1-10x	0.01634251	0.00810808	3.33E-05
16w_SITTE12_ATTCTTGAGGGAACAA-1-10x	0.01537969	0.00467992	3.27E-05
16w_SITTE12_ATTTCTGTCTCCAAGA-1-10x	0.1906944	0.6288952	0.0013113
16w_SITTE12_CAACGGCTCTAGACAC-1-10x	0.07450859	0.21521084	0.0017292
16w_SITTE12_CAAGAGGTCTAATTCC-1-10x	0.08704915	0.259862	0.0040384
16w_SITTE12_CAAGCTATCACACCCT-1-10x	0.0339215	0.07069878	5.17E-05
16w_SITTE12_CAATACGGTATGGAAT-1-10x	0.07212987	0.20674129	0.0014433
16w_SITTE12_CAATGACCAGAACATA-1-10x	0.10703139	0.3310096	0.0034182

16w_SITTE12_CACAACAAGGCGAACT-1-10x	0.04560932	0.11231377	0.00010046
16w_SITTE12_CACAACACAAATTAGG-1-10x	0.01610449	0.00726058	3.33E-05
16w_SITTE12_CACAACATCGCACGAC-1-10x	0.02192041	0.0279684	3.69E-05
16w_SITTE12_CACACAAAGCTCTTCC-1-10x	0.03849703	0.08699018	6.36E-05
16w_SITTE12_CACACAATCGAGAGAC-1-10x	0.07717408	0.2247014	0.0022191
16w_SITTE12_CACGTTCCAATCTAGC-1-10x	0.01543838	0.00488888	3.27E-05
16w_SITTE12_CACTAAGCATCCGGCA-1-10x	0.2872296	0.9726128	0.00075864
16w_SITTE12_CAGATTGAGGTAAGAG-1-10x	0.0272818	0.04705786	4.19E-05
16w_SITTE12_CAGCAATTCTACTCAT-1-10x	0.07311476	0.21024804	0.0015819
16w_SITTE12_CAGCGTGCAGTCGGTC-1-10x	0.06581917	0.18427177	0.00072102
16w_SITTE12_CAGCGTGTCCCGTGTT-1-10x	0.26823345	0.9049762	0.00075594
16w_SITTE12_CAGTGCGCATAACCCA-1-10x	0.08999535	0.2703521	0.0042999
16w_SITTE12_CATAAGCCACATCATG-1-10x	0.06012315	0.16399089	0.00038577
16w_SITTE12_CATAGACCATAAGCGG-1-10x	0.01766166	0.01280494	3.44E-05
16w_SITTE12_CATCCGTAGTCGCGAA-1-10x	0.08126921	0.23928227	0.0031253
16w_SITTE12_CATCGGGCACGACAAG-1-10x	0.26611924	0.8974485	0.00075974
16w_SITTE12_CATCGTCGTAACGTTC-1-10x	0.06868701	0.19448283	0.00097948
16w_SITTE12_CCACACTGTAGAATAC-1-10x	0.07337727	0.2111827	0.0015819
16w_SITTE12_CCACCATAGCAACTTC-1-10x	0.19410978	0.6410558	0.0012624
16w_SITTE12_CCACGTTAGAACGCGT-1-10x	0.07449196	0.21515162	0.0017292
16w_SITTE12_CCACTTGTCACGGAGA-1-10x	0.11478974	0.35863352	0.0026715
16w_SITTE12_CCATAAGAGTGGAAGA-1-10x	0.07430013	0.21446858	0.0017292
16w_SITTE12_CCATCACCATACAGGG-1-10x	0.11511978	0.35980865	0.002594
16w_SITTE12_CCCGGAAGTGCTCTTC-1-10x	0.02614358	0.04300517	4.09E-05
16w_SITTE12_CCCTAACCAACAACAA-1-10x	0.19881509	0.65780926	0.0012085
16w_SITTE12_CCGAACGCACGACCTG-1-10x	0.01873205	0.01661612	3.49E-05
16w_SITTE12_CCGATCTGTGTGTGTT-1-10x	0.01620614	0.00762253	3.33E-05
16w_SITTE12_CCGCAAGCAACTCGAT-1-10x	0.2314494	0.77400506	0.00093779
16w_SITTE12_CCGCAAGTCATTCACT-1-10x	0.08061028	0.23693615	0.0029431
16w_SITTE12_CCGGGTACACTCCGGA-1-10x	0.13457899	0.42909396	0.0019027
16w_SITTE12_CCGGTGAAGTTGCTGT-1-10x	0.1176123	0.36868334	0.002453
16w_SITTE12_CCTAACCGTGCGGCTT-1-10x	0.0372699	0.0826209	6.07E-05
16w_SITTE12_CCTAACCTCTTGATTC-1-10x	0.01811579	0.0144219	3.44E-05
16w_SITTE12_CCTAAGAGTATGTCTG-1-10x	0.07687917	0.22365136	0.0022191
16w_SITTE12_CCTACGTTGCCTTGT-1-10x	0.01697696	0.01036704	3.38E-05
16w_SITTE12_CCTCAGTGACGCTTA-1-10x	0.07084199	0.20215575	0.0011935
16w_SITTE12_CCTGCATAGCAAGTCG-1-10x	0.01981575	0.02047468	3.55E-05
16w_SITTE12_CCTGTTGTCCAGTGG-1-10x	0.0387911	0.0880372	6.36E-05
16w_SITTE12_CGAGTTACAAGTACTGTA-1-10x	0.0412379	0.09674915	7.40E-05
16w_SITTE12_CGATGCGAGAGGCTGT-1-10x	0.17855597	0.5856758	0.0015081
16w_SITTE12_CGCAGGTCAGGTTTAC-1-10x	0.04772288	0.11983917	0.00011598

16w_SITTE12_CGGCAGTTCTACCCAC-1-10x	0.09296954	0.28094178	0.0044107
16w_SITTE12_CGGGTCAGTATCGATC-1-10x	0.17720239	0.5808563	0.0015248
16w_SITTE12_CGGGTGTTCAAGCGTT-1-10x	0.01625426	0.00779385	3.33E-05
16w_SITTE12_CGGTCAGTCTTCCAGC-1-10x	0.09563486	0.2904318	0.0043808
16w_SITTE12_CGTCCATAGTTGTAGA-1-10x	0.26054153	0.8775888	0.00077221
16w_SITTE12_CGTGTCTGTCCTCATC-1-10x	0.10259207	0.3152032	0.0039137
16w_SITTE12_CGTTAGACACGTCGTG-1-10x	0.1202933	0.37822917	0.0022788
16w_SITTE12_CTACCCAGTCGCCACA-1-10x	0.07889139	0.23081595	0.002576
16w_SITTE12_CTACGGGTCTTACACT-1-10x	0.03495591	0.07438187	5.37E-05
16w_SITTE12_CTATAGGTCTCTCTT-1-10x	0.04908343	0.12468349	0.00012523
16w_SITTE12_CTCAGTGGTCTCCTG-1-10x	0.01865061	0.01632614	3.49E-05
16w_SITTE12_CTCAGGGTCTCATTAC-1-10x	0.21476029	0.7145828	0.0010625
16w_SITTE12_CTCAGTCCATCTGCGG-1-10x	0.17189701	0.5619663	0.0016256
16w_SITTE12_CTCCAACAGCTGGTGA-1-10x	0.167644	0.54682326	0.0016902
16w_SITTE12_CTCCGATCATCGCTCT-1-10x	0.14706452	0.47354922	0.0018716
16w_SITTE12_CTCCTCCAGATACATG-1-10x	0.07514121	0.21746331	0.001885
16w_SITTE12_CTCCTCCGTGACCGTC-1-10x	0.03648771	0.07983588	5.82E-05
16w_SITTE12_CTCCTTTAGAGCACTG-1-10x	0.03547252	0.07622126	5.58E-05
16w_SITTE12_CTCTCAGCACCGTGAC-1-10x	0.0970621	0.2955135	0.0043435
16w_SITTE12_CTCTCAGGTGCGCTAG-1-10x	0.04266504	0.10183053	7.82E-05
16w_SITTE12_CTGAATGTCTTAGCCC-1-10x	0.22841857	0.7632137	0.00095947
16w_SITTE12_CTGAGCGGTGCTCGTG-1-10x	0.23119359	0.77309424	0.00093779
16w_SITTE12_CGTGATTCATTACAG-1-10x	0.08953483	0.26871234	0.0042295
16w_SITTE12_CTTAGGAGTTCGGACC-1-10x	0.04610629	0.11408325	0.00010046
16w_SITTE12_CTTCGGTAGAGATTCA-1-10x	0.09018736	0.2710357	0.0042999
16w_SITTE12_CTTCGGTCAATAGTGA-1-10x	0.03986522	0.09186165	6.67E-05
16w_SITTE12_CTTTCAAAGCGTGCTC-1-10x	0.04558963	0.11224368	0.00010046
16w_SITTE12_GAAGCCCAGTCTGGAG-1-10x	0.17122675	0.55957985	0.0016421
16w_SITTE12_GAAGCGAAGGGTAATT-1-10x	0.02905024	0.05335445	4.42E-05
16w_SITTE12_GAAGCGACACTGTTCC-1-10x	0.02880065	0.0524658	4.42E-05
16w_SITTE12_GAATCGTAGTTGTACC-1-10x	0.22795713	0.7615707	0.00095947
16w_SITTE12_GAATCGTTCGCGAGT-1-10x	0.08998491	0.2703149	0.0042999
16w_SITTE12_GACCCAGGTCTGGTTA-1-10x	0.08828131	0.26424918	0.0041422
16w_SITTE12_GACCCTTGTTCCGCTT-1-10x	0.25865448	0.8708699	0.000778
16w_SITTE12_GACTCTCAGCATGCGA-1-10x	0.07594356	0.22032009	0.0020486
16w_SITTE12_GAGACCCGTTTCGCTC-1-10x	0.07751986	0.22593258	0.0023954
16w_SITTE12_GAGACTTGTTGGTTTGT-1-10x	0.04742307	0.11877171	0.00011598
16w_SITTE12_GAGATGGTCTCGACGG-1-10x	0.04705988	0.11747853	0.00010777
16w_SITTE12_GAGCCTGTACATTGG-1-10x	0.08792123	0.26296705	0.0041422
16w_SITTE12_GAGGGATTAGTGCGC-1-10x	0.04337692	0.1043652	8.29E-05
16w_SITTE12_GAGTTGTGTATTCCT-1-10x	0.05817822	0.15706587	0.00031414

16w_SITTE12_GAGTTGTTCCAAGTGA-1-10x	0.03676574	0.08082583	5.82E-05
16w_SITTE12_GATGACTAGTTTGGCT-1-10x	0.05900307	0.16000278	0.00034795
16w_SITTE12_GCACATAAGATTGGGC-1-10x	0.01631232	0.00800058	3.33E-05
16w_SITTE12_GCACGGTTCAAGGTGG-1-10x	0.28676	0.97094077	0.00075773
16w_SITTE12_GCAGCTGGTAATGCTC-1-10x	0.07850515	0.22944073	0.002576
16w_SITTE12_GCATCTCTCCCTGTTG-1-10x	0.22644386	0.7561826	0.00097406
16w_SITTE12_GCATTAGGTATAGGGC-1-10x	0.14999075	0.4839682	0.0018694
16w_SITTE12_GCCAGCACATCGTTCC-1-10x	0.04442231	0.10808737	8.81E-05
16w_SITTE12_GCCGATGAGATCGACG-1-10x	0.01921633	0.01834043	3.49E-05
16w_SITTE12_GCGTTTCCACCAAAGG-1-10x	0.04973284	0.12699574	0.00013566
16w_SITTE12_GCTACCTGTAGGAGTC-1-10x	0.02485132	0.03840404	3.91E-05
16w_SITTE12_GCTCAAAGTGGACTAG-1-10x	0.09487563	0.2877285	0.0044051
16w_SITTE12_GCTCAAAGTGTTAGCT-1-10x	0.06022028	0.1643367	0.00038577
16w_SITTE12_GCTGCAGGTCTTCAAG-1-10x	0.09222809	0.2783018	0.0043903
16w_SITTE12_GCTTTCGTCTAATTCC-1-10x	0.04368456	0.10546057	8.81E-05
16w_SITTE12_GGCACGTTCACTACGA-1-10x	0.01510674	0.00370806	3.27E-05
16w_SITTE12_GGCTGTGTCCCGAGGT-1-10x	0.0530822	0.13892128	0.00019264
16w_SITTE12_GGCTTTCAGACGCCCT-1-10x	0.04788642	0.12042146	0.00011598
16w_SITTE12_GGGACAAAGCACCAGA-1-10x	0.04598033	0.11363475	0.00010046
16w_SITTE12_GGGCCATGTACAAGCG-1-10x	0.0355084	0.07634903	5.58E-05
16w_SITTE12_GGGTCACGTGTGTACT-1-10x	0.04478304	0.10937177	9.39E-05
16w_SITTE12_GGGTCTGTCTATC-1-10x	0.04756875	0.11929041	0.00011598
16w_SITTE12_GGGTGTCTCAACGTGT-1-10x	0.17914762	0.5877824	0.0014915
16w_SITTE12_GGGTTTATCGGAGATG-1-10x	0.07708409	0.224381	0.0022191
16w_SITTE12_GGTAAGTGTGGGATG-1-10x	0.11729065	0.36753812	0.002453
16w_SITTE12_GGTGTGCGAGACCTGGA-1-10x	0.01686981	0.00998554	3.38E-05
16w_SITTE12_GGTTGTACATCTTAGG-1-10x	0.04490048	0.10978993	9.39E-05
16w_SITTE12_GTAGGTTTCATAGAGA-1-10x	0.18761635	0.61793566	0.0013519
16w_SITTE12_GTCACTCGTAGTTAGA-1-10x	0.13894467	0.44463816	0.0018772
16w_SITTE12_GTCATCCCAATACGAA-1-10x	0.14033481	0.44958782	0.001875
16w_SITTE12_GTCATCCTCCGTGGGT-1-10x	0.14794746	0.47669297	0.0018713
16w_SITTE12_GTCCTCACAATTTCTC-1-10x	0.09004056	0.27051303	0.0042999
16w_SITTE12_GTCGTAACACGGTCTG-1-10x	0.02930328	0.05425543	4.42E-05
16w_SITTE12_GTGAGCCCATAAGCAA-1-10x	0.05353706	0.14054084	0.00019264
16w_SITTE12_GTGAGCCGTCGCACAC-1-10x	0.0850735	0.2528276	0.0037839
16w_SITTE12_GTGAGTTTCTTCCACG-1-10x	0.08572043	0.25513104	0.0037839
16w_SITTE12_GTGGAAGGTGACACAG-1-10x	0.23613028	0.7906715	0.00090278
16w_SITTE12_GTGGAGAAGGGTACGT-1-10x	0.03500759	0.07456585	5.37E-05
16w_SITTE12_GTGTGGCGTACTCA-1-10x	0.20657626	0.6854432	0.0011344
16w_SITTE12_GTTATGGCAGGTCTCG-1-10x	0.21782036	0.7254783	0.00104
16w_SITTE12_GTTATGGTCCGACGGT-1-10x	0.19942321	0.6599745	0.0012085

16w_SITTE12_GTTCGCTCATCCGGTG-1-10x	0.04664941	0.11601706	0.00010777
16w_SITTE12_GTTCGCTTCGAACCAT-1-10x	0.07889534	0.23083001	0.002576
16w_SITTE12_GTTGAACCAACTAGAA-1-10x	0.09620753	0.29247078	0.0043808
16w_SITTE12_GTTGCTCGTGGCCTCA-1-10x	0.11069155	0.34404173	0.0030221
16w_SITTE12_GTTGCTCTCTCTATAC-1-10x	0.03458347	0.07305577	5.37E-05
16w_SITTE12_GTTTACTCAGGCTACC-1-10x	0.12427038	0.39238974	0.0021124
16w_SITTE12_GTTTGGACAAGTGCTT-1-10x	0.07030647	0.20024899	0.0011935
16w_SITTE12_GTTTGGAGTGTTTCTT-1-10x	0.1656315	0.5396577	0.0017353
16w_SITTE12_TACACCCTCTAAGCGT-1-10x	0.04718813	0.1179352	0.00010777
16w_SITTE12_TACAGGTGTATCGGTT-1-10x	0.20479251	0.6790921	0.0011518
16w_SITTE12_TACAGGTTCTGCCTGT-1-10x	0.03538334	0.07590374	5.58E-05
16w_SITTE12_TACTTACGTATGTCTG-1-10x	0.08717658	0.26031575	0.0040384
16w_SITTE12_TAGACCACAACCCTAA-1-10x	0.0522347	0.13590372	0.00017575
16w_SITTE12_TAGGTTGCACGAAAGC-1-10x	0.05434392	0.14341366	0.00021164
16w_SITTE12_TATCGCCCATGGACAG-1-10x	0.24510124	0.822613	0.00084014
16w_SITTE12_TATGTTCTCCTACTGC-1-10x	0.01823537	0.01484767	3.44E-05
16w_SITTE12_TCAATCTTCGTGAGAG-1-10x	0.04933181	0.12556784	0.00013566
16w_SITTE12_TCACACCTCGAGCCTG-1-10x	0.03732947	0.082833	6.07E-05
16w_SITTE12_TCACTATAGGTCATAA-1-10x	0.24797061	0.83282954	0.00082396
16w_SITTE12_TCACTCGTCCATTCAT-1-10x	0.04622766	0.11451538	0.00010046
16w_SITTE12_TCAGCAAGTTCTCTCG-1-10x	0.08422501	0.24980652	0.0036353
16w_SITTE12_TCAGTTTAGATAGTGT-1-10x	0.08189347	0.24150498	0.0031253
16w_SITTE12_TCCACCAAGATGCTGG-1-10x	0.07845344	0.22925663	0.002576
16w_SITTE12_TCCACCAAGGAACGTC-1-10x	0.07730466	0.22516635	0.0022191
16w_SITTE12_TCCATCGGTATTAAGG-1-10x	0.03202847	0.06395859	4.83E-05
16w_SITTE12_TCCACATCTCAACCC-1-10x	0.04019949	0.09305182	7.01E-05
16w_SITTE12_TCCTAATGTCTGTCCT-1-10x	0.04844346	0.12240485	0.00012523
16w_SITTE12_TCGCACTAGAGAAGGT-1-10x	0.02427126	0.03633872	3.91E-05
16w_SITTE12_TCGCTTGCACCTTCGT-1-10x	0.0308598	0.0597975	4.68E-05
16w_SITTE12_TCGGGACAGGCATTTTC-1-10x	0.03938709	0.09015924	6.67E-05
16w_SITTE12_TCGGGCATCGTAATGC-1-10x	0.07885425	0.23068371	0.002576
16w_SITTE12_TCGTAGAGTAGGAGGG-1-10x	0.23513743	0.7871365	0.00090964
16w_SITTE12_TCGTAGATCTACTATC-1-10x	0.13902462	0.4449228	0.0018772
16w_SITTE12_TCTCAGCTCTAGAACC-1-10x	0.09003181	0.27048188	0.0042999
16w_SITTE12_TCTGGCTTCCAACCTGA-1-10x	0.09720583	0.29602528	0.0042943
16w_SITTE12_TGACGCGAGGCATGCA-1-10x	0.04342752	0.10454536	8.29E-05
16w_SITTE12_TGACTCCCAGATACCT-1-10x	0.02362831	0.03404946	3.83E-05
16w_SITTE12_TGAGCATGTCGGATTT-1-10x	0.03878734	0.08802383	6.36E-05
16w_SITTE12_TGAGCGCAGACCCTTA-1-10x	0.0435728	0.10506266	8.29E-05
16w_SITTE12_TGATGCATCACTCACC-1-10x	0.08163144	0.240572	0.0031253
16w_SITTE12_TGCACGGGTCGCGTCA-1-10x	0.03474089	0.07361626	5.37E-05

16w_SITTE12_TGCAGATCAGCGTTGC-1-10x	0.07042016	0.2006538	0.0011935
16w_SITTE12_TGCATCCGTGCTTCAA-1-10x	0.05617556	0.1499353	0.000257
16w_SITTE12_TGCATGAGTAGAGGAA-1-10x	0.01971496	0.02011583	3.55E-05
16w_SITTE12_TGCTCCAGTGTGGCA-1-10x	0.03812311	0.08565881	6.36E-05
16w_SITTE12_TGCTCGTAGGTAATCA-1-10x	0.24048863	0.80618966	0.00086997
16w_SITTE12_TGGATCATCCATTCGC-1-10x	0.28329003	0.9585858	0.00075531
16w_SITTE12_TGGGTTATCATCTCTA-1-10x	0.26419014	0.8905798	0.00076313
16w_SITTE12_TGTCCTGTCCGAAATC-1-10x	0.09316886	0.2816515	0.0044107
16w_SITTE12_TGTGAGTGTGGTTGG-1-10x	0.23856263	0.799332	0.00088278
16w_SITTE12_TGTGGCGAGATTGATG-1-10x	0.03511571	0.07495082	5.37E-05
16w_SITTE12_TGTTTGTGTCTCACGG-1-10x	0.09488932	0.28777725	0.0044051
16w_SITTE12_TTAATCCGTGATAGTA-1-10x	0.1332794	0.42446673	0.0019115
16w_SITTE12_TTACGCCGTCTGTGGC-1-10x	0.08500793	0.25259414	0.0037839
16w_SITTE12_TTAGGGTAGCTCCACG-1-10x	0.26796424	0.9040177	0.00075705
16w_SITTE12_TTCACGCAGCACAAAT-1-10x	0.04799827	0.12081972	0.00011598
16w_SITTE12_TTCCAATCACACTA-1-10x	0.22716457	0.75874877	0.00096676
16w_SITTE12_TTCCTAAGTTGCCTAA-1-10x	0.07543761	0.21851863	0.001885
16w_SITTE12_TTCGATTAGTACTGTC-1-10x	0.02081814	0.02404375	3.62E-05
16w_SITTE12_TTCTAACCATCTATCT-1-10x	0.04278719	0.10226546	8.29E-05
16w_SITTE12_TTGCCTGTCTCTAGGA-1-10x	0.07875747	0.23033914	0.002576
16w_SITTE12_TTGTGGAGTGGTAACG-1-10x	0.01773248	0.01305711	3.44E-05
16w_SITTE12_TTGTTCAAGTATGTGTC-1-10x	0.20903046	0.6941815	0.0011095
16w_SITTE12_TTGTTCAAGTGTGCCG-1-10x	0.04257309	0.10150313	7.82E-05
16w_SITTE12_TTTACCACAAGGCTTT-1-10x	0.05740693	0.15431966	0.00028394
16w_SITTE12_TTTACCATCCGTGGTG-1-10x	0.12922631	0.41003555	0.0019639
16w_SITTE12_TTTAGTCTCGGAAACG-1-10x	0.09330869	0.28214934	0.0044107
13-SS2	0.11328566	0.3532782	0.0027534
14-SS2	0.04097059	0.09579738	7.40E-05
15-SS2	0.04070639	0.09485668	7.01E-05
24-SS2	0.03444473	0.07256179	5.37E-05
28-SS2	0.05013773	0.12843736	0.00013566
33-SS2	0.02463893	0.03764781	3.91E-05
36-SS2	0.0821088	0.24227169	0.0031253
39-SS2	0.09057311	0.2724092	0.0042999
41-SS2	0.02296131	0.03167457	3.76E-05
42-SS2	0.02332793	0.03297994	3.83E-05
48-SS2	0.04992604	0.12768361	0.00013566
53-SS2	0.04936914	0.12570077	0.00013566
57-SS2	0.0886472	0.26555192	0.0041422
59-SS2	0.12501594	0.39504436	0.0020803
65-SS2	0.01868896	0.01646272	3.49E-05

75-SS2	0.05892524	0.15972567	0.00034795
79-SS2	0.04734528	0.11849471	0.00010777
80-SS2	0.02398587	0.03532256	3.91E-05
83-SS2	0.04007044	0.09259237	7.01E-05
88-SS2	0.01606688	0.00712667	3.33E-05
89-SS2	0.03985917	0.0918401	6.67E-05
98-SS2	0.07674038	0.22315723	0.0022191
102-SS2	0.05018702	0.12861286	0.00013566
105-SS2	0.03750413	0.08345489	6.07E-05
109-SS2	0.07451491	0.21523333	0.0017292
110-SS2	0.07604596	0.22068469	0.0020486
113-SS2	0.04374666	0.10568168	8.81E-05
118-SS2	0.01623523	0.0077261	3.33E-05
119-SS2	0.06125361	0.16801591	0.00042799
124-SS2	0.04381068	0.10590965	8.81E-05
127-SS2	0.10839281	0.33585697	0.0033168
129-SS2	0.26665425	0.89935344	0.00075831
131-SS2	0.04058021	0.09440741	7.01E-05
134-SS2	0.04852686	0.12270178	0.00012523
138-SS2	0.02178037	0.02746979	3.69E-05
139-SS2	0.22181392	0.7396975	0.0010106
141-SS2	0.01515968	0.00389657	3.27E-05
154-SS2	0.17377898	0.5686672	0.0015922
156-SS2	0.08487684	0.2521274	0.0036353
160-SS2	0.04198012	0.09939184	7.82E-05
165-SS2	0.03225887	0.06477895	4.83E-05
168-SS2	0.04378649	0.10582349	8.81E-05
175-SS2	0.07960236	0.2333474	0.0027593
184-SS2	0.05903816	0.1601277	0.00034795
191-SS2	0.06831318	0.19315182	0.00097948
194-SS2	0.04049252	0.09409517	7.01E-05
196-SS2	0.02835845	0.0508913	4.30E-05
200-SS2	0.05746051	0.15451041	0.00028394
206-SS2	0.03798322	0.08516072	6.07E-05
207-SS2	0.0786902	0.23009962	0.002576
217-SS2	0.01609235	0.00721738	3.33E-05
219-SS2	0.04403526	0.10670926	8.81E-05
225-SS2	0.06376138	0.17694496	0.00058553
230-SS2	0.02167236	0.02708524	3.69E-05
236-SS2	0.04477745	0.10935184	9.39E-05
237-SS2	0.13615945	0.43472126	0.0018891

240-SS2	0.03053126	0.05862769	4.68E-05
244-SS2	0.28754616	0.9737399	0.00075864
245-SS2	0.29325593	0.99406976	0.00076488
246-SS2	0.03044413	0.05831748	4.55E-05
250-SS2	0.27449188	0.9272596	0.00075233
251-SS2	0.02158159	0.02676203	3.69E-05
252-SS2	0.09788487	0.29844305	0.0042943
260-SS2	0.04019217	0.09302579	7.01E-05
261-SS2	0.0510486	0.13168056	0.00014746
265-SS2	0.07376401	0.21255973	0.0017292
271-SS2	0.15207016	0.49137202	0.0018651
277-SS2	0.15694997	0.50874674	0.0018385
281-SS2	0.05119292	0.13219441	0.00016076
294-SS2	0.0719341	0.20604424	0.0014433
297-SS2	0.0647075	0.18031362	0.00064991
300-SS2	0.02510208	0.03929689	4.00E-05
307-SS2	0.02393907	0.03515594	3.91E-05
308-SS2	0.04483363	0.10955189	9.39E-05
311-SS2	0.03175477	0.06298408	4.83E-05
317-SS2	0.04644751	0.11529817	0.00010046
320-SS2	0.08977623	0.2695719	0.0042999
323-SS2	0.11171126	0.34767246	0.002929
325-SS2	0.07896418	0.23107514	0.002576
326-SS2	0.03716475	0.08224653	6.07E-05
333-SS2	0.06762514	0.190702	0.00088537
334-SS2	0.07566951	0.21934435	0.0020486
336-SS2	0.0259544	0.04233161	4.09E-05
337-SS2	0.11024839	0.34246388	0.0031181
338-SS2	0.04307633	0.10329495	8.29E-05
339-SS2	0.14870992	0.47940776	0.0018713
341-SS2	0.1478134	0.47621563	0.0018716
342-SS2	0.24257934	0.8136337	0.00085764
352-SS2	0.2579755	0.8684523	0.000778
362-SS2	0.04294428	0.10282479	8.29E-05
366-SS2	0.1150463	0.35954702	0.002594
374-SS2	0.03278487	0.06665177	5.00E-05
381-SS2	0.01666368	0.0092516	3.38E-05
386-SS2	0.0184237	0.01551822	3.49E-05
388-SS2	0.01852593	0.01588222	3.49E-05
395-SS2	0.03624576	0.07897441	5.82E-05
396-SS2	0.03277665	0.06662253	5.00E-05

397-SS2	0.04152428	0.09776883	7.40E-05
416-SS2	0.01871006	0.01653783	3.49E-05
422-SS2	0.04969814	0.12687217	0.00013566
423-SS2	0.05021035	0.12869592	0.00013566
428-SS2	0.2726151	0.9205773	0.000753
429-SS2	0.04601554	0.11376012	0.00010046
431-SS2	0.01528435	0.00434044	3.27E-05
432-SS2	0.02608169	0.04278481	4.09E-05
434-SS2	0.04726366	0.11820412	0.00010777
440-SS2	0.01501398	0.00337779	3.27E-05
441-SS2	0.03282804	0.06680547	5.00E-05
452-SS2	0.01577396	0.00608372	3.33E-05
453-SS2	0.04184916	0.09892555	7.82E-05
457-SS2	0.03048842	0.05847517	4.55E-05
462-SS2	0.03202691	0.06395304	4.83E-05
464-SS2	0.03392059	0.07069556	5.17E-05
465-SS2	0.03145355	0.06191157	4.83E-05
469-SS2	0.02569316	0.04140146	4.00E-05
470-SS2	0.03865165	0.08754069	6.36E-05
471-SS2	0.04634927	0.1149484	0.00010046
483-SS2	0.05055796	0.1299336	0.00014746
491-SS2	0.10022888	0.30678898	0.0040879
499-SS2	0.03134477	0.06152424	4.68E-05
507-SS2	0.07655947	0.22251306	0.0022191
511-SS2	0.02915403	0.05372402	4.42E-05
518-SS2	0.04175947	0.09860622	7.40E-05
530-SS2	0.02074753	0.02379233	3.62E-05
546-SS2	0.02400068	0.03537531	3.91E-05
550-SS2	0.01982887	0.02052141	3.55E-05
556-SS2	0.04632357	0.11485689	0.00010046
559-SS2	0.01818525	0.01466924	3.44E-05
560-SS2	0.04920363	0.12511145	0.00012523
562-SS2	0.04757603	0.11931632	0.00011598
567-SS2	0.01737948	0.01180025	3.44E-05
568-SS2	0.01761333	0.01263288	3.44E-05
572-SS2	0.02095358	0.02452597	3.62E-05
590-SS2	0.02273173	0.03085716	3.76E-05
593-SS2	0.01862374	0.01623048	3.49E-05
594-SS2	0.04325621	0.10393543	8.29E-05
598-SS2	0.01641755	0.00837525	3.38E-05
606-SS2	0.02083774	0.02411353	3.62E-05

611-SS2	0.02033665	0.02232939	3.62E-05
618-SS2	0.03354674	0.06936443	5.17E-05
620-SS2	0.06240973	0.17213231	0.00047505
628-SS2	0.02248754	0.0299877	3.76E-05
635-SS2	0.0317923	0.0631177	4.83E-05
637-SS2	0.03555368	0.07651025	5.58E-05
640-SS2	0.01823859	0.01485914	3.44E-05
641-SS2	0.04538544	0.11151663	9.39E-05
644-SS2	0.02023729	0.0219756	3.62E-05
651-SS2	0.0164805	0.0085994	3.38E-05
659-SS2	0.04517967	0.11078399	9.39E-05
666-SS2	0.03555965	0.07653152	5.58E-05
673-SS2	0.04293574	0.10279439	8.29E-05
679-SS2	0.03695643	0.08150478	5.82E-05
683-SS2	0.01676084	0.00959754	3.38E-05
689-SS2	0.01676072	0.00959712	3.38E-05
695-SS2	0.02101916	0.02475949	3.62E-05
717-SS2	0.04322038	0.10380785	8.29E-05
720-SS2	0.02614618	0.04301444	4.09E-05
721-SS2	0.0856685	0.25494614	0.0037839
725-SS2	0.01605676	0.00709063	3.33E-05
729-SS2	0.04491453	0.10983993	9.39E-05
736-SS2	0.05633837	0.15051499	0.000257
750-SS2	0.04832901	0.12199734	0.00011598
764-SS2	0.03668342	0.08053274	5.82E-05
773-SS2	0.02644295	0.04407112	4.09E-05
787-SS2	0.01695158	0.01027669	3.38E-05
789-SS2	0.03877824	0.08799143	6.36E-05
792-SS2	0.04881116	0.12371404	0.00012523
805-SS2	0.02875667	0.0523092	4.42E-05
807-SS2	0.01717971	0.01108895	3.38E-05
810-SS2	0.07635722	0.22179294	0.0020486
819-SS2	0.06990916	0.19883434	0.0010821
827-SS2	0.01548454	0.00505322	3.33E-05
831-SS2	0.0548952	0.14537653	0.00021164
842-SS2	0.07718301	0.2247332	0.0022191
844-SS2	0.02750131	0.04783943	4.19E-05
848-SS2	0.03549127	0.07628803	5.58E-05
852-SS2	0.04673858	0.11633454	0.00010777
854-SS2	0.04625616	0.11461686	0.00010046
855-SS2	0.18061158	0.5929949	0.001475

866-SS2	0.2535032	0.8525286	0.00079608
868-SS2	0.0838189	0.24836056	0.0034742
870-SS2	0.02151024	0.02650798	3.69E-05
879-SS2	0.03017609	0.05736311	4.55E-05
890-SS2	0.16408545	0.5341529	0.0017494
892-SS2	0.0411466	0.09642407	7.40E-05
893-SS2	0.26859093	0.90624905	0.00075594
896-SS2	0.25510883	0.8582455	0.00078825
897-SS2	0.04902544	0.124477	0.00012523
900-SS2	0.02260704	0.03041318	3.76E-05
903-SS2	0.03783943	0.08464876	6.07E-05
904-SS2	0.02292062	0.0315297	3.76E-05
907-SS2	0.01855496	0.0159856	3.49E-05
909-SS2	0.16020791	0.52034676	0.0018
910-SS2	0.01970691	0.02008717	3.55E-05
917-SS2	0.09201587	0.27754623	0.0043903
924-SS2	0.2768543	0.93567115	0.00075222
930-SS2	0.06793737	0.19181374	0.00088537
934-SS2	0.08331285	0.24655877	0.0034742
935-SS2	0.04730744	0.11835999	0.00010777
936-SS2	0.04535309	0.11140145	9.39E-05
937-SS2	0.03560482	0.07669233	5.58E-05
940-SS2	0.05027838	0.12893817	0.00014746
942-SS2	0.05124309	0.13237306	0.00016076
949-SS2	0.01624761	0.00777016	3.33E-05
951-SS2	0.12118953	0.38142022	0.0022308
953-SS2	0.04047484	0.09403224	7.01E-05
954-SS2	0.03384581	0.07042931	5.17E-05
957-SS2	0.04263451	0.10172182	7.82E-05
962-SS2	0.08798458	0.26319265	0.0041422
967-SS2	0.03894823	0.08859669	6.36E-05
974-SS2	0.02686259	0.04556524	4.19E-05
976-SS2	0.01629582	0.00794182	3.33E-05
983-SS2	0.04257742	0.10151855	7.82E-05
1004-SS2	0.0200805	0.02141733	3.55E-05
1007-SS2	0.03721218	0.08241541	6.07E-05
1011-SS2	0.04460446	0.10873593	9.39E-05
1012-SS2	0.0275787	0.048115	4.19E-05
1018-SS2	0.0839591	0.24885973	0.0034742
1022-SS2	0.02055798	0.02311743	3.62E-05
1023-SS2	0.04438414	0.10795146	8.81E-05

1031-SS2	0.04274539	0.10211662	8.29E-05
1043-SS2	0.04476008	0.10929002	9.39E-05
1052-SS2	0.03953459	0.09068443	6.67E-05
1055-SS2	0.01621787	0.0076643	3.33E-05
1056-SS2	0.0292033	0.05389944	4.42E-05
1060-SS2	0.0188514	0.01704108	3.49E-05
1064-SS2	0.044757	0.10927905	9.39E-05
1067-SS2	0.02603454	0.04261695	4.09E-05
1071-SS2	0.11228705	0.3497226	0.0028393
1079-SS2	0.02424106	0.03623118	3.91E-05
1080-SS2	0.01609856	0.00723946	3.33E-05
1083-SS2	0.04212715	0.09991536	7.82E-05
1087-SS2	0.0484251	0.12233949	0.00012523
1092-SS2	0.02587156	0.04203664	4.09E-05
1103-SS2	0.04348169	0.10473825	8.29E-05
1109-SS2	0.01552603	0.00520097	3.33E-05
1112-SS2	0.01564911	0.0056392	3.33E-05
1113-SS2	0.02114684	0.02521407	3.69E-05
1116-SS2	0.02199039	0.02821758	3.69E-05
1118-SS2	0.10847794	0.3361601	0.0032165
1122-SS2	0.03069465	0.05920947	4.68E-05
1124-SS2	0.01608531	0.0071923	3.33E-05
1135-SS2	0.04166711	0.09827735	7.40E-05
1140-SS2	0.02614418	0.04300733	4.09E-05
1143-SS2	0.04115	0.09643617	7.40E-05
1151-SS2	0.03153025	0.06218467	4.83E-05
1159-SS2	0.01900839	0.01760006	3.49E-05
1175-SS2	0.04009777	0.09268968	7.01E-05
1179-SS2	0.05179515	0.13433868	0.00016076
1181-SS2	0.01560402	0.00547865	3.33E-05
1187-SS2	0.01576745	0.00606054	3.33E-05
1188-SS2	0.01812432	0.01445227	3.44E-05
1193-SS2	0.05392638	0.14192702	0.00019264
1195-SS2	0.03771412	0.08420258	6.07E-05
1204-SS2	0.04737237	0.11859117	0.00010777
1205-SS2	0.0191373	0.01805905	3.49E-05
1215-SS2	0.0221111	0.02864739	3.76E-05
1223-SS2	0.01667172	0.00928025	3.38E-05
1227-SS2	0.02344243	0.03338762	3.83E-05
1233-SS2	0.0198754	0.02068706	3.55E-05
1240-SS2	0.02301141	0.03185295	3.83E-05

1241-SS2	0.03765414	0.083989	6.07E-05
1243-SS2	0.02560086	0.04107282	4.00E-05
1244-SS2	0.03485631	0.07402721	5.37E-05
1246-SS2	0.01852834	0.0158908	3.49E-05
1250-SS2	0.04204536	0.09962414	7.82E-05
1256-SS2	0.04160262	0.09804776	7.40E-05
1259-SS2	0.02024341	0.02199737	3.62E-05
1276-SS2	0.01544121	0.00489896	3.27E-05
1279-SS2	0.02302526	0.03190228	3.83E-05
1285-SS2	0.1207611	0.3798948	0.0022308

diff_rate	net_proliferation
0.0084694	0.50845
0.0092171	-0.0058338
0.032389	-1.0771
0.00894	0.6398
0.033642	-0.95303
0.083714	0.04663
0.0078823	0.33401
0.0072071	0.11821
0.032743	-1.0111
0.092718	0.030934
0.0090104	0.65886
0.08799	0.040962
0.012958	0.0021206
0.032474	-1.0393
0.0089841	-0.0064176
0.038348	-0.7654
0.03239	-1.0557
0.041454	0.035337
0.092718	0.030934
0.0072071	0.11821
0.042008	-0.63085
0.057264	-0.31669
0.034106	-1.1486
0.0073793	0.17468
0.032474	-1.0393
0.033792	-1.1419
0.049567	0.040812
0.09204	0.032017
0.0072386	0.12857
0.0077085	-0.0060189
0.0080815	-0.007536
0.042008	-0.65431
0.016066	0.0079609
0.007147	0.0078041
0.0080815	-0.007536
0.032861	-1.1149
0.0070589	0.066311
0.032462	-1.0894
0.007306	0.15072
0.099669	0.06705

0.033948	-1.1453
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0.016809	0.0092115
0.0075002	0.21378
0.0074182	0.17468
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0.0071773	0.10834
0.007306	0.15072
0.0083433	0.47199
0.007306	0.15072
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0.0070309	0.052688
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0.007123	0.090103
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0.032462	-1.0894
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0.0081037	0.40122

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0.013504	0.0032251
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0.0081037	0.40122
0.007306	0.13941
0.05467	-0.34019
0.10347	0.024827
0.036619	-0.82536
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0.0070309	0.052688
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0.013504	0.0032251
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0.0092171	-0.0064176
0.033219	-1.1274
0.0071773	0.10834
0.0094709	-0.0058338
0.0072386	0.12857
0.0076807	0.27125
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0.057264	-0.31669
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0.087374	0.041005
0.0080466	0.38405
0.087374	0.041005
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0.0073419	0.16248
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0.033642	-0.95303
0.075932	-0.059632
0.010048	-0.0044341
0.033412	-0.96585

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0.032389	-1.0771
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0.007306	0.15072
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0.03524	-0.87876
0.0072715	0.13941
0.010048	-0.0044341
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0.033412	-0.96585
0.034106	-1.1486
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0.081558	0.0020229
0.0081037	0.40122

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0.0083433	0.47199
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0.010376	-0.0027971
0.0071491	0.098977
0.0072071	0.11821
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0.0071773	0.10834
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0.081558	0.0020229
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0.033412	-0.96585
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0.007306	0.13941
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0.052201	-0.41225
0.007306	0.13941
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0.007123	0.090103
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0.00894	0.6398
0.0081037	0.40122
0.0081619	0.41861
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0.043079	0.037634
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0.0072386	0.12857
0.0084058	0.49014
0.0085339	0.52689
0.0081619	0.41861
0.024427	0.019776
0.077118	0.051444
0.0085994	0.54547
0.10488	0.039956
0.026825	0.022479
0.0072715	0.13941
0.0073793	0.17468
0.0087331	0.58295
0.0075433	0.2276
0.0084694	0.50845
0.067111	-0.1449
0.033219	-1.1274
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0.0075002	0.21378
0.013504	0.0032251
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0.0088013	0.60183
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0.0084058	0.49014
0.0087331	0.58295
0.0082818	0.43621
0.0087331	0.58295
0.0072386	0.11821
0.0072071	0.11821
0.0082213	0.43621
0.007099	0.081709
0.007022	0.040742
0.0072715	0.13941
0.0071773	0.10834
0.081445	0.04924
0.051147	0.042727

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0.0074585	0.20034
0.0091534	0.69708
0.0070776	0.066311
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0.0082213	0.43621
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0.095403	0.027913
0.0085339	0.52689
0.0086658	0.56416
0.089343	0.036534
0.032544	-1.0304
0.014706	0.0055346
0.007306	0.15072
0.0071491	0.090103
0.0076336	0.25635
0.0073793	0.17468
0.0084694	0.50845
0.0085339	0.52689
0.0085339	0.52689
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0.0087331	0.58295
0.0088013	0.58295
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0.0073793	0.17468
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0.10485	0.033276
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0.0073419	0.16248
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0.007306	0.15072
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0.045635	-0.5589
0.007306	0.15072
0.082903	0.0020229
0.0090816	0.67796
0.0070776	0.073782
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0.0073419	0.16248
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0.0071894	0.0051576
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0.07879	-0.019688
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0.016809	0.0092115
0.10134	0.022479
0.0082213	0.43621
0.0079906	0.36712
0.010048	-0.0044341
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0.0072386	0.12857
0.082578	0.04737
0.020232	0.014403
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0.0070776	0.073782
0.0073793	0.17468
0.0082818	0.45401

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0.007123	0.090103
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0.0081619	0.41861
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0.037733	-0.78604
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0.0076807	0.27125
0.033092	-1.1234
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0.0082313	-0.0076938
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0.0070433	0.059284
0.0079451	-0.0072122
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0.0072715	0.13941
0.0081619	0.41861
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0.0078823	0.33401
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0.0089841	-0.0064176
0.0082818	0.45401
0.047677	-0.5101
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0.0071773	0.10834

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0.0078823	0.33401
0.0072715	0.13941
0.04467	-0.5831
0.046637	-0.53455
0.10434	0.026889
0.012448	0.001053
0.00894	0.6398
0.032544	-1.021
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0.03239	-1.0557
0.010731	-0.0019027
0.0079451	-0.0072122
0.0080466	0.38405
0.037733	-0.78604
0.032205	0.029119
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0.097342	0.025383
0.032423	-1.0393
0.0079451	-0.0072122
0.0072386	0.12857
0.048754	-0.4856
0.034855	-0.89503
0.007022	0.040742
0.10264	0.061137
0.0080815	-0.007536
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0.00783	0.31787
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0.0090816	0.67796
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0.098149	0.067232
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0.016809	0.010484
0.039002	-0.74417
0.10415	0.052398
0.10183	0.022679
0.0070272	0.025758
0.0074333	-0.0026829
0.039002	-0.74417
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0.0070401	0.021497
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0.0089841	-0.0064176
0.0070433	0.059284
0.0078823	0.33401
0.010048	-0.0044341
0.032633	-1.0111
0.0072071	0.11821
0.0074182	0.17468
0.0094709	-0.0058338
0.0094709	-0.0058338
0.0071491	0.098977
0.0088702	0.62079
0.093574	0.05853
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0.0079359	0.35043
0.007779	0.30202
0.0077292	0.28647
0.010048	-0.0044341
0.0088702	0.62079
0.0073419	0.16248
0.014706	0.0055346
0.0082818	0.45401
0.0090104	0.65886

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0.0073793	0.17468
0.00783	0.30202
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0.0075433	0.21378
0.010376	-0.0036418
0.010731	-0.0027971
0.0094709	-0.0058338
0.013504	0.004364
0.055952	-0.31669
0.0085339	0.52689
0.0071773	0.10834
0.043079	0.037634
0.007821	-0.0067106
0.016066	0.0079609
0.0072386	0.12857
0.010048	-0.0044341
0.083714	0.04583
0.0088702	0.62079
0.0078823	0.33401
0.067111	-0.16433
0.0070169	0.035368
0.0092171	-0.0064176
0.079691	0.050593
0.0090104	0.65886
0.0082213	0.43621
0.0084694	0.50845
0.0085746	-0.0075602
0.0073793	0.17468
0.03239	-1.0557
0.078448	0.051216
0.0079359	0.35043

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0.0082313	-0.0076938
0.0092171	-0.0058338
0.0076336	0.25635
0.0586	0.04604
0.0097473	-0.0051686
0.0070272	0.021497
0.0078823	0.33401
0.016066	0.0092115
0.08799	0.034794
0.0085339	0.52689
0.02223	0.018425
0.032373	-1.0704
0.007306	0.15072
0.014706	0.0055346
0.017596	0.010484
0.020232	0.014403
0.10271	0.023443
0.0085994	0.54547
0.0079906	0.36712
0.0088702	0.62079
0.079691	0.050593
0.074911	0.051821
0.039695	-0.72239
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0.032418	-1.0834
0.042857	-0.63085
0.08799	0.040962
0.0090816	0.67796
0.016809	0.010484
0.0097473	-0.0051686
0.0072386	0.12857
0.011527	-0.0009612
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0.0070433	0.059284
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0.096706	0.025383
0.00894	0.6398
0.011527	-0.0009612
0.00894	0.6398
0.0087704	-0.0072929
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0.010376	-0.0036418
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0.0073793	0.17468
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0.0071491	0.098977
0.0079906	0.36712
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0.0070159	0.035368
0.0078823	0.33401
0.0072955	0.00071242
0.0086658	0.56416
0.0089841	-0.006908
0.0078823	0.33401
0.051016	-0.43662
0.033208	-0.97806

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0.007306	0.15072
0.0097473	-0.0051686
0.0083433	0.47199
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0.0070309	0.052688
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0.0079906	0.36712
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0.0070433	0.052688
0.0082213	0.43621
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0.011527	-0.0009612
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0.0070159	0.035368
0.0074182	0.1873
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0.10183	0.022512
0.0078823	0.33401
0.023303	0.019776
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0.007123	0.090103
0.0073419	0.16248
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0.032418	-1.0834
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0.0074585	0.20034
0.007306	0.13941

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0.0082818	0.45401
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0.0071773	0.10834
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0.033642	-0.93955
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0.0072071	0.11821

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0.0082313	-0.0076979
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0.0072386	0.12857
0.023303	0.019776
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0.0070192	0.025758
0.018428	0.013082
0.07411	0.051783
0.0071894	0.0051576
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0.03612	-0.84394
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0.007099	0.081709
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0.044711	0.038732
0.074911	0.051821
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0.058604	-0.27073
0.00894	0.6398

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0.032418	-1.0834
0.007306	0.15072
0.033642	-0.95303
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0.00783	0.31787
0.032418	-1.0834
0.05467	-0.36399
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0.0076336	0.25635
0.0075002	0.21378
0.0080466	0.38405
0.0082213	0.43621
0.0075433	0.2276
0.026825	0.022479
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0.0073793	0.17468
0.0072955	0.00071242
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0.041199	-0.65431
0.0339	-0.93955
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0.074476	-0.074934
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0.0077292	0.28647
0.00783	0.31787
0.010048	-0.0036418
0.00894	0.6398
0.0086658	0.56416
0.0084694	0.49014
0.049567	0.040812
0.0091534	0.69708
0.0073793	0.17468
0.036619	-0.82536
0.0083433	0.47199
0.0079906	0.36712
0.083144	0.04663
0.032423	-1.0477

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0.0094709	-0.0051686
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0.062629	0.048056
0.066276	0.050095
0.0084694	0.50845
0.0075002	0.21378
0.0088702	0.62079
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0.041199	-0.67741
0.077795	0.051216
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0.0084694	0.50845
0.0071491	0.098977
0.0073419	0.16248
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0.0086658	0.56416
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0.0085339	0.52689
0.068581	-0.1449
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0.041199	-0.67741
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0.0082313	-0.0076938

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0.0070589	0.066311
0.02223	0.018425
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0.0081619	0.41861
0.0076807	0.27125
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0.0077292	0.28647
0.016809	0.0092115
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0.015366	0.0067344
0.0080466	0.38405
0.0071491	0.098977
0.011972	0.001053
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0.0079359	0.35043
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0.020232	0.015736
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0.0081619	0.41861
0.019306	0.014403
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0.0084058	0.49014
0.069529	0.050826
0.057178	0.045278
0.0072071	0.11821
0.00894	0.6398
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0.0070159	0.035368
0.0070169	0.040742
0.0082213	0.43621
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0.080287	0.050199
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0.084884	0.044052

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0.0075002	0.21378
0.00783	0.31787
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0.0082213	0.43621
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0.0072715	0.13941
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0.007306	0.15072
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0.10477	0.044903
0.0074182	0.1873
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0.0082313	-0.0076979
0.0070192	0.030378
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0.0072386	0.12857
0.0085746	-0.0072929
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0.039695	-0.72239
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0.0074585	0.20034
0.0084694	0.50845
0.0074585	0.20034
0.0085339	0.52689
0.0091534	0.69708

0.0090816	0.67796
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0.007306	0.15072
0.0072715	0.13941
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0.0076069	-0.0051251
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0.062629	0.048637
0.033412	-0.96585
0.00894	0.6398
0.0084058	0.49014
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0.039002	-0.74417
0.082578	0.048051
0.0085339	0.52689
0.0073793	0.17468
0.024427	0.021128
0.007821	-0.0067106
0.0084058	0.49014
0.0081037	0.40122
0.007306	0.15072
0.032205	0.029119
0.074476	-0.074934
0.0072386	0.12857
0.0070818	0.014005
0.0085339	0.52689
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0.0082818	0.45401
0.04467	-0.5831
0.0083433	0.47199

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0.0072386	0.12857
0.0082818	0.45401
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0.0070309	0.052688
0.010731	-0.0019027
0.024427	0.019776
0.0082818	0.45401
0.03612	-0.84394
0.0079359	0.35043
0.08799	0.034794
0.073008	-0.09116
0.00783	0.31787
0.0082213	0.43621
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0.059971	-0.27073
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0.0091534	0.69708

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0.0091534	0.69708
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0.034187	-0.92541
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0.0081619	0.41861
0.0076807	0.27125
0.0074585	0.20034
0.037156	-0.80605
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0.0092171	-0.0058338
0.034187	-0.91058
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0.0076807	0.27125
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0.00783	0.31787
0.03669	0.031675
0.0073793	0.17468
0.0076336	0.25635
0.0075433	0.2276
0.0076336	0.25635
0.0081619	0.41861
0.1035	0.057058
0.0070589	0.059284
0.0083433	0.47199
0.0070776	0.073782
0.086735	0.042062
0.00783	0.31787
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0.0076807	0.27125
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0.0081619	0.41861
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0.0073793	0.17468
0.0072071	0.11821
0.0083953	-0.0076979
0.028099	0.023825
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0.029421	0.025165
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0.0074585	0.1873
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0.00783	0.31787
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0.0076336	0.25635
0.033642	-0.95303
0.0074585	0.1873
0.0088702	0.62079
0.032668	-1.1056
0.0088702	0.62079
0.0070169	0.040742
0.0087331	0.58295
0.0079451	-0.0072122
0.0087331	0.58295
0.059983	0.046758
0.0074182	0.1873
0.0070309	0.052688
0.086766	0.027849
0.079691	0.050593
0.023303	0.018425
0.032373	-1.0704
0.014706	0.0055346
0.033948	-1.1453
0.010048	-0.0036418
0.0070589	0.066311
0.082578	0.048051
0.00783	0.31787
0.077118	0.051619
0.0085746	-0.0075602
0.0080815	-0.0076938
0.0072071	0.11821
0.0074182	0.1873
0.0070309	0.052688
0.042857	-0.6071
0.013504	0.0032251
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0.0097473	-0.0044341
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0.0077085	-0.0060189
0.061327	0.048056

0.0071491	0.098977
0.0073793	0.17468
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0.0071113	0.010749
0.0082213	0.43621
0.078448	0.050932
0.00783	0.31787
0.0084058	0.49014
0.0076807	0.27125
0.0070309	0.052688
0.0080815	-0.007536
0.00783	0.31787
0.0091534	0.69708
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0.013504	0.004364
0.00894	0.6398
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0.0097473	-0.0044341
0.082903	0.0020229
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0.0082818	0.45401
0.047964	0.039792
0.0071773	0.10834
0.0070776	0.073782
0.061327	0.04743
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0.0070169	0.040742
0.0083433	0.47199
0.052201	-0.41225
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0.0084058	0.49014
0.007306	0.15072
0.015366	0.0067344
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0.0080815	-0.007536
0.043079	0.037634

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0.0075002	0.21378
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0.0084058	0.49014
0.0074585	0.20034
0.020232	0.014403
0.0073793	0.17468
0.034187	-0.92541
0.0075433	0.2276
0.0097473	-0.0051686
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0.0081037	0.40122
0.007306	0.15072
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0.007123	0.090103
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0.016066	0.0079609
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0.063888	0.04917

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0.013504	0.004364
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0.0079906	0.36712
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0.007306	0.13941
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0.0097473	-0.0051686
0.0085339	0.52689
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0.0074585	0.20034
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0.039002	-0.74417
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0.098149	0.067232
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0.0079906	0.36712
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0.0075433	0.2276
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0.00783	0.30202
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0.0073419	0.16248
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0.094069	0.029884
0.0083953	-0.0076979
0.0084058	0.49014
0.0073419	0.15072
0.08799	0.034794
0.093574	0.05853
0.040428	-0.70012
0.0088013	0.60183
0.0075002	0.21378
0.0085746	-0.0072929
0.082013	0.048674
0.051016	-0.43662
0.0088702	0.62079
0.0070401	0.021497
0.0090104	0.65886
0.0070581	0.017584
0.077372	-0.045303
0.074476	-0.074934
0.0090816	0.67796
0.00783	0.31787
0.069529	0.050826
0.0072715	0.12857
0.011527	-0.0009612
0.0074333	-0.0040171

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0.0081619	0.41861
0.0073419	0.16248
0.007779	0.30202
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0.00783	0.31787
0.033208	-0.97806
0.0080466	0.38405
0.0082213	0.43621
0.010048	-0.0036418
0.091362	0.033125
0.0090104	0.65886
0.0081037	0.40122
0.0081037	0.40122
0.0075002	0.21378
0.0085339	0.52689
0.08799	0.034794
0.10488	0.042402
0.0085994	0.54547
0.063888	0.04917
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0.0088013	0.60183
0.0079906	0.36712
0.0088702	0.62079
0.0087331	0.58295
0.0083953	-0.0076979
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0.0071773	0.10834
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0.0085994	0.54547
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0.007099	0.081709
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0.0080466	0.38405
0.010048	-0.0044341
0.0075877	0.2418
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0.0076336	0.25635
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0.081445	0.04924
0.065651	-0.18445
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0.0090816	0.67796
0.097966	0.024682
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0.08799	0.034794
0.007779	0.30202
0.0085339	0.52689
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0.10485	0.03138
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0.007779	0.30202
0.086766	0.034794
0.08918	0.046386
0.0083433	0.47199
0.010731	-0.0027971
0.0072715	0.13941

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0.007306	0.15072
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0.007099	0.073782
0.0081619	0.41861
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0.03612	-0.84394
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0.0082313	-0.0076938
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0.0082313	-0.0076938
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0.007306	0.13941
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0.03276	-1.1104
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0.033208	-0.97806
0.0087331	0.58295
0.096449	0.06518
0.0081037	0.40122
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0.097966	0.024682

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0.081558	-0.008361
0.0077085	-0.0060189
0.0075433	0.2276
0.0082818	0.45401
0.0085994	0.54547
0.020232	0.015736
0.0072071	0.11821
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0.0339	-0.93955
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0.032423	-1.0477
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0.0092171	-0.0064176
0.0081037	0.40122
0.0087331	0.58295
0.079691	0.050199
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0.0088013	0.60183
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0.0092171	-0.0058338
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0.0090816	0.67796
0.0076336	0.25635
0.0084694	0.50845
0.0071773	0.10834
0.0075002	0.20034
0.0090104	0.65886
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0.0070818	0.014005
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0.0081037	0.40122
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0.0073419	0.16248
0.076413	0.051739
0.007099	0.081709
0.05467	-0.36399
0.013504	0.004364
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0.098932	0.067232
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0.010048	-0.0044341
0.0072071	0.11821
0.097342	0.025383
0.0072715	0.12857
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0.057264	-0.31669
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0.032743	-1.0111
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0.0090816	0.67796
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0.0075002	0.21378
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0.0090816	0.67796
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0.0085746	-0.0075602
0.0071773	0.10834
0.039695	-0.72239
0.05467	-0.36399
0.0070272	0.025758
0.087374	0.039917
0.0090104	0.65886
0.070527	0.051118
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0.033662	0.029119
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0.084293	0.04497
0.0074585	0.20034
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0.0075002	0.21378
0.0070776	0.073782
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0.052201	-0.41225
0.0070272	0.025758
0.0072955	0.00071242
0.0075433	0.2276
0.0091534	0.69708
0.0075433	0.2276
0.0071773	0.10834
0.007123	0.090103
0.0075433	0.2276
0.012958	0.0032251
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0.007306	0.13941
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0.0075433	0.2276
0.078448	0.051216
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0.0090104	0.65886
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0.10036	0.06649
0.0072715	0.13941
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0.0072386	0.12857
0.0083433	0.47199
0.0085994	0.54547
0.0082213	0.43621
0.012448	0.001053
0.0090104	0.65886
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0.00894	0.6398
0.0074585	0.20034
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0.086735	0.042062

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0.007123	0.081709
0.080287	0.050199
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0.013504	0.0032251
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0.007022	0.046511
0.0070776	0.073782
0.046637	-0.53455
0.0074585	0.20034
0.0079359	0.35043
0.010048	-0.0044341
0.0073602	-0.0011105
0.0078823	0.33401
0.048754	-0.4856
0.0083433	0.47199
0.010731	-0.0019027
0.0077085	-0.0067106
0.0073602	-0.0026829
0.068581	-0.1449
0.1035	0.054784
0.090686	0.035391
0.0072071	0.11821
0.03239	-1.0477
0.0072071	0.11821
0.078448	0.050932
0.0073793	0.17468
0.023303	0.019776
0.033662	0.030407

0.067111	-0.16433
0.0070581	0.017584
0.079691	0.050199
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0.0072386	0.12857
0.0070433	0.059284
0.00783	0.31787
0.0076807	0.27125
0.038254	0.032921
0.032389	-1.0771
0.0070776	0.073782
0.0092171	-0.0064176
0.0076069	-0.0051251
0.070056	-0.10826
0.0072715	0.13941
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0.0070776	0.073782
0.10415	0.052398
0.0070159	0.035368
0.0088013	0.60183
0.03612	-0.84394
0.0070401	0.021497
0.0074585	0.20034
0.096449	0.06518
0.011527	-0.0009612
0.0072386	0.12857
0.10462	0.047424
0.030791	0.026496
0.0081037	0.40122
0.00783	0.31787
0.020232	0.014403
0.0070776	0.073782
0.070056	-0.10826
0.092718	0.030934
0.0079359	0.35043
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0.1003	0.022572
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0.10134	0.022512

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0.0076069	-0.0051251
0.0071491	0.090103
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0.038348	-0.7654
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0.0070401	0.021497
0.035661	-0.86174
0.033792	-1.1419
0.032875	-1.0007
0.0075433	0.2276
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0.0073419	0.16248
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0.011527	-0.0009612
0.032743	-1.0111
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0.03612	-0.84394
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0.011114	-0.0009612
0.0083953	-0.0075602
0.0071491	0.098977
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0.0080466	0.38405
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0.0075877	0.2418
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0.033642	-0.95303
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0.10462	0.044903
0.0085339	0.52689
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0.048754	-0.4856
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0.020232	0.014403
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0.0086658	0.56416
0.0071491	0.098977
0.092533	0.055137
0.098932	0.067232
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0.092533	0.05853
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0.09204	0.032017
0.033412	-0.96585
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0.010376	-0.0036418
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0.0072715	0.13941
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0.0076069	-0.0060189
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0.02223	0.018425
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0.040428	-0.70012
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0.093574	0.05853
0.007306	0.15072
0.007123	0.090103
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0.023303	0.018425
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0.033662	0.029119
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0.0085746	-0.0075602
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0.10036	0.06649
0.049867	-0.43662
0.0087704	-0.0072929
0.00894	0.6398
0.07879	-0.031991
0.0090816	0.67796
0.0075877	0.2418
0.0075433	0.2276
0.10215	0.062875

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0.0070776	0.073782
0.032205	0.027815
0.00783	0.31787
0.039844	0.035337
0.08918	0.040962
0.0072071	0.11821
0.037156	-0.80605
0.034505	-0.91058
0.0080815	-0.007536
0.0090104	0.65886
0.0071773	0.10834
0.0079906	0.36712
0.032743	-1.0111
0.0072387	0.0027978
0.091453	0.0511
0.10409	0.02577
0.0097473	-0.0051686
0.0071491	0.098977
0.0073602	-0.0011105
0.0085339	0.52689
0.014086	0.004364
0.0076336	0.25635
0.0072071	0.10834
0.057264	-0.31669
0.074911	0.051821
0.010048	-0.0044341
0.019306	0.014403
0.0070433	0.052688
0.0089841	-0.006908
0.0074182	0.1873
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0.03239	-1.0557
0.10496	0.037598
0.0073419	0.16248
0.10455	0.028193
0.0070272	0.025758
0.007123	0.090103
0.0073793	0.17468

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0.076413	0.051619
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0.024427	0.021128
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0.0081037	0.40122
0.0071113	0.0078041
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0.0071773	0.10834
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0.0072071	0.11821
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0.082578	0.048051
0.0074182	0.1873
0.0070309	0.052688
0.0071773	0.10834
0.007306	0.15072
0.0084058	0.49014
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0.0085994	0.54547
0.073273	0.051693
0.0070309	0.052688
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0.015366	0.0067344
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0.0084058	0.49014
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0.0076069	-0.0051251
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0.0070589	0.066311
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0.048754	-0.4856
0.011527	-0.0009612
0.071483	0.051552
0.007123	0.090103

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0.007022	0.046511
0.007123	0.090103
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0.065104	0.04917
0.09204	0.032017
0.0070309	0.052688
0.007147	0.0051576
0.010731	-0.0027971
0.074911	0.051806
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0.032474	-1.0393
0.066276	0.049656
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0.032743	-1.0111
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0.0072386	0.12857
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0.007123	0.090103
0.0082213	0.43621
0.0073793	0.17468
0.007123	0.090103
0.0072386	0.12857
0.0090816	0.67796
0.038348	-0.7654
0.0070169	0.040742
0.0071491	0.090103
0.0070776	0.073782
0.0083433	0.47199
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0.0070589	0.066311
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0.038348	-0.7654
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0.086735	0.041005
0.007123	0.090103
0.09204	0.032017
0.0085994	0.54547

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0.0073419	0.15072
0.062773	-0.22652
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0.032633	-1.021
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0.05467	-0.36399
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0.070056	-0.10826
0.032633	-1.0111
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0.034187	-0.91058
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0.0071773	0.10834
0.0071773	0.10834
0.0072387	0.0027978
0.0072071	0.11821
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0.0071773	0.10834
0.032633	-1.021
0.007306	0.15072
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0.00894	0.6398
0.062773	-0.22652
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0.011114	-0.0009612
0.007123	0.090103
0.0079451	-0.0072122
0.0085339	0.52689
0.092718	0.030934
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0.046342	0.038732
0.032588	-1.1005
0.0070589	0.066311
0.08868	0.037674
0.0076336	0.25635
0.0087704	-0.0072929
0.0090104	0.65886
0.007123	0.090103

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0.067111	-0.16433
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0.0073793	0.17468
0.0078823	0.33401
0.0082818	0.45401
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0.0081037	0.40122
0.0073793	0.16248
0.019306	0.013082
0.093395	0.029884
0.0070309	0.052688
0.010048	-0.0036418
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0.011114	-0.0019027
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0.0070776	0.073782
0.033353	-1.1312
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0.0081037	0.40122
0.010048	-0.0044341
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0.033412	-0.96585

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0.0074333	-0.0040171
0.0088013	0.60183
0.0076336	0.25635
0.0075002	0.21378
0.10083	0.022479
0.0072386	0.12857

0.014086	0.004364
0.1003	0.022784
0.0090816	0.67796
0.016066	0.0079609
0.035661	-0.86174
0.02223	0.018425
0.049567	0.040812
0.0085746	-0.0075602
0.00783	0.31787
0.0072071	0.11821
0.0088702	0.62079
0.090335	0.0511
0.096706	0.025383
0.094069	0.029884
0.080287	0.050199
0.0079451	-0.0072122
0.0077292	0.28647
0.007779	0.30202
0.016809	0.010484
0.0074585	0.1873
0.071533	-0.10826
0.067111	-0.16433
0.011972	0.001053
0.007306	0.15072
0.012448	0.001053
0.0075877	0.2276
0.007306	0.15072
0.096059	0.02616
0.0081619	0.41861
0.0081619	0.41861
0.071533	-0.09116
0.012448	0.001053
0.011527	-0.0009612
0.036619	-0.82536
0.0080815	-0.007536
0.0083953	-0.0076979
0.0072386	0.12857
0.0072715	0.13941
0.011527	-0.0009612
0.0074182	0.1873
0.0070169	0.040742

0.0077292	0.28647
0.0070159	0.035368
0.0090816	0.67796
0.033092	-1.1234
0.0085746	-0.0075602
0.074476	-0.074934
0.082013	0.048674
0.0073793	0.17468
0.0088702	0.62079
0.0071773	0.10834
0.0084694	0.49014
0.015366	0.0067344
0.0070192	0.030378
0.013504	0.0032251
0.0073793	0.17468
0.0091534	0.69708
0.0070776	0.073782
0.0072386	0.12857
0.007306	0.15072
0.007779	0.30202
0.0073419	0.16248
0.0072386	0.12857
0.10134	0.022479
0.0082313	-0.0076938
0.044711	0.037634
0.0090104	0.65886
0.0073419	0.16248
0.10455	0.028193
0.07411	0.051783
0.074911	0.051806
0.080871	0.049748
0.012448	0.001053
0.0081619	0.41861
0.0070776	0.073782
0.010376	-0.0036418
0.010376	-0.0027971
0.059971	-0.27073
0.00783	0.31787
0.098932	0.067232
0.086766	0.027849
0.1035	0.057058

0.0072715	0.13941
0.0085746	-0.0075602
0.016066	0.0092115
0.033662	0.029119
0.00783	0.31787
0.055719	0.045278
0.0074333	-0.0026829
0.09204	0.032017
0.0072715	0.13941
0.10036	0.06649
0.007779	0.30202
0.011114	-0.0019027
0.007099	0.081709
0.0070589	0.066311
0.047677	-0.5101
0.00894	0.6398
0.0071773	0.10834
0.0076807	0.27125
0.04467	-0.5831
0.007306	0.15072
0.010048	-0.0044341
0.0092171	-0.0064176
0.0085746	-0.0075602
0.0082313	-0.0076979
0.0079906	0.36712
0.0075433	0.2276
0.0072071	0.11821
0.0084694	0.50845
0.0080466	0.38405
0.0075877	0.2418
0.0085746	-0.0075602
0.061361	-0.24839
0.07411	0.051783
0.012448	0.001053
0.017596	0.010484
0.0074182	0.1873
0.0085339	0.52689
0.0076336	0.25635
0.0074182	0.17468
0.0092171	-0.0064176
0.00783	0.31787

0.0074333	-0.0026829
0.0070309	0.052688
0.0088013	0.60183
0.0076336	0.25635
0.053419	-0.38803
0.03276	-1.1104
0.034187	-0.92541
0.014086	0.004364
0.055952	-0.34019
0.00783	0.31787
0.015366	0.0067344
0.068489	0.050485
0.010376	-0.0036418
0.033208	-0.97806
0.0072386	0.12857
0.073008	-0.09116
0.0079451	-0.007536
0.0087331	0.58295
0.0074182	0.1873
0.0085746	-0.0075602
0.00894	0.6398
0.096449	0.06633
0.0074585	0.20034
0.007022	0.046511
0.063888	0.048637
0.014086	0.0055346
0.038254	0.032921
0.0075002	0.21378
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0.0071773	0.10834
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0.0084694	0.50845
0.0075433	0.2276
0.0090816	0.67796
0.0075877	0.2276
0.0082313	-0.0076938
0.0071773	0.098977
0.0076807	0.27125
0.007821	-0.0072122
0.0080815	-0.007536
0.0073793	0.17468
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0.0070272	0.025758
0.0073793	0.17468
0.029421	0.026496
0.033412	-0.96585
0.0075433	0.2276
0.0072071	0.11821
0.0086658	0.56416
0.081558	-0.008361
0.0091534	0.69708
0.097966	0.024065
0.010048	-0.0036418
0.0074585	0.20034
0.0079906	0.36712
0.0073793	0.17468
0.0087704	-0.0072929
0.0070159	0.035368
0.0072955	0.00071242
0.0075433	0.2276
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0.007022	0.046511
0.0076807	0.25635
0.0085746	-0.0075602
0.0090816	0.67796
0.0073793	0.17468
0.0070818	0.014005
0.0086658	0.56416
0.0073419	0.16248
0.071483	0.05136

0.0080466	0.38405
0.033219	-1.1274
0.034106	-1.1486
0.0081037	0.40122
0.032423	-1.0477
0.0086658	0.56416
0.017596	0.011775
0.0075433	0.2276
0.0071491	0.090103
0.007821	-0.0067106
0.083144	0.04737
0.086106	0.042062
0.007123	0.090103
0.0076069	-0.0051251
0.0071113	0.010749
0.0084058	0.49014
0.0084694	0.50845
0.0073419	0.16248
0.0079906	0.36712
0.007306	0.13941
0.012448	0.001053
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0.0085746	-0.0075602
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0.0072387	0.0027978
0.0080815	-0.007536
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0.032205	0.029119
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0.080287	0.049748
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0.036619	-0.82536
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0.0088702	0.62079
0.0088702	0.62079
0.0077292	0.28647
0.0079359	0.35043

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0.0071773	0.098977
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0.007306	0.15072
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0.0083433	0.47199
0.0072715	0.13941
0.0091534	0.69708
0.0079359	0.35043
0.0090816	0.67796
0.0074585	0.20034
0.0081037	0.38405
0.0079906	0.36712
0.0078823	0.33401
0.0079906	0.36712
0.0084058	0.49014
0.0076336	0.25635
0.007306	0.15072
0.0071491	0.098977
0.020232	0.014403
0.0080466	0.38405
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0.0087331	0.58295
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0.0088013	0.60183
0.007306	0.15072
0.00894	0.6398
0.0072071	0.10834
0.0072386	0.12857
0.00894	0.6398
0.00894	0.6398
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0.0087331	0.58295

0.0087331	0.58295
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0.007779	0.30202
0.00894	0.6398
0.0073419	0.16248
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0.0090104	0.65886
0.0087331	0.58295
0.0074182	0.1873
0.0083433	0.47199
0.010376	-0.0036418
0.0090816	0.67796
0.0073419	0.16248
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0.0072386	0.11821
0.0077292	0.28647
0.0083433	0.47199
0.0090104	0.65886
0.0076336	0.25635
0.0072071	0.11821
0.0081619	0.41861
0.0090104	0.65886
0.0080815	-0.0076938
0.0073602	-0.0026829
0.0090816	0.67796
0.0070589	0.059284
0.0082313	-0.0076938
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0.007779	0.30202
0.0072715	0.13941
0.007306	0.15072
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0.038348	-0.74417
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0.0071491	0.098977
0.007123	0.090103
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0.0088013	0.60183
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0.03669	0.031675
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0.0090816	0.67796
0.0074585	0.20034
0.0072071	0.11821
0.0083433	0.47199
0.0074182	0.1873
0.0090816	0.67796
0.0090816	0.67796
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0.0086658	0.56416
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0.0075002	0.21378
0.0083433	0.47199
0.0075002	0.21378
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0.0075433	0.2276
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0.0090816	0.67796
0.0090816	0.67796
0.00894	0.6398
0.0070776	0.066311
0.0076807	0.27125
0.0072715	0.12857
0.0088702	0.62079
0.0085994	0.54547
0.0090104	0.65886
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0.0088013	0.60183
0.0085339	0.52689

0.0076807	0.27125
0.0084058	0.49014
0.00783	0.31787
0.0088702	0.62079
0.0074585	0.20034
0.0075002	0.21378
0.0087331	0.58295
0.0091534	0.69708
0.0085339	0.52689
0.051147	0.041791

cellid	dpt_pseudot	dpt_pseudot	diffusion	diff_rate	net_proliferation
9mo_SIGAE3_	0.05983197	0.3504325	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.14918116	0.88957363	6.76E-05	0.023691	-0.52143
9mo_SIGAE3_	0.05671287	0.3316115	5.98E-05	0.0075425	0.068678
9mo_SIGAE3_	0.0198481	0.10916609	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.03584907	0.20571744	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.03773571	0.2171016	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.02900942	0.16444635	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.08566231	0.5062951	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.02320711	0.12943469	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.08361795	0.49395925	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.05800305	0.3393966	6.00E-05	0.0078516	0.073002
9mo_SIGAE3_	0.05249439	0.30615687	5.87E-05	0.0065755	0.057248
9mo_SIGAE3_	0.02273564	0.12658979	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.05774936	0.33786583	6.00E-05	0.0078516	0.071569
9mo_SIGAE3_	0.04211917	0.2435518	5.24E-05	0.0047963	-0.00654
9mo_SIGAE3_	0.04711683	0.27370813	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.06233941	0.36556262	6.07E-05	0.0092324	0.085432
9mo_SIGAE3_	0.01306275	0.06822268	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.12875842	0.7663409	6.69E-05	0.023723	-0.43195
9mo_SIGAE3_	0.01818825	0.09915043	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.06697149	0.39351296	6.14E-05	0.011039	0.10251
9mo_SIGAE3_	0.0246479	0.13812853	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.00816689	0.03868065	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.11776731	0.7000196	6.64E-05	0.024917	-0.34876
9mo_SIGAE3_	0.05084928	0.2962301	5.81E-05	0.006215	0.051138
9mo_SIGAE3_	0.01972778	0.10844009	3.40E-05	0.0046667	0.0032259
9mo_SIGAE3_	0.02335591	0.1303326	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02372377	0.13255227	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.09717822	0.57578313	6.51E-05	0.023799	-0.065044
9mo_SIGAE3_	0.08283142	0.48921326	6.35E-05	0.017892	0.12434
9mo_SIGAE3_	0.05290697	0.3086464	5.87E-05	0.0065755	0.059084
9mo_SIGAE3_	0.030159	0.17138305	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.08143472	0.48078543	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.08860171	0.5240317	6.42E-05	0.020663	0.074212
9mo_SIGAE3_	0.02356591	0.13159977	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.03623226	0.20802966	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.01904375	0.10431259	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01195028	0.06150996	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.04895606	0.28480622	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.10533112	0.6249785	6.57E-05	0.025482	-0.19772
9mo_SIGAE3_	0.08216797	0.4852099	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.10953952	0.6503723	6.60E-05	0.025611	-0.2602

9mo_SIGAE3_	0.0237586	0.13276246	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02208717	0.12267685	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.05800273	0.3393947	6.00E-05	0.0078516	0.073002
9mo_SIGAE3_	0.02719589	0.15350334	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.07751834	0.45715368	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.10077085	0.59746134	6.54E-05	0.024809	-0.12375
9mo_SIGAE3_	0.03379102	0.19329903	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.02786899	0.1575649	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.01537523	0.0821764	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01802381	0.09815816	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.06008392	0.35195276	6.04E-05	0.0085136	0.07887
9mo_SIGAE3_	0.02293684	0.12780389	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.03147487	0.17932314	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.04857474	0.2825053	5.67E-05	0.0056831	0.041222
9mo_SIGAE3_	0.01827943	0.09970065	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02615666	0.14723252	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.08831471	0.5222999	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.01581736	0.08484426	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02295217	0.12789635	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.01378336	0.07257089	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.03125379	0.17798911	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.0287945	0.16314954	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.01549813	0.082918	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.0664823	0.39056116	6.13E-05	0.010826	0.10013
9mo_SIGAE3_	0.10138084	0.6011421	6.54E-05	0.024923	-0.13341
9mo_SIGAE3_	0.02866468	0.16236615	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.08313473	0.49104342	6.36E-05	0.018151	0.12434
9mo_SIGAE3_	0.00777365	0.03630777	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.01508313	0.08041388	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.0285126	0.16144852	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.03788123	0.21797971	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.03649176	0.20959549	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.04976493	0.289687	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.11758313	0.6989082	6.64E-05	0.024917	-0.34876
9mo_SIGAE3_	0.02376612	0.13280779	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.07616768	0.44900364	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.14140946	0.8426785	6.74E-05	0.023575	-0.49999
9mo_SIGAE3_	0.01239419	0.06418857	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.02068625	0.11422362	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.06448903	0.3785336	6.10E-05	0.010005	0.093303
9mo_SIGAE3_	0.02342029	0.13072105	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02959559	0.1679834	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.10852695	0.64426243	6.59E-05	0.025616	-0.24573

9mo_SIGAE3_	0.02295907	0.12793802	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.07419106	0.43707654	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.1086826	0.6452016	6.59E-05	0.025616	-0.25305
9mo_SIGAE3_	0.07688871	0.4533544	6.28E-05	0.015307	0.13605
9mo_SIGAE3_	0.13330668	0.7937856	6.71E-05	0.023556	-0.45937
9mo_SIGAE3_	0.08091305	0.4776376	6.33E-05	0.017113	0.13314
9mo_SIGAE3_	0.01552766	0.08309618	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01872272	0.10237546	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.08732891	0.5163515	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.05642485	0.3298736	5.98E-05	0.0075425	0.068678
9mo_SIGAE3_	0.0210323	0.1163117	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01844763	0.10071556	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01543655	0.08254641	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.09126836	0.5401225	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.1262988	0.7514994	6.68E-05	0.023879	-0.41325
9mo_SIGAE3_	0.07226115	0.42543125	6.21E-05	0.01308	0.12548
9mo_SIGAE3_	0.03780961	0.21754752	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.08401926	0.49638078	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.02102515	0.11626854	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.0519328	0.30276814	5.85E-05	0.0064518	0.055318
9mo_SIGAE3_	0.02026872	0.11170421	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.01060908	0.05341705	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.10724077	0.6365015	6.58E-05	0.025586	-0.23052
9mo_SIGAE3_	0.06763284	0.3975036	6.15E-05	0.011255	0.10492
9mo_SIGAE3_	0.05648885	0.33025977	5.98E-05	0.0075425	0.068678
9mo_SIGAE3_	0.05100444	0.29716635	5.81E-05	0.006215	0.051138
9mo_SIGAE3_	0.01769703	0.09618639	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.08302394	0.49037492	6.36E-05	0.018151	0.12434
9mo_SIGAE3_	0.11808402	0.70193064	6.65E-05	0.024847	-0.35363
9mo_SIGAE3_	0.01754743	0.09528364	3.33E-05	0.0049935	0.067421
9mo_SIGAE3_	0.02370569	0.13244317	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02621992	0.14761427	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.08746535	0.5171748	6.41E-05	0.020177	0.087329
9mo_SIGAE3_	0.02046794	0.1129063	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02334776	0.13028339	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.11736453	0.6975892	6.64E-05	0.024917	-0.34377
9mo_SIGAE3_	0.02478724	0.13896936	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.09086447	0.53768533	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.02647003	0.14912346	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.09358683	0.5541124	6.48E-05	0.022676	0.0013661
9mo_SIGAE3_	0.01152163	0.05892343	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02926114	0.16596527	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01145284	0.05850833	3.21E-05	0.006339	0.30353

9mo_SIGAE3_	0.01412117	0.07460927	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.08168332	0.4822855	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.08960287	0.53007275	6.43E-05	0.020902	0.059815
9mo_SIGAE3_	0.02114978	0.11702059	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.11002978	0.6533306	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.09581818	0.5675765	6.50E-05	0.023448	-0.035993
9mo_SIGAE3_	0.061134	0.35828903	6.06E-05	0.008866	0.080421
9mo_SIGAE3_	0.08893079	0.5260174	6.42E-05	0.020663	0.067165
9mo_SIGAE3_	0.01677097	0.09059845	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.0251807	0.14134352	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.0851702	0.50332564	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.03302254	0.18866193	4.32E-05	0.0041142	-0.091175
9mo_SIGAE3_	0.00777953	0.03634325	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.11663844	0.6932079	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.01784634	0.09708729	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.08038166	0.4744312	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.04368777	0.2530169	5.38E-05	0.0050014	0.008455
9mo_SIGAE3_	0.01884964	0.10314131	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.0528093	0.30805704	5.87E-05	0.0065755	0.057248
9mo_SIGAE3_	0.02395062	0.13392113	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02931292	0.16627775	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.0110702	0.05619946	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.05449978	0.31825754	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.0463679	0.26918906	5.54E-05	0.0053171	0.028707
9mo_SIGAE3_	0.08562511	0.50607055	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.07593021	0.4475707	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.11154094	0.66244906	6.61E-05	0.025525	-0.28705
9mo_SIGAE3_	0.02604925	0.14658447	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.01975676	0.10861493	3.40E-05	0.0046667	0.0032259
9mo_SIGAE3_	0.06671277	0.39195183	6.13E-05	0.010826	0.10251
9mo_SIGAE3_	0.02059929	0.11369886	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02478186	0.13893689	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.04090489	0.23622474	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.02691186	0.15178953	3.80E-05	0.0041099	-0.10271
9mo_SIGAE3_	0.0186228	0.10177258	3.36E-05	0.0048202	0.03364
9mo_SIGAE3_	0.1205154	0.7166018	6.66E-05	0.024561	-0.37215
9mo_SIGAE3_	0.01877217	0.10267384	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01772736	0.09636939	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01416636	0.07488195	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.02166612	0.12013625	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.02478329	0.13894553	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.12650082	0.7527184	6.68E-05	0.023879	-0.41707
9mo_SIGAE3_	0.10437322	0.61919844	6.56E-05	0.025367	-0.18901

9mo_SIGAE3_	0.02928584	0.16611433	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.0440984	0.25549468	5.38E-05	0.0050014	0.012967
9mo_SIGAE3_	0.0744963	0.43891838	6.24E-05	0.014051	0.13218
9mo_SIGAE3_	0.02212744	0.12291984	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.07585748	0.44713187	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.02549481	0.14323889	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01487867	0.0791801	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.04098793	0.23672582	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.08380278	0.4950745	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.01113389	0.05658379	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.02151606	0.11923072	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01666386	0.0899521	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.05259359	0.3067554	5.87E-05	0.0065755	0.057248
9mo_SIGAE3_	0.01780821	0.09685721	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.0671353	0.39450145	6.14E-05	0.011039	0.10251
9mo_SIGAE3_	0.0758227	0.44692197	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.05620431	0.32854283	5.97E-05	0.0073934	0.068678
9mo_SIGAE3_	0.02462884	0.13801351	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.0141927	0.07504089	3.25E-05	0.0056405	0.18676
9mo_SIGAE3_	0.08038666	0.47446135	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.03142917	0.17904736	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.08787058	0.51962	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.02135569	0.11826303	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.02452878	0.13740978	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.02099398	0.11608046	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.1021542	0.6058087	6.55E-05	0.025029	-0.15246
9mo_SIGAE3_	0.09053282	0.5356842	6.44E-05	0.021369	0.044278
9mo_SIGAE3_	0.10444854	0.61965287	6.56E-05	0.025367	-0.18901
9mo_SIGAE3_	0.09127972	0.54019105	6.45E-05	0.021822	0.036126
9mo_SIGAE3_	0.01659171	0.08951674	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.0257625	0.14485417	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01872605	0.10239556	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.10714606	0.63592994	6.58E-05	0.025586	-0.23052
9mo_SIGAE3_	0.058597	0.34298056	6.02E-05	0.0081753	0.074438
9mo_SIGAE3_	0.06662478	0.39142093	6.13E-05	0.010826	0.10013
9mo_SIGAE3_	0.04423239	0.2563032	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.0860306	0.5085173	6.39E-05	0.01943	0.099025
9mo_SIGAE3_	0.11103632	0.65940416	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.11295073	0.6709559	6.62E-05	0.025403	-0.29951
9mo_SIGAE3_	0.02477916	0.13892062	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.09312683	0.5513367	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.01486839	0.07911812	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01165417	0.05972318	3.22E-05	0.0061869	0.30353

9mo_SIGAE3_	0.04718528	0.2741212	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.01139413	0.0581541	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.02017617	0.11114574	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.0580909	0.3399267	6.01E-05	0.0080116	0.073002
9mo_SIGAE3_	0.10616764	0.63002616	6.58E-05	0.025526	-0.21453
9mo_SIGAE3_	0.080444	0.47480735	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.0869392	0.51399994	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.04581829	0.26587266	5.50E-05	0.0052335	0.025099
9mo_SIGAE3_	0.00498828	0.0195006	3.18E-05	0.0084677	0.62647
9mo_SIGAE3_	0.00930466	0.04554604	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.0499757	0.29095882	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.030469	0.1732536	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.07504795	0.44224706	6.25E-05	0.014299	0.13345
9mo_SIGAE3_	0.04236098	0.24501094	5.24E-05	0.0047963	-0.0013165
9mo_SIGAE3_	0.0654883	0.3845633	6.12E-05	0.01041	0.095509
9mo_SIGAE3_	0.04383348	0.2538961	5.38E-05	0.0050014	0.008455
9mo_SIGAE3_	0.0431546	0.2497997	5.33E-05	0.0049301	0.0036923
9mo_SIGAE3_	0.05978322	0.35013834	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.03251628	0.18560706	4.27E-05	0.004099	-0.094772
9mo_SIGAE3_	0.09103917	0.5387395	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.05499488	0.32124504	5.94E-05	0.0071062	0.064127
9mo_SIGAE3_	0.01799022	0.09795553	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.05750051	0.3363642	6.00E-05	0.0078516	0.071569
9mo_SIGAE3_	0.03481929	0.19950369	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.09758662	0.5782475	6.51E-05	0.023964	-0.065044
9mo_SIGAE3_	0.0864213	0.5108749	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.02263985	0.12601177	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.01225043	0.06332105	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.01896101	0.10381336	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.07806348	0.46044308	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.01235189	0.06393332	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.03586346	0.20580426	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.12050103	0.7165151	6.66E-05	0.024561	-0.37215
9mo_SIGAE3_	0.05672514	0.3316856	5.98E-05	0.0075425	0.070131
9mo_SIGAE3_	0.01101638	0.05587471	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.00598047	0.02548758	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.07420499	0.43716058	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.01577357	0.08458001	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.13740656	0.8185246	6.73E-05	0.02353	-0.48301
9mo_SIGAE3_	0.0990651	0.58716875	6.53E-05	0.02442	-0.094455
9mo_SIGAE3_	0.02418035	0.1353073	3.61E-05	0.0042401	-0.080664
9mo_SIGAE3_	0.02204892	0.12244611	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.03896406	0.2245136	4.92E-05	0.0044639	-0.040459

9mo_SIGAE3_	0.02176011	0.12070335	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.05407755	0.31570977	5.91E-05	0.0068337	0.062513
9mo_SIGAE3_	0.03051387	0.17352435	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.02376952	0.13282833	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.07989827	0.47151434	6.32E-05	0.016594	0.13545
9mo_SIGAE3_	0.07386911	0.43513384	6.23E-05	0.013805	0.13074
9mo_SIGAE3_	0.11363255	0.67507005	6.62E-05	0.025353	-0.31137
9mo_SIGAE3_	0.02215884	0.12310934	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.08393046	0.49584493	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.09200715	0.54458046	6.46E-05	0.022042	0.027741
9mo_SIGAE3_	0.02479568	0.13902025	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.04696136	0.27277005	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.04550708	0.26399478	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.01602745	0.08611196	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.03624708	0.20811908	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.01609311	0.08650814	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.11290947	0.6707069	6.62E-05	0.025403	-0.29951
9mo_SIGAE3_	0.00896087	0.04347159	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.08681137	0.5132286	6.40E-05	0.019681	0.093363
9mo_SIGAE3_	0.09150909	0.5415751	6.45E-05	0.021822	0.036126
9mo_SIGAE3_	0.04088743	0.23611939	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.07102441	0.41796866	6.20E-05	0.012608	0.11916
9mo_SIGAE3_	0.05276997	0.30781975	5.87E-05	0.0065755	0.057248
9mo_SIGAE3_	0.02271988	0.12649474	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.11653294	0.6925713	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.02821556	0.15965612	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.07828888	0.46180314	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.13289477	0.79130006	6.71E-05	0.023556	-0.45613
9mo_SIGAE3_	0.02342601	0.13075556	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.03598338	0.2065279	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.01119143	0.05693097	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.11139542	0.661571	6.61E-05	0.025525	-0.28058
9mo_SIGAE3_	0.01137121	0.05801577	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.10030958	0.59467804	6.53E-05	0.024687	-0.11403
9mo_SIGAE3_	0.10650818	0.632081	6.58E-05	0.02556	-0.22263
9mo_SIGAE3_	0.11167478	0.6632567	6.61E-05	0.025525	-0.28705
9mo_SIGAE3_	0.02560521	0.14390506	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.08338095	0.49252915	6.36E-05	0.018151	0.12117
9mo_SIGAE3_	0.00866154	0.04166536	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.05054522	0.2943954	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.11021809	0.6544669	6.60E-05	0.02558	-0.26716
9mo_SIGAE3_	0.02106538	0.11651129	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.03004036	0.17066713	4.07E-05	0.0040668	-0.10597

9mo_SIGAE3_	0.01965522	0.10800225	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.04502339	0.26107615	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.10228889	0.6066214	6.55E-05	0.025029	-0.15246
9mo_SIGAE3_	0.07985242	0.4712377	6.32E-05	0.016594	0.13545
9mo_SIGAE3_	0.03324506	0.1900046	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.04152601	0.2399726	5.19E-05	0.0047337	-0.011944
9mo_SIGAE3_	0.0684052	0.40216413	6.16E-05	0.011474	0.10977
9mo_SIGAE3_	0.11056645	0.65656894	6.60E-05	0.02558	-0.27396
9mo_SIGAE3_	0.10758386	0.63857174	6.59E-05	0.025604	-0.23822
9mo_SIGAE3_	0.03038505	0.17274702	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.05080191	0.29594427	5.78E-05	0.0061018	0.051138
9mo_SIGAE3_	0.01882424	0.10298805	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.02645112	0.14900933	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.05009026	0.2916501	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.0926533	0.5484794	6.46E-05	0.022258	0.010343
9mo_SIGAE3_	0.09772475	0.57908094	6.51E-05	0.023964	-0.074831
9mo_SIGAE3_	0.01824159	0.09947228	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02774291	0.1568041	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.08141168	0.48064643	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.01730393	0.09381438	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.07209963	0.42445663	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.02493397	0.13985474	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.1302351	0.77525145	6.70E-05	0.02364	-0.44263
9mo_SIGAE3_	0.01918853	0.10518622	3.38E-05	0.004741	0.017998
9mo_SIGAE3_	0.03362516	0.19229816	4.37E-05	0.0041322	-0.087207
9mo_SIGAE3_	0.04953788	0.288317	5.73E-05	0.0058857	0.04392
9mo_SIGAE3_	0.04853886	0.2822888	5.67E-05	0.0056831	0.041222
9mo_SIGAE3_	0.01663179	0.0897586	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02520705	0.14150253	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.13796116	0.82187116	6.73E-05	0.023534	-0.48567
9mo_SIGAE3_	0.07745726	0.4567851	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.04198354	0.2427334	5.24E-05	0.0047963	-0.00654
9mo_SIGAE3_	0.09112328	0.53924704	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.07047608	0.41465998	6.19E-05	0.012376	0.11689
9mo_SIGAE3_	0.020328	0.11206187	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.09822004	0.5820696	6.52E-05	0.024123	-0.084641
9mo_SIGAE3_	0.14153334	0.84342605	6.74E-05	0.023575	-0.49999
9mo_SIGAE3_	0.01583376	0.08494321	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.03050013	0.17344145	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.0880532	0.5207219	6.42E-05	0.020421	0.080939
9mo_SIGAE3_	0.13340664	0.7943888	6.71E-05	0.023546	-0.45937
9mo_SIGAE3_	0.01123821	0.05721324	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01594665	0.08562438	3.30E-05	0.0051875	0.12392

9mo_SIGAE3_	0.09308482	0.5510832	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.02726364	0.15391214	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.10152522	0.6020133	6.54E-05	0.024923	-0.14299
9mo_SIGAE3_	0.01504673	0.08019424	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.11676672	0.69398195	6.64E-05	0.024986	-0.33868
9mo_SIGAE3_	0.0781403	0.46090662	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.01965438	0.10799717	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.05561731	0.32500082	5.95E-05	0.007248	0.065685
9mo_SIGAE3_	0.02769947	0.15654203	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.0440505	0.25520563	5.38E-05	0.0050014	0.012967
9mo_SIGAE3_	0.12309463	0.7321651	6.67E-05	0.024217	-0.39346
9mo_SIGAE3_	0.05057565	0.294579	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.02639978	0.1486996	3.76E-05	0.0041286	-0.099939
9mo_SIGAE3_	0.06542651	0.38419044	6.12E-05	0.01041	0.095509
9mo_SIGAE3_	0.07695847	0.45377535	6.28E-05	0.015307	0.13605
9mo_SIGAE3_	0.01853034	0.10121461	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.03709643	0.21324417	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.0683467	0.40181112	6.16E-05	0.011474	0.10977
9mo_SIGAE3_	0.04400509	0.2549316	5.38E-05	0.0050014	0.008455
9mo_SIGAE3_	0.01608466	0.08645716	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.07742202	0.45657244	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.06964456	0.4096425	6.17E-05	0.01192	0.11455
9mo_SIGAE3_	0.02436355	0.13641278	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.11287781	0.6705159	6.62E-05	0.025448	-0.29951
9mo_SIGAE3_	0.03284284	0.18757758	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.10145623	0.601597	6.54E-05	0.024923	-0.13341
9mo_SIGAE3_	0.06606109	0.38801953	6.13E-05	0.010616	0.097788
9mo_SIGAE3_	0.0180728	0.09845382	3.34E-05	0.0049043	0.050123
9mo_SIGAE3_	0.03189082	0.181833	4.22E-05	0.0040866	-0.097962
9mo_SIGAE3_	0.01891398	0.10352959	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.0795382	0.46934164	6.31E-05	0.016335	0.13545
9mo_SIGAE3_	0.07616171	0.44896764	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.02429225	0.13598256	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.03851725	0.22181751	4.87E-05	0.0044183	-0.040459
9mo_SIGAE3_	0.09166679	0.54252666	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.1126891	0.6693772	6.62E-05	0.025448	-0.29951
9mo_SIGAE3_	0.11904518	0.70773035	6.65E-05	0.024704	-0.3584
9mo_SIGAE3_	0.02326853	0.12980534	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.13480094	0.8028021	6.72E-05	0.023533	-0.46872
9mo_SIGAE3_	0.0870626	0.5147445	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.07320398	0.4311204	6.23E-05	0.013561	0.12737
9mo_SIGAE3_	0.01062514	0.05351393	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.03515923	0.2015549	4.54E-05	0.0042028	-0.078293

9mo_SIGAE3_	0.03048205	0.17333236	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.11819844	0.7026211	6.65E-05	0.024847	-0.35363
9mo_SIGAE3_	0.12397494	0.737477	6.67E-05	0.024092	-0.39752
9mo_SIGAE3_	0.05156134	0.3005267	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.0086503	0.04159755	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.10919821	0.6483128	6.60E-05	0.025611	-0.25305
9mo_SIGAE3_	0.03061206	0.17411683	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.09073576	0.5369087	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.08966728	0.53046143	6.44E-05	0.021137	0.059815
9mo_SIGAE3_	0.02284654	0.12725896	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.0585472	0.34268007	6.01E-05	0.0080116	0.074438
9mo_SIGAE3_	0.10991658	0.65264755	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.03179236	0.18123889	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.04891747	0.2845734	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.08291622	0.4897249	6.35E-05	0.017892	0.12434
9mo_SIGAE3_	0.01390237	0.07328906	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.07834084	0.4621167	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.11962479	0.7112278	6.65E-05	0.024632	-0.36308
9mo_SIGAE3_	0.01642522	0.08851212	3.30E-05	0.0051875	0.10435
9mo_SIGAE3_	0.1405473	0.8374762	6.74E-05	0.023558	-0.49553
9mo_SIGAE3_	0.0861712	0.5093658	6.39E-05	0.01943	0.099025
9mo_SIGAE3_	0.02947142	0.16723414	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.08705588	0.51470405	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.08154127	0.48142838	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.01363193	0.0716572	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02385113	0.13332076	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01795575	0.09774754	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.00828909	0.03941801	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.01947018	0.10688573	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02042409	0.11264173	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.09119693	0.5396915	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.01500051	0.07991529	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.07568689	0.4461025	6.26E-05	0.014549	0.13453
9mo_SIGAE3_	0.09302755	0.5507376	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.06203335	0.3637158	6.07E-05	0.0092324	0.083692
9mo_SIGAE3_	0.08731408	0.51626205	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.0731322	0.43068728	6.23E-05	0.013561	0.12737
9mo_SIGAE3_	0.01628381	0.08765889	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.02500661	0.14029306	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.02914929	0.16529037	3.97E-05	0.0040686	-0.10661
9mo_SIGAE3_	0.02009378	0.11064856	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.03400249	0.19457503	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.03226864	0.18411283	4.27E-05	0.004099	-0.097962

9mo_SIGAE3_	0.05173887	0.30159798	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.01953982	0.10730593	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02284417	0.12724468	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.07663216	0.45180634	6.27E-05	0.015053	0.13605
9mo_SIGAE3_	0.01317349	0.06889093	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02503265	0.14045015	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.03015134	0.1713368	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.02293078	0.1277673	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.03068756	0.17457241	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.02002744	0.11024828	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.0214564	0.11887072	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01956141	0.10743619	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.12111998	0.7202499	6.66E-05	0.02449	-0.37656
9mo_SIGAE3_	0.0802932	0.4738974	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.02592433	0.14583066	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.03362693	0.19230883	4.37E-05	0.0041322	-0.087207
9mo_SIGAE3_	0.02705569	0.1526574	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.03811351	0.21938129	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.0924264	0.54711026	6.46E-05	0.022258	0.019141
9mo_SIGAE3_	0.09598722	0.56859654	6.50E-05	0.023448	-0.045608
9mo_SIGAE3_	0.01716286	0.09296314	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.03185536	0.18161906	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.01781654	0.09690751	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02993639	0.17003982	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.03066846	0.17445718	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.05023372	0.29251575	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.02381681	0.13311367	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01673991	0.090411	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.05328747	0.31094235	5.89E-05	0.0067028	0.059084
9mo_SIGAE3_	0.09972244	0.5911352	6.53E-05	0.024558	-0.10426
9mo_SIGAE3_	0.01962271	0.10780612	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02800348	0.15837643	3.88E-05	0.0040827	-0.10603
9mo_SIGAE3_	0.01855947	0.10139044	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.0229185	0.1276932	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.1081634	0.64206874	6.59E-05	0.025614	-0.24573
9mo_SIGAE3_	0.06941383	0.40825027	6.17E-05	0.01192	0.11218
9mo_SIGAE3_	0.0134843	0.07076638	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02212282	0.12289199	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.09871993	0.585086	6.52E-05	0.024275	-0.094455
9mo_SIGAE3_	0.02332686	0.13015729	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.12436736	0.7398449	6.67E-05	0.024092	-0.40152
9mo_SIGAE3_	0.10205615	0.605217	6.55E-05	0.025029	-0.15246
9mo_SIGAE3_	0.01959013	0.10760953	3.40E-05	0.0046667	0.017998

9mo_SIGAE3_	0.02860043	0.16197847	3.93E-05	0.004074	-0.10664
9mo_SIGAE3_	0.02986546	0.16961183	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.01413552	0.07469589	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.09312595	0.55133134	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.08437551	0.49853042	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.01646026	0.08872356	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.1218443	0.7246205	6.66E-05	0.02435	-0.38089
9mo_SIGAE3_	0.10669183	0.63318914	6.58E-05	0.02556	-0.22263
9mo_SIGAE3_	0.08207114	0.48462567	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.05577114	0.32592902	5.95E-05	0.007248	0.067199
9mo_SIGAE3_	0.01217258	0.06285133	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.10808503	0.64159584	6.59E-05	0.025614	-0.23822
9mo_SIGAE3_	0.01596196	0.08571679	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.0916621	0.54249835	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.04348848	0.25181437	5.33E-05	0.0049301	0.008455
9mo_SIGAE3_	0.05608333	0.32781282	5.97E-05	0.0073934	0.067199
9mo_SIGAE3_	0.05500377	0.32129866	5.94E-05	0.0071062	0.064127
9mo_SIGAE3_	0.0532608	0.31078145	5.89E-05	0.0067028	0.059084
9mo_SIGAE3_	0.05035251	0.29323256	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.11321449	0.67254746	6.62E-05	0.025403	-0.30551
9mo_SIGAE3_	0.08430558	0.4981085	6.37E-05	0.018667	0.1176
9mo_SIGAE3_	0.08010139	0.47274002	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.1112236	0.66053426	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.08137929	0.48045096	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.12566537	0.7476772	6.68E-05	0.023927	-0.40938
9mo_SIGAE3_	0.12296528	0.7313846	6.67E-05	0.024217	-0.38934
9mo_SIGAE3_	0.13193823	0.78552824	6.71E-05	0.023582	-0.45284
9mo_SIGAE3_	0.09473015	0.56101125	6.49E-05	0.023073	-0.017059
9mo_SIGAE3_	0.05446559	0.31805125	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.02142237	0.11866541	3.47E-05	0.0044724	-0.0356
9mo_SIGAE3_	0.06350967	0.37262407	6.09E-05	0.0096122	0.089169
9mo_SIGAE3_	0.01376863	0.07248205	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.04751745	0.27612552	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.11110996	0.6598485	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.0802979	0.47392574	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.07626987	0.44962022	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.11642151	0.6918989	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.03019344	0.17159085	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.07592151	0.4475182	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.01931094	0.10592485	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.03968215	0.22884664	4.98E-05	0.0045122	-0.028892
9mo_SIGAE3_	0.11263251	0.66903573	6.62E-05	0.025448	-0.29951
9mo_SIGAE3_	0.12107402	0.7199726	6.66E-05	0.02449	-0.37656

9mo_SIGAE3_	0.03062128	0.17417246	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.04621343	0.26825693	5.54E-05	0.0053171	0.025099
9mo_SIGAE3_	0.06002234	0.3515812	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.12756602	0.7591459	6.69E-05	0.023794	-0.4246
9mo_SIGAE3_	0.01873797	0.10246751	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.11778962	0.7001542	6.64E-05	0.024917	-0.34876
9mo_SIGAE3_	0.08209758	0.48478517	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.01643142	0.08854955	3.30E-05	0.0051875	0.10435
9mo_SIGAE3_	0.01655478	0.08929395	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.01584578	0.08501577	3.28E-05	0.0052924	0.12392
9mo_SIGAE3_	0.02312413	0.128934	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.07431063	0.43779802	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.09011304	0.53315115	6.44E-05	0.021137	0.05218
9mo_SIGAE3_	0.06107344	0.3579236	6.06E-05	0.008866	0.080421
9mo_SIGAE3_	0.03187109	0.18171395	4.22E-05	0.0040866	-0.097962
9mo_SIGAE3_	0.04722866	0.27438295	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.02519748	0.14144476	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.05318589	0.3103294	5.89E-05	0.0067028	0.059084
9mo_SIGAE3_	0.02396202	0.13398987	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.027898	0.15773998	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.03273651	0.18693599	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.02067404	0.11414989	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.06909379	0.40631914	6.16E-05	0.011695	0.11218
9mo_SIGAE3_	0.04547534	0.26380327	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.08973054	0.53084314	6.44E-05	0.021137	0.059815
9mo_SIGAE3_	0.02117028	0.11714426	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.10272916	0.609278	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.09560888	0.5663136	6.49E-05	0.023263	-0.035993
9mo_SIGAE3_	0.05131785	0.29905745	5.81E-05	0.006215	0.053285
9mo_SIGAE3_	0.02812198	0.1590915	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.13366789	0.79596514	6.71E-05	0.023546	-0.46255
9mo_SIGAE3_	0.02718667	0.15344773	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.01760886	0.09565431	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.11450224	0.6803179	6.63E-05	0.025299	-0.3171
9mo_SIGAE3_	0.05801671	0.339479	6.01E-05	0.0080116	0.073002
9mo_SIGAE3_	0.04902354	0.28521338	5.70E-05	0.0057827	0.04392
9mo_SIGAE3_	0.09398182	0.5564957	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.02045052	0.11280119	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.13546969	0.8068374	6.72E-05	0.023529	-0.47171
9mo_SIGAE3_	0.12864438	0.76565284	6.69E-05	0.023723	-0.43195
9mo_SIGAE3_	0.12332172	0.7335354	6.67E-05	0.024217	-0.39346
9mo_SIGAE3_	0.02329418	0.1299601	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02417897	0.13529898	3.61E-05	0.0042401	-0.080664

9mo_SIGAE3_	0.0172659	0.09358486	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.01170514	0.06003077	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.1070592	0.6354059	6.58E-05	0.025586	-0.23052
9mo_SIGAE3_	0.01297516	0.0676942	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.0780147	0.46014872	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.01797804	0.09788198	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.03763303	0.21648203	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.01145816	0.05854048	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.00940025	0.04612282	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.02114659	0.11700135	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01656512	0.0893563	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.03180429	0.18131086	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.025477	0.14313145	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.02326554	0.12978731	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.0849274	0.5018606	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.05166919	0.3011775	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.00807425	0.03812161	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.01105337	0.05609794	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.04548297	0.2638493	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.11041606	0.65566146	6.60E-05	0.02558	-0.27396
9mo_SIGAE3_	0.01578154	0.08462811	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.04692476	0.27254915	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.02399561	0.13419259	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.0994193	0.58930606	6.53E-05	0.02442	-0.10426
9mo_SIGAE3_	0.00959644	0.04730666	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.10262308	0.6086379	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.05950169	0.34843954	6.03E-05	0.0083426	0.077363
9mo_SIGAE3_	0.0168854	0.09128892	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02597762	0.14615221	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.08899841	0.5264254	6.42E-05	0.020663	0.067165
9mo_SIGAE3_	0.01694374	0.09164092	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02362657	0.13196577	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.1052147	0.624276	6.57E-05	0.025482	-0.19772
9mo_SIGAE3_	0.09481698	0.5615352	6.49E-05	0.023073	-0.017059
9mo_SIGAE3_	0.02705016	0.15262404	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.05730183	0.33516535	5.99E-05	0.0076952	0.071569
9mo_SIGAE3_	0.05066106	0.29509437	5.78E-05	0.0061018	0.051138
9mo_SIGAE3_	0.03141751	0.17897703	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.04460269	0.2585376	5.42E-05	0.0050757	0.017239
9mo_SIGAE3_	0.01633088	0.08794288	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.07276407	0.42846593	6.22E-05	0.01332	0.12737
9mo_SIGAE3_	0.03625966	0.20819499	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.10124899	0.60034657	6.54E-05	0.024923	-0.13341

9mo_SIGAE3_	0.09383862	0.55563164	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.05198836	0.30310342	5.85E-05	0.0064518	0.055318
9mo_SIGAE3_	0.10328262	0.6126176	6.56E-05	0.025216	-0.17104
9mo_SIGAE3_	0.02255263	0.12548548	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.11148806	0.66213	6.61E-05	0.025525	-0.28705
9mo_SIGAE3_	0.03991921	0.23027708	5.03E-05	0.0045634	-0.028892
9mo_SIGAE3_	0.03203874	0.18272558	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.03000317	0.17044277	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.03657083	0.21007264	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.0355148	0.20370045	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.09261541	0.54825073	6.46E-05	0.022258	0.019141
9mo_SIGAE3_	0.0282348	0.15977226	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.11215787	0.6661717	6.61E-05	0.025489	-0.29336
9mo_SIGAE3_	0.10558186	0.6264914	6.57E-05	0.025482	-0.20623
9mo_SIGAE3_	0.0199396	0.10971823	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.01958944	0.10760537	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.0878455	0.51946867	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.06779113	0.39845875	6.15E-05	0.011255	0.10734
9mo_SIGAE3_	0.02264229	0.1260265	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.00491325	0.01904788	3.18E-05	0.0084677	0.62647
9mo_SIGAE3_	0.09555998	0.5660185	6.49E-05	0.023263	-0.035993
9mo_SIGAE3_	0.0331276	0.18929587	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.13931514	0.8300412	6.73E-05	0.023544	-0.49075
9mo_SIGAE3_	0.02804913	0.15865187	3.88E-05	0.0040827	-0.10603
9mo_SIGAE3_	0.03447215	0.19740899	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.0296368	0.16823202	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.04698224	0.27289605	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.02560285	0.14389081	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.07208957	0.42439592	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.04453902	0.25815344	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.02034908	0.1121891	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.11662968	0.693155	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.05153312	0.30035645	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.10040216	0.5952367	6.53E-05	0.024687	-0.12375
9mo_SIGAE3_	0.07408876	0.43645924	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.08435562	0.4984104	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.02013883	0.11092041	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02902336	0.16453047	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.08584471	0.5073957	6.39E-05	0.01943	0.1043
9mo_SIGAE3_	0.03478401	0.19929078	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.11156791	0.6626119	6.61E-05	0.025525	-0.28705
9mo_SIGAE3_	0.04586463	0.2661523	5.54E-05	0.0053171	0.025099
9mo_SIGAE3_	0.02147021	0.1189541	3.49E-05	0.0044169	-0.0356

9mo_SIGAE3_	0.09243851	0.5471833	6.46E-05	0.022258	0.019141
9mo_SIGAE3_	0.08771488	0.51868045	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.03696932	0.21247712	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.05108744	0.29766718	5.81E-05	0.006215	0.051138
9mo_SIGAE3_	0.02713844	0.15315673	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.04681614	0.27189377	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.03503256	0.20079054	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.10559721	0.62658405	6.57E-05	0.025482	-0.20623
9mo_SIGAE3_	0.07642469	0.45055446	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.02879185	0.16313353	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.02225089	0.12366479	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.01522589	0.08127526	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.04415232	0.25582	5.38E-05	0.0050014	0.012967
9mo_SIGAE3_	0.04432234	0.25684595	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.03826889	0.2203189	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.05301317	0.30928722	5.87E-05	0.0065755	0.059084
9mo_SIGAE3_	0.07807481	0.46051142	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.08545347	0.5050349	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.0398287	0.22973093	5.03E-05	0.0045634	-0.028892
9mo_SIGAE3_	0.04943458	0.2876937	5.73E-05	0.0058857	0.04392
9mo_SIGAE3_	0.07636353	0.4501854	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.05415843	0.31619784	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.11085381	0.6583029	6.61E-05	0.025556	-0.27396
9mo_SIGAE3_	0.0694906	0.40871355	6.17E-05	0.01192	0.11455
9mo_SIGAE3_	0.05473543	0.3196795	5.94E-05	0.0071062	0.064127
9mo_SIGAE3_	0.02566329	0.1442555	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.10048121	0.5957137	6.53E-05	0.024687	-0.12375
9mo_SIGAE3_	0.03022679	0.17179208	4.07E-05	0.0040668	-0.10475
9mo_SIGAE3_	0.02254489	0.12543876	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.05156141	0.3005272	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.06462538	0.37935638	6.10E-05	0.010005	0.093303
9mo_SIGAE3_	0.08068208	0.47624397	6.32E-05	0.016854	0.13314
9mo_SIGAE3_	0.02930031	0.16620162	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.05435377	0.31737655	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.01857106	0.10146035	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.03091245	0.17592943	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.01608951	0.08648646	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.00640335	0.02803927	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.1275913	0.75929844	6.69E-05	0.023794	-0.4246
9mo_SIGAE3_	0.02634159	0.14834844	3.76E-05	0.0041286	-0.099939
9mo_SIGAE3_	0.06990323	0.41120338	6.18E-05	0.012147	0.11455
9mo_SIGAE3_	0.07972682	0.4704798	6.32E-05	0.016594	0.13545
9mo_SIGAE3_	0.01907421	0.1044964	3.38E-05	0.004741	0.03364

9mo_SIGAE3_	0.08147534	0.48103055	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.02151346	0.11921507	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.02826135	0.15993243	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.0192309	0.1054419	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01060336	0.05338249	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.02859076	0.16192016	3.93E-05	0.004074	-0.10664
9mo_SIGAE3_	0.0228111	0.12704514	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.01925728	0.10560107	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.07813892	0.46089825	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.02766576	0.15633859	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.07112271	0.4185618	6.20E-05	0.012608	0.12136
9mo_SIGAE3_	0.01709912	0.0925785	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.0378229	0.21762775	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.03064968	0.17434387	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.02820334	0.15958244	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.1212891	0.72127044	6.66E-05	0.024419	-0.37656
9mo_SIGAE3_	0.0259109	0.1457496	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.07527429	0.44361284	6.26E-05	0.014549	0.13345
9mo_SIGAE3_	0.09317066	0.5516011	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.03043129	0.17302606	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.0904332	0.53508306	6.44E-05	0.021369	0.044278
9mo_SIGAE3_	0.07497715	0.44181985	6.25E-05	0.014299	0.13345
9mo_SIGAE3_	0.03530176	0.20241491	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.08149479	0.4811479	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.03055342	0.17376299	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.07758047	0.45752856	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.11665908	0.69333243	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.07646748	0.45081264	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.06914088	0.40660328	6.17E-05	0.01192	0.11218
9mo_SIGAE3_	0.04833445	0.28105536	5.67E-05	0.0056831	0.038361
9mo_SIGAE3_	0.03557791	0.20408127	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.03535907	0.20276076	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.12258422	0.7290853	6.67E-05	0.024282	-0.38934
9mo_SIGAE3_	0.13588564	0.8093473	6.72E-05	0.023527	-0.47464
9mo_SIGAE3_	0.02290715	0.12762474	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.15815546	0.9437254	6.78E-05	0.023701	-0.52688
9mo_SIGAE3_	0.01679678	0.09075416	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.01592534	0.08549581	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.07035575	0.41393393	6.19E-05	0.012376	0.11689
9mo_SIGAE3_	0.02879539	0.16315487	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.07236863	0.4260798	6.21E-05	0.01308	0.12548
9mo_SIGAE3_	0.08220801	0.48545152	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.02931189	0.16627148	4.02E-05	0.0040662	-0.10661

9mo_SIGAE3_	0.09506663	0.5630416	6.49E-05	0.023073	-0.026471
9mo_SIGAE3_	0.02021184	0.11136094	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.08782934	0.5193711	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.02680543	0.1511473	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.0229261	0.12773909	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.02370665	0.13244894	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01024514	0.05122099	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.08432203	0.49820772	6.37E-05	0.018667	0.1176
9mo_SIGAE3_	0.0772789	0.45570883	6.28E-05	0.015307	0.13646
9mo_SIGAE3_	0.04166206	0.24079357	5.19E-05	0.0047337	-0.011944
9mo_SIGAE3_	0.09382088	0.55552465	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.08465148	0.5001956	6.38E-05	0.018923	0.1136
9mo_SIGAE3_	0.02682748	0.15128033	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.02344885	0.1308934	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.08172178	0.4825176	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.05299854	0.30919895	5.87E-05	0.0065755	0.059084
9mo_SIGAE3_	0.01196343	0.0615893	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02534967	0.1423631	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.02206616	0.12255006	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.10641426	0.63151425	6.58E-05	0.02556	-0.21453
9mo_SIGAE3_	0.04837695	0.2813118	5.67E-05	0.0056831	0.038361
9mo_SIGAE3_	0.08267402	0.4882635	6.35E-05	0.017892	0.1271
9mo_SIGAE3_	0.1345275	0.80115217	6.72E-05	0.023533	-0.46567
9mo_SIGAE3_	0.07606138	0.44836217	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.12760055	0.7593543	6.69E-05	0.023794	-0.4246
9mo_SIGAE3_	0.03174627	0.18096077	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.02403465	0.13442813	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.05207659	0.3036358	5.85E-05	0.0064518	0.055318
9mo_SIGAE3_	0.02066507	0.11409576	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.08002441	0.47227553	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.05828638	0.34110624	6.01E-05	0.0080116	0.073002
9mo_SIGAE3_	0.0678778	0.39898172	6.15E-05	0.011255	0.10734
9mo_SIGAE3_	0.03250412	0.18553372	4.27E-05	0.004099	-0.094772
9mo_SIGAE3_	0.01065905	0.05371855	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.1369513	0.81577754	6.73E-05	0.023528	-0.48029
9mo_SIGAE3_	0.09450196	0.5596343	6.48E-05	0.022877	-0.017059
9mo_SIGAE3_	0.02196539	0.12194206	3.49E-05	0.0044169	-0.046619
9mo_SIGAE3_	0.02740999	0.15479529	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.04990896	0.2905561	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.03190411	0.1819132	4.22E-05	0.0040866	-0.097962
9mo_SIGAE3_	0.03306965	0.18894617	4.32E-05	0.0041142	-0.091175
9mo_SIGAE3_	0.01509559	0.08048905	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.05296825	0.30901617	5.87E-05	0.0065755	0.059084

9mo_SIGAE3_	0.08208173	0.48468953	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.08261372	0.48789963	6.35E-05	0.017892	0.1271
9mo_SIGAE3_	0.02196369	0.12193179	3.49E-05	0.0044169	-0.046619
9mo_SIGAE3_	0.05907662	0.3458746	6.02E-05	0.0081753	0.075889
9mo_SIGAE3_	0.12209663	0.7261431	6.66E-05	0.02435	-0.38515
9mo_SIGAE3_	0.01128702	0.05750776	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.04981992	0.2900189	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.08732127	0.5163054	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.03209334	0.18305503	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.02022935	0.11146663	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.11997873	0.71336347	6.65E-05	0.024632	-0.36766
9mo_SIGAE3_	0.01853586	0.10124795	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.03694597	0.21233623	4.70E-05	0.0042982	-0.057524
9mo_SIGAE3_	0.11827412	0.70307773	6.65E-05	0.024847	-0.35363
9mo_SIGAE3_	0.04542339	0.26348978	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.11592646	0.68891174	6.63E-05	0.025119	-0.33347
9mo_SIGAE3_	0.05920186	0.34663036	6.03E-05	0.0083426	0.075889
9mo_SIGAE3_	0.02270433	0.12640089	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.07088623	0.41713485	6.20E-05	0.012608	0.11916
9mo_SIGAE3_	0.02371883	0.13252245	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.03485176	0.19969963	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.05238703	0.305509	5.85E-05	0.0064518	0.057248
9mo_SIGAE3_	0.08239912	0.48660472	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.0502321	0.29250598	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.09012055	0.5331965	6.44E-05	0.021137	0.05218
9mo_SIGAE3_	0.0357027	0.20483425	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.0734859	0.4328215	6.23E-05	0.013561	0.12913
9mo_SIGAE3_	0.11506305	0.6837018	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.02267551	0.12622696	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.07981818	0.4710311	6.32E-05	0.016594	0.13545
9mo_SIGAE3_	0.01265995	0.06579216	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.1019844	0.6047841	6.55E-05	0.025029	-0.14299
9mo_SIGAE3_	0.06655274	0.39098623	6.13E-05	0.010826	0.10013
9mo_SIGAE3_	0.10146701	0.60166204	6.54E-05	0.024923	-0.13341
9mo_SIGAE3_	0.11022785	0.6545258	6.60E-05	0.02558	-0.26716
9mo_SIGAE3_	0.09390166	0.5560121	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.09405694	0.5569491	6.48E-05	0.022877	-0.0077738
9mo_SIGAE3_	0.03137177	0.17870101	4.16E-05	0.0040771	-0.10071
9mo_SIGAE3_	0.07409556	0.43650025	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.12045866	0.7162594	6.66E-05	0.024561	-0.37215
9mo_SIGAE3_	0.09428056	0.5582984	6.48E-05	0.022877	-0.0077738
9mo_SIGAE3_	0.14052	0.83731145	6.74E-05	0.023558	-0.49553
9mo_SIGAE3_	0.00878099	0.04238613	3.19E-05	0.0070136	0.43237

9mo_SIGAE3_	0.01813765	0.09884509	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.12834369	0.7638384	6.69E-05	0.023757	-0.4283
9mo_SIGAE3_	0.04525007	0.262444	5.46E-05	0.0051531	0.021279
9mo_SIGAE3_	0.0472621	0.2745847	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.10863058	0.6448877	6.59E-05	0.025616	-0.24573
9mo_SIGAE3_	0.05163712	0.300984	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.08262989	0.4879972	6.35E-05	0.017892	0.1271
9mo_SIGAE3_	0.07696503	0.45381495	6.28E-05	0.015307	0.13605
9mo_SIGAE3_	0.05205429	0.30350128	5.85E-05	0.0064518	0.055318
9mo_SIGAE3_	0.01560184	0.08354379	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.00530861	0.0214335	3.18E-05	0.0084677	0.62647
9mo_SIGAE3_	0.03770128	0.21689385	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.02444647	0.13691314	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.09353866	0.55382174	6.48E-05	0.022676	0.0013661
9mo_SIGAE3_	0.02611785	0.14699836	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.01621346	0.08723437	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.04621677	0.2682771	5.54E-05	0.0053171	0.025099
9mo_SIGAE3_	0.01098671	0.05569567	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.09009577	0.533047	6.44E-05	0.021137	0.05218
9mo_SIGAE3_	0.02254916	0.12546457	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.01815243	0.09893428	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.03527544	0.20225613	4.54E-05	0.0042028	-0.073417
9mo_SIGAE3_	0.090257	0.5340199	6.44E-05	0.021369	0.05218
9mo_SIGAE3_	0.09145659	0.54125834	6.45E-05	0.021822	0.036126
9mo_SIGAE3_	0.10010782	0.5934606	6.53E-05	0.024558	-0.11403
9mo_SIGAE3_	0.09000926	0.53252494	6.44E-05	0.021137	0.05218
9mo_SIGAE3_	0.0184769	0.10089218	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.0463087	0.26883185	5.54E-05	0.0053171	0.028707
9mo_SIGAE3_	0.08034841	0.47423056	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.08753783	0.51761216	6.41E-05	0.020177	0.087329
9mo_SIGAE3_	0.07564476	0.4458483	6.26E-05	0.014549	0.13453
9mo_SIGAE3_	0.08557019	0.5057392	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.05726393	0.33493668	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.04698185	0.2728937	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.02093083	0.1156994	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.06197031	0.3633354	6.07E-05	0.0092324	0.083692
9mo_SIGAE3_	0.11996322	0.71326995	6.65E-05	0.024632	-0.36766
9mo_SIGAE3_	0.1003962	0.5952007	6.53E-05	0.024687	-0.12375
9mo_SIGAE3_	0.08685929	0.51351774	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.01755847	0.0953503	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.0151333	0.08071661	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.1014245	0.60140556	6.54E-05	0.024923	-0.13341
9mo_SIGAE3_	0.02526681	0.14186314	3.68E-05	0.0041768	-0.092011

9mo_SIGAE3_	0.12327183	0.7332344	6.67E-05	0.024217	-0.39346
9mo_SIGAE3_	0.02333819	0.13022564	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.06158523	0.3610118	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.13267314	0.78996277	6.71E-05	0.023568	-0.45613
9mo_SIGAE3_	0.02295539	0.12791581	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.10101157	0.59891397	6.54E-05	0.024809	-0.13341
9mo_SIGAE3_	0.04243352	0.2454486	5.24E-05	0.0047963	-0.0013165
9mo_SIGAE3_	0.01363595	0.07168143	3.24E-05	0.0057681	0.20898
9mo_SIGAE3_	0.00838564	0.04000061	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.01832604	0.0999819	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02854187	0.16162515	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.03149628	0.17945231	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.11122023	0.6605139	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.02469308	0.13840117	3.64E-05	0.0042065	-0.086782
9mo_SIGAE3_	0.0301202	0.17114894	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.01489568	0.07928278	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.08178727	0.48291278	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.01747652	0.09485581	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.01077988	0.05444763	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.0091417	0.04456272	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.09696814	0.57451546	6.51E-05	0.023799	-0.055297
9mo_SIGAE3_	0.0207083	0.11435665	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.1390594	0.828498	6.73E-05	0.023544	-0.49075
9mo_SIGAE3_	0.03270294	0.18673342	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.02345007	0.13090077	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.10926885	0.6487391	6.60E-05	0.025611	-0.2602
9mo_SIGAE3_	0.01490244	0.07932355	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.1311954	0.7810459	6.70E-05	0.023599	-0.44608
9mo_SIGAE3_	0.05659362	0.33089197	5.98E-05	0.0075425	0.068678
9mo_SIGAE3_	0.07825188	0.46157992	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.01352848	0.07103294	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.07849458	0.46304435	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.13025768	0.77538764	6.70E-05	0.02364	-0.44263
9mo_SIGAE3_	0.02255474	0.12549822	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.07675228	0.4525312	6.27E-05	0.015053	0.13605
9mo_SIGAE3_	0.01124078	0.05722878	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01267895	0.06590682	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01594103	0.08559049	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.02763566	0.15615699	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.03531665	0.20250477	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.08010326	0.47275126	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.08196166	0.48396504	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.02308675	0.12870847	3.55E-05	0.0043197	-0.065623

9mo_SIGAE3_	0.03495469	0.2003207	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.08828175	0.52210104	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.08401839	0.49637556	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.02511088	0.14092225	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.00616552	0.02660419	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.06255259	0.36684898	6.08E-05	0.0094206	0.085432
9mo_SIGAE3_	0.08449387	0.49924463	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.08728349	0.51607746	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.02269156	0.1263238	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.02427824	0.135898	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.02603186	0.14647949	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.02808434	0.15886438	3.88E-05	0.0040827	-0.10603
9mo_SIGAE3_	0.11191534	0.6647083	6.61E-05	0.025489	-0.28705
9mo_SIGAE3_	0.03518909	0.20173505	4.54E-05	0.0042028	-0.073417
9mo_SIGAE3_	0.02581038	0.14514306	3.72E-05	0.0041509	-0.096385
9mo_SIGAE3_	0.01811114	0.09868515	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.0177973	0.09679137	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.07108077	0.41830873	6.20E-05	0.012608	0.11916
9mo_SIGAE3_	0.05325786	0.31076372	5.89E-05	0.0067028	0.059084
9mo_SIGAE3_	0.0306939	0.17461069	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.1321696	0.78692436	6.71E-05	0.023582	-0.45284
9mo_SIGAE3_	0.04007033	0.23118892	5.03E-05	0.0045634	-0.028892
9mo_SIGAE3_	0.02095924	0.11587086	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.09176473	0.54311764	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.02132619	0.11808505	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.09994765	0.59249413	6.53E-05	0.024558	-0.11403
9mo_SIGAE3_	0.12206276	0.72593874	6.66E-05	0.02435	-0.38515
9mo_SIGAE3_	0.06320261	0.3707712	6.09E-05	0.0096122	0.087254
9mo_SIGAE3_	0.08795798	0.5201473	6.42E-05	0.020421	0.080939
9mo_SIGAE3_	0.12356915	0.73502845	6.67E-05	0.024153	-0.39752
9mo_SIGAE3_	0.07071253	0.41608676	6.19E-05	0.012376	0.11916
9mo_SIGAE3_	0.02345455	0.13092774	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.12031199	0.7153744	6.66E-05	0.024561	-0.37215
9mo_SIGAE3_	0.02828043	0.1600476	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.02357948	0.1316816	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.01971637	0.10837126	3.40E-05	0.0046667	0.0032259
9mo_SIGAE3_	0.04710546	0.27363953	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.04656495	0.27037808	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.06829216	0.40148205	6.16E-05	0.011474	0.10734
9mo_SIGAE3_	0.01833401	0.10002998	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.08172503	0.4825372	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.11373685	0.6756995	6.62E-05	0.025353	-0.31137
9mo_SIGAE3_	0.02904812	0.16467991	3.97E-05	0.0040686	-0.10664

9mo_SIGAE3_	0.05632709	0.32928368	5.97E-05	0.0073934	0.068678
9mo_SIGAE3_	0.04430209	0.25672373	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.08600199	0.50834477	6.39E-05	0.01943	0.099025
9mo_SIGAE3_	0.02074388	0.11457133	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02886427	0.16357052	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.02869496	0.16254888	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.01498887	0.07984511	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.06928315	0.40746176	6.17E-05	0.01192	0.11218
9mo_SIGAE3_	0.02793305	0.15795146	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.09626336	0.5702628	6.50E-05	0.023626	-0.045608
9mo_SIGAE3_	0.0982018	0.5819595	6.52E-05	0.024123	-0.084641
9mo_SIGAE3_	0.09166552	0.54251903	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.02592246	0.14581937	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.05800151	0.3393873	6.00E-05	0.0078516	0.073002
9mo_SIGAE3_	0.06076456	0.3560598	6.05E-05	0.008688	0.080421
9mo_SIGAE3_	0.02101811	0.11622606	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01212383	0.06255717	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.03381979	0.19347258	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.12792692	0.7613236	6.69E-05	0.023757	-0.4246
9mo_SIGAE3_	0.06358542	0.37308112	6.10E-05	0.0098069	0.089169
9mo_SIGAE3_	0.0651883	0.382753	6.11E-05	0.010206	0.095509
9mo_SIGAE3_	0.08995341	0.53218794	6.44E-05	0.021137	0.05218
9mo_SIGAE3_	0.01721806	0.09329624	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.08530995	0.50416887	6.39E-05	0.019177	0.10916
9mo_SIGAE3_	0.02920072	0.16560067	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.12048166	0.71639824	6.66E-05	0.024561	-0.37215
9mo_SIGAE3_	0.16158883	0.9644427	6.79E-05	0.02368	-0.52556
9mo_SIGAE3_	0.01392418	0.07342067	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.10529555	0.62476385	6.57E-05	0.025482	-0.19772
9mo_SIGAE3_	0.01719794	0.09317479	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02263098	0.12595828	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.05367302	0.3132688	5.91E-05	0.0068337	0.060836
9mo_SIGAE3_	0.02382629	0.13317087	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.0307437	0.17491119	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.11221541	0.6665189	6.61E-05	0.025489	-0.29336
9mo_SIGAE3_	0.11262856	0.6690119	6.62E-05	0.025448	-0.29951
9mo_SIGAE3_	0.04784925	0.2781276	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.01117605	0.05683814	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01866841	0.10204774	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.05095183	0.2968489	5.81E-05	0.006215	0.051138
9mo_SIGAE3_	0.0216234	0.11987846	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01523608	0.08133677	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.03299527	0.18849733	4.32E-05	0.0041142	-0.091175

9mo_SIGAE3_	0.08198652	0.48411506	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.0680249	0.39986932	6.16E-05	0.011474	0.10734
9mo_SIGAE3_	0.0137296	0.07224653	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.02575773	0.14482538	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.02250357	0.12518948	3.52E-05	0.0043661	-0.056631
9mo_SIGAE3_	0.02118596	0.11723888	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.02567434	0.1443222	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.12840392	0.7642019	6.69E-05	0.023757	-0.4283
9mo_SIGAE3_	0.01933165	0.10604981	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.11052717	0.6563319	6.60E-05	0.02558	-0.27396
9mo_SIGAE3_	0.01784053	0.09705225	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01791117	0.09747852	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.11905	0.70775944	6.65E-05	0.024704	-0.3584
9mo_SIGAE3_	0.08048032	0.47502652	6.32E-05	0.016854	0.13314
9mo_SIGAE3_	0.02938739	0.16672705	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01851073	0.10109631	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02254676	0.12545012	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.02392034	0.13373841	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01907193	0.10448262	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.11479107	0.6820607	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.076365	0.4501943	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.03676441	0.21124068	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.07997165	0.47195715	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.04506793	0.2613449	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.09937187	0.58901983	6.53E-05	0.02442	-0.10426
9mo_SIGAE3_	0.0138673	0.0730774	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.04889664	0.2844477	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.13601106	0.8101041	6.72E-05	0.023527	-0.47464
9mo_SIGAE3_	0.02447763	0.13710114	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.01316544	0.06884233	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01878656	0.1027607	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.07632244	0.44993746	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.01993093	0.10966592	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.11436004	0.6794598	6.63E-05	0.025299	-0.3171
9mo_SIGAE3_	0.03664186	0.2105012	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.07480758	0.44079664	6.25E-05	0.014299	0.13218
9mo_SIGAE3_	0.05415753	0.3161924	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.02762591	0.15609816	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.02226846	0.1237708	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.09261038	0.5482204	6.46E-05	0.022258	0.019141
9mo_SIGAE3_	0.01932899	0.10603374	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01868142	0.10212629	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01230709	0.06366298	3.23E-05	0.0060411	0.2791

9mo_SIGAE3_	0.01304717	0.06812866	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.02725575	0.15386458	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.04995523	0.2908353	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.03562964	0.2043934	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.04714519	0.27387926	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.01505123	0.08022134	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.11542066	0.6858597	6.63E-05	0.025182	-0.32814
9mo_SIGAE3_	0.04862024	0.2827799	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.01927097	0.10568366	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.03905723	0.22507581	4.92E-05	0.0044639	-0.034672
9mo_SIGAE3_	0.01583128	0.08492826	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02676631	0.15091124	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.01890181	0.10345615	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.03811049	0.21936308	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.0725847	0.42738357	6.22E-05	0.01332	0.12548
9mo_SIGAE3_	0.02030814	0.11194208	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.07594902	0.44768423	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.01484907	0.07900151	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.11063729	0.65699637	6.60E-05	0.02558	-0.27396
9mo_SIGAE3_	0.09239894	0.54694456	6.46E-05	0.022258	0.019141
9mo_SIGAE3_	0.01757318	0.09543906	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.06902859	0.4059257	6.16E-05	0.011695	0.11218
9mo_SIGAE3_	0.06354109	0.37281367	6.09E-05	0.0096122	0.089169
9mo_SIGAE3_	0.02265555	0.12610655	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.0296914	0.16856152	4.02E-05	0.0040662	-0.10597
9mo_SIGAE3_	0.00698784	0.03156615	3.18E-05	0.0078	0.54183
9mo_SIGAE3_	0.10282645	0.60986507	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.03084339	0.17551273	4.11E-05	0.0040705	-0.10299
9mo_SIGAE3_	0.08087609	0.4774146	6.33E-05	0.017113	0.13314
9mo_SIGAE3_	0.0790028	0.466111	6.30E-05	0.016077	0.13613
9mo_SIGAE3_	0.01852674	0.10119288	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02859582	0.16195068	3.93E-05	0.004074	-0.10664
9mo_SIGAE3_	0.01938441	0.1063682	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.12403178	0.73781997	6.67E-05	0.024092	-0.39752
9mo_SIGAE3_	0.0186865	0.1021569	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.1137194	0.67559415	6.62E-05	0.025353	-0.31137
9mo_SIGAE3_	0.02762561	0.15609632	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.09766135	0.5786984	6.51E-05	0.023964	-0.074831
9mo_SIGAE3_	0.09099341	0.5384634	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.0106717	0.05379489	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.0822829	0.48590344	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.03634669	0.20872012	4.65E-05	0.0042637	-0.062998
9mo_SIGAE3_	0.08410011	0.49686867	6.37E-05	0.018667	0.1176

9mo_SIGAE3_	0.02362675	0.13196687	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.01944629	0.10674153	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.05048261	0.29401758	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.01938183	0.10635258	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01950119	0.10707282	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01534504	0.08199421	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02922715	0.16576016	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.02384656	0.13329323	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.0202207	0.11141441	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02126236	0.11769989	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.05588521	0.32661736	5.97E-05	0.0073934	0.067199
9mo_SIGAE3_	0.08037408	0.4743854	6.32E-05	0.016854	0.13446
9mo_SIGAE3_	0.0387025	0.22293532	4.92E-05	0.0044639	-0.040459
9mo_SIGAE3_	0.12091287	0.7190002	6.66E-05	0.02449	-0.37656
9mo_SIGAE3_	0.04663136	0.27077878	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.03546391	0.20339336	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.01894406	0.10371105	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.02101058	0.11618064	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.02057528	0.11355396	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.07128654	0.41955036	6.20E-05	0.012608	0.12136
9mo_SIGAE3_	0.06157788	0.36096746	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.04902573	0.2852266	5.70E-05	0.0057827	0.04392
9mo_SIGAE3_	0.02402303	0.13435802	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.14320816	0.853532	6.75E-05	0.023603	-0.50606
9mo_SIGAE3_	0.05709431	0.33391318	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.02206225	0.12252651	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.02232577	0.12411661	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.12131137	0.7214048	6.66E-05	0.024419	-0.37656
9mo_SIGAE3_	0.10860905	0.6447578	6.59E-05	0.025616	-0.24573
9mo_SIGAE3_	0.07796318	0.45983785	6.29E-05	0.015562	0.13662
9mo_SIGAE3_	0.06996059	0.41154948	6.18E-05	0.012147	0.11455
9mo_SIGAE3_	0.02159288	0.11969428	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01672678	0.09033182	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.05788876	0.33870697	6.00E-05	0.0078516	0.073002
9mo_SIGAE3_	0.11016563	0.65415037	6.60E-05	0.02558	-0.26716
9mo_SIGAE3_	0.01480266	0.07872146	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.0214476	0.11881763	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.06618595	0.38877296	6.13E-05	0.010616	0.10013
9mo_SIGAE3_	0.03789435	0.21805884	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.13289794	0.79131925	6.71E-05	0.023556	-0.45613
9mo_SIGAE3_	0.02959147	0.16795848	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01168525	0.05991075	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.07883289	0.46508574	6.30E-05	0.016077	0.13613

9mo_SIGAE3_	0.11992004	0.71300936	6.65E-05	0.024632	-0.36766
9mo_SIGAE3_	0.02370556	0.13244236	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02911902	0.16510773	3.97E-05	0.0040686	-0.10661
9mo_SIGAE3_	0.03140519	0.17890269	4.16E-05	0.0040771	-0.10071
9mo_SIGAE3_	0.01804468	0.0982841	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02680909	0.1511694	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.02511998	0.14097711	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.12469607	0.7418284	6.68E-05	0.024034	-0.40548
9mo_SIGAE3_	0.08010747	0.4727767	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.02073586	0.11452295	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.0536182	0.312938	5.91E-05	0.0068337	0.060836
9mo_SIGAE3_	0.03026811	0.17204142	4.07E-05	0.0040668	-0.10475
9mo_SIGAE3_	0.01208856	0.06234432	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.01972846	0.10844423	3.40E-05	0.0046667	0.0032259
9mo_SIGAE3_	0.05018815	0.29224077	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.0237032	0.13242815	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02750726	0.15538222	3.84E-05	0.0040947	-0.10472
9mo_SIGAE3_	0.12469087	0.741797	6.68E-05	0.024034	-0.40548
9mo_SIGAE3_	0.04217154	0.24386781	5.24E-05	0.0047963	-0.00654
9mo_SIGAE3_	0.03499928	0.20058973	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.02186296	0.12132397	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01537405	0.08216929	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.0117306	0.06018437	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02499968	0.14025125	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.10794379	0.64074355	6.59E-05	0.025614	-0.23822
9mo_SIGAE3_	0.02457692	0.13770026	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.01546397	0.0827119	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02092094	0.11563974	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.10175111	0.6033764	6.54E-05	0.024923	-0.14299
9mo_SIGAE3_	0.0110156	0.05586999	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.12456594	0.7410432	6.68E-05	0.024034	-0.40152
9mo_SIGAE3_	0.01696856	0.09179073	3.31E-05	0.0050879	0.085504
9mo_SIGAE3_	0.02220732	0.12340187	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.09772717	0.57909554	6.51E-05	0.023964	-0.074831
9mo_SIGAE3_	0.12249032	0.72851866	6.67E-05	0.024282	-0.38934
9mo_SIGAE3_	0.02933925	0.16643661	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01921949	0.10537305	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.10241395	0.607376	6.55E-05	0.025127	-0.15246
9mo_SIGAE3_	0.08844203	0.52306813	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.09847216	0.5835909	6.52E-05	0.024123	-0.084641
9mo_SIGAE3_	0.10649669	0.63201165	6.58E-05	0.02556	-0.22263
9mo_SIGAE3_	0.09484933	0.56173044	6.49E-05	0.023073	-0.026471
9mo_SIGAE3_	0.08350111	0.4932542	6.36E-05	0.018151	0.12117

9mo_SIGAE3_	0.0890309	0.52662146	6.42E-05	0.020663	0.067165
9mo_SIGAE3_	0.03016344	0.17140983	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.01395119	0.07358363	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01621804	0.08726201	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.09212536	0.54529375	6.46E-05	0.022042	0.019141
9mo_SIGAE3_	0.03260091	0.18611775	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.02331105	0.13006191	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02097494	0.11596557	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.03047853	0.1733111	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.03165489	0.18040937	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.02501861	0.14036547	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.01962243	0.10780437	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.03091816	0.17596386	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.12123051	0.72091687	6.66E-05	0.024419	-0.37656
9mo_SIGAE3_	0.06336034	0.371723	6.09E-05	0.0096122	0.089169
9mo_SIGAE3_	0.0356235	0.20435631	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.006914	0.03112057	3.18E-05	0.0078	0.54183
9mo_SIGAE3_	0.09548954	0.5655935	6.49E-05	0.023263	-0.035993
9mo_SIGAE3_	0.02599414	0.1462519	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.02956343	0.16778928	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.09733704	0.57674146	6.51E-05	0.023799	-0.065044
9mo_SIGAE3_	0.03218023	0.18357934	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.02084965	0.11520959	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.0087555	0.04223237	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.06342649	0.37212214	6.09E-05	0.0096122	0.089169
9mo_SIGAE3_	0.01489419	0.0792738	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.08338031	0.4925253	6.36E-05	0.018151	0.12117
9mo_SIGAE3_	0.08168622	0.48230302	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.03590089	0.20603013	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.08788284	0.519694	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.02532776	0.14223087	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.02388217	0.13350806	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01129783	0.057573	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.05240992	0.30564713	5.85E-05	0.0064518	0.057248
9mo_SIGAE3_	0.02104494	0.11638797	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.1024885	0.6078258	6.55E-05	0.025127	-0.15246
9mo_SIGAE3_	0.13201669	0.7860017	6.71E-05	0.023582	-0.45284
9mo_SIGAE3_	0.06614557	0.3885293	6.13E-05	0.010616	0.10013
9mo_SIGAE3_	0.12104075	0.71977186	6.66E-05	0.02449	-0.37656
9mo_SIGAE3_	0.11758518	0.6989206	6.64E-05	0.024917	-0.34876
9mo_SIGAE3_	0.06170352	0.36172557	6.07E-05	0.0090475	0.083692
9mo_SIGAE3_	0.02680077	0.15111914	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.03077974	0.17512867	4.11E-05	0.0040705	-0.10299

9mo_SIGAE3_	0.09161318	0.5422032	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.12356412	0.73499805	6.67E-05	0.024153	-0.39752
9mo_SIGAE3_	0.01912283	0.10478976	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.0487728	0.28370047	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.02336956	0.13041493	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.10636358	0.6312084	6.58E-05	0.02556	-0.21453
9mo_SIGAE3_	0.044062	0.25527504	5.38E-05	0.0050014	0.012967
9mo_SIGAE3_	0.01305165	0.0681557	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.08730142	0.5161856	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.10197587	0.6047326	6.55E-05	0.025029	-0.14299
9mo_SIGAE3_	0.07952505	0.46926233	6.31E-05	0.016335	0.13545
9mo_SIGAE3_	0.07232526	0.42581812	6.21E-05	0.01308	0.12548
9mo_SIGAE3_	0.12821743	0.7630766	6.69E-05	0.023757	-0.4283
9mo_SIGAE3_	0.02040602	0.11253264	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.0619933	0.36347413	6.07E-05	0.0092324	0.083692
9mo_SIGAE3_	0.05513146	0.32206917	5.94E-05	0.0071062	0.065685
9mo_SIGAE3_	0.13160165	0.7834973	6.70E-05	0.023599	-0.44949
9mo_SIGAE3_	0.01265326	0.06575181	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.07281282	0.42876008	6.22E-05	0.01332	0.12737
9mo_SIGAE3_	0.02236208	0.12433571	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.03039255	0.17279232	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.07645116	0.45071417	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.10123275	0.6002486	6.54E-05	0.024809	-0.13341
9mo_SIGAE3_	0.07294878	0.4295805	6.22E-05	0.01332	0.12737
9mo_SIGAE3_	0.08861278	0.52409846	6.42E-05	0.020663	0.074212
9mo_SIGAE3_	0.019471	0.10689066	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01635578	0.08809312	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.06294093	0.36919224	6.08E-05	0.0094206	0.087254
9mo_SIGAE3_	0.02141192	0.11860237	3.47E-05	0.0044724	-0.0356
9mo_SIGAE3_	0.09284713	0.54964894	6.46E-05	0.022258	0.010343
9mo_SIGAE3_	0.02007276	0.11052176	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.01558983	0.08347132	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02367917	0.13228317	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.08139638	0.48055407	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.11397992	0.67716616	6.62E-05	0.025353	-0.31137
9mo_SIGAE3_	0.08190273	0.48360944	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.02646168	0.14907308	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.02493617	0.139868	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.07057297	0.41524467	6.19E-05	0.012376	0.11916
9mo_SIGAE3_	0.10286833	0.61011773	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.0636524	0.3734853	6.10E-05	0.0098069	0.089169
9mo_SIGAE3_	0.08692893	0.51393795	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.10530265	0.6248067	6.57E-05	0.025482	-0.19772

9mo_SIGAE3_	0.02693986	0.15195844	3.80E-05	0.0041099	-0.10271
9mo_SIGAE3_	0.03955109	0.22805582	4.98E-05	0.0045122	-0.034672
9mo_SIGAE3_	0.0986994	0.58496207	6.52E-05	0.024275	-0.084641
9mo_SIGAE3_	0.03993771	0.23038866	5.03E-05	0.0045634	-0.028892
9mo_SIGAE3_	0.0145124	0.07697002	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.01742352	0.09453596	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.01711723	0.09268779	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.07959513	0.46968517	6.31E-05	0.016335	0.13545
9mo_SIGAE3_	0.09210654	0.5451802	6.46E-05	0.022042	0.019141
9mo_SIGAE3_	0.0327795	0.18719536	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.02523797	0.14168908	3.68E-05	0.0041768	-0.092011
9mo_SIGAE3_	0.0671402	0.39453098	6.14E-05	0.011039	0.10251
9mo_SIGAE3_	0.10319045	0.6120615	6.56E-05	0.025216	-0.17104
9mo_SIGAE3_	0.02485262	0.13936386	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.0355347	0.20382048	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.04119144	0.23795378	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.0111097	0.05643783	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.0598126	0.3503156	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.03005538	0.17075782	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.11009084	0.6536991	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.03409049	0.195106	4.43E-05	0.004153	-0.082901
9mo_SIGAE3_	0.01289371	0.06720266	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.0755939	0.44554138	6.26E-05	0.014549	0.13453
9mo_SIGAE3_	0.10110309	0.59946615	6.54E-05	0.024809	-0.13341
9mo_SIGAE3_	0.04872342	0.28340247	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.09149389	0.54148334	6.45E-05	0.021822	0.036126
9mo_SIGAE3_	0.01442337	0.07643282	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.08830024	0.52221256	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.0262441	0.14776017	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.04381153	0.25376368	5.38E-05	0.0050014	0.008455
9mo_SIGAE3_	0.02385588	0.13334945	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01474339	0.07836381	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.01740272	0.09441046	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02074751	0.11459322	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.08065219	0.4760636	6.32E-05	0.016854	0.13314
9mo_SIGAE3_	0.01400531	0.07391017	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01476396	0.07848793	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.0311751	0.17751427	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.02085701	0.11525396	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.12494412	0.7433251	6.68E-05	0.024034	-0.40548
9mo_SIGAE3_	0.01978076	0.10875978	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.04902672	0.2852326	5.70E-05	0.0057827	0.04392
9mo_SIGAE3_	0.03014051	0.17127147	4.07E-05	0.0040668	-0.10597

9mo_SIGAE3_	0.02154261	0.11939095	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.00911228	0.04438521	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.0332646	0.19012254	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.06394522	0.37525222	6.10E-05	0.0098069	0.091185
9mo_SIGAE3_	0.11713464	0.696202	6.64E-05	0.024986	-0.34377
9mo_SIGAE3_	0.0632386	0.3709884	6.09E-05	0.0096122	0.087254
9mo_SIGAE3_	0.01678383	0.09067603	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.05253207	0.30638424	5.87E-05	0.0065755	0.057248
9mo_SIGAE3_	0.08951253	0.52952766	6.43E-05	0.020902	0.059815
9mo_SIGAE3_	0.05018178	0.29220232	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.0309222	0.1759883	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.01697509	0.09183011	3.31E-05	0.0050879	0.085504
9mo_SIGAE3_	0.08002722	0.47229248	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.02557796	0.14374065	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.03310061	0.18913297	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.06338797	0.3718897	6.09E-05	0.0096122	0.089169
9mo_SIGAE3_	0.08512757	0.50306845	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.01590724	0.08538662	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.04409674	0.25548467	5.38E-05	0.0050014	0.012967
9mo_SIGAE3_	0.04999176	0.29105574	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.01764362	0.09586407	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02060806	0.1137518	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02128161	0.11781602	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.05116021	0.2981063	5.81E-05	0.006215	0.051138
9mo_SIGAE3_	0.04423747	0.25633386	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.01465126	0.07780788	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.12039482	0.71587425	6.66E-05	0.024561	-0.37215
9mo_SIGAE3_	0.01309655	0.06842668	3.23E-05	0.0059016	0.23179
9mo_SIGAE3_	0.06561723	0.38534126	6.12E-05	0.01041	0.097788
9mo_SIGAE3_	0.10830359	0.64291465	6.59E-05	0.025614	-0.24573
9mo_SIGAE3_	0.02299823	0.12817432	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.01479533	0.07867722	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.08927747	0.52810925	6.43E-05	0.020902	0.067165
9mo_SIGAE3_	0.04894708	0.28475204	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.08369817	0.4944433	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.03799665	0.21867618	4.81E-05	0.0043756	-0.04622
9mo_SIGAE3_	0.05945855	0.34817922	6.03E-05	0.0083426	0.075889
9mo_SIGAE3_	0.07005525	0.41212064	6.18E-05	0.012147	0.11689
9mo_SIGAE3_	0.0250051	0.14028396	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.08453851	0.499514	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.14049472	0.83715886	6.74E-05	0.023558	-0.49553
9mo_SIGAE3_	0.03329946	0.19033286	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.09545641	0.5653936	6.49E-05	0.023263	-0.035993

9mo_SIGAE3_	0.0256644	0.14426218	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.0228078	0.1270252	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.09891171	0.58624315	6.52E-05	0.024275	-0.094455
9mo_SIGAE3_	0.02160288	0.11975466	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.04667372	0.2710344	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.03364501	0.19241796	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.02212262	0.12289078	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.04135994	0.23897052	5.14E-05	0.0046741	-0.011944
9mo_SIGAE3_	0.1309424	0.7795193	6.70E-05	0.023618	-0.44608
9mo_SIGAE3_	0.01852112	0.10115902	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01161259	0.0594723	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.08353923	0.49348423	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.07821264	0.4613431	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.11877283	0.706087	6.65E-05	0.024776	-0.3584
9mo_SIGAE3_	0.02031132	0.11196123	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.00859445	0.04126054	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.08970077	0.5306635	6.44E-05	0.021137	0.059815
9mo_SIGAE3_	0.05011093	0.2917748	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.01900368	0.10407083	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.0944961	0.559599	6.48E-05	0.022877	-0.017059
9mo_SIGAE3_	0.02630171	0.14810783	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.02307614	0.12864439	3.55E-05	0.0043197	-0.065623
9mo_SIGAE3_	0.09964898	0.5906919	6.53E-05	0.024558	-0.10426
9mo_SIGAE3_	0.0818263	0.48314828	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.03220708	0.18374133	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.01585909	0.08509607	3.28E-05	0.0052924	0.12392
9mo_SIGAE3_	0.0883867	0.5227343	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.01276729	0.06643989	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.02570314	0.14449596	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.0784654	0.46286824	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.0070724	0.03207637	3.19E-05	0.0075925	0.51404
9mo_SIGAE3_	0.02445075	0.13693891	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.01492822	0.07947909	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.02272344	0.1265162	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.02352682	0.13136385	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.10263978	0.60873866	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.07802407	0.46020526	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.01836162	0.10019655	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01052365	0.05290153	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.13432238	0.79991436	6.71E-05	0.023539	-0.46567
9mo_SIGAE3_	0.01800039	0.09801683	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02351494	0.1312922	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.08893304	0.52603096	6.42E-05	0.020663	0.067165

9mo_SIGAE3_	0.04346919	0.25169796	5.33E-05	0.0049301	0.008455
9mo_SIGAE3_	0.02454149	0.13748646	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.02409073	0.13476653	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.11005242	0.65346724	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.02690416	0.15174305	3.80E-05	0.0041099	-0.10271
9mo_SIGAE3_	0.00599597	0.02558109	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.06932728	0.40772805	6.17E-05	0.01192	0.11218
9mo_SIGAE3_	0.01639251	0.0883148	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.11474127	0.6817602	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.13112392	0.78061455	6.70E-05	0.023618	-0.44608
9mo_SIGAE3_	0.02134833	0.11821862	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.02287225	0.1274141	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.08215611	0.4851384	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.09098611	0.53841937	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.04853397	0.28225932	5.67E-05	0.0056831	0.041222
9mo_SIGAE3_	0.05017142	0.29213983	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.06710783	0.3943357	6.14E-05	0.011039	0.10251
9mo_SIGAE3_	0.10012317	0.59355325	6.53E-05	0.024558	-0.11403
9mo_SIGAE3_	0.12460834	0.741299	6.68E-05	0.024034	-0.40152
9mo_SIGAE3_	0.07057219	0.41523993	6.19E-05	0.012376	0.11916
9mo_SIGAE3_	0.08412584	0.4970239	6.37E-05	0.018667	0.1176
9mo_SIGAE3_	0.03805511	0.21902889	4.81E-05	0.0043756	-0.04622
9mo_SIGAE3_	0.07773131	0.45843872	6.29E-05	0.015562	0.13662
9mo_SIGAE3_	0.02112525	0.11687259	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.0571737	0.33439222	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.07560384	0.44560134	6.26E-05	0.014549	0.13453
9mo_SIGAE3_	0.09832145	0.58268154	6.52E-05	0.024123	-0.084641
9mo_SIGAE3_	0.09168064	0.5426102	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.10697515	0.63489866	6.58E-05	0.025586	-0.22263
9mo_SIGAE3_	0.01572906	0.08431148	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01870614	0.10227545	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.02238544	0.12447665	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.04841932	0.28156748	5.67E-05	0.0056831	0.038361
9mo_SIGAE3_	0.01481768	0.07881209	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01433818	0.07591876	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.01969622	0.10824967	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01866563	0.10203095	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.09322003	0.5518991	6.47E-05	0.022469	0.0013661
9mo_SIGAE3_	0.08570125	0.50653005	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.07437497	0.4381863	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.01350321	0.0708805	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.06345982	0.37232327	6.09E-05	0.0096122	0.089169
9mo_SIGAE3_	0.08211625	0.48489782	6.35E-05	0.017633	0.12948

9mo_SIGAE3_	0.13738672	0.818405	6.73E-05	0.02353	-0.48301
9mo_SIGAE3_	0.02334314	0.13025549	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.01999322	0.11004177	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.05639726	0.32970712	5.98E-05	0.0075425	0.068678
9mo_SIGAE3_	0.11250579	0.66827106	6.62E-05	0.025448	-0.29336
9mo_SIGAE3_	0.08954652	0.52973276	6.43E-05	0.020902	0.059815
9mo_SIGAE3_	0.02845964	0.16112892	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.01778101	0.09669311	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01851735	0.10113623	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.09826511	0.58234155	6.52E-05	0.024123	-0.084641
9mo_SIGAE3_	0.01150002	0.05879301	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.08102393	0.4783067	6.33E-05	0.017113	0.13314
9mo_SIGAE3_	0.09221571	0.5458389	6.46E-05	0.022042	0.019141
9mo_SIGAE3_	0.02320214	0.12940472	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.10112318	0.5995874	6.54E-05	0.024809	-0.13341
9mo_SIGAE3_	0.01553391	0.08313388	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.03475855	0.19913718	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.10034279	0.59487844	6.53E-05	0.024687	-0.11403
9mo_SIGAE3_	0.01981599	0.10897239	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.05781283	0.3382488	6.00E-05	0.0078516	0.071569
9mo_SIGAE3_	0.03731203	0.21454507	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.09882554	0.5857232	6.52E-05	0.024275	-0.094455
9mo_SIGAE3_	0.01993888	0.1097139	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.07997393	0.4719709	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.10257395	0.6083415	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.13835348	0.8242385	6.73E-05	0.023534	-0.48567
9mo_SIGAE3_	0.11500479	0.68335027	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.02139648	0.11850915	3.47E-05	0.0044724	-0.0356
9mo_SIGAE3_	0.01770406	0.09622878	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.05890458	0.34483656	6.02E-05	0.0081753	0.074438
9mo_SIGAE3_	0.02676025	0.1508747	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.0838868	0.49558148	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.04880922	0.2839202	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.03961129	0.22841905	4.98E-05	0.0045122	-0.028892
9mo_SIGAE3_	0.08266651	0.48821816	6.35E-05	0.017892	0.1271
9mo_SIGAE3_	0.0244426	0.13688976	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.08214221	0.48505452	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.12646502	0.7525024	6.68E-05	0.023879	-0.41707
9mo_SIGAE3_	0.10120901	0.6001053	6.54E-05	0.024809	-0.13341
9mo_SIGAE3_	0.04389371	0.2542596	5.38E-05	0.0050014	0.008455
9mo_SIGAE3_	0.09595615	0.568409	6.50E-05	0.023448	-0.045608
9mo_SIGAE3_	0.09910508	0.58741	6.53E-05	0.02442	-0.094455
9mo_SIGAE3_	0.07208976	0.4243971	6.21E-05	0.01308	0.12348

9mo_SIGAE3_	0.01493745	0.07953481	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01915607	0.10499037	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01207032	0.0622343	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.01158992	0.05933548	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.01510294	0.08053341	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01766566	0.0959971	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.0084023	0.0401011	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.0914005	0.54091984	6.45E-05	0.021822	0.036126
9mo_SIGAE3_	0.01185403	0.06092915	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.1400724	0.8346106	6.74E-05	0.023558	-0.49317
9mo_SIGAE3_	0.10027125	0.5944467	6.53E-05	0.024687	-0.11403
9mo_SIGAE3_	0.0103008	0.05155683	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.01649286	0.0889203	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.07064008	0.4156496	6.19E-05	0.012376	0.11916
9mo_SIGAE3_	0.1107522	0.65768975	6.61E-05	0.025556	-0.27396
9mo_SIGAE3_	0.02192974	0.12172694	3.49E-05	0.0044169	-0.046619
9mo_SIGAE3_	0.02682921	0.15129079	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.02170984	0.12040004	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01474848	0.07839453	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.01811011	0.09867892	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.11226261	0.6668037	6.61E-05	0.025489	-0.29336
9mo_SIGAE3_	0.07859066	0.46362412	6.30E-05	0.016077	0.13651
9mo_SIGAE3_	0.02714052	0.15316927	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.08121455	0.4794569	6.33E-05	0.017113	0.13148
9mo_SIGAE3_	0.0258495	0.14537911	3.72E-05	0.0041509	-0.096385
9mo_SIGAE3_	0.13214582	0.78678083	6.71E-05	0.023582	-0.45284
9mo_SIGAE3_	0.05853971	0.3426349	6.01E-05	0.0080116	0.074438
9mo_SIGAE3_	0.02559974	0.14387202	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.02261721	0.12587519	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.0178513	0.09711725	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.09081452	0.53738403	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.03953676	0.22796929	4.98E-05	0.0045122	-0.034672
9mo_SIGAE3_	0.01896603	0.10384359	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.08706534	0.5147611	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.02540747	0.1427119	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01745215	0.09470873	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.04474608	0.2594028	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.08193208	0.48378652	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.12339275	0.73396397	6.67E-05	0.024217	-0.39346
9mo_SIGAE3_	0.08346162	0.49301594	6.36E-05	0.018151	0.12117
9mo_SIGAE3_	0.02240334	0.12458466	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.01611277	0.0866268	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.12467966	0.7417293	6.68E-05	0.024034	-0.40548

9mo_SIGAE3_	0.01240054	0.06422687	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.0539829	0.31513867	5.91E-05	0.0068337	0.062513
9mo_SIGAE3_	0.02611234	0.14696512	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.01763604	0.09581836	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02234591	0.12423813	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.03159637	0.1800563	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.03440954	0.19703121	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.03242169	0.18503633	4.27E-05	0.004099	-0.094772
9mo_SIGAE3_	0.05134143	0.29919976	5.81E-05	0.006215	0.053285
9mo_SIGAE3_	0.02858045	0.16185796	3.93E-05	0.004074	-0.10664
9mo_SIGAE3_	0.01441255	0.07636748	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.02864681	0.16225837	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.02340231	0.13061252	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.026211	0.14756045	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.0730357	0.430105	6.23E-05	0.013561	0.12737
9mo_SIGAE3_	0.09613581	0.5694931	6.50E-05	0.023448	-0.045608
9mo_SIGAE3_	0.07760976	0.4577053	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.09861723	0.5844663	6.52E-05	0.024275	-0.084641
9mo_SIGAE3_	0.02001265	0.11015904	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.14365762	0.85624415	6.75E-05	0.023613	-0.50792
9mo_SIGAE3_	0.07585087	0.447092	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.05219881	0.3043733	5.85E-05	0.0064518	0.055318
9mo_SIGAE3_	0.01368547	0.07198022	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.09875272	0.5852838	6.52E-05	0.024275	-0.094455
9mo_SIGAE3_	0.0117525	0.06031652	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.15793261	0.9423807	6.78E-05	0.023701	-0.52688
9mo_SIGAE3_	0.086418	0.510855	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.02976062	0.1689792	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.01943593	0.10667906	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02229284	0.1239179	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.01964276	0.10792706	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.0222366	0.12357858	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.02271144	0.12644377	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.11104849	0.6594776	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.10414624	0.6178288	6.56E-05	0.025367	-0.18011
9mo_SIGAE3_	0.01630068	0.08776064	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.02800065	0.1583594	3.88E-05	0.0040827	-0.10603
9mo_SIGAE3_	0.11899054	0.7074007	6.65E-05	0.024704	-0.3584
9mo_SIGAE3_	0.08357263	0.4936858	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.029666	0.16840826	4.02E-05	0.0040662	-0.10597
9mo_SIGAE3_	0.09856526	0.58415264	6.52E-05	0.024275	-0.084641
9mo_SIGAE3_	0.0349003	0.19999248	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.09313205	0.5513682	6.47E-05	0.022469	0.010343

9mo_SIGAE3_	0.03478229	0.1992804	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.02723183	0.15372023	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.01345141	0.07056793	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02031127	0.11196094	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.07721555	0.45532656	6.28E-05	0.015307	0.13646
9mo_SIGAE3_	0.01582042	0.0848627	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01980367	0.10889803	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.01001104	0.04980837	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.02113075	0.11690576	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.08548408	0.50521964	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.01070895	0.05401963	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.01840238	0.10044249	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01348071	0.07074472	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02322311	0.12953123	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02653493	0.14951508	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.05989917	0.35083795	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.05482804	0.3202383	5.94E-05	0.0071062	0.064127
9mo_SIGAE3_	0.01046945	0.0525745	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.02355658	0.13154344	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.11299444	0.67121965	6.62E-05	0.025403	-0.29951
9mo_SIGAE3_	0.11800832	0.70147383	6.65E-05	0.024847	-0.34876
9mo_SIGAE3_	0.11455179	0.68061686	6.63E-05	0.025242	-0.3171
9mo_SIGAE3_	0.04526297	0.26252177	5.46E-05	0.0051531	0.021279
9mo_SIGAE3_	0.02639958	0.14869836	3.76E-05	0.0041286	-0.099939
9mo_SIGAE3_	0.02688586	0.15163265	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.02007058	0.11050858	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.06769864	0.39790064	6.15E-05	0.011255	0.10492
9mo_SIGAE3_	0.08505696	0.50264233	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.12128018	0.72121656	6.66E-05	0.024419	-0.37656
9mo_SIGAE3_	0.14324038	0.85372645	6.75E-05	0.023603	-0.50606
9mo_SIGAE3_	0.02021989	0.11140951	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.0793744	0.4683533	6.31E-05	0.016335	0.13545
9mo_SIGAE3_	0.01764866	0.09589449	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02133825	0.11815779	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.07801405	0.4601448	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.09437234	0.5588522	6.48E-05	0.022877	-0.017059
9mo_SIGAE3_	0.00784793	0.03675598	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.07842501	0.46262455	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.01413274	0.07467913	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.08200313	0.4842153	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.01581675	0.08484056	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.06823733	0.4011512	6.16E-05	0.011474	0.10734
9mo_SIGAE3_	0.02547439	0.14311565	3.72E-05	0.0041509	-0.092011

9mo_SIGAE3_	0.02976617	0.16901265	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.03911843	0.22544506	4.92E-05	0.0044639	-0.034672
9mo_SIGAE3_	0.11524173	0.68478	6.63E-05	0.025182	-0.32268
9mo_SIGAE3_	0.02126639	0.11772424	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.06969302	0.40993494	6.18E-05	0.012147	0.11455
9mo_SIGAE3_	0.02373412	0.13261475	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01973365	0.10847549	3.40E-05	0.0046667	0.0032259
9mo_SIGAE3_	0.07593891	0.44762322	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.08775914	0.51894754	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.06938675	0.4080869	6.17E-05	0.01192	0.11218
9mo_SIGAE3_	0.08635914	0.5104998	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.0269848	0.15222964	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.07796245	0.45983344	6.29E-05	0.015562	0.13662
9mo_SIGAE3_	0.00638163	0.0279082	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.06533546	0.38364103	6.12E-05	0.01041	0.095509
9mo_SIGAE3_	0.0811737	0.4792104	6.33E-05	0.017113	0.13148
9mo_SIGAE3_	0.01554925	0.08322645	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.05351279	0.31230196	5.89E-05	0.0067028	0.060836
9mo_SIGAE3_	0.023592	0.13175717	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.0600746	0.35189655	6.04E-05	0.0085136	0.07887
9mo_SIGAE3_	0.12204413	0.7258263	6.66E-05	0.02435	-0.38515
9mo_SIGAE3_	0.05971715	0.3497396	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.08298137	0.49011806	6.36E-05	0.018151	0.12434
9mo_SIGAE3_	0.12986763	0.77303404	6.70E-05	0.023664	-0.43912
9mo_SIGAE3_	0.01072018	0.0540874	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.01778783	0.09673428	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.04697608	0.27285886	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.02736364	0.1545156	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.0289567	0.16412824	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.04147148	0.23964359	5.19E-05	0.0047337	-0.011944
9mo_SIGAE3_	0.04683015	0.2719783	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.02056005	0.11346211	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.10766318	0.63905036	6.59E-05	0.025604	-0.23822
9mo_SIGAE3_	0.11866915	0.7054613	6.65E-05	0.024776	-0.3584
9mo_SIGAE3_	0.04795965	0.2787938	5.64E-05	0.0055867	0.038361
9mo_SIGAE3_	0.01873703	0.1024618	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01827665	0.09968388	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01929524	0.10583013	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.09710109	0.5753177	6.51E-05	0.023799	-0.065044
9mo_SIGAE3_	0.04788195	0.27832496	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.08904222	0.52668977	6.42E-05	0.020663	0.067165
9mo_SIGAE3_	0.05287991	0.3084831	5.87E-05	0.0065755	0.059084
9mo_SIGAE3_	0.02535954	0.14242268	3.72E-05	0.0041509	-0.092011

9mo_SIGAE3_	0.02043068	0.11268149	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.04603538	0.2671826	5.54E-05	0.0053171	0.025099
9mo_SIGAE3_	0.07585735	0.44713107	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.02160266	0.11975331	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.09180574	0.5433651	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.01736428	0.09417853	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.07929754	0.46788952	6.31E-05	0.016335	0.13613
9mo_SIGAE3_	0.03853841	0.22194517	4.87E-05	0.0044183	-0.040459
9mo_SIGAE3_	0.1340726	0.79840726	6.71E-05	0.023539	-0.46567
9mo_SIGAE3_	0.01212737	0.06257854	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.1164562	0.6921082	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.01746648	0.09479518	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.08470311	0.5005072	6.38E-05	0.018923	0.1136
9mo_SIGAE3_	0.01723404	0.09339261	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.09428626	0.55833274	6.48E-05	0.022877	-0.0077738
9mo_SIGAE3_	0.03254202	0.18576244	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.02332417	0.13014103	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.01748937	0.09493334	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02233159	0.1241517	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.01676297	0.09055018	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.0591987	0.3466113	6.03E-05	0.0083426	0.075889
9mo_SIGAE3_	0.11237764	0.6674978	6.62E-05	0.025448	-0.29336
9mo_SIGAE3_	0.08924301	0.52790135	6.43E-05	0.020902	0.067165
9mo_SIGAE3_	0.01884667	0.10312337	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.11668144	0.6934674	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.02269496	0.12634437	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.01154073	0.05903871	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02574	0.14471838	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.00721893	0.03296058	3.19E-05	0.0075925	0.51404
9mo_SIGAE3_	0.018222	0.09935412	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.04619836	0.26816604	5.54E-05	0.0053171	0.025099
9mo_SIGAE3_	0.12719305	0.75689536	6.69E-05	0.023834	-0.42086
9mo_SIGAE3_	0.01174185	0.06025228	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.03893225	0.22432165	4.92E-05	0.0044639	-0.040459
9mo_SIGAE3_	0.10534328	0.62505186	6.57E-05	0.025482	-0.20623
9mo_SIGAE3_	0.02366369	0.13218975	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02132478	0.11807655	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.07408622	0.4364439	6.23E-05	0.013805	0.13074
9mo_SIGAE3_	0.07829263	0.4618258	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.03607433	0.20707671	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.01465886	0.07785378	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.0567654	0.33192852	5.98E-05	0.0075425	0.070131
9mo_SIGAE3_	0.02077504	0.11475939	3.44E-05	0.0045325	-0.01065

9mo_SIGAE3_	0.01753259	0.09519412	3.33E-05	0.0049935	0.067421
9mo_SIGAE3_	0.10806581	0.64147985	6.59E-05	0.025614	-0.23822
9mo_SIGAE3_	0.02013205	0.1108795	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02945005	0.1671052	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01855764	0.10137938	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02883726	0.16340755	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.01016949	0.05076449	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.07094096	0.41746515	6.20E-05	0.012608	0.11916
9mo_SIGAE3_	0.01557076	0.08335625	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.1042861	0.6186727	6.56E-05	0.025367	-0.18901
9mo_SIGAE3_	0.01093502	0.05538375	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.0277604	0.15690969	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.05128766	0.29887533	5.81E-05	0.006215	0.053285
9mo_SIGAE3_	0.09736928	0.576936	6.51E-05	0.023964	-0.065044
9mo_SIGAE3_	0.12064838	0.71740425	6.66E-05	0.02449	-0.37215
9mo_SIGAE3_	0.0605543	0.3547911	6.05E-05	0.008688	0.07887
9mo_SIGAE3_	0.02140384	0.11855357	3.47E-05	0.0044724	-0.0356
9mo_SIGAE3_	0.04886374	0.28424916	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.02428349	0.13592964	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.0147551	0.07843446	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.05909776	0.3460022	6.02E-05	0.0081753	0.075889
9mo_SIGAE3_	0.01491176	0.07937981	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.02321608	0.12948886	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.06699368	0.39364687	6.14E-05	0.011039	0.10251
9mo_SIGAE3_	0.08631473	0.51023185	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.0737883	0.43464625	6.23E-05	0.013805	0.12913
9mo_SIGAE3_	0.04759673	0.2766039	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.05990738	0.35088754	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.01759402	0.09556478	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.00792034	0.0371929	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.06550462	0.38466173	6.12E-05	0.01041	0.095509
9mo_SIGAE3_	0.03211179	0.18316638	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.06499696	0.38159847	6.11E-05	0.010206	0.093303
9mo_SIGAE3_	0.09482789	0.56160104	6.49E-05	0.023073	-0.017059
9mo_SIGAE3_	0.05931465	0.3473109	6.03E-05	0.0083426	0.075889
9mo_SIGAE3_	0.02113103	0.1169074	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01565927	0.08389032	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.03747743	0.21554315	4.76E-05	0.0043355	-0.05192
9mo_SIGAE3_	0.02507188	0.14068691	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.09358882	0.55412436	6.48E-05	0.022676	0.0013661
9mo_SIGAE3_	0.02021394	0.11137363	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.08435867	0.49842882	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.0789775	0.46595836	6.30E-05	0.016077	0.13613

9mo_SIGAE3_	0.02462188	0.13797157	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.02679119	0.15106137	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.04526994	0.26256382	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.14184697	0.8453185	6.74E-05	0.023584	-0.5021
9mo_SIGAE3_	0.09332804	0.5525508	6.47E-05	0.022469	0.0013661
9mo_SIGAE3_	0.1098545	0.65227294	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.03854517	0.22198595	4.87E-05	0.0044183	-0.040459
9mo_SIGAE3_	0.00329639	0.00929159	3.18E-05	0.0092049	0.71249
9mo_SIGAE3_	0.01338927	0.07019293	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.10294005	0.6105506	6.56E-05	0.025216	-0.16182
9mo_SIGAE3_	0.01990179	0.1094901	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.07998504	0.4720379	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.08876579	0.5250218	6.42E-05	0.020663	0.067165
9mo_SIGAE3_	0.01061347	0.05344351	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.07598756	0.44791678	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.01276694	0.06643775	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.02318104	0.12927738	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02885336	0.16350466	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.03720735	0.21391344	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.06393627	0.37519822	6.10E-05	0.0098069	0.091185
9mo_SIGAE3_	0.01319	0.06899054	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.0836711	0.49427995	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.01407806	0.07434915	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.00480621	0.01840198	3.18E-05	0.0084677	0.62647
9mo_SIGAE3_	0.08106153	0.47853357	6.33E-05	0.017113	0.13148
9mo_SIGAE3_	0.06628738	0.38938498	6.13E-05	0.010616	0.10013
9mo_SIGAE3_	0.04230023	0.24464434	5.24E-05	0.0047963	-0.00654
9mo_SIGAE3_	0.04696243	0.2727765	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.0171626	0.09296159	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.03337766	0.1908047	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.12588048	0.7489752	6.68E-05	0.023927	-0.41325
9mo_SIGAE3_	0.07503421	0.44216415	6.25E-05	0.014299	0.13345
9mo_SIGAE3_	0.00832326	0.03962415	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.02186052	0.12130926	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.0184679	0.10083785	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01537264	0.08216076	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.0873541	0.5165035	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.02035622	0.11223216	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02363436	0.13201277	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.01037428	0.05200025	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.06143744	0.36012003	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.0217646	0.12073044	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01553017	0.08311131	3.28E-05	0.0052924	0.1442

9mo_SIGAE3_	0.00989396	0.04910191	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.04939313	0.28744352	5.73E-05	0.0058857	0.04392
9mo_SIGAE3_	0.01497599	0.07976734	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.03368924	0.19268483	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.08468548	0.5004008	6.38E-05	0.018923	0.1136
9mo_SIGAE3_	0.10154324	0.60212207	6.54E-05	0.024923	-0.14299
9mo_SIGAE3_	0.04998153	0.29099402	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.06492598	0.38117015	6.11E-05	0.010206	0.093303
9mo_SIGAE3_	0.02201835	0.12226164	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.0562713	0.32894704	5.97E-05	0.0073934	0.068678
9mo_SIGAE3_	0.02302799	0.12835388	3.55E-05	0.0043197	-0.065623
9mo_SIGAE3_	0.02637984	0.14857927	3.76E-05	0.0041286	-0.099939
9mo_SIGAE3_	0.04690769	0.27244622	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.05407958	0.31572202	5.91E-05	0.0068337	0.062513
9mo_SIGAE3_	0.08836056	0.5225766	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.04738579	0.2753311	5.61E-05	0.0054936	0.035328
9mo_SIGAE3_	0.07507759	0.44242597	6.25E-05	0.014299	0.13345
9mo_SIGAE3_	0.05883427	0.34441224	6.02E-05	0.0081753	0.074438
9mo_SIGAE3_	0.0177051	0.09623508	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.11527932	0.6850068	6.63E-05	0.025182	-0.32814
9mo_SIGAE3_	0.03657562	0.2101015	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.10325404	0.61244524	6.56E-05	0.025216	-0.17104
9mo_SIGAE3_	0.02221721	0.12346154	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.08283901	0.48925903	6.35E-05	0.017892	0.12434
9mo_SIGAE3_	0.05021657	0.2924123	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.01950402	0.10708991	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02722645	0.15368779	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.07210062	0.42446265	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.01062856	0.05353457	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.11558835	0.6868715	6.63E-05	0.025182	-0.32814
9mo_SIGAE3_	0.03825627	0.22024272	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.01657402	0.08941001	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.03152812	0.17964442	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.08111588	0.4788615	6.33E-05	0.017113	0.13148
9mo_SIGAE3_	0.01205138	0.06211999	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.10020686	0.5940582	6.53E-05	0.024687	-0.11403
9mo_SIGAE3_	0.00888362	0.04300544	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.08708269	0.5148658	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.01500175	0.07992277	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.02072509	0.11445797	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02760476	0.15597053	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.07792385	0.4596005	6.29E-05	0.015562	0.13662
9mo_SIGAE3_	0.01987534	0.10933048	3.42E-05	0.0045972	0.0032259

9mo_SIGAE3_	0.03114812	0.17735147	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.01744018	0.09463649	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02219078	0.12330205	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.02690331	0.15173788	3.80E-05	0.0041099	-0.10271
9mo_SIGAE3_	0.07493267	0.44155148	6.25E-05	0.014299	0.13218
9mo_SIGAE3_	0.11834589	0.7035108	6.65E-05	0.024847	-0.35363
9mo_SIGAE3_	0.01107782	0.05624542	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.06422381	0.37693325	6.10E-05	0.010005	0.091185
9mo_SIGAE3_	0.02691951	0.15183565	3.80E-05	0.0041099	-0.10271
9mo_SIGAE3_	0.04774681	0.2775095	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.01269698	0.06601563	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.0115734	0.0592358	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.05493479	0.3208824	5.94E-05	0.0071062	0.064127
9mo_SIGAE3_	0.01440995	0.07635182	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.00978166	0.04842432	3.20E-05	0.0068348	0.37961
9mo_SIGAE3_	0.07770453	0.45827717	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.01471457	0.07818991	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.0384259	0.22126631	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.02147586	0.11898819	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.04643796	0.2696118	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.01789653	0.09739019	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02933393	0.16640449	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01476198	0.078476	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.03735264	0.21479014	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.0349785	0.20046434	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.01681088	0.09083925	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.12768686	0.75987506	6.69E-05	0.023794	-0.4246
9mo_SIGAE3_	0.01848897	0.10096501	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.14673653	0.87482256	6.76E-05	0.023666	-0.51583
9mo_SIGAE3_	0.07653559	0.45122364	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.02346474	0.13098927	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.01894984	0.10374595	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.02717823	0.15339682	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.11310165	0.67186654	6.62E-05	0.025403	-0.30551
9mo_SIGAE3_	0.04024006	0.23221312	5.03E-05	0.0045634	-0.023154
9mo_SIGAE3_	0.04747785	0.27588657	5.61E-05	0.0054936	0.035328
9mo_SIGAE3_	0.01938243	0.10635624	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.08653297	0.51154876	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.01556528	0.08332318	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.09237588	0.5468054	6.46E-05	0.022042	0.019141
9mo_SIGAE3_	0.02028252	0.11178742	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.00776092	0.03623099	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.1002399	0.5942576	6.53E-05	0.024687	-0.11403

9mo_SIGAE3_	0.12114301	0.7203888	6.66E-05	0.02449	-0.37656
9mo_SIGAE3_	0.00959873	0.04732049	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.02061269	0.11377969	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02747821	0.15520687	3.84E-05	0.0040947	-0.10472
9mo_SIGAE3_	0.03841028	0.221172	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.11767174	0.6994429	6.64E-05	0.024917	-0.34876
9mo_SIGAE3_	0.00982648	0.04869474	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.03715756	0.21361299	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.01714856	0.09287682	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.00893991	0.04334508	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.02518258	0.14135484	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.00707609	0.03209866	3.19E-05	0.0075925	0.51404
9mo_SIGAE3_	0.03061293	0.1741221	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.01438324	0.07619064	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.08728849	0.5161076	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.01410799	0.07452977	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.02271354	0.12645647	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.06066968	0.35548732	6.05E-05	0.008688	0.080421
9mo_SIGAE3_	0.02193801	0.12177682	3.49E-05	0.0044169	-0.046619
9mo_SIGAE3_	0.01057773	0.05322787	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.01362656	0.07162475	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01858215	0.10152724	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01702682	0.09214224	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02072182	0.11443823	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.01489156	0.07925787	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01282518	0.0667892	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.08691502	0.5138541	6.41E-05	0.01993	0.093363
9mo_SIGAE3_	0.01574398	0.08440146	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.09013254	0.5332688	6.44E-05	0.021137	0.05218
9mo_SIGAE3_	0.05707371	0.3337889	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.02677983	0.15099283	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.02029967	0.11189091	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.07575402	0.4465076	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.06572624	0.385999	6.12E-05	0.01041	0.097788
9mo_SIGAE3_	0.01733028	0.09397338	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.131103	0.7804884	6.70E-05	0.023618	-0.44608
9mo_SIGAE3_	0.02416934	0.13524088	3.61E-05	0.0042401	-0.080664
9mo_SIGAE3_	0.02144709	0.1188146	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01044527	0.05242856	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.0323979	0.18489277	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.01593583	0.08555909	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01278866	0.06656883	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.09746242	0.577498	6.51E-05	0.023964	-0.065044

9mo_SIGAE3_	0.01360903	0.07151903	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.05525932	0.32284066	5.95E-05	0.007248	0.065685
9mo_SIGAE3_	0.09981325	0.59168315	6.53E-05	0.024558	-0.11403
9mo_SIGAE3_	0.12708881	0.7562664	6.69E-05	0.023834	-0.42086
9mo_SIGAE3_	0.02356162	0.13157386	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.05148514	0.30006695	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.01298053	0.06772655	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.02012891	0.11086058	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.03292736	0.18808757	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.06633189	0.3896536	6.13E-05	0.010826	0.10013
9mo_SIGAE3_	0.09406994	0.55702746	6.48E-05	0.022877	-0.0077738
9mo_SIGAE3_	0.01742713	0.09455776	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.08758766	0.5179128	6.41E-05	0.020177	0.087329
9mo_SIGAE3_	0.09593229	0.5682651	6.50E-05	0.023448	-0.035993
9mo_SIGAE3_	0.07413079	0.43671283	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.00983147	0.04872488	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.11675616	0.6939182	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.02920199	0.16560833	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.03395366	0.19428037	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.06199003	0.36345443	6.07E-05	0.0092324	0.083692
9mo_SIGAE3_	0.02854948	0.16167104	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.03760344	0.2163035	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.01628527	0.08766764	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01724519	0.09345993	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02534925	0.14236054	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01253087	0.06501331	3.23E-05	0.0060411	0.25518
9mo_SIGAE3_	0.01148235	0.05868643	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.04994887	0.29079697	5.76E-05	0.005992	0.046466
9mo_SIGAE3_	0.02028229	0.11178605	3.42E-05	0.0045972	-0.01065
9mo_SIGAE3_	0.03575611	0.20515652	4.59E-05	0.0042319	-0.068307
9mo_SIGAE3_	0.0102719	0.05138245	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.01785303	0.0971277	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01123637	0.05720218	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.02165435	0.12006518	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.02824744	0.15984854	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.02047529	0.11295065	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02407081	0.13464631	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01534848	0.08201498	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01500042	0.07991476	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.0162473	0.08743855	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01667488	0.09001861	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.11130489	0.66102475	6.61E-05	0.025525	-0.28058
9mo_SIGAE3_	0.02947586	0.16726093	4.02E-05	0.0040662	-0.10661

9mo_SIGAE3_	0.10257298	0.6083356	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.00803368	0.03787683	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.07201409	0.42394048	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.09834086	0.5827986	6.52E-05	0.024123	-0.084641
9mo_SIGAE3_	0.06858089	0.40322423	6.16E-05	0.011695	0.10977
9mo_SIGAE3_	0.02217247	0.12319159	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.02572662	0.14463764	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01191577	0.06130171	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02020888	0.11134311	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02179638	0.12092222	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.02189707	0.12152983	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.02211491	0.12284424	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.03365759	0.19249386	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.01253806	0.06505667	3.23E-05	0.0060411	0.25518
9mo_SIGAE3_	0.01455151	0.07720599	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.01707414	0.09242778	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.07262439	0.42762312	6.22E-05	0.01332	0.12548
9mo_SIGAE3_	0.0253779	0.14253344	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01162806	0.05956566	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.08888778	0.52575785	6.42E-05	0.020663	0.067165
9mo_SIGAE3_	0.13199559	0.78587437	6.71E-05	0.023582	-0.45284
9mo_SIGAE3_	0.09856903	0.5841754	6.52E-05	0.024275	-0.084641
9mo_SIGAE3_	0.04889403	0.28443196	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.07225765	0.42541018	6.21E-05	0.01308	0.12548
9mo_SIGAE3_	0.07908722	0.46662042	6.31E-05	0.016335	0.13613
9mo_SIGAE3_	0.02633182	0.14828947	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.01520269	0.0811353	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01418494	0.07499411	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01835946	0.10018352	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02840224	0.16078262	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.01110156	0.05638871	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.0214267	0.11869152	3.47E-05	0.0044724	-0.0356
9mo_SIGAE3_	0.03735499	0.2148043	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.05542908	0.32386506	5.95E-05	0.007248	0.065685
9mo_SIGAE3_	0.01846304	0.10080853	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.03954071	0.22799316	4.98E-05	0.0045122	-0.034672
9mo_SIGAE3_	0.04284624	0.247939	5.29E-05	0.0048617	-0.0013165
9mo_SIGAE3_	0.00984169	0.04878654	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.02860133	0.16198392	3.93E-05	0.004074	-0.10664
9mo_SIGAE3_	0.07187252	0.42308623	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.0241609	0.13518998	3.61E-05	0.0042401	-0.080664
9mo_SIGAE3_	0.02347599	0.13105716	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.04470849	0.25917602	5.42E-05	0.0050757	0.017239

9mo_SIGAE3_	0.02547917	0.14314449	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01287187	0.06707093	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01403058	0.07406268	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.02402121	0.13434708	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02273208	0.12656833	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.018473	0.10086864	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.11359949	0.67487055	6.62E-05	0.025353	-0.30551
9mo_SIGAE3_	0.10708278	0.6355481	6.58E-05	0.025586	-0.23052
9mo_SIGAE3_	0.01776872	0.09661893	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01103398	0.05598094	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01375892	0.07242341	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.02071615	0.11440404	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.01316325	0.06882914	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01355943	0.07121971	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01087989	0.05505112	3.21E-05	0.0064976	0.32844
9mo_SIGAE3_	0.0197327	0.10846978	3.40E-05	0.0046667	0.0032259
9mo_SIGAE3_	0.02016565	0.11108224	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.10364582	0.6148092	6.56E-05	0.025296	-0.17104
9mo_SIGAE3_	0.0145775	0.07736284	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.02327209	0.12982678	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02943224	0.1669977	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.03601624	0.20672618	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.12285786	0.73073643	6.67E-05	0.024282	-0.38934
9mo_SIGAE3_	0.05070797	0.29537743	5.78E-05	0.0061018	0.051138
9mo_SIGAE3_	0.07986831	0.47133356	6.32E-05	0.016594	0.13545
9mo_SIGAE3_	0.09389544	0.5559745	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.03461201	0.19825293	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.02663957	0.15014648	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.01962484	0.10781894	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.03640428	0.20906763	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.01125319	0.05730363	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.09081109	0.5373633	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.01770744	0.09624919	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01152594	0.05894942	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.0775885	0.457577	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.09559406	0.56622416	6.49E-05	0.023263	-0.035993
9mo_SIGAE3_	0.02991608	0.16991726	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.03183624	0.18150365	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.11014283	0.65401274	6.60E-05	0.02558	-0.26716
9mo_SIGAE3_	0.02595454	0.14601296	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.06454474	0.37886974	6.10E-05	0.010005	0.093303
9mo_SIGAE3_	0.08272867	0.48859325	6.35E-05	0.017892	0.12434
9mo_SIGAE3_	0.10041472	0.5953125	6.53E-05	0.024687	-0.12375

9mo_SIGAE3_	0.00821311	0.03895954	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.03105687	0.17680086	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.03079696	0.17523256	4.11E-05	0.0040705	-0.10299
9mo_SIGAE3_	0.01304571	0.06811989	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01804688	0.09829737	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.08782337	0.5193351	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.03288954	0.18785939	4.32E-05	0.0041142	-0.094772
9mo_SIGAE3_	0.05120766	0.29839262	5.81E-05	0.006215	0.053285
9mo_SIGAE3_	0.03723314	0.21406907	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.05010614	0.29174593	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.07625917	0.44955572	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.00963016	0.04751014	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.04671705	0.27129585	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.01752681	0.09515926	3.33E-05	0.0049935	0.067421
9mo_SIGAE3_	0.00684056	0.03067745	3.18E-05	0.0078	0.54183
9mo_SIGAE3_	0.03943152	0.2273343	4.98E-05	0.0045122	-0.034672
9mo_SIGAE3_	0.03087742	0.17571805	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.02550792	0.14331798	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.06025456	0.35298243	6.05E-05	0.008688	0.07887
9mo_SIGAE3_	0.04542831	0.2635195	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.05827355	0.3410288	6.01E-05	0.0080116	0.073002
9mo_SIGAE3_	0.01049263	0.05271438	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.01470647	0.07814108	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.01911796	0.10476041	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.05125205	0.29866046	5.81E-05	0.006215	0.053285
9mo_SIGAE3_	0.02560494	0.14390339	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01657467	0.08941394	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.08614802	0.5092259	6.39E-05	0.01943	0.099025
9mo_SIGAE3_	0.01210947	0.06247053	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.0177475	0.09649088	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01637431	0.08820498	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.06630778	0.3895081	6.13E-05	0.010616	0.10013
9mo_SIGAE3_	0.01395698	0.07361857	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01406226	0.07425385	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01869573	0.10221262	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.03569017	0.20475866	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.01435059	0.07599367	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.0291926	0.16555169	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01684708	0.0910577	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.08294815	0.4899176	6.35E-05	0.017892	0.12434
9mo_SIGAE3_	0.0175429	0.09525634	3.33E-05	0.0049935	0.067421
9mo_SIGAE3_	0.01464337	0.0777603	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.02158899	0.11967081	3.49E-05	0.0044169	-0.0356

9mo_SIGAE3_	0.01380628	0.07270923	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.12813173	0.7625595	6.69E-05	0.023757	-0.4283
9mo_SIGAE3_	0.00960726	0.04737195	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.1049246	0.6225255	6.57E-05	0.025429	-0.19772
9mo_SIGAE3_	0.07668857	0.45214674	6.27E-05	0.015053	0.13605
9mo_SIGAE3_	0.13242635	0.7884736	6.71E-05	0.023568	-0.45613
9mo_SIGAE3_	0.02178093	0.120829	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.02773882	0.15677945	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.01190014	0.06120742	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02315885	0.12914349	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.08533864	0.504342	6.39E-05	0.019177	0.10916
9mo_SIGAE3_	0.01636263	0.0881345	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.09608863	0.56920844	6.50E-05	0.023448	-0.045608
9mo_SIGAE3_	0.0926742	0.54860544	6.46E-05	0.022258	0.010343
9mo_SIGAE3_	0.08632375	0.5102863	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.01778668	0.09672733	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02096147	0.11588429	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.09519722	0.5638296	6.49E-05	0.023263	-0.026471
9mo_SIGAE3_	0.00460779	0.01720467	3.18E-05	0.0087056	0.65503
9mo_SIGAE3_	0.05611523	0.3280053	5.97E-05	0.0073934	0.067199
9mo_SIGAE3_	0.07622134	0.4493274	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.09295543	0.55030245	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.01245996	0.06458538	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.01018173	0.05083837	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.01618697	0.08707455	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01474457	0.07837096	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.01581787	0.08484734	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02372641	0.1325682	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.0115488	0.05908738	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.01223195	0.06320959	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.09693187	0.5742966	6.51E-05	0.023799	-0.055297
9mo_SIGAE3_	0.06069339	0.35563034	6.05E-05	0.008688	0.080421
9mo_SIGAE3_	0.08518705	0.5034273	6.39E-05	0.019177	0.10916
9mo_SIGAE3_	0.01568759	0.08406121	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.03064593	0.17432125	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.06383079	0.37456176	6.10E-05	0.0098069	0.089169
9mo_SIGAE3_	0.07689516	0.45339328	6.28E-05	0.015307	0.13605
9mo_SIGAE3_	0.02813827	0.15918975	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.02525224	0.14177518	3.68E-05	0.0041768	-0.092011
9mo_SIGAE3_	0.11530051	0.6851347	6.63E-05	0.025182	-0.32814
9mo_SIGAE3_	0.01765294	0.09592033	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.03073734	0.17487279	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.04320634	0.2501119	5.33E-05	0.0049301	0.0036923

9mo_SIGAE3_	0.01515077	0.08082199	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.05717497	0.33439988	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.0331146	0.1892174	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.01106801	0.05618628	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.02080243	0.11492465	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02360464	0.13183346	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.01864373	0.10189882	3.36E-05	0.0048202	0.03364
9mo_SIGAE3_	0.06881028	0.4046084	6.16E-05	0.011695	0.10977
9mo_SIGAE3_	0.06057952	0.35494325	6.05E-05	0.008688	0.07887
9mo_SIGAE3_	0.02204015	0.12239312	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.03042306	0.17297642	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.10983358	0.65214676	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.00737423	0.03389763	3.19E-05	0.0075925	0.51404
9mo_SIGAE3_	0.10828663	0.6428123	6.59E-05	0.025614	-0.24573
9mo_SIGAE3_	0.0243842	0.13653736	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.0608994	0.35687345	6.06E-05	0.008866	0.080421
9mo_SIGAE3_	0.02833892	0.1604005	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.04508692	0.2614595	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.03385737	0.19369936	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.06035991	0.35361812	6.05E-05	0.008688	0.07887
9mo_SIGAE3_	0.07533483	0.4439781	6.26E-05	0.014549	0.13345
9mo_SIGAE3_	0.00767595	0.03571827	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.03834133	0.220756	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.01546809	0.08273675	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01727898	0.09366382	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.01267604	0.06588927	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.08373289	0.4946528	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.04384329	0.2539553	5.38E-05	0.0050014	0.008455
9mo_SIGAE3_	0.06801276	0.3997961	6.16E-05	0.011474	0.10734
9mo_SIGAE3_	0.01651861	0.08907566	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.0103367	0.05177348	3.20E-05	0.0066628	0.35381
9mo_SIGAE3_	0.0846741	0.5003321	6.38E-05	0.018923	0.1136
9mo_SIGAE3_	0.0161056	0.08658356	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.02724898	0.15382373	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.08726654	0.5159752	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.0642401	0.37703153	6.10E-05	0.010005	0.091185
9mo_SIGAE3_	0.03116406	0.17744769	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.0235233	0.13134263	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.10956651	0.6505352	6.60E-05	0.025599	-0.2602
9mo_SIGAE3_	0.03786352	0.21787286	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.0077002	0.03586457	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.01114458	0.05664828	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.0074894	0.03459256	3.19E-05	0.0075925	0.51404

9mo_SIGAE3_	0.07851487	0.46316683	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.13687707	0.8153297	6.73E-05	0.023528	-0.48029
9mo_SIGAE3_	0.07375329	0.43443498	6.23E-05	0.013805	0.12913
9mo_SIGAE3_	0.05725776	0.33489946	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.08920916	0.5276971	6.43E-05	0.020902	0.067165
9mo_SIGAE3_	0.0096823	0.04782475	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.11120281	0.6604088	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.01418528	0.07499614	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.09078229	0.53718954	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.0779194	0.4595737	6.29E-05	0.015562	0.13662
9mo_SIGAE3_	0.02232278	0.12409854	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.09667277	0.57273316	6.50E-05	0.023626	-0.055297
9mo_SIGAE3_	0.01310466	0.06847561	3.23E-05	0.0059016	0.23179
9mo_SIGAE3_	0.02708653	0.15284349	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.09977833	0.59147245	6.53E-05	0.024558	-0.10426
9mo_SIGAE3_	0.02597434	0.1461324	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.08142515	0.48072767	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.10237997	0.607171	6.55E-05	0.025127	-0.15246
9mo_SIGAE3_	0.01777941	0.09668348	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02889628	0.16376366	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.11107121	0.6596147	6.61E-05	0.025556	-0.28058
9mo_SIGAE3_	0.01172235	0.06013459	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.13241565	0.78840905	6.71E-05	0.023568	-0.45613
9mo_SIGAE3_	0.01784478	0.09707792	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.07589828	0.44737807	6.26E-05	0.0148	0.13453
9mo_SIGAE3_	0.00716658	0.03264467	3.19E-05	0.0075925	0.51404
9mo_SIGAE3_	0.03543593	0.20322451	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.01913646	0.10487202	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.10970558	0.65137434	6.60E-05	0.025599	-0.2602
9mo_SIGAE3_	0.07996839	0.47193745	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.0507035	0.29535046	5.78E-05	0.0061018	0.051138
9mo_SIGAE3_	0.01729426	0.09375601	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.02746866	0.15514928	3.84E-05	0.0040947	-0.10472
9mo_SIGAE3_	0.00834406	0.03974969	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.01333661	0.06987519	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.09938183	0.5890799	6.53E-05	0.02442	-0.10426
9mo_SIGAE3_	0.01161461	0.0594845	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.11649518	0.6923434	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.03323255	0.18992914	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.01203537	0.06202338	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.05234877	0.30527815	5.85E-05	0.0064518	0.057248
9mo_SIGAE3_	0.01689624	0.09135432	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.10148969	0.6017989	6.54E-05	0.024923	-0.14299

9mo_SIGAE3_	0.01492408	0.07945412	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.02006085	0.11044985	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.03867476	0.22276792	4.92E-05	0.0044639	-0.040459
9mo_SIGAE3_	0.1094863	0.65005124	6.60E-05	0.025611	-0.2602
9mo_SIGAE3_	0.02609744	0.14687522	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.10988373	0.6524493	6.60E-05	0.025599	-0.26716
9mo_SIGAE3_	0.0238186	0.1331245	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01372389	0.07221206	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.0121969	0.06299805	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.10127981	0.60053253	6.54E-05	0.024923	-0.13341
9mo_SIGAE3_	0.02781933	0.15726528	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.10955832	0.6504858	6.60E-05	0.025611	-0.2602
9mo_SIGAE3_	0.02611161	0.14696075	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.08056736	0.4755517	6.32E-05	0.016854	0.13314
9mo_SIGAE3_	0.01956543	0.10746045	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02087151	0.11534149	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.0248144	0.13913323	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.02252349	0.12530968	3.52E-05	0.0043661	-0.056631
9mo_SIGAE3_	0.08267966	0.48829752	6.35E-05	0.017892	0.1271
9mo_SIGAE3_	0.10717613	0.63611144	6.58E-05	0.025586	-0.23052
9mo_SIGAE3_	0.02223494	0.12356854	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.03478589	0.1993021	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.02121801	0.11743226	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.06863942	0.40357742	6.16E-05	0.011695	0.10977
9mo_SIGAE3_	0.02046287	0.11287571	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.01645049	0.08866461	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02559848	0.14386444	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.03406683	0.19496326	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.01165884	0.0597514	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.09179536	0.5433024	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.04696484	0.27279106	5.61E-05	0.0054936	0.032113
9mo_SIGAE3_	0.02585994	0.14544211	3.72E-05	0.0041509	-0.096385
9mo_SIGAE3_	0.02114149	0.11697055	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.07532903	0.44394314	6.26E-05	0.014549	0.13345
9mo_SIGAE3_	0.01145505	0.0585217	3.21E-05	0.006339	0.30353
9mo_SIGAE3_	0.07020094	0.41299975	6.18E-05	0.012147	0.11689
9mo_SIGAE3_	0.01922181	0.10538705	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01387217	0.07310683	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.07832015	0.46199185	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.01653117	0.08915144	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.1165187	0.6924854	6.64E-05	0.025054	-0.33868
9mo_SIGAE3_	0.03451707	0.19768004	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.10320202	0.6121313	6.56E-05	0.025216	-0.17104

9mo_SIGAE3_	0.02947979	0.1672846	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.06137772	0.3597597	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.01945879	0.10681699	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.0878751	0.51964724	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.00851003	0.04075114	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.05626622	0.3289164	5.97E-05	0.0073934	0.068678
9mo_SIGAE3_	0.01069692	0.05394703	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.12489259	0.7430142	6.68E-05	0.024034	-0.40548
9mo_SIGAE3_	0.01307716	0.06830962	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.02053037	0.113283	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02053904	0.11333531	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.04846266	0.28182903	5.67E-05	0.0056831	0.041222
9mo_SIGAE3_	0.05664285	0.331189	5.98E-05	0.0075425	0.068678
9mo_SIGAE3_	0.07397227	0.43575633	6.23E-05	0.013805	0.13074
9mo_SIGAE3_	0.02136849	0.11834029	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01676505	0.09056273	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02756921	0.15575603	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.01110668	0.05641957	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01507412	0.08035946	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01452987	0.07707544	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.02731411	0.15421669	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.01307817	0.06831572	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01526999	0.08154139	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.03206843	0.18290472	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.09533107	0.5646373	6.49E-05	0.023263	-0.026471
9mo_SIGAE3_	0.13178517	0.78460467	6.71E-05	0.023582	-0.44949
9mo_SIGAE3_	0.01113549	0.05659344	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.08440591	0.49871385	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.071408	0.42028332	6.20E-05	0.012843	0.12136
9mo_SIGAE3_	0.0245554	0.1375704	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.08357129	0.4936777	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.01674029	0.09041333	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.0183958	0.10040282	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01739791	0.09438141	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.09705071	0.57501376	6.51E-05	0.023799	-0.065044
9mo_SIGAE3_	0.02055367	0.11342359	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.03050718	0.17348397	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.02739827	0.15472457	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.10025378	0.59434134	6.53E-05	0.024687	-0.11403
9mo_SIGAE3_	0.02759767	0.15592775	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.02111095	0.11678627	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.03238596	0.18482074	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.0242876	0.13595451	3.64E-05	0.0042065	-0.080664

9mo_SIGAE3_	0.12363253	0.73541087	6.67E-05	0.024153	-0.39752
9mo_SIGAE3_	0.0844295	0.4988562	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.00968629	0.04784884	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.04479897	0.25972196	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.04112064	0.23752658	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.0333959	0.1909148	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.02397112	0.13404481	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.07693382	0.4536266	6.28E-05	0.015307	0.13605
9mo_SIGAE3_	0.02472304	0.13858196	3.64E-05	0.0042065	-0.086782
9mo_SIGAE3_	0.02908691	0.16491392	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.03029571	0.17220798	4.07E-05	0.0040668	-0.10475
9mo_SIGAE3_	0.01496623	0.07970849	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01394012	0.07351685	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01697092	0.09180497	3.31E-05	0.0050879	0.085504
9mo_SIGAE3_	0.06765284	0.39762428	6.15E-05	0.011255	0.10492
9mo_SIGAE3_	0.01099963	0.05577361	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.03069592	0.17462286	4.11E-05	0.0040705	-0.10475
9mo_SIGAE3_	0.00830225	0.03949742	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.03852699	0.22187626	4.87E-05	0.0044183	-0.040459
9mo_SIGAE3_	0.01592126	0.08547118	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01185163	0.06091467	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.03119004	0.17760445	4.16E-05	0.0040771	-0.10299
9mo_SIGAE3_	0.00831639	0.03958272	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.01826946	0.0996405	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01545859	0.08267938	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01840637	0.10046659	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.0674897	0.39663988	6.15E-05	0.011255	0.10492
9mo_SIGAE3_	0.05806434	0.33976644	6.01E-05	0.0080116	0.073002
9mo_SIGAE3_	0.01940597	0.10649824	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.09441524	0.55911106	6.48E-05	0.022877	-0.017059
9mo_SIGAE3_	0.01949734	0.10704962	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.06617943	0.3887336	6.13E-05	0.010616	0.10013
9mo_SIGAE3_	0.05761311	0.33704367	6.00E-05	0.0078516	0.071569
9mo_SIGAE3_	0.01501491	0.08000221	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01414704	0.07476543	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.00860517	0.04132526	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.02040471	0.11252473	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.1132212	0.67258793	6.62E-05	0.025403	-0.30551
9mo_SIGAE3_	0.10755263	0.63838327	6.59E-05	0.025604	-0.23822
9mo_SIGAE3_	0.02050748	0.11314489	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.01049252	0.05271367	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.05942596	0.34798256	6.03E-05	0.0083426	0.075889
9mo_SIGAE3_	0.01311086	0.06851298	3.23E-05	0.0059016	0.23179

9mo_SIGAE3_	0.02351925	0.1313182	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.03985758	0.22990516	5.03E-05	0.0045634	-0.028892
9mo_SIGAE3_	0.02701358	0.15240331	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.09988576	0.5921207	6.53E-05	0.024558	-0.11403
9mo_SIGAE3_	0.02845986	0.16113028	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.03251341	0.1855898	4.27E-05	0.004099	-0.094772
9mo_SIGAE3_	0.02114436	0.11698788	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.03180381	0.18130799	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.02618397	0.14739734	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.01940786	0.10650966	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.01431544	0.07578155	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.07052177	0.4149357	6.19E-05	0.012376	0.11689
9mo_SIGAE3_	0.09302353	0.55071336	6.47E-05	0.022469	0.010343
9mo_SIGAE3_	0.02232781	0.12412895	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.04685994	0.27215806	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.10518614	0.62410367	6.57E-05	0.025482	-0.19772
9mo_SIGAE3_	0.03780949	0.21754679	4.81E-05	0.0043756	-0.05192
9mo_SIGAE3_	0.02657368	0.1497489	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.08221031	0.4854654	6.35E-05	0.017633	0.1271
9mo_SIGAE3_	0.0714368	0.42045707	6.20E-05	0.012843	0.12136
9mo_SIGAE3_	0.02460772	0.1378861	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.01500463	0.07994019	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.0236455	0.13207999	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.11480283	0.68213165	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.02752372	0.15548155	3.84E-05	0.0040947	-0.10472
9mo_SIGAE3_	0.01697743	0.09184422	3.31E-05	0.0050879	0.085504
9mo_SIGAE3_	0.07435924	0.43809134	6.24E-05	0.014051	0.13074
9mo_SIGAE3_	0.01521904	0.08123396	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.02084096	0.11515714	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.01648371	0.08886508	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02081813	0.11501937	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.08500861	0.50235057	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.01320439	0.06907738	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02887176	0.1636157	3.97E-05	0.0040686	-0.10664
9mo_SIGAE3_	0.03323577	0.18994859	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.03888778	0.22405331	4.92E-05	0.0044639	-0.040459
9mo_SIGAE3_	0.01070391	0.05398925	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.01672732	0.09033504	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.01982035	0.10899866	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.07083656	0.41683516	6.20E-05	0.012608	0.11916
9mo_SIGAE3_	0.02119977	0.11732223	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.05596491	0.32709828	5.97E-05	0.0073934	0.067199
9mo_SIGAE3_	0.08724386	0.5158383	6.41E-05	0.01993	0.087329

9mo_SIGAE3_	0.02738798	0.15466245	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.02185153	0.12125502	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.03742534	0.21522881	4.76E-05	0.0043355	-0.05192
9mo_SIGAE3_	0.04691622	0.27249762	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.01511535	0.08060828	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.06693407	0.39328718	6.14E-05	0.011039	0.10251
9mo_SIGAE3_	0.01803155	0.09820491	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01327171	0.06948357	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.0126807	0.06591739	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01122525	0.05713504	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.07545344	0.44469383	6.26E-05	0.014549	0.13345
9mo_SIGAE3_	0.03572926	0.20499448	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.02304465	0.12845443	3.55E-05	0.0043197	-0.065623
9mo_SIGAE3_	0.01619507	0.08712339	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01347899	0.07073432	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.03453226	0.19777168	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.05159682	0.30074084	5.83E-05	0.0063316	0.053285
9mo_SIGAE3_	0.09125616	0.54004884	6.45E-05	0.021597	0.036126
9mo_SIGAE3_	0.07994171	0.47177646	6.32E-05	0.016594	0.13446
9mo_SIGAE3_	0.11423219	0.67868835	6.63E-05	0.025299	-0.3171
9mo_SIGAE3_	0.01737841	0.09426376	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.07384072	0.4349625	6.23E-05	0.013805	0.12913
9mo_SIGAE3_	0.05424428	0.31671584	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.01563346	0.08373459	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.09261796	0.5482661	6.46E-05	0.022258	0.019141
9mo_SIGAE3_	0.00822379	0.03902395	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.01856668	0.1014339	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.02010354	0.11070748	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02299736	0.12816907	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.05600506	0.32734057	5.97E-05	0.0073934	0.067199
9mo_SIGAE3_	0.11020232	0.65437174	6.60E-05	0.02558	-0.26716
9mo_SIGAE3_	0.0465146	0.27007428	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.03842015	0.22123161	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.05421001	0.31650907	5.92E-05	0.0069681	0.062513
9mo_SIGAE3_	0.0207978	0.11489671	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02085582	0.11524681	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.07283755	0.42890936	6.22E-05	0.01332	0.12737
9mo_SIGAE3_	0.03455718	0.19792205	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.03309273	0.18908542	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.03156447	0.17986381	4.22E-05	0.0040866	-0.10071
9mo_SIGAE3_	0.09060346	0.5361104	6.44E-05	0.021369	0.044278
9mo_SIGAE3_	0.01414323	0.07474244	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.0626806	0.36762133	6.08E-05	0.0094206	0.085432

9mo_SIGAE3_	0.05489461	0.32064	5.94E-05	0.0071062	0.064127
9mo_SIGAE3_	0.01072924	0.05414205	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.02654726	0.14958951	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.06402532	0.37573555	6.10E-05	0.0098069	0.091185
9mo_SIGAE3_	0.01751031	0.09505969	3.33E-05	0.0049935	0.067421
9mo_SIGAE3_	0.04162601	0.24057603	5.19E-05	0.0047337	-0.011944
9mo_SIGAE3_	0.01756046	0.09536231	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02224913	0.12365418	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.02752727	0.15550293	3.84E-05	0.0040947	-0.10472
9mo_SIGAE3_	0.01554304	0.083189	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.01714074	0.09282965	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.01860203	0.10164719	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.0220588	0.1225057	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.04968291	0.2891921	5.73E-05	0.0058857	0.046466
9mo_SIGAE3_	0.04431283	0.25678855	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.01004964	0.05004128	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.08443172	0.49886963	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.02606215	0.14666227	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.01357948	0.0713407	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01120619	0.05702006	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.02085766	0.11525792	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.01379662	0.07265091	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.08567703	0.5063839	6.39E-05	0.019177	0.1043
9mo_SIGAE3_	0.05605503	0.32764205	5.97E-05	0.0073934	0.067199
9mo_SIGAE3_	0.03227219	0.18413426	4.27E-05	0.004099	-0.097962
9mo_SIGAE3_	0.0597309	0.34982258	6.04E-05	0.0085136	0.077363
9mo_SIGAE3_	0.06050472	0.3544919	6.05E-05	0.008688	0.07887
9mo_SIGAE3_	0.02115558	0.11705557	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.02942051	0.16692692	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.03586322	0.20580287	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.03479853	0.1993784	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.0817334	0.4825877	6.34E-05	0.017373	0.12948
9mo_SIGAE3_	0.02557313	0.14371149	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01475259	0.07841932	3.26E-05	0.0055188	0.16515
9mo_SIGAE3_	0.03521285	0.20187844	4.54E-05	0.0042028	-0.073417
9mo_SIGAE3_	0.0241088	0.13487555	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.00966895	0.04774419	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.00816447	0.038666	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.0859212	0.5078572	6.39E-05	0.01943	0.1043
9mo_SIGAE3_	0.01239339	0.06418374	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.0183591	0.10018133	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.10713358	0.63585466	6.58E-05	0.025586	-0.23052
9mo_SIGAE3_	0.02845878	0.16112375	3.93E-05	0.004074	-0.10603

9mo_SIGAE3_	0.02484385	0.13931094	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.02400585	0.13425435	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.05512593	0.3220358	5.94E-05	0.0071062	0.065685
9mo_SIGAE3_	0.02049994	0.11309937	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.06139236	0.359848	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.12256796	0.72898716	6.67E-05	0.024282	-0.38934
9mo_SIGAE3_	0.06789749	0.39910054	6.15E-05	0.011255	0.10734
9mo_SIGAE3_	0.00971914	0.04804706	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.08950448	0.5294791	6.43E-05	0.020902	0.059815
9mo_SIGAE3_	0.11863413	0.70525	6.65E-05	0.024776	-0.3584
9mo_SIGAE3_	0.0417874	0.24154986	5.19E-05	0.0047337	-0.011944
9mo_SIGAE3_	0.01644579	0.08863626	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.02403885	0.13445349	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02553023	0.14345261	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.02247398	0.12501091	3.52E-05	0.0043661	-0.056631
9mo_SIGAE3_	0.05926596	0.3470171	6.03E-05	0.0083426	0.075889
9mo_SIGAE3_	0.07035895	0.41395324	6.19E-05	0.012376	0.11689
9mo_SIGAE3_	0.01671135	0.09023868	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.07213555	0.42467338	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.08455914	0.49963844	6.37E-05	0.018667	0.1136
9mo_SIGAE3_	0.07655842	0.4513614	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.0213173	0.11803141	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.03352854	0.19171515	4.37E-05	0.0041322	-0.087207
9mo_SIGAE3_	0.04768965	0.27716458	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.01882448	0.10298949	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01347323	0.07069959	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01968141	0.1081603	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02978433	0.16912225	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.03719251	0.21382391	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.04327792	0.25054383	5.33E-05	0.0049301	0.0036923
9mo_SIGAE3_	0.02573576	0.14469281	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.0329779	0.18839253	4.32E-05	0.0041142	-0.091175
9mo_SIGAE3_	0.01545255	0.082643	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.06261629	0.3672333	6.08E-05	0.0094206	0.085432
9mo_SIGAE3_	0.01739622	0.09437124	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.09731311	0.5765971	6.51E-05	0.023799	-0.065044
9mo_SIGAE3_	0.03817933	0.21977846	4.87E-05	0.0044183	-0.04622
9mo_SIGAE3_	0.06219833	0.36471134	6.07E-05	0.0092324	0.083692
9mo_SIGAE3_	0.02360934	0.13186178	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.0359541	0.20635124	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.09092729	0.5380644	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.02171212	0.1204138	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01832158	0.09995495	3.36E-05	0.0048202	0.050123

9mo_SIGAE3_	0.01182423	0.06074937	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.01818461	0.09912847	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.08503337	0.5025	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.03247374	0.1853504	4.27E-05	0.004099	-0.094772
9mo_SIGAE3_	0.02334269	0.1302528	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.0331092	0.1891848	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.11637325	0.6916077	6.64E-05	0.025054	-0.33347
9mo_SIGAE3_	0.08206228	0.4845722	6.35E-05	0.017633	0.12948
9mo_SIGAE3_	0.12470535	0.7418844	6.68E-05	0.024034	-0.40548
9mo_SIGAE3_	0.02370821	0.13245837	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.08875882	0.5249797	6.42E-05	0.020663	0.074212
9mo_SIGAE3_	0.07741776	0.45654675	6.29E-05	0.015562	0.13646
9mo_SIGAE3_	0.0148968	0.07928953	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.07175626	0.4223847	6.20E-05	0.012843	0.12348
9mo_SIGAE3_	0.07164095	0.42168894	6.20E-05	0.012843	0.12348
9mo_SIGAE3_	0.00766177	0.03563268	3.19E-05	0.0073923	0.48652
9mo_SIGAE3_	0.03521027	0.20186286	4.54E-05	0.0042028	-0.073417
9mo_SIGAE3_	0.0181589	0.09897335	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.10833505	0.64310443	6.59E-05	0.025614	-0.24573
9mo_SIGAE3_	0.00895751	0.04345129	3.19E-05	0.0070136	0.43237
9mo_SIGAE3_	0.10508271	0.62347955	6.57E-05	0.025429	-0.19772
9mo_SIGAE3_	0.02917433	0.16544147	3.97E-05	0.0040686	-0.10661
9mo_SIGAE3_	0.02531253	0.14213902	3.68E-05	0.0041768	-0.092011
9mo_SIGAE3_	0.02489919	0.13964485	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.02560672	0.1439142	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.01285609	0.06697571	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.0682236	0.4010683	6.16E-05	0.011474	0.10734
9mo_SIGAE3_	0.02086621	0.11530951	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.01640071	0.08836424	3.30E-05	0.0051875	0.10435
9mo_SIGAE3_	0.0208202	0.11503189	3.44E-05	0.0045325	-0.023601
9mo_SIGAE3_	0.01667436	0.09001549	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.07350068	0.4329107	6.23E-05	0.013561	0.12913
9mo_SIGAE3_	0.01630813	0.08780558	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.01345753	0.07060485	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02335951	0.13035429	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02578415	0.14498478	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.03449931	0.19757289	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.04943402	0.28769028	5.73E-05	0.0058857	0.04392
9mo_SIGAE3_	0.02012846	0.11085782	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.01182207	0.06073631	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.12974893	0.77231777	6.70E-05	0.023664	-0.43912
9mo_SIGAE3_	0.09629171	0.57043386	6.50E-05	0.023626	-0.045608
9mo_SIGAE3_	0.03343728	0.19116448	4.37E-05	0.0041322	-0.091175

9mo_SIGAE3_	0.01872036	0.10236123	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.0138221	0.07280465	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01408852	0.07441232	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.01797468	0.09786173	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.0176938	0.09616689	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.09385493	0.5557301	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.06902934	0.40593022	6.16E-05	0.011695	0.11218
9mo_SIGAE3_	0.03009629	0.17100465	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.01016225	0.05072083	3.20E-05	0.0066628	0.37961
9mo_SIGAE3_	0.053832	0.3142281	5.91E-05	0.0068337	0.060836
9mo_SIGAE3_	0.02371697	0.13251124	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01061306	0.05344103	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.02117252	0.11715782	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.11706326	0.6957713	6.64E-05	0.024986	-0.34377
9mo_SIGAE3_	0.01220117	0.06302384	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.05571676	0.32560092	5.95E-05	0.007248	0.067199
9mo_SIGAE3_	0.11018115	0.654244	6.60E-05	0.02558	-0.26716
9mo_SIGAE3_	0.01888694	0.10336639	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.01444968	0.07659157	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.0113109	0.05765189	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01858967	0.10157266	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.01423712	0.07530892	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.02659925	0.1499032	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.0909568	0.5382425	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.01440152	0.07630095	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.02114258	0.11697711	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.06321465	0.37084386	6.09E-05	0.0096122	0.087254
9mo_SIGAE3_	0.01300636	0.06788246	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01621197	0.08722538	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.02052646	0.11325942	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.04556016	0.26431504	5.50E-05	0.0052335	0.021279
9mo_SIGAE3_	0.01991137	0.10954789	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.05060007	0.29472634	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.01415593	0.07481904	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.04403371	0.25510433	5.38E-05	0.0050014	0.012967
9mo_SIGAE3_	0.13197038	0.7857222	6.71E-05	0.023582	-0.45284
9mo_SIGAE3_	0.00593959	0.02524089	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.02054281	0.11335806	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.01261825	0.06554051	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.01302214	0.06797764	3.23E-05	0.0059016	0.25518
9mo_SIGAE3_	0.02554257	0.1435271	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.08369723	0.49443763	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.00853223	0.04088513	3.19E-05	0.0071994	0.45929

9mo_SIGAE3_	0.02815817	0.15930983	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.01134817	0.05787673	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.02992259	0.1699565	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.01223022	0.06319913	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.06162	0.36122164	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.08491872	0.50180817	6.38E-05	0.018923	0.10916
9mo_SIGAE3_	0.0448109	0.25979397	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.05556783	0.32470226	5.95E-05	0.007248	0.065685
9mo_SIGAE3_	0.01338061	0.0701407	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02350389	0.1312255	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.09388477	0.55591017	6.48E-05	0.022676	-0.0077738
9mo_SIGAE3_	0.01186542	0.06099791	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.03609444	0.20719805	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.10534758	0.6250778	6.57E-05	0.025482	-0.20623
9mo_SIGAE3_	0.0248113	0.13911454	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.0179947	0.09798255	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.0224173	0.12466889	3.52E-05	0.0043661	-0.046619
9mo_SIGAE3_	0.01359868	0.07145653	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.02449773	0.13722244	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.0160956	0.08652316	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.04645501	0.26971465	5.57E-05	0.0054037	0.028707
9mo_SIGAE3_	0.01968431	0.10817779	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02009542	0.11065845	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.04314596	0.24974756	5.33E-05	0.0049301	0.0036923
9mo_SIGAE3_	0.00925509	0.0452469	3.20E-05	0.0068348	0.4058
9mo_SIGAE3_	0.05304608	0.3094858	5.89E-05	0.0067028	0.059084
9mo_SIGAE3_	0.07254949	0.4271711	6.22E-05	0.01332	0.12548
9mo_SIGAE3_	0.02014718	0.1109708	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02020975	0.11134835	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02540491	0.14269643	3.72E-05	0.0041509	-0.092011
9mo_SIGAE3_	0.06797206	0.39955053	6.15E-05	0.011255	0.10734
9mo_SIGAE3_	0.01967797	0.10813958	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02620747	0.14753912	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.02618665	0.14741349	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.10020115	0.59402376	6.53E-05	0.024687	-0.11403
9mo_SIGAE3_	0.02608238	0.14678437	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.02931942	0.16631693	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.01447781	0.07676131	3.26E-05	0.0055188	0.18676
9mo_SIGAE3_	0.03388133	0.1938439	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.09061687	0.53619134	6.44E-05	0.021369	0.044278
9mo_SIGAE3_	0.02462605	0.13799667	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.01688909	0.0913112	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.0112643	0.05737068	3.21E-05	0.006339	0.32844

9mo_SIGAE3_	0.02033438	0.11210037	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.02765897	0.15629765	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.02517211	0.14129172	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.02442028	0.1367551	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.08393772	0.49588877	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.08544539	0.50498617	6.39E-05	0.019177	0.10916
9mo_SIGAE3_	0.01875685	0.10258139	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.11199005	0.6651591	6.61E-05	0.025489	-0.29336
9mo_SIGAE3_	0.01212871	0.06258664	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.01226186	0.06339004	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.02978211	0.16910884	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.02852194	0.16150488	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.01921203	0.10532802	3.38E-05	0.004741	0.017998
9mo_SIGAE3_	0.01962214	0.10780268	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.03193617	0.18210666	4.22E-05	0.0040866	-0.097962
9mo_SIGAE3_	0.11927929	0.709143	6.65E-05	0.024704	-0.36308
9mo_SIGAE3_	0.11700309	0.6954082	6.64E-05	0.024986	-0.34377
9mo_SIGAE3_	0.10810048	0.64168906	6.59E-05	0.025614	-0.24573
9mo_SIGAE3_	0.02491639	0.13974865	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.01506913	0.08032938	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.01731459	0.09387869	3.33E-05	0.0049935	0.085504
9mo_SIGAE3_	0.09080543	0.53732914	6.45E-05	0.021597	0.044278
9mo_SIGAE3_	0.06213734	0.36434332	6.07E-05	0.0092324	0.083692
9mo_SIGAE3_	0.03534792	0.20269345	4.59E-05	0.0042319	-0.073417
9mo_SIGAE3_	0.0726845	0.4279858	6.22E-05	0.01332	0.12548
9mo_SIGAE3_	0.03132753	0.1784341	4.16E-05	0.0040771	-0.10071
9mo_SIGAE3_	0.1022476	0.60637224	6.55E-05	0.025029	-0.15246
9mo_SIGAE3_	0.01481577	0.0788006	3.27E-05	0.0054028	0.16515
9mo_SIGAE3_	0.08289231	0.4895807	6.35E-05	0.017892	0.12434
9mo_SIGAE3_	0.01763551	0.09581514	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.01222683	0.06317867	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.08793803	0.520027	6.41E-05	0.020177	0.080939
9mo_SIGAE3_	0.06449854	0.37859103	6.10E-05	0.010005	0.093303
9mo_SIGAE3_	0.03627638	0.2082959	4.65E-05	0.0042637	-0.068307
9mo_SIGAE3_	0.09955774	0.5901414	6.53E-05	0.02442	-0.10426
9mo_SIGAE3_	0.10285297	0.6100251	6.55E-05	0.025127	-0.16182
9mo_SIGAE3_	0.02451306	0.13731495	3.64E-05	0.0042065	-0.080664
9mo_SIGAE3_	0.01982486	0.10902591	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.02709071	0.15286869	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.03882964	0.22370246	4.92E-05	0.0044639	-0.040459
9mo_SIGAE3_	0.050444	0.29378462	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.06143751	0.36012045	6.07E-05	0.0090475	0.082025
9mo_SIGAE3_	0.09718137	0.5758021	6.51E-05	0.023799	-0.065044

9mo_SIGAE3_	0.01929275	0.10581511	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.0176546	0.09593032	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.10309964	0.61151356	6.56E-05	0.025216	-0.16182
9mo_SIGAE3_	0.05738024	0.3356385	5.99E-05	0.0076952	0.071569
9mo_SIGAE3_	0.07616468	0.44898552	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.03501264	0.20067035	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.04442657	0.2574749	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.01993408	0.10968497	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.06941047	0.40822998	6.17E-05	0.01192	0.11218
9mo_SIGAE3_	0.11267915	0.6693171	6.62E-05	0.025448	-0.29951
9mo_SIGAE3_	0.03319158	0.18968195	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.01767832	0.09607345	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.09225764	0.5460919	6.46E-05	0.022042	0.019141
9mo_SIGAE3_	0.08372774	0.49462172	6.37E-05	0.01841	0.12117
9mo_SIGAE3_	0.07807437	0.46050876	6.29E-05	0.015819	0.13662
9mo_SIGAE3_	0.08387179	0.49549094	6.37E-05	0.01841	0.1176
9mo_SIGAE3_	0.1422393	0.8476859	6.74E-05	0.023584	-0.5021
9mo_SIGAE3_	0.0124336	0.06442636	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.02170769	0.12038707	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.11495325	0.6830393	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.02925027	0.16589968	4.02E-05	0.0040662	-0.10661
9mo_SIGAE3_	0.07699816	0.45401484	6.28E-05	0.015307	0.13605
9mo_SIGAE3_	0.01944606	0.10674018	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.02336073	0.13036166	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.03300171	0.18853624	4.32E-05	0.0041142	-0.091175
9mo_SIGAE3_	0.0108337	0.05477243	3.21E-05	0.0064976	0.35381
9mo_SIGAE3_	0.01166934	0.05981473	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.04517382	0.26198384	5.46E-05	0.0051531	0.021279
9mo_SIGAE3_	0.0238492	0.13330914	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.02059194	0.11365455	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.04227109	0.24446848	5.24E-05	0.0047963	-0.00654
9mo_SIGAE3_	0.01136426	0.05797383	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.05619718	0.32849982	5.97E-05	0.0073934	0.068678
9mo_SIGAE3_	0.0501415	0.29195926	5.76E-05	0.005992	0.048868
9mo_SIGAE3_	0.03922785	0.22610533	4.98E-05	0.0045122	-0.034672
9mo_SIGAE3_	0.02037791	0.11236303	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.08593007	0.5079108	6.39E-05	0.01943	0.1043
9mo_SIGAE3_	0.01353881	0.07109527	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01243386	0.06442791	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.07143053	0.42041928	6.20E-05	0.012843	0.12136
9mo_SIGAE3_	0.12768488	0.7598631	6.69E-05	0.023794	-0.4246
9mo_SIGAE3_	0.07940389	0.4685312	6.31E-05	0.016335	0.13545
9mo_SIGAE3_	0.00519105	0.02072414	3.18E-05	0.0084677	0.62647

9mo_SIGAE3_	0.05867469	0.34344935	6.02E-05	0.0081753	0.074438
9mo_SIGAE3_	0.0447175	0.25923038	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.02668021	0.15039168	3.80E-05	0.0041099	-0.099939
9mo_SIGAE3_	0.0238539	0.13333748	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.0852691	0.5039224	6.39E-05	0.019177	0.10916
9mo_SIGAE3_	0.04090022	0.23619653	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.04830116	0.28085455	5.67E-05	0.0056831	0.038361
9mo_SIGAE3_	0.01155965	0.05915284	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.0133307	0.06983951	3.24E-05	0.0057681	0.23179
9mo_SIGAE3_	0.01872685	0.10240037	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.02738878	0.15466727	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.07608062	0.4484783	6.26E-05	0.0148	0.1354
9mo_SIGAE3_	0.03300822	0.18857549	4.32E-05	0.0041142	-0.091175
9mo_SIGAE3_	0.10681522	0.63393366	6.58E-05	0.025586	-0.22263
9mo_SIGAE3_	0.04938408	0.28738895	5.73E-05	0.0058857	0.04392
9mo_SIGAE3_	0.02283414	0.12718418	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.03702062	0.21278667	4.76E-05	0.0043355	-0.057524
9mo_SIGAE3_	0.08840788	0.52286214	6.42E-05	0.020421	0.074212
9mo_SIGAE3_	0.00582592	0.02455497	3.18E-05	0.0082375	0.59807
9mo_SIGAE3_	0.02795921	0.15810934	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.02089218	0.11546619	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01758835	0.09553056	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02736242	0.15450822	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.03672074	0.21097718	4.70E-05	0.0042982	-0.062998
9mo_SIGAE3_	0.07220234	0.4250764	6.21E-05	0.01308	0.12548
9mo_SIGAE3_	0.04691393	0.27248383	5.57E-05	0.0054037	0.032113
9mo_SIGAE3_	0.04416381	0.2558894	5.42E-05	0.0050757	0.012967
9mo_SIGAE3_	0.01886124	0.10321134	3.38E-05	0.004741	0.03364
9mo_SIGAE3_	0.02089205	0.1154654	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.01127877	0.057458	3.21E-05	0.006339	0.32844
9mo_SIGAE3_	0.01155468	0.05912286	3.22E-05	0.0061869	0.30353
9mo_SIGAE3_	0.02491209	0.13972269	3.68E-05	0.0041768	-0.086782
9mo_SIGAE3_	0.01225899	0.06337272	3.23E-05	0.0060411	0.2791
9mo_SIGAE3_	0.02278232	0.12687147	3.55E-05	0.0043197	-0.056631
9mo_SIGAE3_	0.08629405	0.51010704	6.40E-05	0.019681	0.099025
9mo_SIGAE3_	0.11220862	0.666478	6.61E-05	0.025489	-0.29336
9mo_SIGAE3_	0.0214481	0.11882068	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.047825	0.27798134	5.64E-05	0.0055867	0.035328
9mo_SIGAE3_	0.02197987	0.12202944	3.49E-05	0.0044169	-0.046619
9mo_SIGAE3_	0.06895286	0.40546873	6.16E-05	0.011695	0.11218
9mo_SIGAE3_	0.01547322	0.08276767	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.0218112	0.12101162	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.03205519	0.18282485	4.27E-05	0.004099	-0.097962

9mo_SIGAE3_	0.02368723	0.13233177	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.06175352	0.3620273	6.07E-05	0.0090475	0.083692
9mo_SIGAE3_	0.01947998	0.10694487	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.04105062	0.23710409	5.14E-05	0.0046741	-0.017493
9mo_SIGAE3_	0.01584849	0.08503211	3.28E-05	0.0052924	0.12392
9mo_SIGAE3_	0.06566501	0.38562953	6.12E-05	0.01041	0.097788
9mo_SIGAE3_	0.04494365	0.26059496	5.46E-05	0.0051531	0.017239
9mo_SIGAE3_	0.0486153	0.28275007	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.07977449	0.47076747	6.32E-05	0.016594	0.13545
9mo_SIGAE3_	0.09171178	0.54279816	6.45E-05	0.021822	0.027741
9mo_SIGAE3_	0.03459331	0.19814011	4.48E-05	0.0041765	-0.082901
9mo_SIGAE3_	0.0299635	0.17020337	4.07E-05	0.0040668	-0.10597
9mo_SIGAE3_	0.00865263	0.0416116	3.19E-05	0.0071994	0.45929
9mo_SIGAE3_	0.05049959	0.29412004	5.78E-05	0.0061018	0.048868
9mo_SIGAE3_	0.02402332	0.13435979	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01646962	0.08878006	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.12416861	0.7386457	6.67E-05	0.024092	-0.40152
9mo_SIGAE3_	0.07207847	0.42432898	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.0158234	0.08488073	3.28E-05	0.0052924	0.1442
9mo_SIGAE3_	0.02711165	0.15299506	3.84E-05	0.0040947	-0.10271
9mo_SIGAE3_	0.01947526	0.10691635	3.40E-05	0.0046667	0.017998
9mo_SIGAE3_	0.03389775	0.193943	4.43E-05	0.004153	-0.087207
9mo_SIGAE3_	0.01837602	0.10028343	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.05816035	0.3403458	6.01E-05	0.0080116	0.073002
9mo_SIGAE3_	0.02118574	0.11723755	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.02386928	0.13343029	3.61E-05	0.0042401	-0.073623
9mo_SIGAE3_	0.01631369	0.08783919	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.02025081	0.11159609	3.42E-05	0.0045972	0.0032259
9mo_SIGAE3_	0.07660125	0.45161986	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.09130716	0.5403566	6.45E-05	0.021822	0.036126
9mo_SIGAE3_	0.03473716	0.19900808	4.54E-05	0.0042028	-0.078293
9mo_SIGAE3_	0.01586676	0.08514233	3.28E-05	0.0052924	0.12392
9mo_SIGAE3_	0.02317499	0.12924087	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.01621853	0.08726497	3.30E-05	0.0051875	0.12392
9mo_SIGAE3_	0.0695415	0.40902066	6.17E-05	0.01192	0.11455
9mo_SIGAE3_	0.02783382	0.1573527	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.02781384	0.1572321	3.88E-05	0.0040827	-0.10472
9mo_SIGAE3_	0.01688012	0.09125704	3.31E-05	0.0050879	0.10435
9mo_SIGAE3_	0.08071167	0.4764225	6.32E-05	0.016854	0.13314
9mo_SIGAE3_	0.1005605	0.5961921	6.53E-05	0.024687	-0.12375
9mo_SIGAE3_	0.08737376	0.5166221	6.41E-05	0.01993	0.087329
9mo_SIGAE3_	0.1068779	0.6343119	6.58E-05	0.025586	-0.22263
9mo_SIGAE3_	0.08690968	0.51382184	6.41E-05	0.01993	0.093363

9mo_SIGAE3_	0.04079626	0.23556924	5.09E-05	0.0046173	-0.017493
9mo_SIGAE3_	0.02056429	0.11348769	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.0577963	0.33814907	6.00E-05	0.0078516	0.071569
9mo_SIGAE3_	0.10832536	0.64304596	6.59E-05	0.025614	-0.24573
9mo_SIGAE3_	0.05276553	0.30779296	5.87E-05	0.0065755	0.057248
9mo_SIGAE3_	0.05693045	0.33292446	5.99E-05	0.0076952	0.070131
9mo_SIGAE3_	0.02589853	0.14567499	3.76E-05	0.0041286	-0.096385
9mo_SIGAE3_	0.07358122	0.4333967	6.23E-05	0.013805	0.12913
9mo_SIGAE3_	0.04870193	0.2832728	5.70E-05	0.0057827	0.041222
9mo_SIGAE3_	0.07216331	0.42484093	6.21E-05	0.01308	0.12348
9mo_SIGAE3_	0.03345217	0.19125433	4.37E-05	0.0041322	-0.091175
9mo_SIGAE3_	0.11128637	0.66091305	6.61E-05	0.025525	-0.28058
9mo_SIGAE3_	0.12195148	0.7252673	6.66E-05	0.02435	-0.38515
9mo_SIGAE3_	0.06054397	0.3547288	6.05E-05	0.008688	0.07887
9mo_SIGAE3_	0.02357089	0.1316298	3.58E-05	0.0042778	-0.065623
9mo_SIGAE3_	0.02146122	0.11889985	3.49E-05	0.0044169	-0.0356
9mo_SIGAE3_	0.01761783	0.09570846	3.34E-05	0.0049043	0.067421
9mo_SIGAE3_	0.02359779	0.13179207	3.58E-05	0.0042778	-0.073623
9mo_SIGAE3_	0.06807991	0.4002013	6.16E-05	0.011474	0.10734
9mo_SIGAE3_	0.0061781	0.02668007	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.0281485	0.1592515	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.00630125	0.02742316	3.18E-05	0.008015	0.56984
9mo_SIGAE3_	0.02248717	0.12509051	3.52E-05	0.0043661	-0.056631
9mo_SIGAE3_	0.11487366	0.6825591	6.63E-05	0.025242	-0.32268
9mo_SIGAE3_	0.02063531	0.11391625	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.01816129	0.09898774	3.36E-05	0.0048202	0.050123
9mo_SIGAE3_	0.07839257	0.46242884	6.29E-05	0.015819	0.13651
9mo_SIGAE3_	0.02846392	0.16115479	3.93E-05	0.004074	-0.10603
9mo_SIGAE3_	0.02127721	0.11778951	3.47E-05	0.0044724	-0.023601
9mo_SIGAE3_	0.09645739	0.57143354	6.50E-05	0.023626	-0.045608
9mo_SIGAE3_	0.04286918	0.24807745	5.29E-05	0.0048617	-0.0013165
9mo_SIGAE3_	0.0814141	0.480661	6.34E-05	0.017373	0.13148
9mo_SIGAE3_	0.01413921	0.07471818	3.25E-05	0.0056405	0.20898
9mo_SIGAE3_	0.08433946	0.49831292	6.37E-05	0.018667	0.1176
9mo_SIGAE3_	0.02038305	0.11239408	3.44E-05	0.0045325	-0.01065
9mo_SIGAE3_	0.0765866	0.4515314	6.27E-05	0.015053	0.1354
9mo_SIGAE3_	0.05043864	0.29375228	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.0362229	0.20797317	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.0073736	0.03389387	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.04143623	0.23943086	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.10238814	0.6072203	6.55E-05	0.025127	-0.15246
9mo_SIGAF3_	0.06103148	0.35767046	6.06E-05	0.008866	0.080421
9mo_SIGAF3_	0.02673468	0.15072039	3.80E-05	0.0041099	-0.099939

9mo_SIGAF3_	0.02198666	0.12207039	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.10031304	0.5946989	6.53E-05	0.024687	-0.11403
9mo_SIGAF3_	0.04218317	0.24393801	5.24E-05	0.0047963	-0.00654
9mo_SIGAF3_	0.02319723	0.12937507	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.09386324	0.55578023	6.48E-05	0.022676	-0.0077738
9mo_SIGAF3_	0.04632607	0.26893663	5.54E-05	0.0053171	0.028707
9mo_SIGAF3_	0.0580549	0.3397095	6.01E-05	0.0080116	0.073002
9mo_SIGAF3_	0.0181582	0.09896912	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.01310923	0.06850313	3.23E-05	0.0059016	0.23179
9mo_SIGAF3_	0.09464124	0.56047475	6.49E-05	0.023073	-0.017059
9mo_SIGAF3_	0.10376583	0.6155334	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.051613	0.30083844	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.09148327	0.5414193	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.13193677	0.7855194	6.71E-05	0.023582	-0.45284
9mo_SIGAF3_	0.01925678	0.10559806	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.1109907	0.6591289	6.61E-05	0.025556	-0.28058
9mo_SIGAF3_	0.01705988	0.09234174	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.07218774	0.42498833	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.04778495	0.27773967	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.06415748	0.376533	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.02827299	0.16000268	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.0500539	0.2914307	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.02229491	0.12393037	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.06531404	0.38351178	6.12E-05	0.01041	0.095509
9mo_SIGAF3_	0.02355821	0.1315533	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01371509	0.07215899	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01897296	0.10388543	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.04911389	0.28575855	5.70E-05	0.0057827	0.04392
9mo_SIGAF3_	0.11227664	0.66688836	6.61E-05	0.025489	-0.29336
9mo_SIGAF3_	0.06207006	0.36393732	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.07670452	0.45224297	6.27E-05	0.015053	0.13605
9mo_SIGAF3_	0.0669478	0.39337006	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.0190668	0.10445166	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.09808749	0.58126974	6.52E-05	0.024123	-0.074831
9mo_SIGAF3_	0.01952488	0.10721576	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.0724024	0.42628357	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.02593652	0.14590423	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.10289936	0.610305	6.55E-05	0.025127	-0.16182
9mo_SIGAF3_	0.09981711	0.5917064	6.53E-05	0.024558	-0.11403
9mo_SIGAF3_	0.02867406	0.1624228	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.01602594	0.08610287	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01192996	0.06138733	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01623978	0.0873932	3.30E-05	0.0051875	0.12392

9mo_SIGAF3_	0.02629042	0.14803968	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.03946801	0.22755447	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.02381243	0.13308728	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01605066	0.086252	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.09669279	0.57285404	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.10195889	0.6046301	6.55E-05	0.025029	-0.14299
9mo_SIGAF3_	0.00362707	0.01128692	3.18E-05	0.0092049	0.71249
9mo_SIGAF3_	0.10816688	0.6420897	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.03170571	0.18071605	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.11805906	0.7017801	6.65E-05	0.024847	-0.35363
9mo_SIGAF3_	0.02395298	0.13393533	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.04142928	0.23938894	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.06643487	0.39027494	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.01794385	0.0976757	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.10444526	0.61963314	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.09023695	0.5338989	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.02546924	0.14308462	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02180917	0.1209994	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.05208544	0.3036892	5.85E-05	0.0064518	0.055318
9mo_SIGAF3_	0.02274938	0.12667271	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.04914547	0.28594914	5.70E-05	0.0057827	0.04392
9mo_SIGAF3_	0.01388103	0.0731603	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01856019	0.10139476	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.05460827	0.31891218	5.92E-05	0.0069681	0.064127
9mo_SIGAF3_	0.08205465	0.48452613	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.07622358	0.4493409	6.26E-05	0.0148	0.1354
9mo_SIGAF3_	0.04975765	0.2896431	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.02005241	0.11039893	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02157246	0.11957105	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01517588	0.08097352	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.09360132	0.5541998	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.15251613	0.9096972	6.77E-05	0.023709	-0.52541
9mo_SIGAF3_	0.0206521	0.11401756	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.0705683	0.41521648	6.19E-05	0.012376	0.11916
9mo_SIGAF3_	0.09189068	0.5438776	6.46E-05	0.022042	0.027741
9mo_SIGAF3_	0.11704509	0.69566166	6.64E-05	0.024986	-0.34377
9mo_SIGAF3_	0.03140367	0.17889352	4.16E-05	0.0040771	-0.10071
9mo_SIGAF3_	0.05158036	0.3006415	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.01095795	0.05552212	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01902045	0.10417203	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.09658472	0.5722019	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.01121029	0.0570448	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.12072505	0.7178669	6.66E-05	0.02449	-0.37215

9mo_SIGAF3_	0.05086191	0.2963063	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.11727241	0.6970333	6.64E-05	0.024986	-0.34377
9mo_SIGAF3_	0.0327175	0.1868213	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.04049785	0.23376866	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.02235859	0.12431467	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.09720618	0.5759518	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.04865311	0.2829782	5.70E-05	0.0057827	0.041222
9mo_SIGAF3_	0.01668934	0.09010588	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.01419716	0.0750678	3.25E-05	0.0056405	0.18676
9mo_SIGAF3_	0.02042689	0.11265857	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.08643235	0.51094157	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.02487855	0.13952033	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.07908426	0.46660256	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.10320948	0.6121763	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.0299392	0.17005679	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.04961443	0.2887789	5.73E-05	0.0058857	0.046466
9mo_SIGAF3_	0.07090251	0.41723314	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.01376857	0.07248168	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01965879	0.10802381	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.11776846	0.7000265	6.64E-05	0.024917	-0.34876
9mo_SIGAF3_	0.06721202	0.39496437	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.01730748	0.09383579	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.06868752	0.40386766	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.02968272	0.16850913	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.01096075	0.05553905	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01657515	0.08941683	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.0803967	0.4745219	6.32E-05	0.016854	0.13446
9mo_SIGAF3_	0.08049145	0.4750937	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.03091896	0.17596874	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.01880475	0.10287044	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02101523	0.11620866	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.14144857	0.8429145	6.74E-05	0.023575	-0.49999
9mo_SIGAF3_	0.02376704	0.13281335	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.09343283	0.5531831	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.0141839	0.0749878	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.06963579	0.4095896	6.17E-05	0.01192	0.11455
9mo_SIGAF3_	0.02395762	0.13396336	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01958979	0.10760745	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09600832	0.56872386	6.50E-05	0.023448	-0.045608
9mo_SIGAF3_	0.10309223	0.6114688	6.56E-05	0.025216	-0.16182
9mo_SIGAF3_	0.01329985	0.06965335	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02215192	0.1230676	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.06318726	0.3706786	6.09E-05	0.0096122	0.087254

9mo_SIGAF3_	0.09429833	0.55840564	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.0793199	0.46802443	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.04451637	0.25801677	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.10185958	0.60403085	6.55E-05	0.025029	-0.14299
9mo_SIGAF3_	0.15310775	0.9132671	6.77E-05	0.02371	-0.52582
9mo_SIGAF3_	0.04970989	0.28935495	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.13159612	0.7834639	6.70E-05	0.023599	-0.44949
9mo_SIGAF3_	0.02232686	0.12412319	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.11323268	0.67265725	6.62E-05	0.025403	-0.30551
9mo_SIGAF3_	0.10808737	0.64160997	6.59E-05	0.025614	-0.23822
9mo_SIGAF3_	0.03037651	0.17269555	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.01317105	0.06887621	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.0164652	0.08875342	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.01882187	0.10297373	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01573153	0.08432639	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.10394796	0.61663234	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.01702666	0.0921413	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01546315	0.08270694	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.1129432	0.6709104	6.62E-05	0.025403	-0.29951
9mo_SIGAF3_	0.09194753	0.5442207	6.46E-05	0.022042	0.027741
9mo_SIGAF3_	0.01587201	0.08517401	3.28E-05	0.0052924	0.12392
9mo_SIGAF3_	0.04895035	0.2847718	5.70E-05	0.0057827	0.041222
9mo_SIGAF3_	0.04243414	0.24545239	5.24E-05	0.0047963	-0.0013165
9mo_SIGAF3_	0.06017734	0.35251647	6.04E-05	0.0085136	0.07887
9mo_SIGAF3_	0.10461115	0.62063414	6.57E-05	0.025429	-0.18901
9mo_SIGAF3_	0.04805252	0.2793542	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.0223448	0.12423143	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.04910497	0.28570476	5.70E-05	0.0057827	0.04392
9mo_SIGAF3_	0.03488763	0.19991602	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.10338172	0.6132156	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.02823588	0.15977874	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.0341044	0.19518998	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.01038428	0.05206057	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.06935634	0.40790337	6.17E-05	0.01192	0.11218
9mo_SIGAF3_	0.02220321	0.12337704	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01553566	0.08314447	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.03651432	0.20973165	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.02776396	0.15693116	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.08486095	0.5014596	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.0668155	0.3925717	6.13E-05	0.010826	0.10251
9mo_SIGAF3_	0.04986294	0.29027843	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.03184839	0.18157697	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.03025258	0.17194775	4.07E-05	0.0040668	-0.10475

9mo_SIGAF3_	0.0519916	0.30312294	5.85E-05	0.0064518	0.055318
9mo_SIGAF3_	0.0136217	0.07159544	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.11233942	0.6672672	6.62E-05	0.025448	-0.29336
9mo_SIGAF3_	0.01840014	0.10042903	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.07695394	0.453748	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.01766207	0.09597544	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.02228935	0.12389686	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.06746904	0.39651522	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.02690208	0.1517305	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.01887261	0.10327994	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01021582	0.05104407	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.11136351	0.66137844	6.61E-05	0.025525	-0.28058
9mo_SIGAF3_	0.02326644	0.1297927	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.10660199	0.63264704	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.01830558	0.09985843	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.03096573	0.17625089	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.03570001	0.20481803	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.02063065	0.11388813	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.11403447	0.6774953	6.63E-05	0.025299	-0.31137
9mo_SIGAF3_	0.02370655	0.13244839	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.10929511	0.6488975	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.06295888	0.36930054	6.08E-05	0.0094206	0.087254
9mo_SIGAF3_	0.10030233	0.5946343	6.53E-05	0.024687	-0.11403
9mo_SIGAF3_	0.09735413	0.5768446	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.08441941	0.49879536	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.03607835	0.20710097	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.02220891	0.12341143	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.04779106	0.2777765	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.01110431	0.05640531	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.02440645	0.13667165	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.09233306	0.546547	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.09592031	0.5681928	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.1034504	0.61363006	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.07983986	0.47116193	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.08745977	0.5171411	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.08077079	0.47677922	6.33E-05	0.017113	0.13314
9mo_SIGAF3_	0.10990309	0.6525662	6.60E-05	0.025599	-0.26716
9mo_SIGAF3_	0.01547377	0.082771	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.01838807	0.10035615	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02308708	0.12871043	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.00944921	0.04641826	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.01458525	0.07740962	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.03234612	0.1845803	4.27E-05	0.004099	-0.097962

9mo_SIGAF3_	0.03919127	0.22588459	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.14359193	0.8558477	6.75E-05	0.023613	-0.50792
9mo_SIGAF3_	0.02143066	0.11871547	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.02659347	0.14986834	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01918415	0.10515981	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.04448206	0.2578097	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.02737067	0.154558	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.03806591	0.21909405	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.00913583	0.0445273	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.04454534	0.25819156	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.01992082	0.10960494	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0399669	0.2305648	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.12782142	0.760687	6.69E-05	0.023794	-0.4246
9mo_SIGAF3_	0.02443236	0.13682799	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.05416257	0.3162228	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.02308117	0.12867475	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.14443724	0.8609484	6.75E-05	0.023623	-0.50968
9mo_SIGAF3_	0.02878615	0.16309913	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02329664	0.12997492	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.02102635	0.1162758	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02003064	0.11026759	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.07935762	0.46825206	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.08532222	0.5042429	6.39E-05	0.019177	0.10916
9mo_SIGAF3_	0.1030955	0.6114886	6.56E-05	0.025216	-0.16182
9mo_SIGAF3_	0.04449315	0.25787663	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.02089401	0.11547724	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.0133886	0.0701889	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.0514659	0.29995084	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.01460083	0.07750362	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02285829	0.1273299	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02289713	0.12756425	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.00658708	0.02914788	3.18E-05	0.0078	0.54183
9mo_SIGAF3_	0.05048581	0.2940369	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.08310016	0.49083486	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.05323144	0.31060427	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.13676623	0.8146608	6.73E-05	0.023528	-0.4775
9mo_SIGAF3_	0.06617853	0.3887282	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.02070789	0.11435416	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.04039861	0.2331698	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.04553962	0.26419112	5.50E-05	0.0052335	0.021279
9mo_SIGAF3_	0.01655108	0.08927158	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.05833432	0.34139553	6.01E-05	0.0080116	0.073002
9mo_SIGAF3_	0.0233067	0.13003562	3.58E-05	0.0042778	-0.065623

9mo_SIGAF3_	0.01109583	0.05635413	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.09545339	0.5653753	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.09924909	0.58827895	6.53E-05	0.02442	-0.094455
9mo_SIGAF3_	0.0458689	0.26617804	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.06540304	0.3840488	6.12E-05	0.01041	0.095509
9mo_SIGAF3_	0.0184764	0.10088917	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.1434144	0.85477644	6.75E-05	0.023613	-0.50606
9mo_SIGAF3_	0.03053334	0.17364186	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.04653743	0.270212	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.08250959	0.48727128	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.01289185	0.06719148	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0232235	0.12953359	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01324372	0.0693147	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.11506842	0.68373424	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.07595706	0.44773275	6.26E-05	0.0148	0.13453
9mo_SIGAF3_	0.01917253	0.10508968	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.02966687	0.16841346	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.02840495	0.16079897	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.11650126	0.6923802	6.64E-05	0.025054	-0.33868
9mo_SIGAF3_	0.12036053	0.7156673	6.66E-05	0.024561	-0.37215
9mo_SIGAF3_	0.03966795	0.22876094	4.98E-05	0.0045122	-0.028892
9mo_SIGAF3_	0.05159845	0.30075064	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.05287539	0.30845582	5.87E-05	0.0065755	0.059084
9mo_SIGAF3_	0.03226006	0.18406102	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.05518585	0.32239738	5.94E-05	0.0071062	0.065685
9mo_SIGAF3_	0.03133898	0.17850313	4.16E-05	0.0040771	-0.10071
9mo_SIGAF3_	0.04882015	0.28398615	5.70E-05	0.0057827	0.041222
9mo_SIGAF3_	0.06816415	0.4007096	6.16E-05	0.011474	0.10734
9mo_SIGAF3_	0.05926517	0.34701237	6.03E-05	0.0083426	0.075889
9mo_SIGAF3_	0.01287695	0.06710156	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.05897008	0.34523174	6.02E-05	0.0081753	0.075889
9mo_SIGAF3_	0.01263152	0.06562063	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02626945	0.14791313	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.09288028	0.549849	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.01711222	0.09265757	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.07976358	0.4707016	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.01727852	0.09366103	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.06019074	0.35259733	6.04E-05	0.0085136	0.07887
9mo_SIGAF3_	0.02568982	0.14441562	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02995832	0.17017213	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.09273833	0.54899246	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.04999513	0.29107606	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.08577663	0.5069849	6.39E-05	0.01943	0.1043

9mo_SIGAF3_	0.11090314	0.65860057	6.61E-05	0.025556	-0.28058
9mo_SIGAF3_	0.03519175	0.2017511	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.09057487	0.5359379	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.07173627	0.4222641	6.20E-05	0.012843	0.12348
9mo_SIGAF3_	0.08820143	0.52161634	6.42E-05	0.020421	0.080939
9mo_SIGAF3_	0.02551047	0.1433334	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02357129	0.13163221	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.04284502	0.24793167	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.13863717	0.82595026	6.73E-05	0.023538	-0.48824
9mo_SIGAF3_	0.02170429	0.12036653	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.10401468	0.617035	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.02829469	0.16013366	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.02466897	0.13825569	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.07975388	0.47064307	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.02421344	0.135507	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03392263	0.19409312	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01887752	0.10330956	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.08992568	0.5320206	6.44E-05	0.021137	0.05218
9mo_SIGAF3_	0.08755773	0.5177322	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.0115695	0.05921231	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.10872637	0.64546573	6.59E-05	0.025616	-0.25305
9mo_SIGAF3_	0.01438894	0.07622506	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02618789	0.14742103	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01313533	0.06866067	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.1081688	0.6421013	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.05128332	0.2988491	5.81E-05	0.006215	0.053285
9mo_SIGAF3_	0.08542471	0.5048614	6.39E-05	0.019177	0.10916
9mo_SIGAF3_	0.06585786	0.38679323	6.13E-05	0.010616	0.097788
9mo_SIGAF3_	0.03666333	0.21063079	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.0213806	0.11841334	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.08500216	0.5023117	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.0321901	0.18363889	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.11349225	0.6742235	6.62E-05	0.025353	-0.30551
9mo_SIGAF3_	0.08462655	0.5000452	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.11815764	0.7023749	6.65E-05	0.024847	-0.35363
9mo_SIGAF3_	0.04740072	0.27542114	5.61E-05	0.0054936	0.035328
9mo_SIGAF3_	0.08628272	0.5100387	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.02233137	0.1241504	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03080733	0.1752951	4.11E-05	0.0040705	-0.10299
9mo_SIGAF3_	0.14074476	0.83866763	6.74E-05	0.023566	-0.4978
9mo_SIGAF3_	0.0194854	0.10697756	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03217466	0.18354572	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.09926517	0.588376	6.53E-05	0.02442	-0.10426

9mo_SIGAF3_	0.08248238	0.48710713	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.02832697	0.16032842	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.02910835	0.16504332	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.02041846	0.11260774	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01641574	0.08845493	3.30E-05	0.0051875	0.10435
9mo_SIGAF3_	0.03403597	0.19477703	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.12434839	0.7397304	6.67E-05	0.024092	-0.40152
9mo_SIGAF3_	0.01278954	0.06657413	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.08206107	0.48456487	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.01868733	0.10216196	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.13120443	0.7811004	6.70E-05	0.023599	-0.44608
9mo_SIGAF3_	0.09524687	0.5641292	6.49E-05	0.023263	-0.026471
9mo_SIGAF3_	0.01732898	0.09396554	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01798659	0.09793359	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01908757	0.10457698	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02527687	0.14192384	3.68E-05	0.0041768	-0.092011
9mo_SIGAF3_	0.02601908	0.1464024	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02307295	0.12862518	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.01647473	0.08881091	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02699745	0.15230598	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.1199046	0.7129162	6.65E-05	0.024632	-0.36766
9mo_SIGAF3_	0.01759421	0.09556592	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.07533041	0.4439515	6.26E-05	0.014549	0.13345
9mo_SIGAF3_	0.02078098	0.11479524	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01852528	0.10118409	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.0299151	0.16991132	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.01156887	0.05920848	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.08874352	0.5248873	6.42E-05	0.020663	0.074212
9mo_SIGAF3_	0.02207249	0.1225883	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01528155	0.08161116	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.0096137	0.04741078	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.07295849	0.4296391	6.22E-05	0.01332	0.12737
9mo_SIGAF3_	0.09963907	0.59063214	6.53E-05	0.024558	-0.10426
9mo_SIGAF3_	0.03445196	0.19728716	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.1149004	0.68272036	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.1062104	0.63028413	6.58E-05	0.025526	-0.21453
9mo_SIGAF3_	0.01648521	0.08887415	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.06191674	0.36301216	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.02447673	0.13709569	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.0336497	0.19244625	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02224568	0.12363334	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.08762079	0.5181127	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.08383307	0.4952573	6.37E-05	0.01841	0.1176

9mo_SIGAF3_	0.01181198	0.06067546	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01676482	0.09056134	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.10230853	0.60673994	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.02441048	0.13669592	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.02418594	0.13534106	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.01860243	0.10164962	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.00851364	0.04077297	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.02283008	0.12715966	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.0661696	0.3886743	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.02861017	0.16203727	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.07348882	0.43283913	6.23E-05	0.013561	0.12913
9mo_SIGAF3_	0.11496458	0.6831076	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.0182497	0.0995212	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02580317	0.14509957	3.72E-05	0.0041509	-0.096385
9mo_SIGAF3_	0.10692586	0.6346013	6.58E-05	0.025586	-0.22263
9mo_SIGAF3_	0.0242656	0.13582174	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.1070567	0.6353908	6.58E-05	0.025586	-0.23052
9mo_SIGAF3_	0.01026859	0.05136245	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.08838175	0.5227044	6.42E-05	0.020421	0.074212
9mo_SIGAF3_	0.08103738	0.47838786	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.08700822	0.5144164	6.41E-05	0.01993	0.093363
9mo_SIGAF3_	0.05286587	0.3083984	5.87E-05	0.0065755	0.059084
9mo_SIGAF3_	0.07377092	0.43454134	6.23E-05	0.013805	0.12913
9mo_SIGAF3_	0.04278093	0.24754494	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.05258132	0.3066814	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.05533185	0.32327837	5.95E-05	0.007248	0.065685
9mo_SIGAF3_	0.11764885	0.69930476	6.64E-05	0.024917	-0.34876
9mo_SIGAF3_	0.02742886	0.15490915	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.01937719	0.10632461	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01892387	0.1035892	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02017639	0.11114707	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01282419	0.0667832	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0291619	0.16536644	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.03871594	0.2230164	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.0992996	0.58858377	6.53E-05	0.02442	-0.10426
9mo_SIGAF3_	0.05284716	0.30828547	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.10418131	0.6180404	6.56E-05	0.025367	-0.18011
9mo_SIGAF3_	0.04787469	0.27828118	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.04785661	0.27817205	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.04812514	0.2797924	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.03820956	0.21996088	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.02374256	0.13266562	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.03553445	0.203819	4.59E-05	0.0042319	-0.073417

9mo_SIGAF3_	0.08382185	0.49518958	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.02307224	0.12862088	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.00749977	0.03465517	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.01968807	0.10820047	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03997295	0.23060136	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.04653558	0.27020085	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.03416697	0.19556753	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.06612801	0.38842332	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.06631988	0.3895811	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.13222803	0.7872769	6.71E-05	0.023582	-0.45284
9mo_SIGAF3_	0.02375671	0.13275103	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.15616986	0.9317441	6.78E-05	0.023708	-0.527
9mo_SIGAF3_	0.06963156	0.4095641	6.17E-05	0.01192	0.11455
9mo_SIGAF3_	0.12558024	0.74716353	6.68E-05	0.023978	-0.40938
9mo_SIGAF3_	0.01041231	0.05222967	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.12606871	0.75011104	6.68E-05	0.023927	-0.41325
9mo_SIGAF3_	0.03085431	0.17557862	4.11E-05	0.0040705	-0.10299
9mo_SIGAF3_	0.14959519	0.8920719	6.76E-05	0.023695	-0.52228
9mo_SIGAF3_	0.09232929	0.5465243	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.0770249	0.4541762	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.05016938	0.29212752	5.76E-05	0.005992	0.048868
9mo_SIGAF3_	0.02608297	0.14678787	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01850921	0.10108714	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.05733875	0.33538818	5.99E-05	0.0076952	0.071569
9mo_SIGAF3_	0.01692177	0.09150839	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.04388098	0.25418273	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.0140344	0.07408574	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01324486	0.06932154	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.05562234	0.32503116	5.95E-05	0.007248	0.067199
9mo_SIGAF3_	0.03951095	0.2278136	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.10633101	0.6310119	6.58E-05	0.02556	-0.21453
9mo_SIGAF3_	0.02339693	0.13058011	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.08442453	0.4988262	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.01113399	0.05658437	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01605779	0.08629502	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01481	0.07876576	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.12434607	0.7397165	6.67E-05	0.024092	-0.40152
9mo_SIGAF3_	0.03485674	0.19972965	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.09298734	0.55049497	6.47E-05	0.022469	0.010343
9mo_SIGAF3_	0.01487057	0.07913127	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.01019136	0.05089646	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.0160692	0.08636391	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.11835121	0.7035429	6.65E-05	0.024847	-0.35363

9mo_SIGAF3_	0.00769329	0.03582288	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.02381257	0.13308808	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.09576596	0.5672614	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.06621496	0.388948	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.1044073	0.6194041	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.04802774	0.27920464	5.64E-05	0.0055867	0.038361
9mo_SIGAF3_	0.07281861	0.428795	6.22E-05	0.01332	0.12737
9mo_SIGAF3_	0.06871352	0.40402457	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.08591282	0.5078067	6.39E-05	0.01943	0.1043
9mo_SIGAF3_	0.01526713	0.08152414	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.0295183	0.16751698	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01898256	0.10394338	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.0186282	0.10180511	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.00915823	0.04466247	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.14074479	0.8386678	6.74E-05	0.023566	-0.4978
9mo_SIGAF3_	0.09344329	0.5532462	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.01734699	0.0940742	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.08759154	0.5179362	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.05668093	0.33141884	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.03057892	0.1739169	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.10022978	0.5941965	6.53E-05	0.024687	-0.11403
9mo_SIGAF3_	0.01890246	0.10346004	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.00800106	0.03768002	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.01922638	0.10541463	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.06957349	0.4092137	6.17E-05	0.01192	0.11455
9mo_SIGAF3_	0.0328551	0.18765154	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.11919575	0.70863897	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.09373316	0.55499536	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.02376715	0.13281405	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.07934283	0.46816278	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.10293551	0.61052316	6.56E-05	0.025216	-0.16182
9mo_SIGAF3_	0.02108271	0.11661585	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.020683	0.11420395	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.08674754	0.51284343	6.40E-05	0.019681	0.093363
9mo_SIGAF3_	0.07781375	0.45893615	6.29E-05	0.015562	0.13662
9mo_SIGAF3_	0.09569862	0.5668551	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.01552431	0.08307596	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.09112549	0.5392604	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.07769846	0.4582405	6.29E-05	0.015562	0.13646
9mo_SIGAF3_	0.06937604	0.40802222	6.17E-05	0.01192	0.11218
9mo_SIGAF3_	0.02730762	0.15417756	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.020405	0.1125265	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.03066943	0.174463	4.11E-05	0.0040705	-0.10475

9mo_SIGAF3_	0.0187065	0.10227761	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.09144051	0.54116124	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.026003	0.14630534	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01396404	0.07366119	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.03461776	0.19828764	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.09227597	0.5462025	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.01767048	0.09602617	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.02280624	0.12701581	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.1265052	0.7527448	6.68E-05	0.023879	-0.41707
9mo_SIGAF3_	0.04823306	0.28044358	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.12305558	0.7319295	6.67E-05	0.024217	-0.39346
9mo_SIGAF3_	0.12055391	0.7168342	6.66E-05	0.024561	-0.37215
9mo_SIGAF3_	0.01710164	0.09259373	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.07191055	0.42331573	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.02138057	0.11841317	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.03077525	0.17510158	4.11E-05	0.0040705	-0.10299
9mo_SIGAF3_	0.11437539	0.67955244	6.63E-05	0.025299	-0.3171
9mo_SIGAF3_	0.09051315	0.5355655	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.0166289	0.08974118	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.11694808	0.6950763	6.64E-05	0.024986	-0.34377
9mo_SIGAF3_	0.02221602	0.12345439	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03973405	0.22915982	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.01337275	0.07009324	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.015112	0.08058803	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02537755	0.14253137	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.06159738	0.36108515	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.01865614	0.1019737	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.05646828	0.33013564	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.02136362	0.11831094	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.11019068	0.6543015	6.60E-05	0.02558	-0.26716
9mo_SIGAF3_	0.09183788	0.5435591	6.46E-05	0.022042	0.027741
9mo_SIGAF3_	0.10818141	0.6421774	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.01661063	0.08963095	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.04531888	0.26285917	5.50E-05	0.0052335	0.021279
9mo_SIGAF3_	0.0299	0.16982022	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.06452705	0.37876302	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.05488036	0.32055402	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.11546929	0.6861532	6.63E-05	0.025182	-0.32814
9mo_SIGAF3_	0.03003945	0.17066169	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02127204	0.11775827	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02103444	0.1163246	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.00931852	0.04562964	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.09190291	0.54395145	6.46E-05	0.022042	0.027741

9mo_SIGAF3_	0.01918446	0.10516163	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.04744166	0.27566823	5.61E-05	0.0054936	0.035328
9mo_SIGAF3_	0.04289711	0.24824597	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.02014749	0.11097266	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.10437149	0.61918795	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.01717186	0.09301743	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.05869613	0.3435787	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.0282566	0.1599038	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.07997369	0.47196946	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.0943038	0.55843866	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.0200286	0.11025525	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.10442215	0.61949366	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.01817466	0.09906843	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02117574	0.11717724	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.08257937	0.48769236	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.09908918	0.58731407	6.53E-05	0.02442	-0.094455
9mo_SIGAF3_	0.03141257	0.1789472	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.1127388	0.66967714	6.62E-05	0.025448	-0.29951
9mo_SIGAF3_	0.08768105	0.5184763	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.05039416	0.29348385	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.04972098	0.28942183	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.07801107	0.46012685	6.29E-05	0.015819	0.13662
9mo_SIGAF3_	0.02118553	0.11723632	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.09797394	0.5805846	6.52E-05	0.024123	-0.074831
9mo_SIGAF3_	0.04620832	0.26822615	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.02784753	0.15743542	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.08468408	0.5003924	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.07639834	0.45039544	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.08469361	0.5004499	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.04153327	0.24001642	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.12338535	0.7339194	6.67E-05	0.024217	-0.39346
9mo_SIGAF3_	0.02376037	0.13277312	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01231291	0.06369811	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.06212275	0.36425528	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.01992276	0.10961663	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02594207	0.14593773	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.13168742	0.7840148	6.70E-05	0.023599	-0.44949
9mo_SIGAF3_	0.07096338	0.41760042	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.05441516	0.31774694	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.15829267	0.9445533	6.78E-05	0.023701	-0.52688
9mo_SIGAF3_	0.10491227	0.62245107	6.57E-05	0.025429	-0.19772
9mo_SIGAF3_	0.02153954	0.11937243	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.09489461	0.5620036	6.49E-05	0.023073	-0.026471

9mo_SIGAF3_	0.02490983	0.13970904	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.05822406	0.3407302	6.01E-05	0.0080116	0.073002
9mo_SIGAF3_	0.09735218	0.57683283	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.08970093	0.5306645	6.44E-05	0.021137	0.059815
9mo_SIGAF3_	0.03413793	0.19539231	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.02109124	0.11666731	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.10676977	0.6336594	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.03231082	0.18436731	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.0346142	0.19826615	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.01711027	0.09264582	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02507062	0.14067931	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.0176945	0.09617112	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.04776234	0.27760324	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.0185489	0.10132664	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.04629709	0.26876175	5.54E-05	0.0053171	0.028707
9mo_SIGAF3_	0.02241067	0.12462888	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01540639	0.08236443	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02173371	0.12054408	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.14284308	0.8513291	6.75E-05	0.023603	-0.50412
9mo_SIGAF3_	0.03384408	0.19361916	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02893639	0.16400571	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.08337771	0.49250963	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.0240701	0.13464203	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02513584	0.14107282	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.01382617	0.07282924	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01034458	0.05182098	3.20E-05	0.0066628	0.35381
9mo_SIGAF3_	0.01007446	0.05019107	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01796498	0.09780321	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.02212885	0.12292838	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.1068764	0.63430285	6.58E-05	0.025586	-0.22263
9mo_SIGAF3_	0.08321997	0.49155778	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.03012564	0.17118174	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02204612	0.12242916	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.10317496	0.611968	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.0181948	0.09918997	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.11321017	0.6725214	6.62E-05	0.025403	-0.30551
9mo_SIGAF3_	0.02051137	0.11316838	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.11073887	0.65760934	6.61E-05	0.025556	-0.27396
9mo_SIGAF3_	0.02929682	0.16618055	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.09180986	0.54339	6.45E-05	0.021822	0.027741
9mo_SIGAF3_	0.0530613	0.3095776	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.02032637	0.11205205	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.03086363	0.17563482	4.16E-05	0.0040771	-0.10299

9mo_SIGAF3_	0.00673313	0.03002919	3.18E-05	0.0078	0.54183
9mo_SIGAF3_	0.01106024	0.05613938	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.02056625	0.11349952	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.0356862	0.2047347	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.04309084	0.24941498	5.33E-05	0.0049301	0.0036923
9mo_SIGAF3_	0.01460082	0.07750357	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02225269	0.12367562	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.02617308	0.14733166	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01586469	0.08512983	3.28E-05	0.0052924	0.12392
9mo_SIGAF3_	0.0306066	0.1740839	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.03734848	0.21476501	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.08072858	0.4765245	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.0627946	0.36830923	6.08E-05	0.0094206	0.085432
9mo_SIGAF3_	0.03375136	0.19305967	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.09436438	0.55880415	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.10649782	0.6320185	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.01894732	0.10373075	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.07642456	0.4505537	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.07491043	0.44141725	6.25E-05	0.014299	0.13218
9mo_SIGAF3_	0.13358603	0.79547125	6.71E-05	0.023546	-0.46255
9mo_SIGAF3_	0.02710583	0.15295994	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.01405782	0.07422707	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.08762278	0.5181247	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.10634016	0.6310671	6.58E-05	0.02556	-0.21453
9mo_SIGAF3_	0.03764176	0.21653473	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.01699829	0.0919701	3.31E-05	0.0050879	0.085504
9mo_SIGAF3_	0.08055726	0.47549075	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.04258976	0.24639139	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.04615243	0.26788887	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.03222856	0.18387094	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.03039259	0.17279254	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.01937162	0.10629099	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01946552	0.10685761	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.12736857	0.7579545	6.69E-05	0.023794	-0.42086
9mo_SIGAF3_	0.02545022	0.14296986	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02514808	0.14114667	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.06626486	0.38924912	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.09781697	0.5796374	6.51E-05	0.023964	-0.074831
9mo_SIGAF3_	0.02209747	0.122739	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.06774399	0.39817435	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.01678294	0.09067068	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.09437176	0.5588487	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.11508286	0.6838214	6.63E-05	0.025242	-0.32268

9mo_SIGAF3_	0.02589419	0.1456488	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.0253442	0.14233008	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.12726232	0.7573134	6.69E-05	0.023834	-0.42086
9mo_SIGAF3_	0.03350114	0.19154985	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.02087019	0.11533349	3.44E-05	0.0045325	-0.023601
9mo_SIGAF3_	0.01952796	0.10723437	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01155139	0.05910301	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01989387	0.10944233	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02881238	0.16325742	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.04592801	0.26653472	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.03379382	0.19331588	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02199807	0.12213925	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.10000907	0.59286475	6.53E-05	0.024558	-0.11403
9mo_SIGAF3_	0.10746835	0.6378747	6.59E-05	0.025604	-0.23052
9mo_SIGAF3_	0.01341698	0.07036012	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01714079	0.09282996	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01544642	0.08260596	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.06892613	0.40530744	6.16E-05	0.011695	0.11218
9mo_SIGAF3_	0.11314423	0.6721235	6.62E-05	0.025403	-0.30551
9mo_SIGAF3_	0.01675713	0.09051495	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.10869087	0.6452515	6.59E-05	0.025616	-0.25305
9mo_SIGAF3_	0.03991664	0.23026156	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.1405482	0.83748156	6.74E-05	0.023558	-0.49553
9mo_SIGAF3_	0.02622951	0.14767212	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.06710139	0.3942968	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.11328045	0.67294544	6.62E-05	0.025403	-0.30551
9mo_SIGAF3_	0.13357975	0.7954333	6.71E-05	0.023546	-0.46255
9mo_SIGAF3_	0.08017422	0.47317943	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.01938882	0.10639478	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02236837	0.12437367	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.06304099	0.36979604	6.09E-05	0.0096122	0.087254
9mo_SIGAF3_	0.09396631	0.5564022	6.48E-05	0.022676	-0.0077738
9mo_SIGAF3_	0.06844996	0.4024342	6.16E-05	0.011474	0.10977
9mo_SIGAF3_	0.0174718	0.09482729	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.11270332	0.66946304	6.62E-05	0.025448	-0.29951
9mo_SIGAF3_	0.10388769	0.6162687	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.02460798	0.13788769	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01538686	0.08224658	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.0203395	0.11213124	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02950112	0.16741335	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.0233252	0.13014728	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01956758	0.10747344	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.07759517	0.45761725	6.29E-05	0.015562	0.13646

9mo_SIGAF3_	0.07631742	0.44990718	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.01627004	0.0875758	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.0297328	0.16881128	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.07235555	0.42600086	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.06887548	0.40500185	6.16E-05	0.011695	0.11218
9mo_SIGAF3_	0.03003936	0.17066115	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.03171686	0.1807833	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.09923408	0.5881884	6.53E-05	0.02442	-0.094455
9mo_SIGAF3_	0.04384245	0.25395024	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.01395793	0.0736243	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01194363	0.06146985	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.02918755	0.1655212	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.01579113	0.08468597	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.13944364	0.83081657	6.73E-05	0.023544	-0.49075
9mo_SIGAF3_	0.01463888	0.07773322	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.13191608	0.78539455	6.71E-05	0.023582	-0.45284
9mo_SIGAF3_	0.06533915	0.38366327	6.12E-05	0.01041	0.095509
9mo_SIGAF3_	0.01904991	0.10434975	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.08259051	0.4877596	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.06201197	0.36358678	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.09697575	0.5745614	6.51E-05	0.023799	-0.055297
9mo_SIGAF3_	0.02228463	0.1238684	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.0855617	0.505688	6.39E-05	0.019177	0.1043
9mo_SIGAF3_	0.03290829	0.18797255	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.09587196	0.5679011	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.0718139	0.42273256	6.20E-05	0.012843	0.12348
9mo_SIGAF3_	0.02712015	0.15304635	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.05005767	0.29145348	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.08765669	0.5183294	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.07213338	0.4246603	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.0159315	0.08553296	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.10721698	0.6363579	6.58E-05	0.025586	-0.23052
9mo_SIGAF3_	0.01447752	0.07675957	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.13178596	0.78460944	6.71E-05	0.023582	-0.44949
9mo_SIGAF3_	0.01058513	0.0532725	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.09099669	0.5384832	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.02377327	0.13285093	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.07572398	0.44632632	6.26E-05	0.014549	0.13453
9mo_SIGAF3_	0.04121971	0.2381244	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.10246431	0.6076799	6.55E-05	0.025127	-0.15246
9mo_SIGAF3_	0.03954632	0.22802702	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.01867826	0.10210718	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01118986	0.0569215	3.21E-05	0.006339	0.32844

9mo_SIGAF3_	0.01597118	0.08577244	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.09572617	0.5670213	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.01797929	0.09788958	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.02228628	0.12387834	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.09649362	0.5716522	6.50E-05	0.023626	-0.045608
9mo_SIGAF3_	0.08386441	0.49544644	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.05644475	0.3299937	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.03300426	0.18855162	4.32E-05	0.0041142	-0.091175
9mo_SIGAF3_	0.02790145	0.15776075	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.14026502	0.8357728	6.74E-05	0.023558	-0.49553
9mo_SIGAF3_	0.09271286	0.54883873	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.10487951	0.6222535	6.57E-05	0.025429	-0.19772
9mo_SIGAF3_	0.01548584	0.08284383	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.11083628	0.6581971	6.61E-05	0.025556	-0.27396
9mo_SIGAF3_	0.01416221	0.07485692	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01128434	0.05749162	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.0163963	0.08833764	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02185618	0.12128308	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.10406696	0.61735046	6.56E-05	0.025367	-0.18011
9mo_SIGAF3_	0.00999309	0.04970005	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.02817085	0.15938637	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.11570469	0.68757355	6.63E-05	0.025119	-0.32814
9mo_SIGAF3_	0.06752876	0.39687562	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.02121403	0.11740825	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.06420171	0.3767999	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.097797	0.5795169	6.51E-05	0.023964	-0.074831
9mo_SIGAF3_	0.09036788	0.5346889	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.01879298	0.10279943	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.0218952	0.12151852	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01840956	0.10048583	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.03497269	0.2004293	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.02729515	0.1541023	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.02360224	0.13181897	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.02784223	0.15740345	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01997984	0.10996105	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02260277	0.1257881	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01725511	0.09351981	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.0325214	0.185638	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.08593467	0.5079385	6.39E-05	0.01943	0.1043
9mo_SIGAF3_	0.0298774	0.16968384	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.01737782	0.09426022	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.06869166	0.4038926	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.01652885	0.08913745	3.31E-05	0.0050879	0.10435

9mo_SIGAF3_	0.05741153	0.33582732	5.99E-05	0.0076952	0.071569
9mo_SIGAF3_	0.01897875	0.1039204	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.13613947	0.8108789	6.72E-05	0.023527	-0.47464
9mo_SIGAF3_	0.02089017	0.11545409	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02579629	0.14505808	3.72E-05	0.0041509	-0.096385
9mo_SIGAF3_	0.0316817	0.18057115	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.02826708	0.15996702	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.09085061	0.5376017	6.45E-05	0.021597	0.044278
9mo_SIGAF3_	0.09279475	0.54933286	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.08821812	0.521717	6.42E-05	0.020421	0.074212
9mo_SIGAF3_	0.05978502	0.35014918	6.04E-05	0.0085136	0.077363
9mo_SIGAF3_	0.0898058	0.53129727	6.44E-05	0.021137	0.059815
9mo_SIGAF3_	0.09119765	0.5396958	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.01951904	0.10718051	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03004574	0.17069963	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.08055002	0.47544706	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.00856963	0.04111078	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.11057238	0.65660477	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.07126088	0.41939557	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.02320897	0.1294459	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.03137162	0.17870009	4.16E-05	0.0040771	-0.10071
9mo_SIGAF3_	0.09777577	0.5793888	6.51E-05	0.023964	-0.074831
9mo_SIGAF3_	0.1150169	0.6834234	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.0839454	0.4959351	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.02469073	0.13838702	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.07075886	0.4163663	6.19E-05	0.012376	0.11916
9mo_SIGAF3_	0.02352928	0.13137871	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.07724936	0.4555306	6.28E-05	0.015307	0.13646
9mo_SIGAF3_	0.00773811	0.03609333	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.01289341	0.06720089	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.05477667	0.31992832	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.02047567	0.11295295	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01488621	0.07922561	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.09121703	0.53981274	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.08895328	0.5261531	6.42E-05	0.020663	0.067165
9mo_SIGAF3_	0.1474386	0.8790589	6.76E-05	0.023673	-0.51834
9mo_SIGAF3_	0.03649135	0.20959303	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.02322645	0.1295514	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.02217822	0.12322629	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.09225064	0.54604965	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.03754914	0.21597585	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.01632406	0.08790176	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.09297735	0.55043465	6.47E-05	0.022469	0.010343

9mo_SIGAF3_	0.06354116	0.37281406	6.09E-05	0.0096122	0.089169
9mo_SIGAF3_	0.01463401	0.07770384	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.01350696	0.07090309	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.04917625	0.28613487	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.02663962	0.15014675	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.06339611	0.37193882	6.09E-05	0.0096122	0.089169
9mo_SIGAF3_	0.04457032	0.25834227	5.42E-05	0.0050757	0.017239
9mo_SIGAF3_	0.02003221	0.11027703	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.1079319	0.64067185	6.59E-05	0.025614	-0.23822
9mo_SIGAF3_	0.03415998	0.19552532	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.01868645	0.10215659	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02328662	0.12991445	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.1095404	0.65037763	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.08304805	0.4905204	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.04233238	0.24483833	5.24E-05	0.0047963	-0.00654
9mo_SIGAF3_	0.01621996	0.08727361	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.03219951	0.18369567	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.11719415	0.6965611	6.64E-05	0.024986	-0.34377
9mo_SIGAF3_	0.01136232	0.05796215	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01007881	0.05021733	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.03511057	0.20126128	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.02393594	0.13383251	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.05431034	0.31711447	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.0204413	0.11274551	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.13177088	0.7845184	6.71E-05	0.023582	-0.44949
9mo_SIGAF3_	0.02608419	0.14679526	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02139178	0.11848085	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.01992446	0.10962688	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01992036	0.10960211	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.09188301	0.54383135	6.46E-05	0.022042	0.027741
9mo_SIGAF3_	0.1598088	0.9537018	6.78E-05	0.023691	-0.52638
9mo_SIGAF3_	0.12284069	0.73063284	6.67E-05	0.024282	-0.38934
9mo_SIGAF3_	0.02679539	0.15108673	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01828655	0.09974361	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.03168343	0.1805816	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.0444423	0.25756976	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.08434632	0.4983543	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.01357162	0.07129328	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.03329703	0.19031823	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.02170058	0.12034416	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.14005888	0.8345289	6.74E-05	0.023558	-0.49317
9mo_SIGAF3_	0.05272705	0.3075607	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.01031972	0.05167098	3.20E-05	0.0066628	0.37961

9mo_SIGAF3_	0.02156922	0.11955154	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02346992	0.13102053	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.12367314	0.7356559	6.67E-05	0.024153	-0.39752
9mo_SIGAF3_	0.02977984	0.16909513	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.09860524	0.5843939	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.08038852	0.47447255	6.32E-05	0.016854	0.13446
9mo_SIGAF3_	0.01275913	0.06639065	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.05658341	0.33083037	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.03477369	0.19922853	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.12341074	0.73407257	6.67E-05	0.024217	-0.39346
9mo_SIGAF3_	0.0946875	0.5607539	6.49E-05	0.023073	-0.017059
9mo_SIGAF3_	0.00721661	0.03294656	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.06497394	0.38145956	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.01136916	0.05800339	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.04609809	0.26756096	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.03709849	0.2132566	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01844302	0.10068771	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.1293558	0.7699456	6.70E-05	0.023692	-0.43556
9mo_SIGAF3_	0.08411128	0.49693605	6.37E-05	0.018667	0.1176
9mo_SIGAF3_	0.03862567	0.22247168	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.02434544	0.13630347	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.08072325	0.47649235	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.02969679	0.16859405	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.01864762	0.10192233	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.02879329	0.16314223	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.11760663	0.69905007	6.64E-05	0.024917	-0.34876
9mo_SIGAF3_	0.04657851	0.2704599	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.05451168	0.31832936	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.04048992	0.2337208	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.08274595	0.4886975	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.02102219	0.11625072	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.03582475	0.20557068	4.59E-05	0.0042319	-0.068307
9mo_SIGAF3_	0.02469928	0.13843858	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.10123999	0.6002922	6.54E-05	0.024809	-0.13341
9mo_SIGAF3_	0.02917528	0.1654472	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.04492996	0.26051235	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.0212018	0.11733448	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.07519575	0.4431389	6.25E-05	0.014299	0.13345
9mo_SIGAF3_	0.02273383	0.12657887	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02965653	0.16835113	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.03522513	0.20195253	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.01142087	0.05831545	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.08259558	0.48779017	6.35E-05	0.017892	0.1271

9mo_SIGAF3_	0.02297721	0.12804747	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02106296	0.11649668	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02537487	0.14251515	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.12460037	0.74125093	6.68E-05	0.024034	-0.40152
9mo_SIGAF3_	0.04813077	0.27982637	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.12925182	0.7693182	6.70E-05	0.023692	-0.43556
9mo_SIGAF3_	0.08654026	0.5115927	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.13591847	0.80954534	6.72E-05	0.023527	-0.47464
9mo_SIGAF3_	0.0123373	0.06384528	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.02348135	0.13108948	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.1009559	0.598578	6.54E-05	0.024809	-0.13341
9mo_SIGAF3_	0.03438513	0.19688393	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.02174899	0.12063627	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01175668	0.06034173	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01612482	0.08669953	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.07472548	0.44030127	6.25E-05	0.014299	0.13218
9mo_SIGAF3_	0.01103249	0.05597189	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.03903116	0.2249185	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.08122078	0.4794945	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.02595593	0.14602129	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.030147	0.17131065	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.0873228	0.5163146	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.09719753	0.57589966	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.04105223	0.23711382	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.12820628	0.7630093	6.69E-05	0.023757	-0.4283
9mo_SIGAF3_	0.0206428	0.11396144	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.0952519	0.5641596	6.49E-05	0.023263	-0.026471
9mo_SIGAF3_	0.0275561	0.15567693	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.09451528	0.55971473	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.09335397	0.55270725	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.02080165	0.1149199	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.09245285	0.5472698	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.01984836	0.10916766	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02498178	0.14014325	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.01412168	0.07461238	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.0176176	0.09570709	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01427471	0.07553577	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.01201598	0.06190636	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01908358	0.10455291	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01182477	0.06075258	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.02747333	0.15517747	3.84E-05	0.0040947	-0.10472
9mo_SIGAF3_	0.13820629	0.82335025	6.73E-05	0.023534	-0.48567
9mo_SIGAF3_	0.02407841	0.1346922	3.61E-05	0.0042401	-0.073623

9mo_SIGAF3_	0.07724121	0.45548138	6.28E-05	0.015307	0.13646
9mo_SIGAF3_	0.01141508	0.05828047	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.14141987	0.8427413	6.74E-05	0.023575	-0.49999
9mo_SIGAF3_	0.04159514	0.2403898	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.01468577	0.07801615	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02525901	0.1418161	3.68E-05	0.0041768	-0.092011
9mo_SIGAF3_	0.01462832	0.07766948	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.04686484	0.27218762	5.57E-05	0.0054037	0.032113
9mo_SIGAF3_	0.01229984	0.06361926	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01912289	0.10479015	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.09047968	0.53536355	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.01423726	0.07530979	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.13616863	0.8110548	6.72E-05	0.023527	-0.47464
9mo_SIGAF3_	0.01761848	0.09571239	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.05247946	0.30606675	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.02575142	0.14478728	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.03072679	0.17480913	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.11834388	0.70349866	6.65E-05	0.024847	-0.35363
9mo_SIGAF3_	0.02427712	0.13589121	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.0294421	0.16705722	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.08300037	0.4902327	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.05889495	0.3447784	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.01561367	0.08361516	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.07928785	0.46783102	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.0455802	0.26443598	5.50E-05	0.0052335	0.021279
9mo_SIGAF3_	0.03739397	0.21503954	4.76E-05	0.0043355	-0.05192
9mo_SIGAF3_	0.00793021	0.03725249	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.11898791	0.7073848	6.65E-05	0.024704	-0.3584
9mo_SIGAF3_	0.0226593	0.12612918	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02488192	0.13954067	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02011987	0.11080603	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.03832463	0.22065523	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.14548485	0.86726975	6.75E-05	0.023641	-0.51294
9mo_SIGAF3_	0.02154694	0.11941707	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.05481751	0.32017478	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.13194026	0.78554046	6.71E-05	0.023582	-0.45284
9mo_SIGAF3_	0.01764911	0.09589721	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.04990991	0.29056188	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.02201348	0.12223221	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.02907833	0.1648622	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.00724266	0.03310375	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.01528591	0.08163746	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.04710724	0.27365032	5.61E-05	0.0054936	0.032113

9mo_SIGAF3_	0.09428261	0.55831075	6.48E-05	0.022877	-0.0077738
9mo_SIGAF3_	0.05265914	0.30715096	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.12168542	0.7236618	6.66E-05	0.024419	-0.38089
9mo_SIGAF3_	0.03388657	0.19387554	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.09140597	0.5409528	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.03095891	0.17620978	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.01234896	0.06391559	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.02892274	0.16392335	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.03052618	0.17359863	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.0442039	0.25613126	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.04965271	0.2890099	5.73E-05	0.0058857	0.046466
9mo_SIGAF3_	0.01753796	0.0952265	3.33E-05	0.0049935	0.067421
9mo_SIGAF3_	0.11519788	0.6845154	6.63E-05	0.025182	-0.32268
9mo_SIGAF3_	0.14234042	0.848296	6.74E-05	0.023593	-0.5021
9mo_SIGAF3_	0.07208718	0.4243815	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.10445622	0.61969924	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.01516357	0.08089922	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02315043	0.1290927	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.10203388	0.60508263	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.12352543	0.7347646	6.67E-05	0.024153	-0.39346
9mo_SIGAF3_	0.01121414	0.05706802	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.04363869	0.25272074	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.10100017	0.5988451	6.54E-05	0.024809	-0.13341
9mo_SIGAF3_	0.00618211	0.02670431	3.18E-05	0.008015	0.56984
9mo_SIGAF3_	0.01932417	0.10600468	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01321057	0.06911466	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.0374723	0.2155122	4.76E-05	0.0043355	-0.05192
9mo_SIGAF3_	0.02513857	0.14108928	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.03009333	0.17098677	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02069637	0.11428468	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01842023	0.10055023	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.08776183	0.51896375	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.03253062	0.18569365	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.0684615	0.40250385	6.16E-05	0.011474	0.10977
9mo_SIGAF3_	0.05533509	0.32329792	5.95E-05	0.007248	0.065685
9mo_SIGAF3_	0.04683105	0.27198374	5.57E-05	0.0054037	0.032113
9mo_SIGAF3_	0.03876291	0.22329983	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.01959695	0.10765066	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.08745541	0.5171148	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.08729618	0.516154	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.09520578	0.5638812	6.49E-05	0.023263	-0.026471
9mo_SIGAF3_	0.01996246	0.10985616	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0317772	0.18114741	4.22E-05	0.0040866	-0.10071

9mo_SIGAF3_	0.00935992	0.04587946	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.1120489	0.6655142	6.61E-05	0.025489	-0.29336
9mo_SIGAF3_	0.05906412	0.3457992	6.02E-05	0.0081753	0.075889
9mo_SIGAF3_	0.11246818	0.66804415	6.62E-05	0.025448	-0.29336
9mo_SIGAF3_	0.12157793	0.7230132	6.66E-05	0.024419	-0.38089
9mo_SIGAF3_	0.10117283	0.59988695	6.54E-05	0.024809	-0.13341
9mo_SIGAF3_	0.0319395	0.18212673	4.22E-05	0.0040866	-0.097962
9mo_SIGAF3_	0.12098963	0.71946335	6.66E-05	0.02449	-0.37656
9mo_SIGAF3_	0.0200397	0.11032226	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.07236854	0.42607927	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.04311768	0.24957691	5.33E-05	0.0049301	0.0036923
9mo_SIGAF3_	0.0928493	0.54966205	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.07130066	0.4196356	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.03965254	0.22866796	4.98E-05	0.0045122	-0.028892
9mo_SIGAF3_	0.02786334	0.15753081	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01187429	0.0610514	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.08687399	0.5136065	6.41E-05	0.01993	0.093363
9mo_SIGAF3_	0.08178848	0.48292005	6.34E-05	0.017373	0.12948
9mo_SIGAF3_	0.10329436	0.6126885	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.06156614	0.36089662	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.10894772	0.64680135	6.59E-05	0.025616	-0.25305
9mo_SIGAF3_	0.08642679	0.510908	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.06761587	0.3974012	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.01812147	0.09874748	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.03735954	0.2148318	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01655579	0.08930004	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.01888073	0.10332892	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.10507163	0.6234127	6.57E-05	0.025429	-0.19772
9mo_SIGAF3_	0.0142055	0.07511813	3.25E-05	0.0056405	0.18676
9mo_SIGAF3_	0.01439093	0.07623705	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02074057	0.11455134	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.0367911	0.21140176	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.02040751	0.11254163	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01347613	0.07071707	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02508255	0.14075129	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.01984925	0.10917305	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0441519	0.2558175	5.38E-05	0.0050014	0.012967
9mo_SIGAF3_	0.07206296	0.42423537	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.05536658	0.32348794	5.95E-05	0.007248	0.065685
9mo_SIGAF3_	0.07405585	0.43626067	6.23E-05	0.013805	0.13074
9mo_SIGAF3_	0.10066538	0.596825	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.00777202	0.03629796	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.00732386	0.0335937	3.19E-05	0.0075925	0.51404

9mo_SIGAF3_	0.01625606	0.08749142	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01002632	0.04990061	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.02897368	0.1642307	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.09176156	0.5430985	6.45E-05	0.021822	0.027741
9mo_SIGAF3_	0.03369101	0.19269553	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01081548	0.05466243	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.01228294	0.06351724	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01575851	0.08448913	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.01882584	0.10299768	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.03600683	0.2066694	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.02423985	0.13566636	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03277971	0.18719667	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.03887344	0.22396678	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.0366795	0.21072836	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.054557	0.31860286	5.92E-05	0.0069681	0.064127
9mo_SIGAF3_	0.01796527	0.09780495	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01747789	0.09486403	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01605975	0.08630687	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.03396575	0.19435334	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.00847088	0.04051495	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.07660899	0.45166656	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.08529397	0.5040725	6.39E-05	0.019177	0.10916
9mo_SIGAF3_	0.0877566	0.5189322	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.02291649	0.12768106	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.06058914	0.3550013	6.05E-05	0.008688	0.07887
9mo_SIGAF3_	0.02559057	0.14381674	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.08731299	0.51625544	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.01072689	0.05412789	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.09678125	0.57338774	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.05499792	0.32126337	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.02116438	0.11710868	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.05788499	0.33868423	6.00E-05	0.0078516	0.073002
9mo_SIGAF3_	0.01646135	0.08873016	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.08469333	0.50044817	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.01530493	0.08175222	3.27E-05	0.0054028	0.1442
9mo_SIGAF3_	0.0226766	0.12623358	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.04151778	0.23992297	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.09927782	0.58845234	6.53E-05	0.02442	-0.10426
9mo_SIGAF3_	0.01957202	0.10750021	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01453172	0.07708659	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.01667858	0.09004092	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.0460453	0.26724243	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.01045894	0.05251104	3.21E-05	0.0064976	0.35381

9mo_SIGAF3_	0.02276193	0.12674843	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.07448594	0.43885583	6.24E-05	0.014051	0.13218
9mo_SIGAF3_	0.05346	0.3119834	5.89E-05	0.0067028	0.060836
9mo_SIGAF3_	0.05319458	0.3103819	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.01704621	0.09225926	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.03610535	0.2072639	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.08458518	0.4997956	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.09617899	0.5697537	6.50E-05	0.023448	-0.045608
9mo_SIGAF3_	0.02102088	0.11624277	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.05337764	0.31148642	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.10146917	0.60167515	6.54E-05	0.024923	-0.14299
9mo_SIGAF3_	0.01497459	0.0797589	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02227569	0.12381443	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.07747722	0.4569055	6.29E-05	0.015562	0.13646
9mo_SIGAF3_	0.08112611	0.47892326	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.02495566	0.1399856	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.01823239	0.09941676	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.08320361	0.49145907	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.01652499	0.08911417	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.07473702	0.4403709	6.25E-05	0.014299	0.13218
9mo_SIGAF3_	0.03419092	0.19571203	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.02312662	0.128949	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01698911	0.09191469	3.31E-05	0.0050879	0.085504
9mo_SIGAF3_	0.0932045	0.5518053	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.10829694	0.6428745	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.0451396	0.26177734	5.46E-05	0.0051531	0.021279
9mo_SIGAF3_	0.07191429	0.4233383	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.07984714	0.4712058	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.01896515	0.10383833	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.07129238	0.41958562	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.01932371	0.10600187	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09715225	0.57562643	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.01969058	0.10821564	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.0326291	0.18628788	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.02214154	0.12300497	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01508181	0.08040587	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.03244605	0.18518335	4.27E-05	0.004099	-0.094772
9mo_SIGAF3_	0.06491271	0.3810901	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.04173152	0.24121271	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.12279078	0.7303317	6.67E-05	0.024282	-0.38934
9mo_SIGAF3_	0.01949698	0.10704745	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02535752	0.14241049	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.09248918	0.54748905	6.46E-05	0.022258	0.019141

9mo_SIGAF3_	0.1207144	0.71780264	6.66E-05	0.02449	-0.37215
9mo_SIGAF3_	0.03368456	0.19265662	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02835291	0.16048492	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.0442476	0.25639498	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.05454306	0.3185187	5.92E-05	0.0069681	0.064127
9mo_SIGAF3_	0.02485165	0.13935804	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.10941463	0.64961874	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.05612683	0.32807535	5.97E-05	0.0073934	0.067199
9mo_SIGAF3_	0.06904535	0.40602684	6.16E-05	0.011695	0.11218
9mo_SIGAF3_	0.10084308	0.59789723	6.54E-05	0.024809	-0.12375
9mo_SIGAF3_	0.0936037	0.5542142	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.02193291	0.12174607	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.05150269	0.30017287	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.03188244	0.18178247	4.22E-05	0.0040866	-0.097962
9mo_SIGAF3_	0.02846604	0.16116755	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.09575997	0.5672253	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.00988649	0.04905685	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.07266542	0.42787066	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.08795777	0.5201461	6.42E-05	0.020421	0.080939
9mo_SIGAF3_	0.1144753	0.6801553	6.63E-05	0.025299	-0.3171
9mo_SIGAF3_	0.12235083	0.727677	6.67E-05	0.024282	-0.38515
9mo_SIGAF3_	0.01864402	0.10190058	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.1328238	0.7908718	6.71E-05	0.023568	-0.45613
9mo_SIGAF3_	0.08041737	0.47464666	6.32E-05	0.016854	0.13446
9mo_SIGAF3_	0.01947671	0.10692514	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02217232	0.12319071	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.02841317	0.16084853	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.04120414	0.23803042	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.00921095	0.04498059	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.09581464	0.5675551	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.03662578	0.21040422	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.05547266	0.324128	5.95E-05	0.007248	0.065685
9mo_SIGAF3_	0.01752874	0.09517089	3.33E-05	0.0049935	0.067421
9mo_SIGAF3_	0.02943513	0.16701514	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.11456994	0.68072635	6.63E-05	0.025242	-0.3171
9mo_SIGAF3_	0.10684584	0.63411844	6.58E-05	0.025586	-0.22263
9mo_SIGAF3_	0.02957874	0.16788173	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.06007157	0.35187823	6.04E-05	0.0085136	0.07887
9mo_SIGAF3_	0.10942093	0.6496568	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.02312029	0.12891081	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01519696	0.0811007	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02033059	0.11207749	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.09136832	0.54072565	6.45E-05	0.021822	0.036126

9mo_SIGAF3_	0.06490324	0.38103294	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.08015312	0.47305217	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.07673705	0.45243925	6.27E-05	0.015053	0.13605
9mo_SIGAF3_	0.05845721	0.34213704	6.01E-05	0.0080116	0.074438
9mo_SIGAF3_	0.00717617	0.0327025	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.01150647	0.05883198	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01740153	0.09440327	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02648672	0.14922413	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01316784	0.06885679	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01292845	0.0674123	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0239336	0.1338184	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02183009	0.12112563	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.0658133	0.38652432	6.13E-05	0.010616	0.097788
9mo_SIGAF3_	0.10610531	0.62965	6.58E-05	0.025526	-0.21453
9mo_SIGAF3_	0.04889145	0.28441638	5.70E-05	0.0057827	0.041222
9mo_SIGAF3_	0.11594815	0.6890426	6.63E-05	0.025119	-0.33347
9mo_SIGAF3_	0.02432937	0.13620654	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.08898094	0.52632	6.42E-05	0.020663	0.067165
9mo_SIGAF3_	0.14575687	0.8689112	6.75E-05	0.02365	-0.51443
9mo_SIGAF3_	0.02359121	0.13175242	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.03402475	0.19470936	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01115539	0.05671353	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01281046	0.06670037	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.00990847	0.0491895	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01021678	0.05104983	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.10820779	0.64233655	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.0212922	0.11787995	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.03633375	0.20864207	4.65E-05	0.0042637	-0.062998
9mo_SIGAF3_	0.03425947	0.19612566	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.02616599	0.14728887	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.04615559	0.26790792	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.01220195	0.06302853	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.12501536	0.74375504	6.68E-05	0.024034	-0.40548
9mo_SIGAF3_	0.02148251	0.11902832	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.08561885	0.5060328	6.39E-05	0.019177	0.1043
9mo_SIGAF3_	0.02544275	0.14292476	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.03310739	0.18917388	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.0306522	0.17435905	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.03395169	0.19426847	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.05350888	0.3122784	5.89E-05	0.0067028	0.060836
9mo_SIGAF3_	0.06882937	0.4047236	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.01626977	0.08757412	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02061636	0.11380185	3.44E-05	0.0045325	-0.01065

9mo_SIGAF3_	0.01476111	0.07847074	3.26E-05	0.0055188	0.16515
9mo_SIGAF3_	0.05363747	0.3130543	5.91E-05	0.0068337	0.060836
9mo_SIGAF3_	0.08180185	0.48300076	6.34E-05	0.017373	0.12948
9mo_SIGAF3_	0.02368815	0.13233732	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02856646	0.16177349	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.01364994	0.07176586	3.24E-05	0.0057681	0.20898
9mo_SIGAF3_	0.08914034	0.5272818	6.43E-05	0.020902	0.067165
9mo_SIGAF3_	0.02220245	0.12337245	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.08869727	0.5246083	6.42E-05	0.020663	0.074212
9mo_SIGAF3_	0.04142991	0.23939276	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.01803162	0.09820531	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.09363672	0.5544134	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.04607744	0.2674364	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.03576325	0.20519963	4.59E-05	0.0042319	-0.068307
9mo_SIGAF3_	0.02666959	0.15032764	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.05317338	0.31025395	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.02022231	0.11142416	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02121772	0.11743055	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.03298521	0.18843669	4.32E-05	0.0041142	-0.091175
9mo_SIGAF3_	0.01614209	0.08680369	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01871078	0.10230342	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.06590551	0.38708076	6.13E-05	0.010616	0.097788
9mo_SIGAF3_	0.04107716	0.2372642	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.02282412	0.12712368	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.08264399	0.48808232	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.1575841	0.94027776	6.78E-05	0.023703	-0.52697
9mo_SIGAF3_	0.09161818	0.54223335	6.45E-05	0.021822	0.027741
9mo_SIGAF3_	0.10405728	0.617292	6.56E-05	0.025367	-0.18011
9mo_SIGAF3_	0.03329123	0.19028321	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.05106727	0.29754546	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.01127829	0.0574551	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.02096055	0.11587875	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.13994665	0.8338518	6.73E-05	0.023551	-0.49317
9mo_SIGAF3_	0.02050624	0.11313736	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02251065	0.1252322	3.52E-05	0.0043661	-0.056631
9mo_SIGAF3_	0.0797179	0.47042602	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.05767847	0.33743805	6.00E-05	0.0078516	0.071569
9mo_SIGAF3_	0.01900143	0.10405725	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02939218	0.166756	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01571549	0.08422957	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.11109981	0.6597873	6.61E-05	0.025556	-0.28058
9mo_SIGAF3_	0.02557947	0.14374973	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.04465573	0.25885767	5.42E-05	0.0050757	0.017239

9mo_SIGAF3_	0.02006881	0.11049791	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01482515	0.0788572	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.10047966	0.5957043	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.09055428	0.5358137	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.02303454	0.1283934	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.04236554	0.24503846	5.24E-05	0.0047963	-0.0013165
9mo_SIGAF3_	0.09393482	0.5562121	6.48E-05	0.022676	-0.0077738
9mo_SIGAF3_	0.04832776	0.281015	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.03260815	0.18616143	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.01555803	0.08327943	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.03410458	0.19519106	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.12436445	0.73982733	6.67E-05	0.024092	-0.40152
9mo_SIGAF3_	0.02359883	0.13179839	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.12353846	0.73484325	6.67E-05	0.024153	-0.39346
9mo_SIGAF3_	0.09940306	0.589208	6.53E-05	0.02442	-0.10426
9mo_SIGAF3_	0.01317368	0.06889204	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02124268	0.11758111	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.12530471	0.745501	6.68E-05	0.023978	-0.40938
9mo_SIGAF3_	0.09626409	0.5702672	6.50E-05	0.023626	-0.045608
9mo_SIGAF3_	0.03238438	0.18481117	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.01683113	0.09096145	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.03566541	0.20460923	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.02047521	0.11295016	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02474158	0.13869381	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.02070096	0.11431237	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.00801213	0.03774677	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.09942973	0.589369	6.53E-05	0.02442	-0.10426
9mo_SIGAF3_	0.1198421	0.7125391	6.65E-05	0.024632	-0.36766
9mo_SIGAF3_	0.08712716	0.51513416	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.0180479	0.09830357	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01294248	0.06749697	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.07140876	0.42028785	6.20E-05	0.012843	0.12136
9mo_SIGAF3_	0.10135413	0.60098094	6.54E-05	0.024923	-0.13341
9mo_SIGAF3_	0.09043635	0.53510207	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.02689362	0.15167943	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.08183473	0.48319915	6.34E-05	0.017373	0.12948
9mo_SIGAF3_	0.05563069	0.32508156	5.95E-05	0.007248	0.067199
9mo_SIGAF3_	0.03231033	0.1843644	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.0331081	0.18917821	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.02137017	0.11835041	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.01762045	0.09572429	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.05352002	0.3123456	5.89E-05	0.0067028	0.060836
9mo_SIGAF3_	0.02944565	0.16707864	4.02E-05	0.0040662	-0.10661

9mo_SIGAF3_	0.11929148	0.7092166	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.05498811	0.32120416	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.02176653	0.12074212	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.08453186	0.49947387	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.03098152	0.1763462	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.09992997	0.5923875	6.53E-05	0.024558	-0.11403
9mo_SIGAF3_	0.02278189	0.1268689	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.07832987	0.46205047	6.29E-05	0.015819	0.13651
9mo_SIGAF3_	0.09097484	0.53835136	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.07723633	0.45545197	6.28E-05	0.015307	0.13646
9mo_SIGAF3_	0.02849102	0.1613183	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.11627948	0.6910419	6.64E-05	0.025054	-0.33347
9mo_SIGAF3_	0.05052793	0.29429108	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.08414988	0.49716893	6.37E-05	0.018667	0.1176
9mo_SIGAF3_	0.06434587	0.37766978	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.01943321	0.10666265	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02788894	0.15768531	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.021796	0.12091993	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02359988	0.13180469	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.06469642	0.37978503	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.03449573	0.1975513	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.07319569	0.43107036	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.0533363	0.31123704	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.02136004	0.11828928	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.07179937	0.42264482	6.20E-05	0.012843	0.12348
9mo_SIGAF3_	0.00909269	0.04426696	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.0111894	0.05691872	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.07238886	0.42620188	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.07663404	0.45181766	6.27E-05	0.015053	0.13605
9mo_SIGAF3_	0.00977644	0.04839278	3.20E-05	0.0068348	0.37961
9mo_SIGAF3_	0.05881501	0.34429604	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.07296432	0.42967427	6.22E-05	0.01332	0.12737
9mo_SIGAF3_	0.00787471	0.03691756	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.13152929	0.7830606	6.70E-05	0.023599	-0.44949
9mo_SIGAF3_	0.04150532	0.23984781	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.11870463	0.7056755	6.65E-05	0.024776	-0.3584
9mo_SIGAF3_	0.03228005	0.18418166	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.04123572	0.23822097	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.09842978	0.58333516	6.52E-05	0.024123	-0.084641
9mo_SIGAF3_	0.02150603	0.1191702	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.0343493	0.1966677	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.02446687	0.1370362	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01310159	0.06845705	3.23E-05	0.0059016	0.23179

9mo_SIGAF3_	0.02416697	0.1352266	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.00942074	0.0462465	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.03084624	0.17552993	4.11E-05	0.0040705	-0.10299
9mo_SIGAF3_	0.03034063	0.17247903	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.00571276	0.02387217	3.18E-05	0.0082375	0.59807
9mo_SIGAF3_	0.10980167	0.65195423	6.60E-05	0.025599	-0.26716
9mo_SIGAF3_	0.0214329	0.11872893	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.06449159	0.37854907	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.06622611	0.3890153	6.13E-05	0.010616	0.10013
9mo_SIGAF3_	0.01210762	0.06245937	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.04129736	0.23859292	5.14E-05	0.0046741	-0.011944
9mo_SIGAF3_	0.00936743	0.04592481	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.01104544	0.05605006	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01676618	0.0905695	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.1390868	0.82866335	6.73E-05	0.023544	-0.49075
9mo_SIGAF3_	0.05690128	0.33274844	5.98E-05	0.0075425	0.070131
9mo_SIGAF3_	0.08642858	0.5109188	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.02150695	0.11917576	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02676824	0.15092285	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.09363252	0.55438805	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.03319956	0.18973005	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.12390066	0.7370288	6.67E-05	0.024153	-0.39752
9mo_SIGAF3_	0.11235245	0.6673459	6.62E-05	0.025448	-0.29336
9mo_SIGAF3_	0.08793416	0.5200036	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.12256535	0.7289714	6.67E-05	0.024282	-0.38934
9mo_SIGAF3_	0.03631657	0.20853837	4.65E-05	0.0042637	-0.062998
9mo_SIGAF3_	0.04077211	0.23542356	5.09E-05	0.0046173	-0.017493
9mo_SIGAF3_	0.10296295	0.61068875	6.56E-05	0.025216	-0.16182
9mo_SIGAF3_	0.09235144	0.5466579	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.02123991	0.11756442	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.11684917	0.69447947	6.64E-05	0.024986	-0.33868
9mo_SIGAF3_	0.07545096	0.44467887	6.26E-05	0.014549	0.13345
9mo_SIGAF3_	0.02245391	0.12488984	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03658897	0.21018212	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.0196144	0.10775597	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01733453	0.09399901	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.0857456	0.5067977	6.39E-05	0.01943	0.1043
9mo_SIGAF3_	0.05437804	0.31752297	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.0186562	0.10197406	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.1369198	0.81558746	6.73E-05	0.023528	-0.48029
9mo_SIGAF3_	0.0291683	0.16540511	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.0397747	0.22940508	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.11365265	0.6751914	6.62E-05	0.025353	-0.31137

9mo_SIGAF3_	0.1378722	0.82133436	6.73E-05	0.023534	-0.48301
9mo_SIGAF3_	0.06033346	0.3534585	6.05E-05	0.008688	0.07887
9mo_SIGAF3_	0.07434445	0.43800208	6.24E-05	0.014051	0.13074
9mo_SIGAF3_	0.03308528	0.18904051	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.03417071	0.19559005	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.01501157	0.07998207	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.09618626	0.5697976	6.50E-05	0.023448	-0.045608
9mo_SIGAF3_	0.0192182	0.10536522	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01926898	0.10567165	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.05761096	0.33703068	6.00E-05	0.0078516	0.071569
9mo_SIGAF3_	0.02767581	0.15639924	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.09842949	0.5833334	6.52E-05	0.024123	-0.084641
9mo_SIGAF3_	0.01938407	0.10636611	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03703885	0.2128967	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01580819	0.08478894	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.07131455	0.4197194	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.09613672	0.5694986	6.50E-05	0.023448	-0.045608
9mo_SIGAF3_	0.02699072	0.15226535	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.06027301	0.35309377	6.05E-05	0.008688	0.07887
9mo_SIGAF3_	0.01175727	0.06034529	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.02058346	0.11360337	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.04195468	0.24255925	5.24E-05	0.0047963	-0.00654
9mo_SIGAF3_	0.01788084	0.09729551	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.05887641	0.34466654	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.11276346	0.6698259	6.62E-05	0.025448	-0.29951
9mo_SIGAF3_	0.06872509	0.4040944	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.03344819	0.19123034	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.01063996	0.05360334	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.02919253	0.16555126	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.02823733	0.1597875	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.09717412	0.5757584	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.0160114	0.0860151	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.10522933	0.62436426	6.57E-05	0.025482	-0.19772
9mo_SIGAF3_	0.08496412	0.50208217	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.06129142	0.35923892	6.06E-05	0.008866	0.082025
9mo_SIGAF3_	0.05471279	0.31954286	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.0296765	0.16847159	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.14404577	0.85858625	6.75E-05	0.023623	-0.50968
9mo_SIGAF3_	0.04391292	0.25437546	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.02286072	0.12734452	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.03116634	0.17746142	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.03564588	0.20449139	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.05702394	0.33348855	5.99E-05	0.0076952	0.070131

9mo_SIGAF3_	0.10476533	0.62156445	6.57E-05	0.025429	-0.18901
9mo_SIGAF3_	0.01929283	0.10581558	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09278496	0.5492738	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.02096439	0.11590191	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.08731481	0.5162664	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.07305015	0.43019217	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.02236377	0.12434591	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.090217	0.5337785	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.01636464	0.08814662	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01277137	0.06646448	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02234285	0.12421965	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.10158324	0.60236347	6.54E-05	0.024923	-0.14299
9mo_SIGAF3_	0.00973846	0.04816364	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.01855363	0.10135517	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.15043679	0.8971502	6.77E-05	0.023699	-0.52306
9mo_SIGAF3_	0.08634198	0.51039624	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.02944681	0.16708562	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.04756793	0.2764301	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.02358297	0.13170268	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.01922159	0.10538572	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01978615	0.10879229	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02030537	0.11192533	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.05355835	0.3125769	5.89E-05	0.0067028	0.060836
9mo_SIGAF3_	0.11272104	0.66956997	6.62E-05	0.025448	-0.29951
9mo_SIGAF3_	0.01666421	0.08995425	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02487279	0.13948555	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02899594	0.16436501	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.017229	0.0933622	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01554018	0.08317176	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02380953	0.13306977	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01959863	0.10766082	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01126289	0.05736216	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.10248283	0.6077916	6.55E-05	0.025127	-0.15246
9mo_SIGAF3_	0.04608276	0.26746848	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.01807217	0.09844998	3.34E-05	0.0049043	0.050123
9mo_SIGAF3_	0.02220789	0.12340529	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.07388829	0.43524963	6.23E-05	0.013805	0.13074
9mo_SIGAF3_	0.08630913	0.51019806	6.40E-05	0.019681	0.099025
9mo_SIGAF3_	0.11202891	0.6653936	6.61E-05	0.025489	-0.29336
9mo_SIGAF3_	0.14325666	0.85382473	6.75E-05	0.023603	-0.50606
9mo_SIGAF3_	0.04019387	0.23193441	5.03E-05	0.0045634	-0.023154
9mo_SIGAF3_	0.01599666	0.08592616	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.0300812	0.1709136	4.07E-05	0.0040668	-0.10597

9mo_SIGAF3_	0.10110376	0.5994702	6.54E-05	0.024809	-0.13341
9mo_SIGAF3_	0.03617047	0.2076568	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.09968196	0.59089094	6.53E-05	0.024558	-0.10426
9mo_SIGAF3_	0.00747775	0.03452229	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.09270565	0.5487952	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.0207979	0.11489729	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.10859714	0.644686	6.59E-05	0.025616	-0.24573
9mo_SIGAF3_	0.02256036	0.12553215	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01170706	0.06004234	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.03299221	0.1884789	4.32E-05	0.0041142	-0.091175
9mo_SIGAF3_	0.09031633	0.5343778	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.07740359	0.45646122	6.28E-05	0.015307	0.13646
9mo_SIGAF3_	0.01816785	0.09902734	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.12323593	0.73301774	6.67E-05	0.024217	-0.39346
9mo_SIGAF3_	0.04014858	0.23166108	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.0655288	0.38480762	6.12E-05	0.01041	0.095509
9mo_SIGAF3_	0.09809715	0.58132803	6.52E-05	0.024123	-0.074831
9mo_SIGAF3_	0.02991751	0.1699259	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02697764	0.15218644	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.02857348	0.16181585	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.07781508	0.4589442	6.29E-05	0.015562	0.13662
9mo_SIGAF3_	0.12503225	0.7438569	6.68E-05	0.024034	-0.40548
9mo_SIGAF3_	0.01147356	0.05863337	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.0478916	0.2783832	5.64E-05	0.0055867	0.038361
9mo_SIGAF3_	0.03365887	0.19250159	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01970291	0.10829	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01860822	0.1016846	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.02633718	0.14832179	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02970706	0.168656	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.07825209	0.4615811	6.29E-05	0.015819	0.13662
9mo_SIGAF3_	0.02747132	0.15516534	3.84E-05	0.0040947	-0.10472
9mo_SIGAF3_	0.09861234	0.5844367	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.08612144	0.5090655	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.08472491	0.5006387	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.08266608	0.48821557	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.02383712	0.13323621	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01628358	0.0876575	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.05421992	0.31656882	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.11931502	0.70935863	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.02234099	0.12420844	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.02536344	0.1424462	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02586819	0.1454919	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.09087431	0.53774476	6.45E-05	0.021597	0.044278

9mo_SIGAF3_	0.08810826	0.52105415	6.42E-05	0.020421	0.080939
9mo_SIGAF3_	0.07777399	0.45869625	6.29E-05	0.015562	0.13662
9mo_SIGAF3_	0.01059042	0.05330444	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.07084256	0.41687134	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.02013428	0.11089297	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.09732686	0.57668006	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.10646445	0.6318171	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.02509839	0.14084683	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.11622749	0.6907282	6.64E-05	0.025054	-0.33347
9mo_SIGAF3_	0.10234395	0.6069537	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.01244243	0.06447961	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.02519967	0.14145796	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.06423324	0.37699017	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.12071884	0.7178294	6.66E-05	0.02449	-0.37215
9mo_SIGAF3_	0.08345833	0.49299613	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.07859966	0.46367845	6.30E-05	0.016077	0.13651
9mo_SIGAF3_	0.06058357	0.3549677	6.05E-05	0.008688	0.07887
9mo_SIGAF3_	0.01060727	0.05340612	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.14088164	0.83949363	6.74E-05	0.023566	-0.4978
9mo_SIGAF3_	0.02292381	0.12772521	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.0426801	0.24693651	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.02504531	0.14052658	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.13487127	0.8032265	6.72E-05	0.023533	-0.46872
9mo_SIGAF3_	0.02054041	0.11334356	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.07917535	0.46715218	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.01621759	0.08725928	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.0158601	0.08510215	3.28E-05	0.0052924	0.12392
9mo_SIGAF3_	0.0339094	0.19401328	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02219275	0.12331399	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01453546	0.07710916	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.11291732	0.6707543	6.62E-05	0.025403	-0.29951
9mo_SIGAF3_	0.0844857	0.49919534	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.08724088	0.51582026	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.01494686	0.07959157	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.03707606	0.21312125	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.06163568	0.3613162	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.02344582	0.13087513	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.08069906	0.47634637	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.08782306	0.51933324	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.05499568	0.32124984	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.11286064	0.6704123	6.62E-05	0.025448	-0.29951
9mo_SIGAF3_	0.11235703	0.6673735	6.62E-05	0.025448	-0.29336
9mo_SIGAF3_	0.05938605	0.34774175	6.03E-05	0.0083426	0.075889

9mo_SIGAF3_	0.11639332	0.69172883	6.64E-05	0.025054	-0.33868
9mo_SIGAF3_	0.05197506	0.30302316	5.85E-05	0.0064518	0.055318
9mo_SIGAF3_	0.02436665	0.13643149	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.0797426	0.47057506	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.07155227	0.4211538	6.20E-05	0.012843	0.12136
9mo_SIGAF3_	0.0992903	0.5885276	6.53E-05	0.02442	-0.10426
9mo_SIGAF3_	0.03777911	0.2173635	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.02458938	0.13777545	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01732676	0.09395213	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.05469375	0.319428	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.08940186	0.5288599	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.01926347	0.10563841	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.08502781	0.50246644	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.00677464	0.03027964	3.18E-05	0.0078	0.54183
9mo_SIGAF3_	0.0213608	0.1182939	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01893317	0.10364533	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.04383669	0.2539155	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.02803017	0.15853746	3.88E-05	0.0040827	-0.10603
9mo_SIGAF3_	0.02518075	0.14134383	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.03236298	0.18468207	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.04944343	0.28774706	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.02033138	0.1120823	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.07269486	0.4280483	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.01379868	0.07266334	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01365031	0.07176811	3.24E-05	0.0057681	0.20898
9mo_SIGAF3_	0.01213195	0.06260616	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.0151681	0.08092655	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.01810494	0.09864774	3.34E-05	0.0049043	0.050123
9mo_SIGAF3_	0.12189025	0.7248978	6.66E-05	0.02435	-0.38089
9mo_SIGAF3_	0.0171776	0.09305208	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02598903	0.14622109	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01918668	0.10517503	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.01661995	0.08968718	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.06169393	0.3616677	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.05101724	0.29724362	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.07258239	0.42736965	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.08212152	0.48492965	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.0298847	0.16972792	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.06213129	0.36430678	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.10824502	0.64256126	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.01949401	0.10702948	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02596014	0.14604673	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.07907721	0.46655998	6.31E-05	0.016335	0.13613

9mo_SIGAF3_	0.07968508	0.47022793	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.02376961	0.13282888	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.06462684	0.37936515	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.12098033	0.71940726	6.66E-05	0.02449	-0.37656
9mo_SIGAF3_	0.08714586	0.5152469	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.05684178	0.33238938	5.98E-05	0.0075425	0.070131
9mo_SIGAF3_	0.08935386	0.52857023	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.03163107	0.18026564	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.04916487	0.28606623	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.09638842	0.57101744	6.50E-05	0.023626	-0.045608
9mo_SIGAF3_	0.06033439	0.35346416	6.05E-05	0.008688	0.07887
9mo_SIGAF3_	0.01650182	0.08897435	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02641735	0.14880556	3.76E-05	0.0041286	-0.099939
9mo_SIGAF3_	0.08311161	0.49090397	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.04682609	0.2719538	5.57E-05	0.0054037	0.032113
9mo_SIGAF3_	0.02120368	0.11734581	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01682927	0.09095024	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.08340438	0.49267054	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.07835023	0.46217334	6.29E-05	0.015819	0.13651
9mo_SIGAF3_	0.02222063	0.12348215	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01825881	0.09957618	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.11063799	0.65700066	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.11630933	0.691222	6.64E-05	0.025054	-0.33347
9mo_SIGAF3_	0.01567225	0.08396863	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02035033	0.11219662	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01853281	0.10122954	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.06235158	0.36563602	6.07E-05	0.0092324	0.085432
9mo_SIGAF3_	0.02196668	0.12194981	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.04469404	0.25908884	5.42E-05	0.0050757	0.017239
9mo_SIGAF3_	0.0936558	0.5545285	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.08764298	0.5182466	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.03964604	0.22862875	4.98E-05	0.0045122	-0.028892
9mo_SIGAF3_	0.05706507	0.33373672	5.99E-05	0.0076952	0.070131
9mo_SIGAF3_	0.09465876	0.56058043	6.49E-05	0.023073	-0.017059
9mo_SIGAF3_	0.02069197	0.11425813	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01404822	0.07416908	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02339201	0.1305504	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.12228683	0.7272908	6.66E-05	0.02435	-0.38515
9mo_SIGAF3_	0.09188282	0.5438302	6.46E-05	0.022042	0.027741
9mo_SIGAF3_	0.01897487	0.103897	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.06866248	0.40371656	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.02856266	0.16175057	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.04577831	0.2656314	5.50E-05	0.0052335	0.025099

9mo_SIGAF3_	0.08738319	0.516679	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.0907965	0.53727525	6.45E-05	0.021597	0.044278
9mo_SIGAF3_	0.02107216	0.11655224	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.04975096	0.28960276	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.02096235	0.11588959	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01758364	0.09550218	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.07137891	0.42010775	6.20E-05	0.012843	0.12136
9mo_SIGAF3_	0.10059515	0.59640115	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.02364529	0.1320787	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.07640299	0.45042348	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.03872063	0.22304474	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.12639071	0.752054	6.68E-05	0.023879	-0.41707
9mo_SIGAF3_	0.02304017	0.12842737	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.01638258	0.08825487	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.0105736	0.05320296	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.04585848	0.26611516	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.03265926	0.18646984	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.03161242	0.18015312	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.09253387	0.5477587	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.09715567	0.57564706	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.03304532	0.18879938	4.32E-05	0.0041142	-0.091175
9mo_SIGAF3_	0.03720752	0.21391448	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.10463084	0.62075293	6.57E-05	0.025429	-0.18901
9mo_SIGAF3_	0.090602	0.53610164	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.06495046	0.38131788	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.01226024	0.06338026	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.07812578	0.46081895	6.29E-05	0.015819	0.13662
9mo_SIGAF3_	0.02713576	0.15314052	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.03347549	0.19139504	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.09998392	0.592713	6.53E-05	0.024558	-0.11403
9mo_SIGAF3_	0.01910261	0.10466775	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.11320499	0.6724902	6.62E-05	0.025403	-0.30551
9mo_SIGAF3_	0.06987485	0.41103214	6.18E-05	0.012147	0.11455
9mo_SIGAF3_	0.08831435	0.52229774	6.42E-05	0.020421	0.074212
9mo_SIGAF3_	0.05144732	0.29983875	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.02407941	0.13469826	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.04401219	0.25497445	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.01552042	0.08305249	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.0076315	0.03545005	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.0556525	0.3252132	5.95E-05	0.007248	0.067199
9mo_SIGAF3_	0.03056855	0.17385432	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.12683573	0.7547393	6.69E-05	0.023834	-0.41707
9mo_SIGAF3_	0.10031559	0.59471434	6.53E-05	0.024687	-0.11403

9mo_SIGAF3_	0.01272252	0.06616974	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.07294937	0.42958403	6.22E-05	0.01332	0.12737
9mo_SIGAF3_	0.02316409	0.1291751	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.00901369	0.04379029	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.09842276	0.5832928	6.52E-05	0.024123	-0.084641
9mo_SIGAF3_	0.12267472	0.72963136	6.67E-05	0.024282	-0.38934
9mo_SIGAF3_	0.09702959	0.57488626	6.51E-05	0.023799	-0.055297
9mo_SIGAF3_	0.01474707	0.07838604	3.26E-05	0.0055188	0.16515
9mo_SIGAF3_	0.08684606	0.5134379	6.41E-05	0.01993	0.093363
9mo_SIGAF3_	0.12026701	0.71510303	6.66E-05	0.024561	-0.37215
9mo_SIGAF3_	0.01660337	0.08958711	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.0581873	0.34050837	6.01E-05	0.0080116	0.073002
9mo_SIGAF3_	0.08861601	0.524118	6.42E-05	0.020663	0.074212
9mo_SIGAF3_	0.10683076	0.6340275	6.58E-05	0.025586	-0.22263
9mo_SIGAF3_	0.12068889	0.7176486	6.66E-05	0.02449	-0.37215
9mo_SIGAF3_	0.02661225	0.14998163	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.02531242	0.14213832	3.68E-05	0.0041768	-0.092011
9mo_SIGAF3_	0.01179245	0.06055759	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01151703	0.0588957	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.0181082	0.09866741	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02153053	0.11931805	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.08071421	0.4764378	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.02154873	0.11942786	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.1111488	0.66008294	6.61E-05	0.025556	-0.28058
9mo_SIGAF3_	0.10375803	0.6154863	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.0209699	0.11593515	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.0155697	0.08334987	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02115921	0.11707746	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02184485	0.12121472	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01863051	0.10181907	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.07514721	0.44284603	6.25E-05	0.014299	0.13345
9mo_SIGAF3_	0.06296661	0.36934718	6.08E-05	0.0094206	0.087254
9mo_SIGAF3_	0.09341127	0.553053	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.09425703	0.5581564	6.48E-05	0.022877	-0.0077738
9mo_SIGAF3_	0.0894552	0.5291817	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.10832614	0.6430507	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.10331018	0.61278397	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.03271999	0.18683632	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.02026733	0.11169575	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.0190072	0.10409202	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.09968594	0.5909149	6.53E-05	0.024558	-0.10426
9mo_SIGAF3_	0.04440132	0.25732252	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.05280821	0.30805048	5.87E-05	0.0065755	0.057248

9mo_SIGAF3_	0.0196445	0.1079376	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09256859	0.5479682	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.03415541	0.19549774	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.0689282	0.40531993	6.16E-05	0.011695	0.11218
9mo_SIGAF3_	0.07174732	0.42233077	6.20E-05	0.012843	0.12348
9mo_SIGAF3_	0.0267177	0.15061793	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01632167	0.08788733	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02451516	0.13732758	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.02950281	0.16742353	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.02811153	0.15902843	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.01782676	0.09696915	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.04785924	0.27818796	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.01168923	0.05993472	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01734618	0.09406928	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.09807407	0.5811888	6.52E-05	0.024123	-0.074831
9mo_SIGAF3_	0.01334994	0.06995564	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.08438338	0.49857795	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.01704179	0.09223257	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.09459236	0.5601798	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.03201693	0.18259394	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.05890552	0.34484223	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.0099333	0.04933928	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01783737	0.09703321	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.07701888	0.45413986	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.07267889	0.427952	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.10597025	0.628835	6.58E-05	0.025526	-0.21453
9mo_SIGAF3_	0.04519191	0.262093	5.46E-05	0.0051531	0.021279
9mo_SIGAF3_	0.02284725	0.12726331	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.06556538	0.38502836	6.12E-05	0.01041	0.097788
9mo_SIGAF3_	0.02879672	0.16316292	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.09603163	0.5688645	6.50E-05	0.023448	-0.045608
9mo_SIGAF3_	0.02463439	0.13804705	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.0195062	0.10710308	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.13709536	0.8166468	6.73E-05	0.023528	-0.48029
9mo_SIGAF3_	0.00547158	0.02241688	3.18E-05	0.0082375	0.59807
9mo_SIGAF3_	0.08274332	0.48868164	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.03504036	0.20083766	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.01199072	0.06175398	3.22E-05	0.0061869	0.2791
9mo_SIGAF3_	0.07644968	0.45070523	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.08113056	0.47895014	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.05157412	0.30060384	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.01612942	0.08672724	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02727061	0.15395421	3.84E-05	0.0040947	-0.10271

9mo_SIGAF3_	0.01425473	0.07541519	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.10172533	0.60322076	6.54E-05	0.024923	-0.14299
9mo_SIGAF3_	0.05593476	0.32691634	5.97E-05	0.0073934	0.067199
9mo_SIGAF3_	0.03824683	0.22018576	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.05009083	0.29165354	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.04339479	0.251249	5.33E-05	0.0049301	0.0036923
9mo_SIGAF3_	0.02760319	0.15596104	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.12037079	0.71572924	6.66E-05	0.024561	-0.37215
9mo_SIGAF3_	0.08873567	0.52484	6.42E-05	0.020663	0.074212
9mo_SIGAF3_	0.02415527	0.13515602	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.02588741	0.14560787	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02377707	0.13287386	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.03723945	0.21410714	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01365991	0.07182603	3.24E-05	0.0057681	0.20898
9mo_SIGAF3_	0.10703762	0.63527566	6.58E-05	0.025586	-0.23052
9mo_SIGAF3_	0.02026559	0.11168528	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.0105162	0.05285658	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.02212044	0.12287765	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.02017724	0.11115217	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01358648	0.07138293	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02003469	0.11029203	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0273803	0.15461609	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.03134221	0.17852262	4.16E-05	0.0040771	-0.10071
9mo_SIGAF3_	0.0197295	0.1084505	3.40E-05	0.0046667	0.0032259
9mo_SIGAF3_	0.06496422	0.3814009	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.02797123	0.15818188	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01380058	0.07267483	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02077916	0.11478424	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.12019909	0.7146932	6.66E-05	0.024561	-0.36766
9mo_SIGAF3_	0.01702671	0.0921416	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.08250528	0.4872453	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.02919907	0.16559075	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.02681716	0.15121809	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.02583223	0.14527489	3.72E-05	0.0041509	-0.096385
9mo_SIGAF3_	0.11930493	0.7092978	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.08900049	0.526438	6.42E-05	0.020663	0.067165
9mo_SIGAF3_	0.08963712	0.53027946	6.44E-05	0.021137	0.059815
9mo_SIGAF3_	0.01121664	0.05708307	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.08977965	0.53113943	6.44E-05	0.021137	0.059815
9mo_SIGAF3_	0.02593492	0.14589459	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.1130137	0.6713359	6.62E-05	0.025403	-0.29951
9mo_SIGAF3_	0.03223348	0.18390065	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.10650142	0.6320402	6.58E-05	0.02556	-0.22263

9mo_SIGAF3_	0.01530801	0.0817708	3.27E-05	0.0054028	0.1442
9mo_SIGAF3_	0.08660594	0.511989	6.40E-05	0.019681	0.093363
9mo_SIGAF3_	0.10066415	0.59681755	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.00705944	0.03199815	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.02154939	0.11943188	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01901429	0.10413481	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02917466	0.16544344	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.05625233	0.3288326	5.97E-05	0.0073934	0.068678
9mo_SIGAF3_	0.02715582	0.15326162	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.02593291	0.14588244	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.09261772	0.5482647	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.02660131	0.1499156	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.10736945	0.63727796	6.59E-05	0.025604	-0.23052
9mo_SIGAF3_	0.01583307	0.08493909	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.08477289	0.5009282	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.01367198	0.07189887	3.24E-05	0.0057681	0.20898
9mo_SIGAF3_	0.02106332	0.11649888	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.14903615	0.8886987	6.76E-05	0.023691	-0.52143
9mo_SIGAF3_	0.06161289	0.36117873	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.09327964	0.55225873	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.08275316	0.488741	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.03927607	0.22639628	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.04526402	0.26252812	5.46E-05	0.0051531	0.021279
9mo_SIGAF3_	0.0835356	0.49346232	6.37E-05	0.01841	0.12117
9mo_SIGAF3_	0.01430209	0.07570098	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.0765838	0.45151457	6.27E-05	0.015053	0.1354
9mo_SIGAF3_	0.08163498	0.4819938	6.34E-05	0.017373	0.12948
9mo_SIGAF3_	0.03938494	0.22705324	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.14454316	0.8615875	6.75E-05	0.023632	-0.50968
9mo_SIGAF3_	0.02046051	0.11286143	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02011893	0.11080031	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0243928	0.13658929	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03313335	0.18933058	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.08011206	0.4728044	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.03548298	0.20350847	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.01507357	0.0803562	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.05967723	0.34949875	6.03E-05	0.0083426	0.077363
9mo_SIGAF3_	0.07827319	0.4617085	6.29E-05	0.015819	0.13651
9mo_SIGAF3_	0.0618614	0.36267826	6.07E-05	0.0090475	0.083692
9mo_SIGAF3_	0.02641328	0.14878106	3.76E-05	0.0041286	-0.099939
9mo_SIGAF3_	0.1212153	0.7208251	6.66E-05	0.024419	-0.37656
9mo_SIGAF3_	0.02505882	0.14060806	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.01894242	0.10370119	3.38E-05	0.004741	0.03364

9mo_SIGAF3_	0.05797672	0.3392377	6.00E-05	0.0078516	0.073002
9mo_SIGAF3_	0.02199361	0.12211233	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03752128	0.21580775	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.01781206	0.09688047	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.06633546	0.38967514	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.10694218	0.63469976	6.58E-05	0.025586	-0.22263
9mo_SIGAF3_	0.02112714	0.11688399	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.10044818	0.5955144	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.08776918	0.5190081	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.0251031	0.14087528	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02514361	0.14111975	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.04821051	0.28030753	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.01734948	0.0940892	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01938242	0.10635613	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03727013	0.21429223	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01306883	0.0682594	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0268055	0.15114774	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.08197559	0.48404908	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.11036971	0.65538174	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.02160944	0.11979418	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.13266514	0.7899145	6.71E-05	0.023568	-0.45613
9mo_SIGAF3_	0.0747381	0.4403774	6.25E-05	0.014299	0.13218
9mo_SIGAF3_	0.02888133	0.16367348	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.06462876	0.37937674	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.01888266	0.10334059	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.0696706	0.40979964	6.18E-05	0.012147	0.11455
9mo_SIGAF3_	0.05093003	0.29671735	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.07459834	0.43953407	6.24E-05	0.014051	0.13218
9mo_SIGAF3_	0.0724986	0.42686406	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.01624288	0.0874119	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.06607169	0.3880835	6.13E-05	0.010616	0.097788
9mo_SIGAF3_	0.1016403	0.60270774	6.54E-05	0.024923	-0.14299
9mo_SIGAF3_	0.01907291	0.10448853	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01259205	0.06538244	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0255699	0.14369196	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.08930147	0.5282541	6.43E-05	0.020902	0.067165
9mo_SIGAF3_	0.0283518	0.1604782	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.10495544	0.6227116	6.57E-05	0.025429	-0.19772
9mo_SIGAF3_	0.01427333	0.07552743	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02700302	0.15233958	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.09897333	0.58661497	6.52E-05	0.024275	-0.094455
9mo_SIGAF3_	0.07440916	0.43839255	6.24E-05	0.014051	0.13218
9mo_SIGAF3_	0.01712534	0.09273674	3.33E-05	0.0049935	0.085504

9mo_SIGAF3_	0.10467929	0.62104523	6.57E-05	0.025429	-0.18901
9mo_SIGAF3_	0.01247328	0.06466577	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.08710993	0.51503015	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.07617272	0.44903404	6.26E-05	0.0148	0.1354
9mo_SIGAF3_	0.02150849	0.11918509	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01741647	0.09449344	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02475249	0.13875967	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.06709248	0.39424303	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.11801361	0.7015058	6.65E-05	0.024847	-0.34876
9mo_SIGAF3_	0.02115346	0.1170428	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.0146783	0.07797105	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.06973442	0.41018477	6.18E-05	0.012147	0.11455
9mo_SIGAF3_	0.01534867	0.08201615	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02694528	0.15199114	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.0873737	0.5166217	6.41E-05	0.01993	0.087329
9mo_SIGAF3_	0.01635487	0.08808765	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.06069135	0.35561803	6.05E-05	0.008688	0.080421
9mo_SIGAF3_	0.04049153	0.23373047	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.01757342	0.09544047	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.09406702	0.5570098	6.48E-05	0.022877	-0.0077738
9mo_SIGAF3_	0.01869346	0.10219889	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.0584285	0.34196383	6.01E-05	0.0080116	0.074438
9mo_SIGAF3_	0.08783387	0.5193985	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.02299144	0.12813331	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02096789	0.11592306	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.1379429	0.82176095	6.73E-05	0.023534	-0.48567
9mo_SIGAF3_	0.02348585	0.13111666	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01026186	0.05132185	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.12625	0.7512049	6.68E-05	0.023879	-0.41325
9mo_SIGAF3_	0.0375738	0.21612461	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.10853548	0.6443139	6.59E-05	0.025616	-0.24573
9mo_SIGAF3_	0.14539039	0.8666998	6.75E-05	0.023641	-0.51294
9mo_SIGAF3_	0.07940948	0.46856496	6.31E-05	0.016335	0.13545
9mo_SIGAF3_	0.13244478	0.7885848	6.71E-05	0.023568	-0.45613
9mo_SIGAF3_	0.02311141	0.12885727	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01742431	0.09454077	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.04760353	0.27664495	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.09114593	0.53938377	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.01522615	0.08127687	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.01978465	0.10878325	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01039279	0.05211188	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.01503226	0.08010692	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02192556	0.1217017	3.49E-05	0.0044169	-0.046619

9mo_SIGAF3_	0.02286935	0.1273966	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01879662	0.10282137	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02027915	0.11176708	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.02945929	0.16716091	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01408615	0.07439799	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02276374	0.12675932	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02763086	0.15612799	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.0101584	0.05069756	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.11391476	0.67677295	6.62E-05	0.025353	-0.31137
9mo_SIGAF3_	0.07234681	0.42594814	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.13728006	0.81776136	6.73E-05	0.02353	-0.48029
9mo_SIGAF3_	0.02988052	0.16970268	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.05027377	0.29275742	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.0173763	0.09425103	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.04951024	0.28815022	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.04759494	0.2765931	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.10225378	0.60640955	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.06460195	0.37921497	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.02110723	0.11676379	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01759836	0.09559099	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.10911683	0.6478218	6.60E-05	0.025611	-0.25305
9mo_SIGAF3_	0.09589727	0.5680537	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.09160881	0.5421768	6.45E-05	0.021822	0.027741
9mo_SIGAF3_	0.02843731	0.16099422	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.12138155	0.7218283	6.66E-05	0.024419	-0.38089
9mo_SIGAF3_	0.02084495	0.11518122	3.44E-05	0.0045325	-0.023601
9mo_SIGAF3_	0.09852966	0.5839378	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.01178539	0.06051496	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.10473939	0.6214079	6.57E-05	0.025429	-0.18901
9mo_SIGAF3_	0.07882828	0.46505797	6.30E-05	0.016077	0.13613
9mo_SIGAF3_	0.05510856	0.321931	5.94E-05	0.0071062	0.065685
9mo_SIGAF3_	0.09546958	0.565473	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.10435668	0.61909866	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.03821225	0.21997708	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.09371062	0.55485934	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.01181417	0.06068865	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.09241983	0.54707056	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.01746011	0.09475677	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.14820176	0.8836639	6.76E-05	0.02368	-0.51946
9mo_SIGAF3_	0.0915387	0.5417537	6.45E-05	0.021822	0.027741
9mo_SIGAF3_	0.02295137	0.12789156	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.1042013	0.6181611	6.56E-05	0.025367	-0.18011
9mo_SIGAF3_	0.07182769	0.4228157	6.20E-05	0.012843	0.12348

9mo_SIGAF3_	0.0100831	0.05024321	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.08211815	0.48490933	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.01794501	0.09768271	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.00776122	0.03623275	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.02120316	0.11734267	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01993551	0.10969355	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02072346	0.11444815	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02209133	0.12270196	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.12116215	0.72050434	6.66E-05	0.02449	-0.37656
9mo_SIGAF3_	0.01617781	0.08701928	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01881936	0.10295863	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01084643	0.0548492	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.01718799	0.09311474	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.11483398	0.68231964	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.02427167	0.13585837	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.02411499	0.13491291	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.11080279	0.657995	6.61E-05	0.025556	-0.27396
9mo_SIGAF3_	0.03501848	0.20070559	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.01448243	0.07678916	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.01511757	0.08062168	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.046661	0.27095768	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.04822603	0.28040114	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.02214305	0.12301407	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.10220565	0.6061191	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.01864133	0.10188439	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.01479667	0.07868531	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.01509441	0.08048193	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.08246417	0.48699722	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.07686676	0.45322195	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.13068722	0.77797955	6.70E-05	0.023618	-0.44263
9mo_SIGAF3_	0.0133459	0.06993127	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.08018471	0.4732428	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.08070604	0.4763885	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.02667749	0.15037532	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01906084	0.10441575	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.03384861	0.19364648	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01289189	0.0671917	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.09442725	0.55918354	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.03652519	0.20979725	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.00934246	0.04577411	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.0224176	0.12467069	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.09452644	0.559782	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.13294314	0.79159194	6.71E-05	0.023556	-0.45613

9mo_SIGAF3_	0.03986074	0.22992425	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.09610643	0.56931585	6.50E-05	0.023448	-0.045608
9mo_SIGAF3_	0.04114991	0.23770323	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.08438977	0.4986165	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.11489169	0.68266785	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.03072828	0.17481817	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.02789178	0.15770242	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.03652657	0.20980556	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.01595813	0.08569371	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.10392637	0.6165021	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.0121374	0.06263906	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.06419977	0.37678817	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.10751838	0.6381766	6.59E-05	0.025604	-0.23052
9mo_SIGAF3_	0.03376071	0.19311611	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01403215	0.07407214	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.0150799	0.08039438	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.09246835	0.54736334	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.03378974	0.19329125	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.06724519	0.3951645	6.14E-05	0.011039	0.10492
9mo_SIGAF3_	0.02097981	0.11599495	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02208985	0.12269301	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01326513	0.06944387	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.04318085	0.24995811	5.33E-05	0.0049301	0.0036923
9mo_SIGAF3_	0.120031	0.7136789	6.65E-05	0.024632	-0.36766
9mo_SIGAF3_	0.01916046	0.10501685	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.02408981	0.13476098	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.12990913	0.77328444	6.70E-05	0.023664	-0.43912
9mo_SIGAF3_	0.03682376	0.21159881	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.01274408	0.06629983	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0133611	0.07002295	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.08123742	0.47959492	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.02460364	0.13786149	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01564942	0.08383091	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.03271325	0.1867956	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.01940527	0.10649404	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01376108	0.07243646	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.03180991	0.1813448	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.03024696	0.17191377	4.07E-05	0.0040668	-0.10475
9mo_SIGAF3_	0.10440859	0.6194118	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.01748574	0.0949114	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.05377491	0.3138836	5.91E-05	0.0068337	0.060836
9mo_SIGAF3_	0.02683282	0.15131257	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.02295258	0.12789884	3.55E-05	0.0043197	-0.056631

9mo_SIGAF3_	0.02943696	0.16702618	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.03181851	0.18139668	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.09978152	0.5914917	6.53E-05	0.024558	-0.10426
9mo_SIGAF3_	0.01388313	0.07317295	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.06889645	0.40512836	6.16E-05	0.011695	0.11218
9mo_SIGAF3_	0.06794643	0.39939588	6.15E-05	0.011255	0.10734
9mo_SIGAF3_	0.02791856	0.15786405	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01812589	0.09877417	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.0829655	0.4900223	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.08799318	0.52035975	6.42E-05	0.020421	0.080939
9mo_SIGAF3_	0.01722014	0.09330875	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.03631285	0.20851591	4.65E-05	0.0042637	-0.062998
9mo_SIGAF3_	0.01911449	0.10473944	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01894873	0.10373925	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02569837	0.14446719	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02256428	0.1255558	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.03055785	0.17378972	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.06003995	0.35168743	6.04E-05	0.0085136	0.07887
9mo_SIGAF3_	0.0090445	0.0439762	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.12746583	0.75854135	6.69E-05	0.023794	-0.4246
9mo_SIGAF3_	0.05066876	0.2951408	5.78E-05	0.0061018	0.051138
9mo_SIGAF3_	0.11917439	0.70851004	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.08061428	0.47583485	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.03010305	0.17104545	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.13822332	0.82345307	6.73E-05	0.023534	-0.48567
9mo_SIGAF3_	0.02312831	0.12895921	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.02632675	0.1482589	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02130996	0.11798713	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01056077	0.0531255	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.10848783	0.64402634	6.59E-05	0.025616	-0.24573
9mo_SIGAF3_	0.05643904	0.32995924	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.06021051	0.35271662	6.04E-05	0.0085136	0.07887
9mo_SIGAF3_	0.0107904	0.05451115	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.06203019	0.36369672	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.07571188	0.44625333	6.26E-05	0.014549	0.13453
9mo_SIGAF3_	0.08705083	0.51467353	6.41E-05	0.01993	0.093363
9mo_SIGAF3_	0.01638377	0.08826201	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.00826022	0.0392438	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.01355469	0.0711911	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.11050814	0.6562171	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.09712886	0.5754853	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.02411317	0.13490191	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02068155	0.11419526	3.44E-05	0.0045325	-0.01065

9mo_SIGAF3_	0.00792394	0.03721464	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.0216886	0.12027187	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.10189078	0.60421914	6.55E-05	0.025029	-0.14299
9mo_SIGAF3_	0.07122374	0.41917145	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.03575366	0.20514174	4.59E-05	0.0042319	-0.068307
9mo_SIGAF3_	0.06974538	0.41025087	6.18E-05	0.012147	0.11455
9mo_SIGAF3_	0.04025837	0.2323236	5.03E-05	0.0045634	-0.023154
9mo_SIGAF3_	0.03684099	0.2117028	4.70E-05	0.0042982	-0.057524
9mo_SIGAF3_	0.11032023	0.65508324	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.03301467	0.18861443	4.32E-05	0.0041142	-0.091175
9mo_SIGAF3_	0.01887339	0.10328464	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.08924373	0.52790564	6.43E-05	0.020902	0.067165
9mo_SIGAF3_	0.05355144	0.31253517	5.89E-05	0.0067028	0.060836
9mo_SIGAF3_	0.01040119	0.0521626	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.08127977	0.47985044	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.02263946	0.12600946	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01890633	0.10348342	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02014179	0.11093827	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.08212633	0.4849587	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.02420767	0.13547213	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01900851	0.10409996	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02824565	0.15983772	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.02545286	0.14298575	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.06385362	0.3746995	6.10E-05	0.0098069	0.089169
9mo_SIGAF3_	0.02987988	0.16969882	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.06581191	0.38651597	6.13E-05	0.010616	0.097788
9mo_SIGAF3_	0.0611016	0.35809353	6.06E-05	0.008866	0.080421
9mo_SIGAF3_	0.1327047	0.7901532	6.71E-05	0.023568	-0.45613
9mo_SIGAF3_	0.10061619	0.5965282	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.04509581	0.26151314	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.08042698	0.47470462	6.32E-05	0.016854	0.13446
9mo_SIGAF3_	0.02770325	0.15656482	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01657229	0.08939959	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.04364725	0.25277236	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.08198993	0.48413563	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.03474782	0.19907242	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.05452952	0.318437	5.92E-05	0.0069681	0.064127
9mo_SIGAF3_	0.14733928	0.87845963	6.76E-05	0.023673	-0.51834
9mo_SIGAF3_	0.01572094	0.08426248	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.08318804	0.4913651	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.01476402	0.07848831	3.26E-05	0.0055188	0.16515
9mo_SIGAF3_	0.01386523	0.07306495	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.06189618	0.3628881	6.07E-05	0.0092324	0.083692

9mo_SIGAF3_	0.02268404	0.12627846	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.09962758	0.59056276	6.53E-05	0.024558	-0.10426
9mo_SIGAF3_	0.02039805	0.1124846	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.13564505	0.8078955	6.72E-05	0.023527	-0.47171
9mo_SIGAF3_	0.01358762	0.07138981	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.130361	0.7760111	6.70E-05	0.02364	-0.44263
9mo_SIGAF3_	0.01052389	0.05290297	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.01118111	0.05686872	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.05331441	0.31110495	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.09560038	0.5662623	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.06181169	0.3623783	6.07E-05	0.0090475	0.083692
9mo_SIGAF3_	0.06662051	0.39139515	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.08473295	0.50068724	6.38E-05	0.018923	0.1136
9mo_SIGAF3_	0.11430567	0.67913175	6.63E-05	0.025299	-0.3171
9mo_SIGAF3_	0.06404874	0.37587684	6.10E-05	0.0098069	0.091185
9mo_SIGAF3_	0.0259924	0.14624141	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.05549702	0.324275	5.95E-05	0.007248	0.065685
9mo_SIGAF3_	0.01644837	0.08865184	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.08287888	0.48949963	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.0194173	0.1065666	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.0281712	0.15938847	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.01884391	0.10310672	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02818982	0.15950084	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.03489209	0.19994298	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.0179562	0.09775023	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.05284695	0.30828425	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.01822404	0.09936639	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.05157103	0.30058524	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.05355131	0.31253442	5.89E-05	0.0067028	0.060836
9mo_SIGAF3_	0.01538779	0.08225218	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.04711076	0.27367154	5.61E-05	0.0054936	0.032113
9mo_SIGAF3_	0.04189299	0.24218705	5.19E-05	0.0047337	-0.00654
9mo_SIGAF3_	0.02017726	0.11115231	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02513874	0.14109036	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02347094	0.13102666	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.015171	0.08094408	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.01437993	0.0761707	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.11377861	0.6759514	6.62E-05	0.025353	-0.31137
9mo_SIGAF3_	0.0080233	0.0378142	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.0272191	0.15364338	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.10209326	0.605441	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.01313505	0.06865893	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01835505	0.10015692	3.36E-05	0.0048202	0.050123

9mo_SIGAF3_	0.09463431	0.560433	6.49E-05	0.023073	-0.017059
9mo_SIGAF3_	0.01324286	0.06930947	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.08858835	0.52395105	6.42E-05	0.020663	0.074212
9mo_SIGAF3_	0.0636064	0.37320772	6.10E-05	0.0098069	0.089169
9mo_SIGAF3_	0.02488821	0.13957864	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.03228374	0.18420392	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.03389023	0.1938976	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01838909	0.10036233	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.0171444	0.09285171	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01952434	0.10721251	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.07997388	0.4719706	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.01115444	0.05670777	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.11525936	0.6848864	6.63E-05	0.025182	-0.32268
9mo_SIGAF3_	0.00717044	0.03266797	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.06420704	0.37683207	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.02657365	0.1497487	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.10258587	0.6084134	6.55E-05	0.025127	-0.16182
9mo_SIGAF3_	0.04195849	0.24258225	5.24E-05	0.0047963	-0.00654
9mo_SIGAF3_	0.04899744	0.2850559	5.70E-05	0.0057827	0.04392
9mo_SIGAF3_	0.04667216	0.271025	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.04937814	0.28735313	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.02237091	0.12438899	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03270334	0.18673581	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.00892935	0.04328136	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.0403916	0.2331275	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.08389761	0.49564672	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.01552538	0.08308244	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.04484848	0.26002073	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.07206596	0.42425346	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.01222155	0.06314684	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01636878	0.08817157	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02218949	0.12329425	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.07683467	0.45302832	6.27E-05	0.015053	0.13605
9mo_SIGAF3_	0.03523921	0.20203747	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.00897847	0.04357777	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.02725442	0.15385653	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.0722952	0.42563677	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.02203915	0.12238712	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.02818845	0.15949258	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.02933725	0.16642454	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01925883	0.10561042	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.10976658	0.65174246	6.60E-05	0.025599	-0.26716
9mo_SIGAF3_	0.05057894	0.29459888	5.78E-05	0.0061018	0.048868

9mo_SIGAF3_	0.06911162	0.4064267	6.17E-05	0.01192	0.11218
9mo_SIGAF3_	0.02931156	0.1662695	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.0234147	0.13068731	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.11240757	0.6676785	6.62E-05	0.025448	-0.29336
9mo_SIGAF3_	0.06791199	0.39918804	6.15E-05	0.011255	0.10734
9mo_SIGAF3_	0.11515984	0.6842859	6.63E-05	0.025182	-0.32268
9mo_SIGAF3_	0.01608543	0.08646183	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01334431	0.06992167	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02908767	0.16491853	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.06778713	0.3984346	6.15E-05	0.011255	0.10734
9mo_SIGAF3_	0.02781964	0.15726714	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.04895952	0.28482708	5.70E-05	0.0057827	0.041222
9mo_SIGAF3_	0.07319307	0.43105453	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.02282803	0.12714732	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.09692636	0.5742634	6.51E-05	0.023799	-0.055297
9mo_SIGAF3_	0.033755	0.19308165	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02691491	0.15180793	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.02614823	0.14718167	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.12186643	0.72475404	6.66E-05	0.02435	-0.38089
9mo_SIGAF3_	0.08621616	0.50963706	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.07885857	0.46524072	6.30E-05	0.016077	0.13613
9mo_SIGAF3_	0.02198955	0.12208786	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03884159	0.22377463	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.01745295	0.09471355	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.08101953	0.47828013	6.33E-05	0.017113	0.13314
9mo_SIGAF3_	0.04283363	0.24786292	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.0217857	0.12085775	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02401229	0.13429321	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.03432595	0.1965268	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.01095372	0.05549663	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.10384847	0.616032	6.56E-05	0.025296	-0.18011
9mo_SIGAF3_	0.05077045	0.29575443	5.78E-05	0.0061018	0.051138
9mo_SIGAF3_	0.12216302	0.7265437	6.66E-05	0.02435	-0.38515
9mo_SIGAF3_	0.09709176	0.5752614	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.06781545	0.39860553	6.15E-05	0.011255	0.10734
9mo_SIGAF3_	0.01619451	0.08712002	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.00778986	0.03640557	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.10811566	0.6417806	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.06937297	0.40800372	6.17E-05	0.01192	0.11218
9mo_SIGAF3_	0.12272324	0.72992414	6.67E-05	0.024282	-0.38934
9mo_SIGAF3_	0.00454272	0.01681208	3.18E-05	0.0087056	0.65503
9mo_SIGAF3_	0.01871436	0.10232502	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.12217851	0.7266372	6.66E-05	0.02435	-0.38515

9mo_SIGAF3_	0.01999287	0.11003966	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.03718141	0.2137569	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.10650747	0.6320767	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.09439149	0.5589677	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.0947897	0.56137055	6.49E-05	0.023073	-0.017059
9mo_SIGAF3_	0.0828457	0.4892994	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.06079807	0.35626203	6.06E-05	0.008866	0.080421
9mo_SIGAF3_	0.05787909	0.33864862	6.00E-05	0.0078516	0.073002
9mo_SIGAF3_	0.02378782	0.13293876	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.00969471	0.04789964	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.02803814	0.15858555	3.88E-05	0.0040827	-0.10603
9mo_SIGAF3_	0.03515671	0.20153971	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.02505152	0.14056407	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.08980405	0.5312867	6.44E-05	0.021137	0.059815
9mo_SIGAF3_	0.01914792	0.10494114	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.07976593	0.47071582	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.01593228	0.08553769	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.03251846	0.18562026	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.03838904	0.22104384	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.03488321	0.19988938	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.03078873	0.17518288	4.11E-05	0.0040705	-0.10299
9mo_SIGAF3_	0.09528305	0.5643475	6.49E-05	0.023263	-0.026471
9mo_SIGAF3_	0.02252003	0.12528881	3.52E-05	0.0043661	-0.056631
9mo_SIGAF3_	0.0664731	0.39050567	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.02179725	0.12092744	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.05749186	0.33631203	6.00E-05	0.0078516	0.071569
9mo_SIGAF3_	0.03104297	0.17671697	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.02786247	0.15752558	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01840216	0.10044121	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02891346	0.16386732	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.11949679	0.7104554	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.0121176	0.06251957	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.03701756	0.21276823	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.1134771	0.67413205	6.62E-05	0.025353	-0.30551
9mo_SIGAF3_	0.02055753	0.11344689	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01975793	0.10862202	3.40E-05	0.0046667	0.0032259
9mo_SIGAF3_	0.07849425	0.46304238	6.29E-05	0.015819	0.13651
9mo_SIGAF3_	0.06287627	0.36880207	6.08E-05	0.0094206	0.087254
9mo_SIGAF3_	0.00841721	0.04019111	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.06437717	0.3778586	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.01407661	0.07434042	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02394841	0.1339078	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02593537	0.14589725	3.76E-05	0.0041286	-0.096385

9mo_SIGAF3_	0.01033848	0.05178423	3.20E-05	0.0066628	0.35381
9mo_SIGAF3_	0.03874548	0.22319467	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.02194831	0.12183899	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.0196529	0.10798827	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09591595	0.5681665	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.02199077	0.12209518	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01331754	0.06976009	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.00621624	0.02691021	3.18E-05	0.008015	0.56984
9mo_SIGAF3_	0.03059333	0.17400385	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.07454348	0.43920305	6.24E-05	0.014051	0.13218
9mo_SIGAF3_	0.02433072	0.13621467	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.08804316	0.52066135	6.42E-05	0.020421	0.080939
9mo_SIGAF3_	0.02339065	0.13054219	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.03126652	0.17806594	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.06173469	0.36191365	6.07E-05	0.0090475	0.083692
9mo_SIGAF3_	0.02126591	0.11772132	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01723337	0.09338859	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.05276161	0.3077693	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.03250202	0.18552104	4.27E-05	0.004099	-0.094772
9mo_SIGAF3_	0.0132592	0.06940811	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.11224449	0.6666944	6.61E-05	0.025489	-0.29336
9mo_SIGAF3_	0.01931913	0.10597424	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09117783	0.53957623	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.01233044	0.06380386	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01042034	0.05227816	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.03484351	0.19964983	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.11260083	0.6688446	6.62E-05	0.025448	-0.29951
9mo_SIGAF3_	0.02905876	0.16474406	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.0824123	0.48668426	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.08938221	0.5287413	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.07158304	0.42133948	6.20E-05	0.012843	0.12136
9mo_SIGAF3_	0.0355555	0.20394605	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.02427119	0.13585545	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03536141	0.2027749	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.07349944	0.43290323	6.23E-05	0.013561	0.12913
9mo_SIGAF3_	0.02683312	0.15131436	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.0730734	0.43033242	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.02433215	0.13622329	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.07250081	0.4268774	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.020069	0.11049905	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0970679	0.57511747	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.08287437	0.48947245	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.0099799	0.04962049	3.20E-05	0.0066628	0.37961

9mo_SIGAF3_	0.05106504	0.29753202	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.08293551	0.48984134	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.01618132	0.08704045	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.08308883	0.4907665	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.02529274	0.14201957	3.68E-05	0.0041768	-0.092011
9mo_SIGAF3_	0.06461777	0.37931043	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.02213397	0.12295929	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.09046289	0.53526217	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.02005792	0.11043218	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.07367418	0.43395764	6.23E-05	0.013805	0.12913
9mo_SIGAF3_	0.01615446	0.08687833	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02665412	0.15023424	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.02098485	0.11602539	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02277051	0.12680021	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02358752	0.13173014	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.03105839	0.17681006	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.06941906	0.40828183	6.17E-05	0.01192	0.11218
9mo_SIGAF3_	0.01740358	0.09441567	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.08591766	0.50783587	6.39E-05	0.01943	0.1043
9mo_SIGAF3_	0.07708165	0.45451862	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.10318	0.61199844	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.01358421	0.07136924	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.07758283	0.45754278	6.29E-05	0.015562	0.13646
9mo_SIGAF3_	0.04962393	0.2888362	5.73E-05	0.0058857	0.046466
9mo_SIGAF3_	0.09305568	0.5509074	6.47E-05	0.022469	0.010343
9mo_SIGAF3_	0.05506311	0.32165673	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.05048415	0.29402685	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.01355613	0.07119978	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02878242	0.16307667	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02023523	0.11150208	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.05181122	0.30203453	5.83E-05	0.0063316	0.055318
9mo_SIGAF3_	0.08272313	0.4885598	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.01365635	0.07180455	3.24E-05	0.0057681	0.20898
9mo_SIGAF3_	0.01414183	0.07473396	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02271491	0.1264647	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.06418777	0.37671575	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.07351439	0.4329934	6.23E-05	0.013561	0.12913
9mo_SIGAF3_	0.09436899	0.558832	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.0246503	0.13814303	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01448387	0.07679787	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.03360781	0.1921935	4.37E-05	0.0041322	-0.087207
9mo_SIGAF3_	0.03446431	0.19736168	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.09991898	0.5923211	6.53E-05	0.024558	-0.11403

9mo_SIGAF3_	0.02185416	0.12127084	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.0253402	0.14230597	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.01374512	0.07234018	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.09038777	0.53480893	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.00688509	0.03094613	3.18E-05	0.0078	0.54183
9mo_SIGAF3_	0.03951752	0.22785324	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.02612466	0.14703947	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.09493221	0.5622305	6.49E-05	0.023073	-0.026471
9mo_SIGAF3_	0.07398015	0.43580386	6.23E-05	0.013805	0.13074
9mo_SIGAF3_	0.04655324	0.2703074	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.04811096	0.2797068	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.03195741	0.18223482	4.22E-05	0.0040866	-0.097962
9mo_SIGAF3_	0.03730965	0.21453074	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.0260588	0.14664203	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01192213	0.0613401	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.05130722	0.29899335	5.81E-05	0.006215	0.053285
9mo_SIGAF3_	0.07683973	0.45305884	6.27E-05	0.015053	0.13605
9mo_SIGAF3_	0.01398645	0.07379637	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02414695	0.1351058	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.03708736	0.21318941	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01748684	0.09491807	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.05125175	0.29865864	5.81E-05	0.006215	0.053285
9mo_SIGAF3_	0.10511953	0.62370175	6.57E-05	0.025429	-0.19772
9mo_SIGAF3_	0.02281944	0.12709548	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.08828013	0.5220912	6.42E-05	0.020421	0.074212
9mo_SIGAF3_	0.06065131	0.35537645	6.05E-05	0.008688	0.080421
9mo_SIGAF3_	0.05044044	0.2937631	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.05272067	0.30752224	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.01886754	0.10324932	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.00931043	0.04558082	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.00820418	0.03890562	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.0129761	0.06769982	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02915558	0.16532831	3.97E-05	0.0040686	-0.10661
9mo_SIGAF3_	0.0366733	0.21069096	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.0203213	0.11202142	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.10592997	0.628592	6.58E-05	0.025526	-0.21453
9mo_SIGAF3_	0.04814681	0.27992314	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.02321379	0.12947503	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.06664041	0.39151523	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.01068302	0.05386317	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.01266247	0.06580739	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0260569	0.14663061	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.03225734	0.18404463	4.27E-05	0.004099	-0.097962

9mo_SIGAF3_	0.06404279	0.37584096	6.10E-05	0.0098069	0.091185
9mo_SIGAF3_	0.08516127	0.50327176	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.03059835	0.17403413	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.01891958	0.10356338	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01606874	0.08636114	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02263522	0.12598388	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.03241062	0.18496953	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.03012501	0.17117794	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02145363	0.11885405	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02397766	0.13408425	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.08331795	0.49214903	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.08325605	0.4917755	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.0950445	0.56290805	6.49E-05	0.023073	-0.026471
9mo_SIGAF3_	0.01832604	0.0999819	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.01638792	0.08828705	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.08447177	0.49911126	6.37E-05	0.018667	0.1136
9mo_SIGAF3_	0.06857984	0.4032179	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.02373488	0.13261934	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02519251	0.14141478	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02557487	0.14372197	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.04483988	0.25996882	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.08403428	0.4964714	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.01559866	0.08352458	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02195449	0.12187626	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.01073595	0.0541826	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.11604287	0.6896142	6.63E-05	0.025119	-0.33347
9mo_SIGAF3_	0.08568738	0.5064463	6.39E-05	0.019177	0.1043
9mo_SIGAF3_	0.12256218	0.7289523	6.67E-05	0.024282	-0.38934
9mo_SIGAF3_	0.02171121	0.12040829	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.14207853	0.84671575	6.74E-05	0.023584	-0.5021
9mo_SIGAF3_	0.03801221	0.21877007	4.81E-05	0.0043756	-0.04622
9mo_SIGAF3_	0.09158665	0.5420431	6.45E-05	0.021822	0.027741
9mo_SIGAF3_	0.07705889	0.4543813	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.03448959	0.1975142	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.01828307	0.09972256	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02398788	0.13414593	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.08351518	0.49333915	6.37E-05	0.01841	0.12117
9mo_SIGAF3_	0.02921671	0.16569719	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.00778945	0.0364031	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.05016352	0.29209214	5.76E-05	0.005992	0.048868
9mo_SIGAF3_	0.03363561	0.19236124	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.03265515	0.18644507	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.1039094	0.6163997	6.56E-05	0.025296	-0.18011

9mo_SIGAF3_	0.02373035	0.13259198	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01881022	0.10290346	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01320461	0.06907868	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.11209731	0.6658063	6.61E-05	0.025489	-0.29336
9mo_SIGAF3_	0.01285456	0.06696648	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.03151545	0.17956796	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.02345066	0.13090427	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.06739624	0.39607596	6.14E-05	0.011039	0.10492
9mo_SIGAF3_	0.02951618	0.1675042	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01318093	0.06893579	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.11957414	0.7109222	6.65E-05	0.024632	-0.36308
9mo_SIGAF3_	0.08142374	0.48071918	6.34E-05	0.017373	0.13148
9mo_SIGAF3_	0.07626963	0.4496188	6.26E-05	0.0148	0.1354
9mo_SIGAF3_	0.07856984	0.46349847	6.30E-05	0.016077	0.13651
9mo_SIGAF3_	0.0119721	0.0616416	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01392608	0.0734321	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02110199	0.11673221	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02085386	0.11523496	3.44E-05	0.0045325	-0.023601
9mo_SIGAF3_	0.09211191	0.54521257	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.01785172	0.09711978	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.04687089	0.27222413	5.57E-05	0.0054037	0.032113
9mo_SIGAF3_	0.05111792	0.2978511	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.09020435	0.5337022	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.07076615	0.41641033	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.01744976	0.0946943	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.00815055	0.03858205	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.0227774	0.1268418	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.09441475	0.5591081	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.03362825	0.19231682	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02924028	0.16583939	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.05139569	0.29952717	5.83E-05	0.0063316	0.053285
9mo_SIGAF3_	0.09991856	0.5923186	6.53E-05	0.024558	-0.11403
9mo_SIGAF3_	0.01645776	0.08870853	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.05234599	0.3052614	5.85E-05	0.0064518	0.057248
9mo_SIGAF3_	0.07136732	0.42003784	6.20E-05	0.012843	0.12136
9mo_SIGAF3_	0.01513971	0.08075524	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.10178065	0.60355467	6.54E-05	0.024923	-0.14299
9mo_SIGAF3_	0.01310973	0.06850619	3.23E-05	0.0059016	0.23179
9mo_SIGAF3_	0.06223446	0.36492935	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.03345936	0.19129774	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.09452754	0.5597887	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.06772669	0.39806992	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.01371372	0.07215069	3.25E-05	0.0056405	0.20898

9mo_SIGAF3_	0.0241876	0.13535109	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.03649288	0.20960225	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.02780838	0.15719922	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.0189832	0.10394722	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02197297	0.12198781	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.02026111	0.11165824	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.0985471	0.5840431	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.08286528	0.48941758	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.02421365	0.13550824	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01323517	0.06926309	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.09858217	0.5842547	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.04420647	0.25614676	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.07544269	0.444629	6.26E-05	0.014549	0.13345
9mo_SIGAF3_	0.04455589	0.25825518	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.04504654	0.26121584	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.01560898	0.08358686	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.01937529	0.10631315	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03198234	0.18238528	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.02407312	0.13466027	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.08196725	0.48399878	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.02309546	0.12876098	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01842935	0.10060526	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.01060858	0.05341398	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.06481121	0.38047764	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.08212807	0.48496917	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.03772386	0.21703011	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.01670836	0.09022066	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.01216224	0.06278896	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.0205933	0.11366271	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.07958037	0.4695961	6.31E-05	0.016335	0.13545
9mo_SIGAF3_	0.03307308	0.18896687	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.06141458	0.3599821	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.08063751	0.47597498	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.01656253	0.08934066	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.01894691	0.10372824	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.11010632	0.6537925	6.60E-05	0.025599	-0.26716
9mo_SIGAF3_	0.02872864	0.16275214	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.10347677	0.61378914	6.56E-05	0.025296	-0.17104
9mo_SIGAF3_	0.03118976	0.17760274	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.01607772	0.08641528	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02475697	0.13878669	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.02277285	0.12681435	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01602506	0.08609753	3.30E-05	0.0051875	0.12392

9mo_SIGAF3_	0.0529756	0.30906054	5.87E-05	0.0065755	0.059084
9mo_SIGAF3_	0.03167309	0.18051918	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.03567683	0.20467815	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.01896164	0.10381716	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01181704	0.06070598	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.02592689	0.14584613	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02263046	0.12595518	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.07194337	0.42351377	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.02785193	0.15746199	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01343279	0.07045557	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01812182	0.09874957	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02371728	0.1325131	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.13125783	0.7814227	6.70E-05	0.023599	-0.44608
9mo_SIGAF3_	0.03883851	0.22375602	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.02677982	0.15099278	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.02359398	0.1317691	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.02565731	0.14421944	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.04229519	0.24461393	5.24E-05	0.0047963	-0.00654
9mo_SIGAF3_	0.0248025	0.13906144	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02894904	0.16408205	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02256653	0.12556939	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.05889624	0.3447862	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.00976761	0.04833949	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.01412212	0.07461503	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.11163013	0.6629873	6.61E-05	0.025525	-0.28705
9mo_SIGAF3_	0.08085365	0.4772792	6.33E-05	0.017113	0.13314
9mo_SIGAF3_	0.07761867	0.45775902	6.29E-05	0.015562	0.13646
9mo_SIGAF3_	0.12224364	0.72703016	6.66E-05	0.02435	-0.38515
9mo_SIGAF3_	0.09343938	0.5532226	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.09884188	0.5858218	6.52E-05	0.024275	-0.094455
9mo_SIGAF3_	0.02044383	0.11276078	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.04543499	0.2635598	5.50E-05	0.0052335	0.021279
9mo_SIGAF3_	0.02043288	0.11269473	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02175597	0.1206784	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01524853	0.08141189	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.12884948	0.7668904	6.69E-05	0.023723	-0.43195
9mo_SIGAF3_	0.01455062	0.07720064	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.02305383	0.12850982	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.02431529	0.13612157	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.00998972	0.04967972	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01211062	0.06247744	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.0862012	0.50954676	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.02319197	0.12934335	3.58E-05	0.0042778	-0.065623

9mo_SIGAF3_	0.02637158	0.14852938	3.76E-05	0.0041286	-0.099939
9mo_SIGAF3_	0.08383903	0.49529326	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.11866869	0.7054586	6.65E-05	0.024776	-0.3584
9mo_SIGAF3_	0.02270693	0.12641655	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01707403	0.09242714	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02299585	0.12815993	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.09024991	0.5339771	6.44E-05	0.021369	0.05218
9mo_SIGAF3_	0.03140518	0.17890263	4.16E-05	0.0040771	-0.10071
9mo_SIGAF3_	0.04354235	0.2521394	5.33E-05	0.0049301	0.008455
9mo_SIGAF3_	0.05360078	0.3128329	5.91E-05	0.0068337	0.060836
9mo_SIGAF3_	0.01116145	0.05675005	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.04008883	0.23130055	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.02387592	0.13347036	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.0958193	0.5675833	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.02089319	0.11547227	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01353439	0.07106862	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.03935712	0.22688532	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.03018975	0.17156857	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.01663014	0.08974866	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02707943	0.15280062	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.10268978	0.6090404	6.55E-05	0.025127	-0.16182
9mo_SIGAF3_	0.04953798	0.28831756	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.0219938	0.12211346	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.06194082	0.36315745	6.07E-05	0.0092324	0.083692
9mo_SIGAF3_	0.03653295	0.20984405	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.01556007	0.08329175	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.1041263	0.61770844	6.56E-05	0.025367	-0.18011
9mo_SIGAF3_	0.0432661	0.25047252	5.33E-05	0.0049301	0.0036923
9mo_SIGAF3_	0.01749368	0.09495936	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01616309	0.08693045	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.09560306	0.5662785	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.06261417	0.36722055	6.08E-05	0.0094206	0.085432
9mo_SIGAF3_	0.01155615	0.05913173	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.10932495	0.6490776	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.02449278	0.13719255	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.02065832	0.11405508	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.07905802	0.46644422	6.30E-05	0.016077	0.13613
9mo_SIGAF3_	0.07445392	0.43866265	6.24E-05	0.014051	0.13218
9mo_SIGAF3_	0.10685404	0.6341679	6.58E-05	0.025586	-0.22263
9mo_SIGAF3_	0.03771248	0.21696144	4.81E-05	0.0043756	-0.05192
9mo_SIGAF3_	0.01929033	0.10580048	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.08173388	0.48259062	6.34E-05	0.017373	0.12948
9mo_SIGAF3_	0.09880698	0.5856112	6.52E-05	0.024275	-0.094455

9mo_SIGAF3_	0.02434272	0.13628708	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.04377645	0.25355196	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.01648087	0.08884796	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02383266	0.13320932	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.03601113	0.20669535	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.02001942	0.11019988	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02861679	0.16207722	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.02352281	0.13133964	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.06339841	0.37195268	6.09E-05	0.0096122	0.089169
9mo_SIGAF3_	0.08742524	0.5169327	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.07444807	0.43862736	6.24E-05	0.014051	0.13218
9mo_SIGAF3_	0.03215423	0.18342246	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.04619828	0.26816556	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.05889554	0.344782	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.02971368	0.16869597	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.01313117	0.06863555	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01691893	0.09149122	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02157412	0.1195811	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02411448	0.13490988	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.07988554	0.4714375	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.06648234	0.39056137	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.03811784	0.21940741	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.01098399	0.05567927	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.02471201	0.1385154	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.0941001	0.55720943	6.48E-05	0.022877	-0.0077738
9mo_SIGAF3_	0.11162417	0.66295135	6.61E-05	0.025525	-0.28705
9mo_SIGAF3_	0.09073906	0.53692865	6.45E-05	0.021597	0.044278
9mo_SIGAF3_	0.01184574	0.06087914	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.0200729	0.11052257	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.09940539	0.5892221	6.53E-05	0.02442	-0.10426
9mo_SIGAF3_	0.04498822	0.26086393	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.05625389	0.328842	5.97E-05	0.0073934	0.068678
9mo_SIGAF3_	0.06089502	0.356847	6.06E-05	0.008866	0.080421
9mo_SIGAF3_	0.08572194	0.50665486	6.39E-05	0.019177	0.1043
9mo_SIGAF3_	0.02514263	0.14111383	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.05668958	0.331471	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.01004245	0.04999794	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.02693115	0.15190592	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.00982935	0.04871207	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.03247741	0.18537256	4.27E-05	0.004099	-0.094772
9mo_SIGAF3_	0.09268388	0.5486639	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.07003541	0.41200092	6.18E-05	0.012147	0.11689
9mo_SIGAF3_	0.05276365	0.3077816	5.87E-05	0.0065755	0.057248

9mo_SIGAF3_	0.02362321	0.13194549	3.58E-05	0.0042778	-0.073623
9mo_SIGAF3_	0.02046997	0.11291853	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.04887052	0.28429008	5.70E-05	0.0057827	0.041222
9mo_SIGAF3_	0.06690544	0.39311442	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.06643201	0.3902577	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.04747877	0.27589217	5.61E-05	0.0054936	0.035328
9mo_SIGAF3_	0.05098985	0.2970783	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.08890461	0.5258594	6.42E-05	0.020663	0.067165
9mo_SIGAF3_	0.08966778	0.5304645	6.44E-05	0.021137	0.059815
9mo_SIGAF3_	0.0112316	0.05717338	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.02073177	0.11449827	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01414024	0.07472438	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.0355038	0.20363407	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.01962398	0.10781379	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09705601	0.5750457	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.01728067	0.09367399	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02282109	0.12710543	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01490872	0.07936145	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02762844	0.15611343	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.07988553	0.47143748	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.03671234	0.21092652	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.04816711	0.28004566	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.01507424	0.0803602	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.09794169	0.58039	6.52E-05	0.024123	-0.074831
9mo_SIGAF3_	0.07197543	0.42370722	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.01248626	0.06474409	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.02073471	0.11451601	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01987391	0.10932186	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01531874	0.08183557	3.27E-05	0.0054028	0.1442
9mo_SIGAF3_	0.03492855	0.20016295	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.10565856	0.6269543	6.57E-05	0.025482	-0.20623
9mo_SIGAF3_	0.01859678	0.10161554	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02903361	0.16459231	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02781267	0.15722506	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.02127584	0.11778122	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.04965695	0.28903547	5.73E-05	0.0058857	0.046466
9mo_SIGAF3_	0.06146535	0.36028847	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.03206188	0.1828652	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.03196312	0.18226929	4.22E-05	0.0040866	-0.097962
9mo_SIGAF3_	0.01302447	0.06799171	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.085371	0.5045373	6.39E-05	0.019177	0.10916
9mo_SIGAF3_	0.01161005	0.05945698	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.02298404	0.12808867	3.55E-05	0.0043197	-0.056631

9mo_SIGAF3_	0.01220168	0.06302694	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01959358	0.10763032	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.09151619	0.54161793	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.11057256	0.65660584	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.06801127	0.3997871	6.16E-05	0.011474	0.10734
9mo_SIGAF3_	0.09254581	0.54783076	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.09566637	0.5666605	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.05986184	0.3506127	6.04E-05	0.0085136	0.077363
9mo_SIGAF3_	0.09141334	0.5409973	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.09477199	0.56126374	6.49E-05	0.023073	-0.017059
9mo_SIGAF3_	0.04281623	0.24775796	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.03345137	0.1912495	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.02754854	0.1556313	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.02717386	0.15337043	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.02084613	0.1151883	3.44E-05	0.0045325	-0.023601
9mo_SIGAF3_	0.02576063	0.1448429	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.01923954	0.10549401	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.013153	0.06876726	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.0180691	0.09843145	3.34E-05	0.0049043	0.050123
9mo_SIGAF3_	0.02411756	0.13492842	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.0473419	0.27506626	5.61E-05	0.0054936	0.035328
9mo_SIGAF3_	0.03118811	0.17759277	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.09112805	0.5392759	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.07568789	0.44610852	6.26E-05	0.014549	0.13453
9mo_SIGAF3_	0.01600092	0.0859519	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.04921961	0.2863965	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.08247301	0.48705056	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.02168164	0.12022986	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.08950321	0.5294714	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.03260433	0.18613839	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.10954001	0.6503753	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.09058477	0.5359976	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.0712274	0.41919354	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.08602687	0.50849485	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.00898504	0.04361739	3.19E-05	0.0070136	0.43237
9mo_SIGAF3_	0.01218516	0.06292721	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.10324176	0.6123711	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.01553852	0.08316173	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.02392226	0.13374998	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.09129316	0.5402721	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.05787924	0.3386495	6.00E-05	0.0078516	0.073002
9mo_SIGAF3_	0.10957506	0.6505868	6.60E-05	0.025599	-0.2602
9mo_SIGAF3_	0.12728818	0.7574694	6.69E-05	0.023834	-0.42086

9mo_SIGAF3_	0.01862244	0.10177038	3.36E-05	0.0048202	0.03364
9mo_SIGAF3_	0.04534783	0.2630338	5.50E-05	0.0052335	0.021279
9mo_SIGAF3_	0.01303908	0.06807989	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02081248	0.1149853	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.05633719	0.32934466	5.97E-05	0.0073934	0.068678
9mo_SIGAF3_	0.03496176	0.20036337	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.08791132	0.51986575	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.01664393	0.08983184	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02623734	0.14771941	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.03931261	0.22661677	4.98E-05	0.0045122	-0.034672
9mo_SIGAF3_	0.02698817	0.15224996	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.05405764	0.3155896	5.91E-05	0.0068337	0.062513
9mo_SIGAF3_	0.05055906	0.2944789	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.06390063	0.37498313	6.10E-05	0.0098069	0.089169
9mo_SIGAF3_	0.06466687	0.3796067	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.035854	0.20574722	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.01252724	0.06499137	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.02339874	0.130591	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01450661	0.07693506	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.01427693	0.07554919	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.03666459	0.2106384	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.0239103	0.13367781	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02994672	0.17010212	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.03194428	0.1821556	4.22E-05	0.0040866	-0.097962
9mo_SIGAF3_	0.01360822	0.07151411	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01751116	0.0950648	3.33E-05	0.0049935	0.067421
9mo_SIGAF3_	0.05487105	0.32049784	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.03005275	0.17074192	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.06139993	0.35989368	6.07E-05	0.0090475	0.082025
9mo_SIGAF3_	0.02335614	0.13033397	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.02471235	0.13851742	3.64E-05	0.0042065	-0.086782
9mo_SIGAF3_	0.03520711	0.20184383	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.07378189	0.43460757	6.23E-05	0.013805	0.12913
9mo_SIGAF3_	0.10122146	0.6001804	6.54E-05	0.024809	-0.13341
9mo_SIGAF3_	0.04625872	0.26853025	5.54E-05	0.0053171	0.028707
9mo_SIGAF3_	0.02171133	0.12040901	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.0756678	0.4459873	6.26E-05	0.014549	0.13453
9mo_SIGAF3_	0.01646457	0.08874962	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02513278	0.14105435	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.00673451	0.03003754	3.18E-05	0.0078	0.54183
9mo_SIGAF3_	0.0734804	0.4327883	6.23E-05	0.013561	0.12913
9mo_SIGAF3_	0.01529235	0.08167632	3.27E-05	0.0054028	0.1442
9mo_SIGAF3_	0.02314969	0.1290882	3.58E-05	0.0042778	-0.065623

9mo_SIGAF3_	0.0852459	0.5037824	6.39E-05	0.019177	0.10916
9mo_SIGAF3_	0.03212994	0.18327591	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.01502627	0.08007076	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.06864904	0.40363547	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.01254875	0.06512119	3.23E-05	0.0060411	0.25518
9mo_SIGAF3_	0.05412738	0.31601045	5.91E-05	0.0068337	0.062513
9mo_SIGAF3_	0.08066742	0.4761555	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.0860184	0.5084438	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.02063895	0.11393821	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.11884558	0.7065259	6.65E-05	0.024776	-0.3584
9mo_SIGAF3_	0.04742421	0.2755629	5.61E-05	0.0054936	0.035328
9mo_SIGAF3_	0.02091656	0.11561333	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01363451	0.07167273	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02162344	0.11987869	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02481494	0.13913651	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.10708685	0.63557273	6.58E-05	0.025586	-0.23052
9mo_SIGAF3_	0.09631777	0.5705911	6.50E-05	0.023626	-0.045608
9mo_SIGAF3_	0.01933204	0.10605215	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.01081317	0.05464853	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.0207718	0.11473983	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.02900076	0.16439414	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02092456	0.11566157	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02178811	0.1208723	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.01628271	0.08765225	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01798093	0.09789944	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01646979	0.08878107	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.07105469	0.41815138	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.09335757	0.552729	6.47E-05	0.022469	0.0013661
9mo_SIGAF3_	0.02487045	0.13947143	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02706857	0.15273511	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.01387468	0.07312197	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01177247	0.06043702	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.0334883	0.19147238	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.09532923	0.56462616	6.49E-05	0.023263	-0.026471
9mo_SIGAF3_	0.07745551	0.45677453	6.29E-05	0.015562	0.13646
9mo_SIGAF3_	0.02418483	0.13533431	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.08503505	0.50251013	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.08391278	0.49573824	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.03566632	0.20461471	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.01445279	0.0766103	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.0128485	0.06692987	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02027698	0.111754	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.04276492	0.24744835	5.29E-05	0.0048617	-0.0013165

9mo_SIGAF3_	0.07759324	0.45760557	6.29E-05	0.015562	0.13646
9mo_SIGAF3_	0.02192913	0.12172325	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.02011127	0.1107541	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.019839	0.10911119	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02499318	0.140212	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.03104016	0.17670007	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.09679159	0.57345015	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.01992405	0.10962441	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.03387262	0.19379139	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.08429683	0.49805567	6.37E-05	0.018667	0.1176
9mo_SIGAF3_	0.02568019	0.14435749	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.02370654	0.13244827	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02034064	0.11213818	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.01153218	0.05898711	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01850755	0.10107711	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.08764111	0.5182353	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.08764464	0.5182566	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.02857844	0.16184579	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.02609424	0.14685589	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01702089	0.09210645	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.10537139	0.62522143	6.57E-05	0.025482	-0.20623
9mo_SIGAF3_	0.02672487	0.1506612	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.09863379	0.5845662	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.03525752	0.202148	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.0718438	0.42291293	6.20E-05	0.012843	0.12348
9mo_SIGAF3_	0.02676824	0.15092285	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.0183372	0.10004921	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.07050113	0.41481116	6.19E-05	0.012376	0.11689
9mo_SIGAF3_	0.09121945	0.53982735	6.45E-05	0.021597	0.036126
9mo_SIGAF3_	0.01568261	0.08403118	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.10770398	0.63929653	6.59E-05	0.025604	-0.23822
9mo_SIGAF3_	0.0137995	0.07266831	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01452405	0.07704032	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.08663864	0.51218635	6.40E-05	0.019681	0.093363
9mo_SIGAF3_	0.0332901	0.19027641	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.01816788	0.09902754	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.03472385	0.19892779	4.48E-05	0.0041765	-0.078293
9mo_SIGAF3_	0.02192511	0.12169902	3.49E-05	0.0044169	-0.046619
9mo_SIGAF3_	0.05699825	0.33333358	5.99E-05	0.0076952	0.070131
9mo_SIGAF3_	0.01983169	0.10906711	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.03234137	0.18455167	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.02351012	0.13126306	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.08480077	0.5010964	6.38E-05	0.018923	0.1136

9mo_SIGAF3_	0.07379053	0.4346597	6.23E-05	0.013805	0.12913
9mo_SIGAF3_	0.10409305	0.6175078	6.56E-05	0.025367	-0.18011
9mo_SIGAF3_	0.01802187	0.09814649	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.02021327	0.11136961	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.03805605	0.21903458	4.81E-05	0.0043756	-0.04622
9mo_SIGAF3_	0.08366916	0.49426827	6.37E-05	0.01841	0.12117
9mo_SIGAF3_	0.05824205	0.34083876	6.01E-05	0.0080116	0.073002
9mo_SIGAF3_	0.01504958	0.0802114	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02098326	0.11601576	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.09286431	0.5497526	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.07318414	0.43100068	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.01753244	0.09519319	3.33E-05	0.0049935	0.067421
9mo_SIGAF3_	0.05179424	0.30193207	5.83E-05	0.0063316	0.055318
9mo_SIGAF3_	0.11109329	0.65974796	6.61E-05	0.025556	-0.28058
9mo_SIGAF3_	0.02728995	0.15407091	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.04294904	0.24855931	5.29E-05	0.0048617	0.0036923
9mo_SIGAF3_	0.09358321	0.5540905	6.48E-05	0.022676	0.0013661
9mo_SIGAF3_	0.0106267	0.05352334	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.02525611	0.14179853	3.68E-05	0.0041768	-0.092011
9mo_SIGAF3_	0.07096188	0.41759133	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.03442969	0.1971528	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.01781815	0.09691721	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.09900262	0.5867917	6.52E-05	0.024275	-0.094455
9mo_SIGAF3_	0.0135853	0.0713758	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01838939	0.1003641	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.0166647	0.08995722	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02633296	0.14829636	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.0171642	0.09297124	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.03060301	0.17406225	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.02270841	0.12642549	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.11482459	0.68226296	6.63E-05	0.025242	-0.32268
9mo_SIGAF3_	0.07948928	0.4690465	6.31E-05	0.016335	0.13545
9mo_SIGAF3_	0.01526637	0.08151955	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.0437351	0.25330248	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.02609069	0.14683451	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01928598	0.10577422	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.06090807	0.3569258	6.06E-05	0.008866	0.080421
9mo_SIGAF3_	0.07224326	0.4253233	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.08329183	0.4919914	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.05296127	0.30897403	5.87E-05	0.0065755	0.059084
9mo_SIGAF3_	0.0166009	0.08957219	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.0281329	0.15915734	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.08552221	0.50544965	6.39E-05	0.019177	0.1043

9mo_SIGAF3_	0.034558	0.19792703	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.08937054	0.5286709	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.07061233	0.41548216	6.19E-05	0.012376	0.11916
9mo_SIGAF3_	0.0140069	0.0739198	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.067089	0.39422205	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.09659345	0.57225454	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.03693581	0.21227492	4.70E-05	0.0042982	-0.057524
9mo_SIGAF3_	0.02748026	0.1552193	3.84E-05	0.0040947	-0.10472
9mo_SIGAF3_	0.08515281	0.5032207	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.07247546	0.42672446	6.22E-05	0.01332	0.12548
9mo_SIGAF3_	0.05339006	0.31156144	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.08779167	0.5191438	6.41E-05	0.020177	0.080939
9mo_SIGAF3_	0.06440332	0.3780164	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.05543076	0.3238752	5.95E-05	0.007248	0.065685
9mo_SIGAF3_	0.0116836	0.05990078	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01655249	0.08928013	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.05430484	0.31708127	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.01992027	0.10960159	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.02607329	0.14672951	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.01895948	0.1038041	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02220918	0.12341307	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.0790198	0.46621358	6.30E-05	0.016077	0.13613
9mo_SIGAF3_	0.105447	0.6256777	6.57E-05	0.025482	-0.20623
9mo_SIGAF3_	0.02258362	0.12567252	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.06280994	0.3684018	6.08E-05	0.0094206	0.087254
9mo_SIGAF3_	0.0305456	0.17371583	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.08294914	0.4899236	6.35E-05	0.017892	0.12434
9mo_SIGAF3_	0.02719673	0.15350845	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.10955294	0.6504533	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.01870225	0.10225198	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.08601768	0.50843936	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.06326713	0.37116057	6.09E-05	0.0096122	0.087254
9mo_SIGAF3_	0.01782704	0.09697086	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01787306	0.09724855	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01176778	0.06040873	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.08091617	0.47765648	6.33E-05	0.017113	0.13314
9mo_SIGAF3_	0.05912411	0.34616122	6.03E-05	0.0083426	0.075889
9mo_SIGAF3_	0.03462486	0.19833048	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.04033582	0.23279093	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.01757716	0.09546306	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.12471316	0.7419315	6.68E-05	0.024034	-0.40548
9mo_SIGAF3_	0.10327012	0.6125422	6.56E-05	0.025216	-0.17104
9mo_SIGAF3_	0.03326763	0.1901408	4.37E-05	0.0041322	-0.091175

9mo_SIGAF3_	0.06451409	0.3786848	6.10E-05	0.010005	0.093303
9mo_SIGAF3_	0.1301761	0.77489537	6.70E-05	0.02364	-0.43912
9mo_SIGAF3_	0.03731472	0.21456133	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.07208536	0.42437053	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.10843258	0.64369303	6.59E-05	0.025614	-0.24573
9mo_SIGAF3_	0.02373722	0.13263343	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01351421	0.07094683	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02031572	0.11198778	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.03217427	0.18354335	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.0766694	0.45203102	6.27E-05	0.015053	0.13605
9mo_SIGAF3_	0.0175568	0.0953402	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.02747843	0.15520824	3.84E-05	0.0040947	-0.10472
9mo_SIGAF3_	0.03518727	0.2017241	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.03339171	0.19088951	4.37E-05	0.0041322	-0.091175
9mo_SIGAF3_	0.03720345	0.21388991	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01920634	0.1052937	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.01124399	0.05724814	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.08614957	0.5092352	6.39E-05	0.01943	0.099025
9mo_SIGAF3_	0.03880711	0.22356652	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.03430731	0.19641432	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.01133974	0.05782588	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.03398236	0.19445357	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.02024863	0.11158298	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.10265713	0.6088434	6.55E-05	0.025127	-0.16182
9mo_SIGAF3_	0.01895938	0.10380347	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.01171141	0.06006858	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01627785	0.08762288	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.06185726	0.36265326	6.07E-05	0.0090475	0.083692
9mo_SIGAF3_	0.02541143	0.14273573	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.04482253	0.25986412	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.04405661	0.2552425	5.38E-05	0.0050014	0.012967
9mo_SIGAF3_	0.08534237	0.50436455	6.39E-05	0.019177	0.10916
9mo_SIGAF3_	0.02718104	0.15341373	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.0293989	0.16679654	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.07401314	0.43600297	6.23E-05	0.013805	0.13074
9mo_SIGAF3_	0.01030334	0.05157214	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01348443	0.07076715	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02459627	0.13781705	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.06427945	0.377269	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.03210833	0.18314548	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.06961267	0.40945014	6.17E-05	0.01192	0.11455
9mo_SIGAF3_	0.11210225	0.6658361	6.61E-05	0.025489	-0.29336
9mo_SIGAF3_	0.11470712	0.68155414	6.63E-05	0.025242	-0.3171

9mo_SIGAF3_	0.06754337	0.39696378	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.05267544	0.3072493	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.02643502	0.14891222	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.09866618	0.5847352	6.52E-05	0.024275	-0.084641
9mo_SIGAF3_	0.01868714	0.10216074	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.05268131	0.30728474	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.03204093	0.18273878	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.09201328	0.5446174	6.46E-05	0.022042	0.027741
9mo_SIGAF3_	0.0215346	0.11934262	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02477784	0.13891262	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.02135687	0.11827018	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.05691969	0.3328595	5.99E-05	0.0076952	0.070131
9mo_SIGAF3_	0.03211383	0.18317866	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.07739662	0.4564192	6.28E-05	0.015307	0.13646
9mo_SIGAF3_	0.00764939	0.035558	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.02665789	0.15025704	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01218545	0.06292896	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.04244155	0.24549706	5.24E-05	0.0047963	-0.0013165
9mo_SIGAF3_	0.02586529	0.14547442	3.72E-05	0.0041509	-0.096385
9mo_SIGAF3_	0.12299118	0.7315409	6.67E-05	0.024217	-0.38934
9mo_SIGAF3_	0.02148356	0.11903466	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.0292994	0.16619612	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01477812	0.0785734	3.26E-05	0.0055188	0.16515
9mo_SIGAF3_	0.02227005	0.12378041	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.05514199	0.3221327	5.94E-05	0.0071062	0.065685
9mo_SIGAF3_	0.0289821	0.16428152	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.03740594	0.21511175	4.76E-05	0.0043355	-0.05192
9mo_SIGAF3_	0.03488294	0.19988777	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.02649501	0.1492742	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01327698	0.06951538	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.08364219	0.4941055	6.37E-05	0.01841	0.12117
9mo_SIGAF3_	0.09678236	0.5733945	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.08321498	0.4915277	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.02551818	0.14337994	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.09311487	0.5512645	6.47E-05	0.022469	0.010343
9mo_SIGAF3_	0.01291104	0.06730728	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02026711	0.11169445	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.0205869	0.11362412	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.09454247	0.5598788	6.48E-05	0.022877	-0.017059
9mo_SIGAF3_	0.02420427	0.13545163	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01919752	0.10524044	3.38E-05	0.004741	0.017998
9mo_SIGAF3_	0.01289511	0.06721111	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0194588	0.10681704	3.40E-05	0.0046667	0.017998

9mo_SIGAF3_	0.06881726	0.4046505	6.16E-05	0.011695	0.10977
9mo_SIGAF3_	0.04302693	0.24902934	5.29E-05	0.0048617	0.0036923
9mo_SIGAF3_	0.01210186	0.06242458	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.01029514	0.0515227	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.10199327	0.6048376	6.55E-05	0.025029	-0.14299
9mo_SIGAF3_	0.03201288	0.18256953	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.02448482	0.13714455	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03532498	0.20255508	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.10143509	0.60146946	6.54E-05	0.024923	-0.13341
9mo_SIGAF3_	0.01936283	0.10623796	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03616481	0.20762268	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.10651491	0.63212156	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.01348782	0.07078758	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.0627619	0.36811197	6.08E-05	0.0094206	0.085432
9mo_SIGAF3_	0.0316422	0.18033278	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.11752021	0.6985285	6.64E-05	0.024917	-0.34876
9mo_SIGAF3_	0.01930559	0.10589255	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.0140836	0.07438263	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.03456305	0.19795747	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.02306595	0.12858294	3.55E-05	0.0043197	-0.065623
9mo_SIGAF3_	0.01718016	0.09306751	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.11171321	0.66348857	6.61E-05	0.025525	-0.28705
9mo_SIGAF3_	0.02453506	0.13744769	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.01176064	0.06036564	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.02951875	0.16751972	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.04141963	0.23933074	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.07691354	0.45350423	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.02727883	0.15400386	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.07825134	0.46157664	6.29E-05	0.015819	0.13662
9mo_SIGAF3_	0.0184528	0.10074677	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02895935	0.16414426	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.01739043	0.09433629	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.079642	0.469968	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.03101182	0.17652902	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.12747528	0.7585984	6.69E-05	0.023794	-0.4246
9mo_SIGAF3_	0.1056399	0.62684166	6.57E-05	0.025482	-0.20623
9mo_SIGAF3_	0.07688659	0.45334163	6.28E-05	0.015307	0.13605
9mo_SIGAF3_	0.06702145	0.39381444	6.14E-05	0.011039	0.10251
9mo_SIGAF3_	0.08022229	0.4734695	6.32E-05	0.016854	0.13446
9mo_SIGAF3_	0.04001205	0.23083729	5.03E-05	0.0045634	-0.028892
9mo_SIGAF3_	0.09545536	0.56538725	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.00950876	0.0467776	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.02793236	0.15794726	3.88E-05	0.0040827	-0.10472

9mo_SIGAF3_	0.08909696	0.5270201	6.43E-05	0.020902	0.067165
9mo_SIGAF3_	0.01131066	0.05765044	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.00860779	0.04134103	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.00712672	0.03240415	3.19E-05	0.0075925	0.51404
9mo_SIGAF3_	0.0132014	0.06905929	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.02689444	0.15168437	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.02531088	0.14212903	3.68E-05	0.0041768	-0.092011
9mo_SIGAF3_	0.02794339	0.15801385	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.09063128	0.5362783	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.02029655	0.11187212	3.42E-05	0.0045972	-0.01065
9mo_SIGAF3_	0.01719641	0.09316555	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.02769183	0.1564959	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.02772892	0.15671971	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.02627034	0.14791851	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.11413609	0.67810845	6.63E-05	0.025299	-0.31137
9mo_SIGAF3_	0.02321236	0.12946635	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01286001	0.06699932	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.07616279	0.44897413	6.26E-05	0.0148	0.1354
9mo_SIGAF3_	0.07115512	0.4187574	6.20E-05	0.012608	0.12136
9mo_SIGAF3_	0.0452126	0.26221785	5.46E-05	0.0051531	0.021279
9mo_SIGAF3_	0.01492028	0.07943121	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.09050469	0.5355145	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.01676672	0.0905728	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.02458216	0.13773185	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.02873505	0.16279078	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.01811914	0.09873339	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02617087	0.1473183	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02117792	0.11719037	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.03201244	0.18256687	4.27E-05	0.004099	-0.097962
9mo_SIGAF3_	0.0226815	0.12626311	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.0560864	0.32783136	5.97E-05	0.0073934	0.067199
9mo_SIGAF3_	0.02257178	0.12560104	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02549353	0.1432312	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.0753459	0.44404495	6.26E-05	0.014549	0.13345
9mo_SIGAF3_	0.03127192	0.17809848	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.02063338	0.11390458	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.09238719	0.5468736	6.46E-05	0.022258	0.019141
9mo_SIGAF3_	0.02768567	0.15645877	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.06989011	0.4111242	6.18E-05	0.012147	0.11455
9mo_SIGAF3_	0.0370507	0.21296822	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01940681	0.10650332	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.03243034	0.18508853	4.27E-05	0.004099	-0.094772
9mo_SIGAF3_	0.01806145	0.0983853	3.34E-05	0.0049043	0.050123

9mo_SIGAF3_	0.05648765	0.33025256	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.00766907	0.03567673	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.11517053	0.6843504	6.63E-05	0.025182	-0.32268
9mo_SIGAF3_	0.10236182	0.60706145	6.55E-05	0.025127	-0.15246
9mo_SIGAF3_	0.09546977	0.5654742	6.49E-05	0.023263	-0.035993
9mo_SIGAF3_	0.0160587	0.08630052	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.01086981	0.05499027	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.08908691	0.5269594	6.43E-05	0.020902	0.067165
9mo_SIGAF3_	0.02137662	0.11838936	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.0819682	0.48400447	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.08681398	0.51324433	6.40E-05	0.019681	0.093363
9mo_SIGAF3_	0.03533442	0.20261201	4.59E-05	0.0042319	-0.073417
9mo_SIGAF3_	0.01466267	0.07787676	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.07342415	0.4324489	6.23E-05	0.013561	0.12913
9mo_SIGAF3_	0.02997844	0.17029355	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.11871531	0.7057399	6.65E-05	0.024776	-0.3584
9mo_SIGAF3_	0.0193873	0.10638558	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02697036	0.15214252	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.04967183	0.28912526	5.73E-05	0.0058857	0.046466
9mo_SIGAF3_	0.02661161	0.14997779	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.01989943	0.10947587	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.10759567	0.63864297	6.59E-05	0.025604	-0.23822
9mo_SIGAF3_	0.09398764	0.5565309	6.48E-05	0.022676	-0.0077738
9mo_SIGAF3_	0.06466657	0.3796049	6.11E-05	0.010206	0.093303
9mo_SIGAF3_	0.02350088	0.13120736	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.02116297	0.11710016	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.02506281	0.14063218	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.09670375	0.57292014	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.09641088	0.5711529	6.50E-05	0.023626	-0.045608
9mo_SIGAF3_	0.12111	0.7201897	6.66E-05	0.02449	-0.37656
9mo_SIGAF3_	0.0458528	0.26608086	5.54E-05	0.0053171	0.025099
9mo_SIGAF3_	0.02375239	0.13272499	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.02158854	0.11966811	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02800245	0.15837024	3.88E-05	0.0040827	-0.10603
9mo_SIGAF3_	0.06758716	0.39722797	6.15E-05	0.011255	0.10492
9mo_SIGAF3_	0.11454297	0.6805636	6.63E-05	0.025299	-0.3171
9mo_SIGAF3_	0.03688037	0.21194044	4.70E-05	0.0042982	-0.057524
9mo_SIGAF3_	0.0385002	0.22171463	4.87E-05	0.0044183	-0.040459
9mo_SIGAF3_	0.02626483	0.14788523	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.02590173	0.1456943	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.0893998	0.52884746	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.04995923	0.29085946	5.76E-05	0.005992	0.046466
9mo_SIGAF3_	0.07168898	0.42197874	6.20E-05	0.012843	0.12348

9mo_SIGAF3_	0.01181573	0.06069807	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.0576382	0.33719507	6.00E-05	0.0078516	0.071569
9mo_SIGAF3_	0.01536864	0.08213665	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.01281109	0.06670418	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.12435354	0.7397615	6.67E-05	0.024092	-0.40152
9mo_SIGAF3_	0.02814469	0.1592285	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.11131308	0.6610742	6.61E-05	0.025525	-0.28058
9mo_SIGAF3_	0.10442889	0.6195343	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.03832696	0.2206693	4.87E-05	0.0044183	-0.04622
9mo_SIGAF3_	0.04151845	0.239927	5.19E-05	0.0047337	-0.011944
9mo_SIGAF3_	0.01962399	0.10781379	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.08878722	0.5251511	6.42E-05	0.020663	0.067165
9mo_SIGAF3_	0.02873444	0.16278711	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02996105	0.17018862	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.04288931	0.24819893	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.03075712	0.17499216	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.01846004	0.10079042	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.07080492	0.41664422	6.20E-05	0.012608	0.11916
9mo_SIGAF3_	0.01897884	0.10392094	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02102052	0.11624064	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.08430576	0.49810952	6.37E-05	0.018667	0.1176
9mo_SIGAF3_	0.03182131	0.18141356	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.04691928	0.2725161	5.57E-05	0.0054037	0.032113
9mo_SIGAF3_	0.09220954	0.54580164	6.46E-05	0.022042	0.019141
9mo_SIGAF3_	0.02640568	0.14873515	3.76E-05	0.0041286	-0.099939
9mo_SIGAF3_	0.01820446	0.09924826	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.01842255	0.10056421	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.0230133	0.12826522	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.01356822	0.07127274	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.09315853	0.5515279	6.47E-05	0.022469	0.010343
9mo_SIGAF3_	0.02424212	0.13568006	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03408142	0.19505131	4.43E-05	0.004153	-0.082901
9mo_SIGAF3_	0.02037644	0.11235418	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.08744326	0.51704144	6.41E-05	0.020177	0.087329
9mo_SIGAF3_	0.08327209	0.4918723	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.01078942	0.05450523	3.21E-05	0.0064976	0.35381
9mo_SIGAF3_	0.02279728	0.12696175	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.09666643	0.57269496	6.50E-05	0.023626	-0.055297
9mo_SIGAF3_	0.02614546	0.147165	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.04274155	0.24730729	5.29E-05	0.0048617	-0.0013165
9mo_SIGAF3_	0.05733675	0.33537608	5.99E-05	0.0076952	0.071569
9mo_SIGAF3_	0.02656234	0.14968048	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.02478221	0.13893896	3.68E-05	0.0041768	-0.086782

9mo_SIGAF3_	0.01915532	0.10498583	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.05788331	0.3386741	6.00E-05	0.0078516	0.073002
9mo_SIGAF3_	0.0109523	0.05548802	3.21E-05	0.006339	0.32844
9mo_SIGAF3_	0.01459562	0.07747217	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.10920727	0.6483675	6.60E-05	0.025611	-0.2602
9mo_SIGAF3_	0.01487404	0.0791522	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02214569	0.12303001	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01464867	0.07779227	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.03425747	0.19611359	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.10454122	0.62021214	6.56E-05	0.025367	-0.18901
9mo_SIGAF3_	0.01885237	0.10315781	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.02723066	0.15371318	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.05608733	0.327837	5.97E-05	0.0073934	0.067199
9mo_SIGAF3_	0.02316774	0.1291971	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.01271031	0.06609602	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.02340897	0.13065274	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.08569533	0.50649434	6.39E-05	0.019177	0.1043
9mo_SIGAF3_	0.02996332	0.17020229	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02749965	0.15533629	3.84E-05	0.0040947	-0.10472
9mo_SIGAF3_	0.02279532	0.12694992	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.07967015	0.4701379	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.08105546	0.47849697	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.07561941	0.44569534	6.26E-05	0.014549	0.13453
9mo_SIGAF3_	0.02240487	0.1245939	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.03068868	0.17457914	4.11E-05	0.0040705	-0.10475
9mo_SIGAF3_	0.01738984	0.09433274	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.08956364	0.52983606	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.02451989	0.13735613	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.03595246	0.2063413	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.03527872	0.2022759	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.01154645	0.0590732	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.01016392	0.05073086	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.02605989	0.14664866	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.07004261	0.4120444	6.18E-05	0.012147	0.11689
9mo_SIGAF3_	0.0211547	0.11705028	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.09790915	0.58019364	6.51E-05	0.023964	-0.074831
9mo_SIGAF3_	0.08679005	0.51309997	6.40E-05	0.019681	0.093363
9mo_SIGAF3_	0.02492727	0.13981433	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.11933296	0.7094669	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.06641508	0.39015555	6.13E-05	0.010826	0.10013
9mo_SIGAF3_	0.02761436	0.15602843	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.07437484	0.43818548	6.24E-05	0.014051	0.13074
9mo_SIGAF3_	0.10563961	0.62683994	6.57E-05	0.025482	-0.20623

9mo_SIGAF3_	0.05863512	0.34321058	6.02E-05	0.0081753	0.074438
9mo_SIGAF3_	0.07436192	0.43810752	6.24E-05	0.014051	0.13074
9mo_SIGAF3_	0.02058976	0.11364138	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.127456	0.75848204	6.69E-05	0.023794	-0.4246
9mo_SIGAF3_	0.04966167	0.289064	5.73E-05	0.0058857	0.046466
9mo_SIGAF3_	0.02698573	0.15223525	3.84E-05	0.0040947	-0.10271
9mo_SIGAF3_	0.07942068	0.46863252	6.31E-05	0.016335	0.13545
9mo_SIGAF3_	0.02531774	0.14217041	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.03878702	0.22344531	4.92E-05	0.0044639	-0.040459
9mo_SIGAF3_	0.05494687	0.32095537	5.94E-05	0.0071062	0.064127
9mo_SIGAF3_	0.02845373	0.1610933	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.03652553	0.20979929	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.06441003	0.3780569	6.10E-05	0.010005	0.091185
9mo_SIGAF3_	0.02097547	0.11596879	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.01232345	0.06376172	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.087098	0.5149582	6.41E-05	0.01993	0.093363
9mo_SIGAF3_	0.06037209	0.35369164	6.05E-05	0.008688	0.07887
9mo_SIGAF3_	0.11018752	0.65428245	6.60E-05	0.02558	-0.26716
9mo_SIGAF3_	0.04103673	0.23702028	5.14E-05	0.0046741	-0.017493
9mo_SIGAF3_	0.08579748	0.5071107	6.39E-05	0.01943	0.1043
9mo_SIGAF3_	0.02544793	0.142956	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.03488472	0.19989847	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.03262435	0.18625923	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.03458967	0.1981181	4.48E-05	0.0041765	-0.082901
9mo_SIGAF3_	0.08206068	0.48456255	6.35E-05	0.017633	0.12948
9mo_SIGAF3_	0.0365424	0.20990105	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.01473176	0.07829364	3.26E-05	0.0055188	0.18676
9mo_SIGAF3_	0.0702639	0.41337967	6.19E-05	0.012376	0.11689
9mo_SIGAF3_	0.02007436	0.11053138	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.10054527	0.5961002	6.53E-05	0.024687	-0.12375
9mo_SIGAF3_	0.07589138	0.44733644	6.26E-05	0.0148	0.13453
9mo_SIGAF3_	0.11085147	0.65828884	6.61E-05	0.025556	-0.27396
9mo_SIGAF3_	0.0840195	0.49638227	6.37E-05	0.01841	0.1176
9mo_SIGAF3_	0.03482773	0.1995546	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.0325224	0.18564405	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.06247861	0.36640254	6.08E-05	0.0094206	0.085432
9mo_SIGAF3_	0.01985447	0.10920455	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01216817	0.06282469	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.06915141	0.40666682	6.17E-05	0.01192	0.11218
9mo_SIGAF3_	0.02943797	0.16703229	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.03187329	0.18172726	4.22E-05	0.0040866	-0.097962
9mo_SIGAF3_	0.0181278	0.09878565	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.08441701	0.49878085	6.37E-05	0.018667	0.1136

9mo_SIGAF3_	0.11133372	0.66119874	6.61E-05	0.025525	-0.28058
9mo_SIGAF3_	0.05099654	0.29711866	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.14207351	0.84668547	6.74E-05	0.023584	-0.5021
9mo_SIGAF3_	0.02859052	0.1619187	3.93E-05	0.004074	-0.10664
9mo_SIGAF3_	0.00960572	0.04736267	3.20E-05	0.0068348	0.4058
9mo_SIGAF3_	0.02936492	0.16659151	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.01412108	0.07460877	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.07987659	0.47138357	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.02793304	0.15795141	3.88E-05	0.0040827	-0.10472
9mo_SIGAF3_	0.01491526	0.07940092	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.05657857	0.33080113	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.0449566	0.26067314	5.46E-05	0.0051531	0.017239
9mo_SIGAF3_	0.03645168	0.20935367	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.0881625	0.52138144	6.42E-05	0.020421	0.080939
9mo_SIGAF3_	0.04812061	0.27976507	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.07220192	0.42507383	6.21E-05	0.01308	0.12548
9mo_SIGAF3_	0.03381778	0.19346046	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.01249311	0.06478546	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.03513341	0.2013991	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.02432037	0.13615221	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.06846216	0.40250784	6.16E-05	0.011474	0.10977
9mo_SIGAF3_	0.01730339	0.09381111	3.33E-05	0.0049935	0.085504
9mo_SIGAF3_	0.01605662	0.08628796	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.03128553	0.17818065	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.01819722	0.09920454	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.04826733	0.28065038	5.67E-05	0.0056831	0.038361
9mo_SIGAF3_	0.01524062	0.08136418	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.01404189	0.07413093	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.01490146	0.07931761	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.03522886	0.20197505	4.54E-05	0.0042028	-0.073417
9mo_SIGAF3_	0.03481977	0.1995066	4.54E-05	0.0042028	-0.078293
9mo_SIGAF3_	0.05202331	0.30331433	5.85E-05	0.0064518	0.055318
9mo_SIGAF3_	0.01485614	0.07904416	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.02148578	0.11904806	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02299856	0.12817627	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02974526	0.16888653	4.02E-05	0.0040662	-0.10597
9mo_SIGAF3_	0.09590662	0.5681102	6.50E-05	0.023448	-0.035993
9mo_SIGAF3_	0.08952573	0.5296073	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.10210648	0.6055207	6.55E-05	0.025029	-0.15246
9mo_SIGAF3_	0.01167405	0.05984318	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.08491603	0.50179195	6.38E-05	0.018923	0.10916
9mo_SIGAF3_	0.07856794	0.463487	6.30E-05	0.016077	0.13651
9mo_SIGAF3_	0.01272711	0.06619743	3.23E-05	0.0059016	0.25518

9mo_SIGAF3_	0.03366745	0.19255333	4.43E-05	0.004153	-0.087207
9mo_SIGAF3_	0.0316341	0.18028392	4.22E-05	0.0040866	-0.10071
9mo_SIGAF3_	0.02923903	0.16583188	4.02E-05	0.0040662	-0.10661
9mo_SIGAF3_	0.0197852	0.10878655	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01388042	0.0731566	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02356562	0.13159797	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.02392307	0.13375488	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.01694307	0.09163689	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.04331845	0.25078836	5.33E-05	0.0049301	0.0036923
9mo_SIGAF3_	0.05662263	0.33106703	5.98E-05	0.0075425	0.068678
9mo_SIGAF3_	0.08111537	0.47885847	6.33E-05	0.017113	0.13148
9mo_SIGAF3_	0.07470005	0.44014782	6.25E-05	0.014299	0.13218
9mo_SIGAF3_	0.02886539	0.16357726	3.97E-05	0.0040686	-0.10664
9mo_SIGAF3_	0.02467464	0.13828991	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.02467666	0.13830212	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.07387068	0.43514332	6.23E-05	0.013805	0.13074
9mo_SIGAF3_	0.09722927	0.5760912	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.02034733	0.1121785	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.04695663	0.2727415	5.61E-05	0.0054936	0.032113
9mo_SIGAF3_	0.02609851	0.1468817	3.76E-05	0.0041286	-0.096385
9mo_SIGAF3_	0.08175311	0.4827066	6.34E-05	0.017373	0.12948
9mo_SIGAF3_	0.09420108	0.55781883	6.48E-05	0.022877	-0.0077738
9mo_SIGAF3_	0.07332711	0.43186337	6.23E-05	0.013561	0.12913
9mo_SIGAF3_	0.11154915	0.66249865	6.61E-05	0.025525	-0.28705
9mo_SIGAF3_	0.01160293	0.05941398	3.22E-05	0.0061869	0.30353
9mo_SIGAF3_	0.04668219	0.27108547	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.10663506	0.63284653	6.58E-05	0.02556	-0.22263
9mo_SIGAF3_	0.01632473	0.08790577	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02141451	0.11861797	3.47E-05	0.0044724	-0.0356
9mo_SIGAF3_	0.08944327	0.5291098	6.43E-05	0.020902	0.059815
9mo_SIGAF3_	0.06668533	0.39178625	6.13E-05	0.010826	0.10251
9mo_SIGAF3_	0.01558533	0.08344414	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.11936623	0.7096676	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.02217632	0.12321483	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.04391775	0.25440457	5.38E-05	0.0050014	0.008455
9mo_SIGAF3_	0.09897967	0.5866533	6.52E-05	0.024275	-0.094455
9mo_SIGAF3_	0.05195443	0.30289868	5.85E-05	0.0064518	0.055318
9mo_SIGAF3_	0.02202206	0.12228397	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.01750846	0.09504849	3.33E-05	0.0049935	0.067421
9mo_SIGAF3_	0.01268599	0.06594926	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.03280434	0.1873453	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.05272787	0.30756566	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.02040166	0.11250634	3.44E-05	0.0045325	-0.01065

9mo_SIGAF3_	0.01318991	0.06899001	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.01676579	0.09056719	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.09284977	0.54966486	6.46E-05	0.022258	0.010343
9mo_SIGAF3_	0.08315249	0.49115062	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.05042207	0.29365227	5.78E-05	0.0061018	0.048868
9mo_SIGAF3_	0.08030684	0.47397968	6.32E-05	0.016854	0.13446
9mo_SIGAF3_	0.02490196	0.1396616	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.01784689	0.09709065	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.01971531	0.10836484	3.40E-05	0.0046667	0.0032259
9mo_SIGAF3_	0.01954866	0.10735927	3.40E-05	0.0046667	0.017998
9mo_SIGAF3_	0.02808778	0.15888512	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.09737372	0.5769628	6.51E-05	0.023964	-0.065044
9mo_SIGAF3_	0.01601697	0.08604874	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.02167158	0.12016919	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02281618	0.12707576	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.07299361	0.42985103	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.04137906	0.23908591	5.14E-05	0.0046741	-0.011944
9mo_SIGAF3_	0.02162815	0.1199071	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02851231	0.16144678	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.02490696	0.13969176	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.11082859	0.65815073	6.61E-05	0.025556	-0.27396
9mo_SIGAF3_	0.0834484	0.4929362	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.0681792	0.4008004	6.16E-05	0.011474	0.10734
9mo_SIGAF3_	0.01827445	0.09967055	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02418887	0.13535875	3.61E-05	0.0042401	-0.080664
9mo_SIGAF3_	0.02506078	0.1406199	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.04933563	0.28709656	5.73E-05	0.0058857	0.04392
9mo_SIGAF3_	0.12697051	0.7555526	6.69E-05	0.023834	-0.42086
9mo_SIGAF3_	0.09058495	0.5359987	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.00601922	0.0257214	3.18E-05	0.008015	0.56984
9mo_SIGAF3_	0.02977628	0.16907366	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.07982981	0.47110128	6.32E-05	0.016594	0.13545
9mo_SIGAF3_	0.09697945	0.5745837	6.51E-05	0.023799	-0.055297
9mo_SIGAF3_	0.09513275	0.56344056	6.49E-05	0.023073	-0.026471
9mo_SIGAF3_	0.02080939	0.11496662	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.04903069	0.28525656	5.70E-05	0.0057827	0.04392
9mo_SIGAF3_	0.02670322	0.15053056	3.80E-05	0.0041099	-0.099939
9mo_SIGAF3_	0.0282351	0.15977407	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.01285888	0.06699251	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.04030642	0.23261349	5.09E-05	0.0046173	-0.023154
9mo_SIGAF3_	0.00987211	0.04897006	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01340652	0.07029705	3.24E-05	0.0057681	0.23179
9mo_SIGAF3_	0.1193592	0.7096252	6.65E-05	0.024704	-0.36308

9mo_SIGAF3_	0.07198814	0.42378393	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.03249227	0.18546219	4.27E-05	0.004099	-0.094772
9mo_SIGAF3_	0.08311722	0.49093783	6.36E-05	0.018151	0.12434
9mo_SIGAF3_	0.01536279	0.08210137	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.12163018	0.7233285	6.66E-05	0.024419	-0.38089
9mo_SIGAF3_	0.0138819	0.07316551	3.25E-05	0.0056405	0.20898
9mo_SIGAF3_	0.02422497	0.13557655	3.64E-05	0.0042065	-0.080664
9mo_SIGAF3_	0.07177901	0.422522	6.20E-05	0.012843	0.12348
9mo_SIGAF3_	0.09085587	0.5376335	6.45E-05	0.021597	0.044278
9mo_SIGAF3_	0.02540055	0.14267012	3.72E-05	0.0041509	-0.092011
9mo_SIGAF3_	0.12646715	0.75251526	6.68E-05	0.023879	-0.41707
9mo_SIGAF3_	0.02692455	0.15186606	3.80E-05	0.0041099	-0.10271
9mo_SIGAF3_	0.0249541	0.13997617	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.09066001	0.53645164	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.06606811	0.38806188	6.13E-05	0.010616	0.097788
9mo_SIGAF3_	0.09070601	0.5367292	6.44E-05	0.021369	0.044278
9mo_SIGAF3_	0.01481655	0.07880525	3.27E-05	0.0054028	0.16515
9mo_SIGAF3_	0.0531918	0.3103651	5.89E-05	0.0067028	0.059084
9mo_SIGAF3_	0.01906382	0.10443368	3.38E-05	0.004741	0.03364
9mo_SIGAF3_	0.05578905	0.32603714	5.95E-05	0.007248	0.067199
9mo_SIGAF3_	0.01797435	0.09785975	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.03108987	0.177	4.16E-05	0.0040771	-0.10299
9mo_SIGAF3_	0.00997043	0.04956333	3.20E-05	0.0066628	0.37961
9mo_SIGAF3_	0.01270335	0.06605402	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.0298712	0.16964644	4.07E-05	0.0040668	-0.10597
9mo_SIGAF3_	0.02124833	0.11761522	3.47E-05	0.0044724	-0.023601
9mo_SIGAF3_	0.08252756	0.48737976	6.35E-05	0.017892	0.1271
9mo_SIGAF3_	0.0218285	0.12111606	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.07928705	0.46782622	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.0800928	0.4726882	6.32E-05	0.016594	0.13446
9mo_SIGAF3_	0.03701393	0.21274632	4.76E-05	0.0043355	-0.057524
9mo_SIGAF3_	0.01666509	0.08995955	3.31E-05	0.0050879	0.10435
9mo_SIGAF3_	0.09714244	0.57556725	6.51E-05	0.023799	-0.065044
9mo_SIGAF3_	0.02150833	0.11918408	3.49E-05	0.0044169	-0.0356
9mo_SIGAF3_	0.02408039	0.13470413	3.61E-05	0.0042401	-0.073623
9mo_SIGAF3_	0.03658875	0.21018074	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.06357089	0.37299344	6.10E-05	0.0098069	0.089169
9mo_SIGAF3_	0.07935883	0.46825933	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.07600111	0.44799852	6.26E-05	0.0148	0.13453
9mo_SIGAF3_	0.03257927	0.1859872	4.32E-05	0.0041142	-0.094772
9mo_SIGAF3_	0.01787692	0.09727186	3.34E-05	0.0049043	0.067421
9mo_SIGAF3_	0.11043972	0.6558042	6.60E-05	0.02558	-0.27396
9mo_SIGAF3_	0.01377366	0.07251237	3.25E-05	0.0056405	0.20898

9mo_SIGAF3_	0.0913526	0.5406308	6.45E-05	0.021822	0.036126
9mo_SIGAF3_	0.0679037	0.399138	6.15E-05	0.011255	0.10734
9mo_SIGAF3_	0.07810225	0.460677	6.29E-05	0.015819	0.13662
9mo_SIGAF3_	0.05102554	0.2972937	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.01993746	0.10970531	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.06397511	0.37543258	6.10E-05	0.0098069	0.091185
9mo_SIGAF3_	0.02487394	0.13949248	3.68E-05	0.0041768	-0.086782
9mo_SIGAF3_	0.08340911	0.4926991	6.36E-05	0.018151	0.12117
9mo_SIGAF3_	0.01977096	0.10870062	3.42E-05	0.0045972	0.0032259
9mo_SIGAF3_	0.01283425	0.06684392	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.05709906	0.33394185	5.99E-05	0.0076952	0.070131
9mo_SIGAF3_	0.03593033	0.20620778	4.65E-05	0.0042637	-0.068307
9mo_SIGAF3_	0.01288699	0.06716214	3.23E-05	0.0059016	0.25518
9mo_SIGAF3_	0.11692014	0.6949077	6.64E-05	0.024986	-0.33868
9mo_SIGAF3_	0.05118989	0.29828534	5.81E-05	0.006215	0.051138
9mo_SIGAF3_	0.04430109	0.2567177	5.42E-05	0.0050757	0.012967
9mo_SIGAF3_	0.09682678	0.5736625	6.51E-05	0.023799	-0.055297
9mo_SIGAF3_	0.01842399	0.10057289	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.0367666	0.2112539	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.02337396	0.13044146	3.58E-05	0.0042778	-0.065623
9mo_SIGAF3_	0.0075954	0.03523218	3.19E-05	0.0073923	0.48652
9mo_SIGAF3_	0.05441463	0.31774372	5.92E-05	0.0069681	0.062513
9mo_SIGAF3_	0.01222779	0.06318445	3.23E-05	0.0060411	0.2791
9mo_SIGAF3_	0.046652	0.27090335	5.57E-05	0.0054037	0.028707
9mo_SIGAF3_	0.05259909	0.30678862	5.87E-05	0.0065755	0.057248
9mo_SIGAF3_	0.05789065	0.33871835	6.00E-05	0.0078516	0.073002
9mo_SIGAF3_	0.01599477	0.08591475	3.30E-05	0.0051875	0.12392
9mo_SIGAF3_	0.07796217	0.45983174	6.29E-05	0.015562	0.13662
9mo_SIGAF3_	0.11940596	0.70990735	6.65E-05	0.024704	-0.36308
9mo_SIGAF3_	0.03644532	0.20931529	4.70E-05	0.0042982	-0.062998
9mo_SIGAF3_	0.05697485	0.33319235	5.99E-05	0.0076952	0.070131
9mo_SIGAF3_	0.02301205	0.12825769	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.02041642	0.11259545	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.14361742	0.85600156	6.75E-05	0.023613	-0.50792
9mo_SIGAF3_	0.01534748	0.08200899	3.28E-05	0.0052924	0.1442
9mo_SIGAF3_	0.01819168	0.09917114	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.02234252	0.1242177	3.52E-05	0.0043661	-0.046619
9mo_SIGAF3_	0.07319975	0.43109486	6.23E-05	0.013561	0.12737
9mo_SIGAF3_	0.07622498	0.4493494	6.26E-05	0.0148	0.1354
9mo_SIGAF3_	0.05585674	0.32644555	5.97E-05	0.0073934	0.067199
9mo_SIGAF3_	0.10080146	0.5976461	6.54E-05	0.024809	-0.12375
9mo_SIGAF3_	0.01823194	0.09941404	3.36E-05	0.0048202	0.050123
9mo_SIGAF3_	0.01924015	0.10549767	3.40E-05	0.0046667	0.017998

9mo_SIGAF3_	0.02274768	0.12666246	3.55E-05	0.0043197	-0.056631
9mo_SIGAF3_	0.04754576	0.27629635	5.64E-05	0.0055867	0.035328
9mo_SIGAF3_	0.04788481	0.27834222	5.64E-05	0.0055867	0.038361
9mo_SIGAF3_	0.12665284	0.7536357	6.68E-05	0.023879	-0.41707
9mo_SIGAF3_	0.08064126	0.4759976	6.32E-05	0.016854	0.13314
9mo_SIGAF3_	0.0721221	0.42459223	6.21E-05	0.01308	0.12348
9mo_SIGAF3_	0.0084	0.04008722	3.19E-05	0.0071994	0.45929
9mo_SIGAF3_	0.02846904	0.16118564	3.93E-05	0.004074	-0.10603
9mo_SIGAF3_	0.07908548	0.46660993	6.31E-05	0.016335	0.13613
9mo_SIGAF3_	0.02070006	0.11430693	3.44E-05	0.0045325	-0.01065
9mo_SIGAF3_	0.05129842	0.29894024	5.81E-05	0.006215	0.053285
9mo_SIGAF3_	0.06572203	0.38597363	6.12E-05	0.01041	0.097788
9mo_SIGAF3_	0.02107736	0.1165836	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.07821024	0.4613286	6.29E-05	0.015819	0.13662
5mo_SIGAE9_	0.01060128	0.05336997	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.1245626	0.741023	6.68E-05	0.024034	-0.40152
5mo_SIGAE9_	0.0991378	0.5876074	6.53E-05	0.02442	-0.094455
5mo_SIGAE9_	0.04937412	0.2873288	5.73E-05	0.0058857	0.04392
5mo_SIGAE9_	0.01981243	0.10895088	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.02500892	0.140307	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.07541215	0.44444472	6.26E-05	0.014549	0.13345
5mo_SIGAE9_	0.10899036	0.64705867	6.59E-05	0.025616	-0.25305
5mo_SIGAE9_	0.08323202	0.4916305	6.36E-05	0.018151	0.12434
5mo_SIGAE9_	0.02929161	0.16614912	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.0179295	0.09758912	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.12505828	0.74401397	6.68E-05	0.024034	-0.40548
5mo_SIGAE9_	0.01414782	0.07477012	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.03275788	0.18706492	4.32E-05	0.0041142	-0.094772
5mo_SIGAE9_	0.04812257	0.27977687	5.67E-05	0.0056831	0.038361
5mo_SIGAE9_	0.05263155	0.3069845	5.87E-05	0.0065755	0.057248
5mo_SIGAE9_	0.08662168	0.512084	6.40E-05	0.019681	0.093363
5mo_SIGAE9_	0.09900822	0.5868255	6.52E-05	0.024275	-0.094455
5mo_SIGAE9_	0.01164942	0.05969454	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.08335677	0.49238324	6.36E-05	0.018151	0.12117
5mo_SIGAE9_	0.01960308	0.10768766	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.01550202	0.0829415	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01953076	0.10725126	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.02621635	0.14759274	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.0344314	0.19716312	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.06782043	0.39863557	6.15E-05	0.011255	0.10734
5mo_SIGAE9_	0.08424641	0.49775144	6.37E-05	0.018667	0.1176
5mo_SIGAE9_	0.03694575	0.21233492	4.70E-05	0.0042982	-0.057524
5mo_SIGAE9_	0.08088257	0.47745374	6.33E-05	0.017113	0.13314

5mo_SIGAE9_	0.0511906	0.29828963	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.05469814	0.3194545	5.94E-05	0.0071062	0.064127
5mo_SIGAE9_	0.02530188	0.1420747	3.68E-05	0.0041768	-0.092011
5mo_SIGAE9_	0.01452787	0.07706335	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.02749651	0.15531734	3.84E-05	0.0040947	-0.10472
5mo_SIGAE9_	0.09966235	0.59077257	6.53E-05	0.024558	-0.10426
5mo_SIGAE9_	0.08231069	0.48607114	6.35E-05	0.017633	0.1271
5mo_SIGAE9_	0.02301429	0.1282712	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.12204192	0.725813	6.66E-05	0.02435	-0.38515
5mo_SIGAE9_	0.0211711	0.11714926	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.01333933	0.06989161	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.0162234	0.08729434	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.03959123	0.22829798	4.98E-05	0.0045122	-0.034672
5mo_SIGAE9_	0.06750997	0.39676222	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.10100341	0.5988647	6.54E-05	0.024809	-0.13341
5mo_SIGAE9_	0.04210386	0.24345943	5.24E-05	0.0047963	-0.00654
5mo_SIGAE9_	0.08920782	0.52768904	6.43E-05	0.020902	0.067165
5mo_SIGAE9_	0.11142403	0.66174364	6.61E-05	0.025525	-0.28705
5mo_SIGAE9_	0.00843429	0.04029414	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.09129338	0.5402735	6.45E-05	0.021822	0.036126
5mo_SIGAE9_	0.01987257	0.10931379	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.02030261	0.1119087	3.42E-05	0.0045972	-0.01065
5mo_SIGAE9_	0.01805108	0.09832274	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.0351643	0.20158552	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.0420884	0.24336615	5.24E-05	0.0047963	-0.00654
5mo_SIGAE9_	0.02949761	0.16739218	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.02662714	0.15007146	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.11373975	0.67571694	6.62E-05	0.025353	-0.31137
5mo_SIGAE9_	0.05251632	0.30628914	5.87E-05	0.0065755	0.057248
5mo_SIGAE9_	0.02671661	0.15061134	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.04271073	0.24712136	5.29E-05	0.0048617	-0.0013165
5mo_SIGAE9_	0.07637612	0.45026135	6.27E-05	0.015053	0.1354
5mo_SIGAE9_	0.08648553	0.5112624	6.40E-05	0.019681	0.099025
5mo_SIGAE9_	0.0821739	0.4852457	6.35E-05	0.017633	0.1271
5mo_SIGAE9_	0.09201118	0.5446047	6.46E-05	0.022042	0.027741
5mo_SIGAE9_	0.0917882	0.54325926	6.45E-05	0.021822	0.027741
5mo_SIGAE9_	0.0723417	0.42591733	6.21E-05	0.01308	0.12548
5mo_SIGAE9_	0.01644741	0.08864602	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.09610043	0.5692796	6.50E-05	0.023448	-0.045608
5mo_SIGAE9_	0.01332854	0.06982646	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01140367	0.05821165	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.05678339	0.33203703	5.98E-05	0.0075425	0.070131
5mo_SIGAE9_	0.06285169	0.36865374	6.08E-05	0.0094206	0.087254

5mo_SIGAE9_	0.09152999	0.5417012	6.45E-05	0.021822	0.027741
5mo_SIGAE9_	0.05684012	0.3323794	5.98E-05	0.0075425	0.070131
5mo_SIGAE9_	0.02020557	0.1113231	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.03546414	0.20339477	4.59E-05	0.0042319	-0.073417
5mo_SIGAE9_	0.11010496	0.6537843	6.60E-05	0.025599	-0.26716
5mo_SIGAE9_	0.0320917	0.18304516	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.01593941	0.08558072	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.02479624	0.13902366	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.11737724	0.6976659	6.64E-05	0.024917	-0.34377
5mo_SIGAE9_	0.10271806	0.609211	6.55E-05	0.025127	-0.16182
5mo_SIGAE9_	0.00709737	0.03222703	3.19E-05	0.0075925	0.51404
5mo_SIGAE9_	0.01671157	0.09023998	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.05529251	0.32304093	5.95E-05	0.007248	0.065685
5mo_SIGAE9_	0.0185008	0.10103636	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.01925759	0.10560289	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.03522049	0.20192455	4.54E-05	0.0042028	-0.073417
5mo_SIGAE9_	0.02132067	0.11805173	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.02676283	0.15089025	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.00664231	0.02948117	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.01277657	0.06649588	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.12998459	0.77373976	6.70E-05	0.023664	-0.43912
5mo_SIGAE9_	0.01557049	0.08335465	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.00738325	0.0339521	3.19E-05	0.0075925	0.51404
5mo_SIGAE9_	0.02955574	0.16774294	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.04643223	0.26957723	5.57E-05	0.0054037	0.028707
5mo_SIGAE9_	0.01828729	0.09974808	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.13725957	0.8176377	6.73E-05	0.023528	-0.48029
5mo_SIGAE9_	0.01882991	0.10302229	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.07004275	0.41204527	6.18E-05	0.012147	0.11689
5mo_SIGAE9_	0.02204959	0.12245011	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.08722907	0.5157491	6.41E-05	0.01993	0.087329
5mo_SIGAE9_	0.05947869	0.34830076	6.03E-05	0.0083426	0.075889
5mo_SIGAE9_	0.03329416	0.19030091	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.01459146	0.07744706	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01896674	0.10384791	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.03138578	0.17878555	4.16E-05	0.0040771	-0.10071
5mo_SIGAE9_	0.01983729	0.10910088	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.06396055	0.3753447	6.10E-05	0.0098069	0.091185
5mo_SIGAE9_	0.11629973	0.6911641	6.64E-05	0.025054	-0.33347
5mo_SIGAE9_	0.02886244	0.16355948	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.03937551	0.22699635	4.98E-05	0.0045122	-0.034672
5mo_SIGAE9_	0.11246208	0.6680074	6.62E-05	0.025448	-0.29336
5mo_SIGAE9_	0.13584267	0.80908793	6.72E-05	0.023527	-0.47464

5mo_SIGAE9_	0.038643	0.22257628	4.92E-05	0.0044639	-0.040459
5mo_SIGAE9_	0.03555011	0.20391348	4.59E-05	0.0042319	-0.073417
5mo_SIGAE9_	0.01994506	0.10975117	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.07482408	0.44089624	6.25E-05	0.014299	0.13218
5mo_SIGAE9_	0.03547603	0.20346649	4.59E-05	0.0042319	-0.073417
5mo_SIGAE9_	0.08455473	0.49961188	6.37E-05	0.018667	0.1136
5mo_SIGAE9_	0.05138181	0.29944342	5.83E-05	0.0063316	0.053285
5mo_SIGAE9_	0.00690965	0.03109431	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.02590431	0.14570983	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.01954997	0.10736716	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.01268119	0.06592031	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.02349103	0.13114788	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.02087883	0.11538564	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.10366232	0.6149088	6.56E-05	0.025296	-0.17104
5mo_SIGAE9_	0.02255149	0.1254786	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.10894761	0.6468007	6.59E-05	0.025616	-0.25305
5mo_SIGAE9_	0.03525397	0.20212658	4.54E-05	0.0042028	-0.073417
5mo_SIGAE9_	0.01716222	0.09295928	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.11271485	0.6695326	6.62E-05	0.025448	-0.29951
5mo_SIGAE9_	0.12951507	0.7709066	6.70E-05	0.023664	-0.43556
5mo_SIGAE9_	0.01325112	0.06935933	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.05042706	0.29368243	5.78E-05	0.0061018	0.048868
5mo_SIGAE9_	0.01111802	0.056488	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.01014099	0.05059253	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.00784242	0.03672277	3.19E-05	0.0073923	0.48652
5mo_SIGAE9_	0.12382931	0.73659825	6.67E-05	0.024153	-0.39752
5mo_SIGAE9_	0.01394584	0.07355136	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.08491256	0.50177103	6.38E-05	0.018923	0.10916
5mo_SIGAE9_	0.0662529	0.3891769	6.13E-05	0.010616	0.10013
5mo_SIGAE9_	0.01218824	0.0629458	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.02151411	0.11921898	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.0289456	0.16406125	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.07464697	0.43982753	6.25E-05	0.014299	0.13218
5mo_SIGAE9_	0.05405573	0.31557813	5.91E-05	0.0068337	0.062513
5mo_SIGAE9_	0.00973865	0.04816476	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.10949676	0.6501143	6.60E-05	0.025611	-0.2602
5mo_SIGAE9_	0.01534156	0.08197325	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.03483708	0.19961098	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.10234433	0.60695595	6.55E-05	0.025029	-0.15246
5mo_SIGAE9_	0.0099348	0.04934838	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.09652551	0.5718446	6.50E-05	0.023626	-0.055297
5mo_SIGAE9_	0.02943411	0.16700898	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.00629705	0.02739786	3.18E-05	0.008015	0.56984

5mo_SIGAE9_	0.10536878	0.6252057	6.57E-05	0.025482	-0.20623
5mo_SIGAE9_	0.0235556	0.13153753	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.01286567	0.06703347	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.0918396	0.54356945	6.46E-05	0.022042	0.027741
5mo_SIGAE9_	0.09032851	0.53445137	6.44E-05	0.021369	0.05218
5mo_SIGAE9_	0.0169892	0.09191523	3.31E-05	0.0050879	0.085504
5mo_SIGAE9_	0.0764841	0.45091292	6.27E-05	0.015053	0.1354
5mo_SIGAE9_	0.04931166	0.28695196	5.73E-05	0.0058857	0.04392
5mo_SIGAE9_	0.1130865	0.67177516	6.62E-05	0.025403	-0.30551
5mo_SIGAE9_	0.08928459	0.5281522	6.43E-05	0.020902	0.067165
5mo_SIGAE9_	0.01265397	0.06575608	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.08156353	0.4815627	6.34E-05	0.017373	0.13148
5mo_SIGAE9_	0.01490062	0.07931258	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.01721037	0.09324984	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.0406126	0.23446102	5.09E-05	0.0046173	-0.023154
5mo_SIGAE9_	0.02608448	0.14679702	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.09830493	0.5825818	6.52E-05	0.024123	-0.084641
5mo_SIGAE9_	0.03005376	0.17074803	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.02903992	0.16463041	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.01208896	0.06234678	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.02142072	0.11865544	3.47E-05	0.0044724	-0.0356
5mo_SIGAE9_	0.09842777	0.583323	6.52E-05	0.024123	-0.084641
5mo_SIGAE9_	0.02755689	0.1556817	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.00814602	0.03855467	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.04140307	0.23923078	5.19E-05	0.0047337	-0.011944
5mo_SIGAE9_	0.07785385	0.45917815	6.29E-05	0.015562	0.13662
5mo_SIGAE9_	0.02149082	0.11907845	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.02104542	0.11639085	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.01456666	0.0772974	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.15450627	0.92170584	6.78E-05	0.023711	-0.52667
5mo_SIGAE9_	0.0306709	0.17447188	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.01519587	0.08109414	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.07993123	0.47171324	6.32E-05	0.016594	0.13446
5mo_SIGAE9_	0.08806492	0.52079266	6.42E-05	0.020421	0.080939
5mo_SIGAE9_	0.01838417	0.10033266	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.02670891	0.15056486	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.11116783	0.6601977	6.61E-05	0.025556	-0.28058
5mo_SIGAE9_	0.04042764	0.23334497	5.09E-05	0.0046173	-0.023154
5mo_SIGAE9_	0.09372409	0.5549406	6.48E-05	0.022676	0.0013661
5mo_SIGAE9_	0.07504195	0.44221088	6.25E-05	0.014299	0.13345
5mo_SIGAE9_	0.03348582	0.1914574	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.02721372	0.15361096	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.0199971	0.11006519	3.42E-05	0.0045972	0.0032259

5mo_SIGAE9_	0.09217314	0.545582	6.46E-05	0.022042	0.019141
5mo_SIGAE9_	0.02035876	0.1122475	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.01568142	0.08402397	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.03668059	0.21073493	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.09430537	0.55844814	6.48E-05	0.022877	-0.017059
5mo_SIGAE9_	0.0120203	0.06193243	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.08873987	0.5248653	6.42E-05	0.020663	0.074212
5mo_SIGAE9_	0.05664137	0.3311801	5.98E-05	0.0075425	0.068678
5mo_SIGAE9_	0.03194384	0.18215294	4.22E-05	0.0040866	-0.097962
5mo_SIGAE9_	0.01758294	0.09549795	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.04884335	0.2841261	5.70E-05	0.0057827	0.041222
5mo_SIGAE9_	0.01330187	0.06966556	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.10996769	0.65295595	6.60E-05	0.025599	-0.26716
5mo_SIGAE9_	0.02526327	0.14184174	3.68E-05	0.0041768	-0.092011
5mo_SIGAE9_	0.10827582	0.6427471	6.59E-05	0.025614	-0.24573
5mo_SIGAE9_	0.06655509	0.3910004	6.13E-05	0.010826	0.10013
5mo_SIGAE9_	0.02753611	0.15555626	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.10375512	0.61546874	6.56E-05	0.025296	-0.18011
5mo_SIGAE9_	0.06623025	0.3890403	6.13E-05	0.010616	0.10013
5mo_SIGAE9_	0.1249094	0.7431156	6.68E-05	0.024034	-0.40548
5mo_SIGAE9_	0.01464074	0.07774444	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01454876	0.07718943	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.11481235	0.6821891	6.63E-05	0.025242	-0.32268
5mo_SIGAE9_	0.01302144	0.06797345	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.03239873	0.18489781	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.01634953	0.0880554	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.06536504	0.3838195	6.12E-05	0.01041	0.095509
5mo_SIGAE9_	0.05106703	0.297544	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.00972504	0.04808267	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.07298632	0.429807	6.23E-05	0.013561	0.12737
5mo_SIGAE9_	0.11925165	0.7089762	6.65E-05	0.024704	-0.36308
5mo_SIGAE9_	0.04754169	0.27627176	5.64E-05	0.0055867	0.035328
5mo_SIGAE9_	0.02151441	0.11922079	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.02797287	0.15819177	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.01548008	0.08280911	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.02853119	0.1615607	3.93E-05	0.004074	-0.10603
5mo_SIGAE9_	0.00896003	0.04346649	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.02381624	0.13311027	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.0208963	0.11549106	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.07763587	0.45786282	6.29E-05	0.015562	0.13646
5mo_SIGAE9_	0.09361334	0.55427235	6.48E-05	0.022676	0.0013661
5mo_SIGAE9_	0.09063723	0.5363142	6.44E-05	0.021369	0.044278
5mo_SIGAE9_	0.01433919	0.07592485	3.26E-05	0.0055188	0.18676

5mo_SIGAE9_	0.01274452	0.06630249	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.03374328	0.19301093	4.43E-05	0.004153	-0.087207
5mo_SIGAE9_	0.01625329	0.08747467	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.055896	0.32668245	5.97E-05	0.0073934	0.067199
5mo_SIGAE9_	0.12053674	0.7167306	6.66E-05	0.024561	-0.37215
5mo_SIGAE9_	0.02895126	0.16409545	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.09561785	0.56636775	6.49E-05	0.023263	-0.035993
5mo_SIGAE9_	0.02199149	0.12209955	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.04749032	0.27596185	5.64E-05	0.0055867	0.035328
5mo_SIGAE9_	0.02720822	0.1535778	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.01276834	0.0664462	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.01858828	0.10156423	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.08486889	0.5015075	6.38E-05	0.018923	0.1136
5mo_SIGAE9_	0.0319841	0.18239586	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.03641378	0.20912495	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.01684106	0.09102138	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.03618273	0.20773079	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.02949897	0.16740035	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.10373842	0.615368	6.56E-05	0.025296	-0.18011
5mo_SIGAE9_	0.01668372	0.09007194	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.00745369	0.0343771	3.19E-05	0.0075925	0.51404
5mo_SIGAE9_	0.06857024	0.40316	6.16E-05	0.011695	0.10977
5mo_SIGAE9_	0.01392947	0.07345257	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.02541318	0.14274634	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.06529101	0.3833728	6.12E-05	0.01041	0.095509
5mo_SIGAE9_	0.01745757	0.09474143	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.13110705	0.7805128	6.70E-05	0.023618	-0.44608
5mo_SIGAE9_	0.02465918	0.13819665	3.64E-05	0.0042065	-0.080664
5mo_SIGAE9_	0.01921416	0.10534083	3.38E-05	0.004741	0.017998
5mo_SIGAE9_	0.10791487	0.64056903	6.59E-05	0.025614	-0.23822
5mo_SIGAE9_	0.03387399	0.19379963	4.43E-05	0.004153	-0.087207
5mo_SIGAE9_	0.0228533	0.12729976	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.06937978	0.40804482	6.17E-05	0.01192	0.11218
5mo_SIGAE9_	0.02968212	0.16850553	4.02E-05	0.0040662	-0.10597
5mo_SIGAE9_	0.089177	0.527503	6.43E-05	0.020902	0.067165
5mo_SIGAE9_	0.02368793	0.13233604	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.0367273	0.21101679	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.01594671	0.08562478	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.01376509	0.07246068	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.01446293	0.07667148	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.00911683	0.04441266	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.10359945	0.61452943	6.56E-05	0.025296	-0.17104
5mo_SIGAE9_	0.01553054	0.08311357	3.28E-05	0.0052924	0.1442

5mo_SIGAE9_	0.0288265	0.16334264	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.0078346	0.03667552	3.19E-05	0.0073923	0.48652
5mo_SIGAE9_	0.01780493	0.09683745	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.01319669	0.06903093	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01336355	0.07003772	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.04674128	0.2714421	5.57E-05	0.0054037	0.028707
5mo_SIGAE9_	0.01557402	0.08337592	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01123669	0.05720411	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.08849603	0.523394	6.42E-05	0.020421	0.074212
5mo_SIGAE9_	0.06115709	0.35842836	6.06E-05	0.008866	0.082025
5mo_SIGAE9_	0.03450167	0.19758712	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.10424311	0.6184133	6.56E-05	0.025367	-0.18901
5mo_SIGAE9_	0.01644107	0.0886078	3.30E-05	0.0051875	0.10435
5mo_SIGAE9_	0.01514084	0.08076207	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.02670634	0.15054935	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.07208245	0.424353	6.21E-05	0.01308	0.12348
5mo_SIGAE9_	0.03486427	0.19977506	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.07762258	0.45778263	6.29E-05	0.015562	0.13646
5mo_SIGAE9_	0.09750506	0.57775533	6.51E-05	0.023964	-0.065044
5mo_SIGAE9_	0.01519473	0.08108728	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.0141845	0.07499141	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.14248389	0.84916174	6.74E-05	0.023593	-0.50412
5mo_SIGAE9_	0.09584126	0.56771576	6.50E-05	0.023448	-0.035993
5mo_SIGAE9_	0.03213303	0.18329452	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.06059941	0.35506326	6.05E-05	0.008688	0.080421
5mo_SIGAE9_	0.1245124	0.7407201	6.67E-05	0.024092	-0.40152
5mo_SIGAE9_	0.07971218	0.47039148	6.32E-05	0.016594	0.13545
5mo_SIGAE9_	0.0132265	0.06921075	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02556874	0.14368501	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.07035888	0.4139528	6.19E-05	0.012376	0.11689
5mo_SIGAE9_	0.07929171	0.46785432	6.31E-05	0.016335	0.13613
5mo_SIGAE9_	0.03171023	0.18074332	4.22E-05	0.0040866	-0.10071
5mo_SIGAE9_	0.02806947	0.15877466	3.88E-05	0.0040827	-0.10603
5mo_SIGAE9_	0.01938487	0.10637095	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.10967597	0.6511957	6.60E-05	0.025599	-0.2602
5mo_SIGAE9_	0.01715165	0.09289552	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.02505844	0.1406058	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.07107558	0.41827744	6.20E-05	0.012608	0.11916
5mo_SIGAE9_	0.02398028	0.13410008	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.08930198	0.5282572	6.43E-05	0.020902	0.067165
5mo_SIGAE9_	0.01346426	0.07064543	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.06710287	0.39430574	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.10331994	0.6128428	6.56E-05	0.025216	-0.17104

5mo_SIGAE9_	0.0901692	0.53349006	6.44E-05	0.021369	0.05218
5mo_SIGAE9_	0.04848395	0.28195748	5.67E-05	0.0056831	0.041222
5mo_SIGAE9_	0.06883266	0.40474343	6.16E-05	0.011695	0.10977
5mo_SIGAE9_	0.0709111	0.41728497	6.20E-05	0.012608	0.11916
5mo_SIGAE9_	0.07131813	0.41974097	6.20E-05	0.012843	0.12136
5mo_SIGAE9_	0.01855995	0.1013933	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.02941258	0.16687906	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.0903194	0.53439635	6.44E-05	0.021369	0.05218
5mo_SIGAE9_	0.0506528	0.29504448	5.78E-05	0.0061018	0.051138
5mo_SIGAE9_	0.02129122	0.11787403	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.01410199	0.07449359	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.10898529	0.6470281	6.59E-05	0.025616	-0.25305
5mo_SIGAE9_	0.12452979	0.74082506	6.68E-05	0.024034	-0.40152
5mo_SIGAE9_	0.01451542	0.07698824	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.03732685	0.21463452	4.76E-05	0.0043355	-0.057524
5mo_SIGAE9_	0.07584997	0.44708657	6.26E-05	0.0148	0.13453
5mo_SIGAE9_	0.02219337	0.12331772	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.07057096	0.4152325	6.19E-05	0.012376	0.11916
5mo_SIGAE9_	0.01902457	0.10419687	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.08808204	0.52089596	6.42E-05	0.020421	0.080939
5mo_SIGAE9_	0.05117016	0.2981663	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.03623236	0.20803027	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.01658221	0.08945943	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.01469725	0.07808541	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.07025487	0.4133252	6.19E-05	0.012376	0.11689
5mo_SIGAE9_	0.07462803	0.43971327	6.24E-05	0.014051	0.13218
5mo_SIGAE9_	0.00822382	0.03902417	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.01817943	0.09909721	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.0729967	0.42986965	6.23E-05	0.013561	0.12737
5mo_SIGAE9_	0.08362992	0.4940315	6.37E-05	0.01841	0.12117
5mo_SIGAE9_	0.11538079	0.6856191	6.63E-05	0.025182	-0.32814
5mo_SIGAE9_	0.01575777	0.08448467	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.06490181	0.38102433	6.11E-05	0.010206	0.093303
5mo_SIGAE9_	0.01046794	0.05256537	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.0186136	0.10171701	3.36E-05	0.0048202	0.03364
5mo_SIGAE9_	0.01521874	0.08123211	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.02802116	0.1584831	3.88E-05	0.0040827	-0.10603
5mo_SIGAE9_	0.00686372	0.03081721	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.04897785	0.28493774	5.70E-05	0.0057827	0.041222
5mo_SIGAE9_	0.01510634	0.0805539	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.10942874	0.6497039	6.60E-05	0.025611	-0.2602
5mo_SIGAE9_	0.01741692	0.09449617	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.01675603	0.0905083	3.31E-05	0.0050879	0.10435

5mo_SIGAE9_	0.0204581	0.11284689	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.02271489	0.12646464	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.01228704	0.06354199	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.08147872	0.4810509	6.34E-05	0.017373	0.13148
5mo_SIGAE9_	0.10743518	0.63767457	6.59E-05	0.025604	-0.23052
5mo_SIGAE9_	0.09396993	0.556424	6.48E-05	0.022676	-0.0077738
5mo_SIGAE9_	0.037522	0.21581209	4.81E-05	0.0043756	-0.05192
5mo_SIGAE9_	0.01783571	0.0970232	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.01022281	0.05108624	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.05847845	0.34226522	6.01E-05	0.0080116	0.074438
5mo_SIGAE9_	0.03879276	0.22347993	4.92E-05	0.0044639	-0.040459
5mo_SIGAE9_	0.04784619	0.27810922	5.64E-05	0.0055867	0.035328
5mo_SIGAE9_	0.0134524	0.07057386	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02323569	0.12960714	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.00445327	0.01627232	3.18E-05	0.0087056	0.65503
5mo_SIGAE9_	0.03294451	0.18819106	4.32E-05	0.0041142	-0.094772
5mo_SIGAE9_	0.01133944	0.0578241	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.00950883	0.046778	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.00864913	0.04159048	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.01953507	0.10727727	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.05676949	0.3319532	5.98E-05	0.0075425	0.070131
5mo_SIGAE9_	0.01781979	0.09692712	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.04035289	0.23289388	5.09E-05	0.0046173	-0.023154
5mo_SIGAE9_	0.03302999	0.18870685	4.32E-05	0.0041142	-0.091175
5mo_SIGAE9_	0.02049952	0.11309686	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.0448605	0.26009327	5.46E-05	0.0051531	0.017239
5mo_SIGAE9_	0.03068607	0.17456345	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.0091123	0.04438529	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.09143948	0.54115504	6.45E-05	0.021822	0.036126
5mo_SIGAE9_	0.07340752	0.4323486	6.23E-05	0.013561	0.12913
5mo_SIGAE9_	0.01266119	0.06579965	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.01724996	0.09348867	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.01186536	0.06099753	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.10397781	0.6168125	6.56E-05	0.025296	-0.18011
5mo_SIGAE9_	0.11812054	0.702151	6.65E-05	0.024847	-0.35363
5mo_SIGAE9_	0.11924017	0.708907	6.65E-05	0.024704	-0.36308
5mo_SIGAE9_	0.11157057	0.66262794	6.61E-05	0.025525	-0.28705
5mo_SIGAE9_	0.11792425	0.7009666	6.65E-05	0.024847	-0.34876
5mo_SIGAE9_	0.06346609	0.37236112	6.09E-05	0.0096122	0.089169
5mo_SIGAE9_	0.09027433	0.53412443	6.44E-05	0.021369	0.05218
5mo_SIGAE9_	0.02541526	0.14275888	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.07439841	0.43832773	6.24E-05	0.014051	0.13074
5mo_SIGAE9_	0.02481539	0.1391392	3.68E-05	0.0041768	-0.086782

5mo_SIGAE9_	0.01463355	0.07770102	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.03313767	0.18935661	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.01887072	0.10326854	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.01901192	0.10412051	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.02089019	0.11545418	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.07440803	0.43838575	6.24E-05	0.014051	0.13218
5mo_SIGAE9_	0.07069605	0.4159873	6.19E-05	0.012376	0.11916
5mo_SIGAE9_	0.0287165	0.16267885	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.02471883	0.13855655	3.64E-05	0.0042065	-0.086782
5mo_SIGAE9_	0.01982333	0.10901665	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.06756298	0.39708206	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.02915081	0.16529956	3.97E-05	0.0040686	-0.10661
5mo_SIGAE9_	0.02914422	0.1652598	3.97E-05	0.0040686	-0.10661
5mo_SIGAE9_	0.01793204	0.09760441	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.06670827	0.3919247	6.13E-05	0.010826	0.10251
5mo_SIGAE9_	0.14612518	0.8711336	6.75E-05	0.02365	-0.51443
5mo_SIGAE9_	0.05117322	0.29818478	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.07538477	0.4442795	6.26E-05	0.014549	0.13345
5mo_SIGAE9_	0.0826828	0.48831648	6.35E-05	0.017892	0.1271
5mo_SIGAE9_	0.04398779	0.25482726	5.38E-05	0.0050014	0.008455
5mo_SIGAE9_	0.01771808	0.09631335	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.07770453	0.45827717	6.29E-05	0.015562	0.13646
5mo_SIGAE9_	0.0367836	0.21135649	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.01881174	0.10291261	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.02336139	0.13036567	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.01899441	0.1040149	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.01255058	0.06513223	3.23E-05	0.0060411	0.25518
5mo_SIGAE9_	0.01346631	0.07065783	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.04985305	0.29021877	5.76E-05	0.005992	0.046466
5mo_SIGAE9_	0.04943335	0.2876863	5.73E-05	0.0058857	0.04392
5mo_SIGAE9_	0.02263819	0.12600179	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.02889846	0.16377681	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.11654146	0.6926227	6.64E-05	0.025054	-0.33868
5mo_SIGAE9_	0.00523561	0.02099304	3.18E-05	0.0084677	0.62647
5mo_SIGAE9_	0.01661158	0.08963667	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.02850656	0.16141208	3.93E-05	0.004074	-0.10603
5mo_SIGAE9_	0.09126663	0.540112	6.45E-05	0.021597	0.036126
5mo_SIGAE9_	0.11891785	0.70696205	6.65E-05	0.024776	-0.3584
5mo_SIGAE9_	0.12013765	0.71432245	6.66E-05	0.024561	-0.36766
5mo_SIGAE9_	0.03168714	0.18060401	4.22E-05	0.0040866	-0.10071
5mo_SIGAE9_	0.04520409	0.26216653	5.46E-05	0.0051531	0.021279
5mo_SIGAE9_	0.05302371	0.30935082	5.87E-05	0.0065755	0.059084
5mo_SIGAE9_	0.08796362	0.52018136	6.42E-05	0.020421	0.080939

5mo_SIGAE9_	0.01293648	0.06746075	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.02984708	0.1695009	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.02601089	0.14635299	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.01550172	0.08293964	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.13501845	0.8041146	6.72E-05	0.023533	-0.46872
5mo_SIGAE9_	0.11258008	0.66871935	6.62E-05	0.025448	-0.29951
5mo_SIGAE9_	0.03830341	0.22052719	4.87E-05	0.0044183	-0.04622
5mo_SIGAE9_	0.01102559	0.05593027	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.07527196	0.44359875	6.26E-05	0.014549	0.13345
5mo_SIGAE9_	0.05584657	0.3263842	5.97E-05	0.0073934	0.067199
5mo_SIGAE9_	0.01122874	0.05715613	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.04039181	0.23312879	5.09E-05	0.0046173	-0.023154
5mo_SIGAE9_	0.01353147	0.07105102	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.07040159	0.4142105	6.19E-05	0.012376	0.11689
5mo_SIGAE9_	0.08331539	0.49213356	6.36E-05	0.018151	0.12117
5mo_SIGAE9_	0.06592307	0.38718668	6.13E-05	0.010616	0.097788
5mo_SIGAE9_	0.03156667	0.17987707	4.22E-05	0.0040866	-0.10071
5mo_SIGAE9_	0.04763635	0.27684295	5.64E-05	0.0055867	0.035328
5mo_SIGAE9_	0.01124184	0.05723516	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.02491779	0.1397571	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.09819646	0.5819273	6.52E-05	0.024123	-0.084641
5mo_SIGAE9_	0.05233631	0.30520296	5.85E-05	0.0064518	0.057248
5mo_SIGAE9_	0.07142752	0.4204011	6.20E-05	0.012843	0.12136
5mo_SIGAE9_	0.0931422	0.5514294	6.47E-05	0.022469	0.010343
5mo_SIGAE9_	0.01578402	0.08464307	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.12004598	0.71376926	6.65E-05	0.024632	-0.36766
5mo_SIGAE9_	0.02117113	0.11714939	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.02943943	0.16704111	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.1287131	0.7660675	6.69E-05	0.023723	-0.43195
5mo_SIGAE9_	0.01571665	0.08423658	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01536898	0.08213869	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01404626	0.07415726	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.0262237	0.14763711	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.01300655	0.0678836	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.1114893	0.6621375	6.61E-05	0.025525	-0.28705
5mo_SIGAE9_	0.06770062	0.3979126	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.01781874	0.0969208	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.01531122	0.08179019	3.27E-05	0.0054028	0.1442
5mo_SIGAE9_	0.02231715	0.1240646	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.05113483	0.2979531	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.06802726	0.39988357	6.16E-05	0.011474	0.10734
5mo_SIGAE9_	0.02283526	0.12719092	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.13264649	0.7898019	6.71E-05	0.023568	-0.45613

5mo_SIGAE9_	0.08518868	0.50343716	6.39E-05	0.019177	0.10916
5mo_SIGAE9_	0.04998438	0.2910112	5.76E-05	0.005992	0.046466
5mo_SIGAE9_	0.02429278	0.1359857	3.64E-05	0.0042065	-0.080664
5mo_SIGAE9_	0.01354029	0.07110421	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02259241	0.12572557	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.02486902	0.13946278	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.03262758	0.18627866	4.32E-05	0.0041142	-0.094772
5mo_SIGAE9_	0.02334647	0.13027559	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.02213817	0.12298458	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.00688657	0.03095507	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.08258782	0.48774338	6.35E-05	0.017892	0.1271
5mo_SIGAE9_	0.01557055	0.08335497	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.03007995	0.17090608	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.06996307	0.41156444	6.18E-05	0.012147	0.11455
5mo_SIGAE9_	0.07187618	0.42310834	6.21E-05	0.01308	0.12348
5mo_SIGAE9_	0.1220864	0.7260814	6.66E-05	0.02435	-0.38515
5mo_SIGAE9_	0.09141149	0.5409861	6.45E-05	0.021822	0.036126
5mo_SIGAE9_	0.08455954	0.49964088	6.37E-05	0.018667	0.1136
5mo_SIGAE9_	0.10016926	0.59383136	6.53E-05	0.024687	-0.11403
5mo_SIGAE9_	0.02604133	0.14653662	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.02345511	0.13093115	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.08447454	0.499128	6.37E-05	0.018667	0.1136
5mo_SIGAE9_	0.11437385	0.67954314	6.63E-05	0.025299	-0.3171
5mo_SIGAE9_	0.03038373	0.1727391	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.06692425	0.39322793	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.02700429	0.1523472	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.01054761	0.05304608	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.03447932	0.19745228	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.02139597	0.1185061	3.47E-05	0.0044724	-0.0356
5mo_SIGAE9_	0.03532731	0.20256913	4.59E-05	0.0042319	-0.073417
5mo_SIGAE9_	0.04665228	0.27090505	5.57E-05	0.0054037	0.028707
5mo_SIGAE9_	0.10625498	0.6305531	6.58E-05	0.02556	-0.21453
5mo_SIGAE9_	0.02953398	0.16761161	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.0930823	0.551068	6.47E-05	0.022469	0.010343
5mo_SIGAE9_	0.13134468	0.78194666	6.70E-05	0.023599	-0.44949
5mo_SIGAE9_	0.02608521	0.1468014	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.01641993	0.08848022	3.30E-05	0.0051875	0.10435
5mo_SIGAE9_	0.02184188	0.12119678	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.08308177	0.49072388	6.36E-05	0.018151	0.12434
5mo_SIGAE9_	0.01781758	0.09691375	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.01872105	0.10236539	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.03432158	0.19650042	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.02706883	0.1527367	3.84E-05	0.0040947	-0.10271

5mo_SIGAE9_	0.01900974	0.1041074	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.05742834	0.33592877	5.99E-05	0.0076952	0.071569
5mo_SIGAE9_	0.01603407	0.08615191	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.02395988	0.13397697	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.01317137	0.06887811	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.08899432	0.52640074	6.42E-05	0.020663	0.067165
5mo_SIGAE9_	0.13756709	0.8194933	6.73E-05	0.02353	-0.48301
5mo_SIGAE9_	0.01375849	0.07242084	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.03111921	0.17717704	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.11256585	0.6686335	6.62E-05	0.025448	-0.29951
5mo_SIGAE9_	0.04861346	0.28273895	5.70E-05	0.0057827	0.041222
5mo_SIGAE9_	0.05231955	0.30510184	5.85E-05	0.0064518	0.057248
5mo_SIGAE9_	0.08097456	0.4780088	6.33E-05	0.017113	0.13314
5mo_SIGAE9_	0.03871901	0.22303492	4.92E-05	0.0044639	-0.040459
5mo_SIGAE9_	0.02198081	0.1220351	3.49E-05	0.0044169	-0.046619
5mo_SIGAE9_	0.02289114	0.12752812	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.0217412	0.12058924	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.06210531	0.36415005	6.07E-05	0.0092324	0.083692
5mo_SIGAE9_	0.02028672	0.11181282	3.42E-05	0.0045972	-0.01065
5mo_SIGAE9_	0.09886342	0.58595175	6.52E-05	0.024275	-0.094455
5mo_SIGAE9_	0.04276265	0.2474346	5.29E-05	0.0048617	-0.0013165
5mo_SIGAE9_	0.02284382	0.12724255	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.03119655	0.17764372	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.09082127	0.53742474	6.45E-05	0.021597	0.044278
5mo_SIGAE9_	0.0185843	0.10154024	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.01896067	0.10381129	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.01432042	0.0758116	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.03109436	0.17702709	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.02207046	0.12257607	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.08342046	0.4927676	6.36E-05	0.018151	0.12117
5mo_SIGAE9_	0.06752957	0.39688048	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.01485148	0.07901606	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.02142114	0.11865801	3.47E-05	0.0044724	-0.0356
5mo_SIGAE9_	0.0903485	0.53457195	6.44E-05	0.021369	0.05218
5mo_SIGAE9_	0.07420272	0.4371469	6.24E-05	0.014051	0.13074
5mo_SIGAE9_	0.01508359	0.08041666	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.01467847	0.07797208	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01471898	0.07821654	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.04244907	0.24554244	5.24E-05	0.0047963	-0.0013165
5mo_SIGAE9_	0.08719061	0.51551694	6.41E-05	0.01993	0.087329
5mo_SIGAE9_	0.02936188	0.16657317	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.02291354	0.12766327	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.01914881	0.10494653	3.38E-05	0.004741	0.03364

5mo_SIGAE9_	0.01861217	0.10170838	3.36E-05	0.0048202	0.03364
5mo_SIGAE9_	0.08485281	0.5014105	6.38E-05	0.018923	0.1136
5mo_SIGAE9_	0.08119914	0.47936392	6.33E-05	0.017113	0.13148
5mo_SIGAE9_	0.06884188	0.40479904	6.16E-05	0.011695	0.10977
5mo_SIGAE9_	0.07171077	0.42211026	6.20E-05	0.012843	0.12348
5mo_SIGAE9_	0.12384883	0.7367161	6.67E-05	0.024153	-0.39752
5mo_SIGAE9_	0.01459572	0.07747278	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.02069405	0.11427065	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.04507865	0.26140958	5.46E-05	0.0051531	0.017239
5mo_SIGAE9_	0.08085912	0.4773122	6.33E-05	0.017113	0.13314
5mo_SIGAE9_	0.03285041	0.18762325	4.32E-05	0.0041142	-0.094772
5mo_SIGAE9_	0.08239295	0.48656747	6.35E-05	0.017633	0.1271
5mo_SIGAE9_	0.05399527	0.31521326	5.91E-05	0.0068337	0.062513
5mo_SIGAE9_	0.00917842	0.04478427	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.01239561	0.06419712	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.11061543	0.6568645	6.60E-05	0.02558	-0.27396
5mo_SIGAE9_	0.02116915	0.11713745	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.04433707	0.25693482	5.42E-05	0.0050757	0.012967
5mo_SIGAE9_	0.08747312	0.5172216	6.41E-05	0.020177	0.087329
5mo_SIGAE9_	0.02478753	0.1389711	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.01069445	0.05393213	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.02768686	0.15646592	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.02901528	0.16448171	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.02343855	0.13083127	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.07093173	0.41740945	6.20E-05	0.012608	0.11916
5mo_SIGAE9_	0.02989835	0.16981024	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.02740841	0.15478572	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.02309133	0.1287361	3.55E-05	0.0043197	-0.065623
5mo_SIGAE9_	0.0273066	0.15417142	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.021349	0.11822268	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.10724973	0.63655555	6.58E-05	0.025586	-0.23052
5mo_SIGAE9_	0.13196756	0.7857052	6.71E-05	0.023582	-0.45284
5mo_SIGAE9_	0.07925805	0.4676512	6.31E-05	0.016335	0.13613
5mo_SIGAE9_	0.03034491	0.17250483	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.01314479	0.0687177	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.04997066	0.29092842	5.76E-05	0.005992	0.046466
5mo_SIGAE9_	0.0343837	0.19687527	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.02687421	0.15156233	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.11747779	0.6982726	6.64E-05	0.024917	-0.34377
5mo_SIGAE9_	0.09487144	0.5618638	6.49E-05	0.023073	-0.026471
5mo_SIGAE9_	0.08873519	0.5248371	6.42E-05	0.020663	0.074212
5mo_SIGAE9_	0.09489911	0.5620308	6.49E-05	0.023073	-0.026471
5mo_SIGAE9_	0.02614674	0.14717269	3.76E-05	0.0041286	-0.096385

5mo_SIGAE9_	0.02586055	0.1454458	3.72E-05	0.0041509	-0.096385
5mo_SIGAE9_	0.02799901	0.15834947	3.88E-05	0.0040827	-0.10603
5mo_SIGAE9_	0.0164222	0.08849394	3.30E-05	0.0051875	0.10435
5mo_SIGAE9_	0.04736551	0.27520874	5.61E-05	0.0054936	0.035328
5mo_SIGAE9_	0.01358181	0.07135476	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.0891843	0.52754706	6.43E-05	0.020902	0.067165
5mo_SIGAE9_	0.06409629	0.3761638	6.10E-05	0.0098069	0.091185
5mo_SIGAE9_	0.07810113	0.46067023	6.29E-05	0.015819	0.13662
5mo_SIGAE9_	0.13644359	0.812714	6.72E-05	0.023527	-0.4775
5mo_SIGAE9_	0.0261431	0.14715073	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.00346215	0.0102918	3.18E-05	0.0092049	0.71249
5mo_SIGAE9_	0.06531744	0.3835323	6.12E-05	0.01041	0.095509
5mo_SIGAE9_	0.01404714	0.07416257	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.0069492	0.03133295	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.01293219	0.06743486	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.02300178	0.12819575	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.02991208	0.16989312	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.09364375	0.5544558	6.48E-05	0.022676	0.0013661
5mo_SIGAE9_	0.01368873	0.07199992	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.04100957	0.23685637	5.14E-05	0.0046741	-0.017493
5mo_SIGAE9_	0.12429063	0.7393819	6.67E-05	0.024092	-0.40152
5mo_SIGAE9_	0.11431252	0.67917305	6.63E-05	0.025299	-0.3171
5mo_SIGAE9_	0.01333746	0.06988029	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.08114718	0.4790504	6.33E-05	0.017113	0.13148
5mo_SIGAE9_	0.01887466	0.10329232	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.06665386	0.39159635	6.13E-05	0.010826	0.10013
5mo_SIGAE9_	0.07729092	0.45578137	6.28E-05	0.015307	0.13646
5mo_SIGAE9_	0.03377024	0.19317362	4.43E-05	0.004153	-0.087207
5mo_SIGAE9_	0.08347957	0.49312425	6.36E-05	0.018151	0.12117
5mo_SIGAE9_	0.01893305	0.10364461	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.02739701	0.15471695	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.13708673	0.8165948	6.73E-05	0.023528	-0.48029
5mo_SIGAE9_	0.06012432	0.35219654	6.04E-05	0.0085136	0.07887
5mo_SIGAE9_	0.02600754	0.14633273	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.07230062	0.42566943	6.21E-05	0.01308	0.12548
5mo_SIGAE9_	0.12847725	0.7646443	6.69E-05	0.023723	-0.4283
5mo_SIGAE9_	0.02802633	0.15851429	3.88E-05	0.0040827	-0.10603
5mo_SIGAE9_	0.09188356	0.5438346	6.46E-05	0.022042	0.027741
5mo_SIGAE9_	0.01094181	0.05542475	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.09548871	0.5655885	6.49E-05	0.023263	-0.035993
5mo_SIGAE9_	0.01007201	0.05017628	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.09504242	0.5628955	6.49E-05	0.023073	-0.026471
5mo_SIGAE9_	0.00764458	0.03552897	3.19E-05	0.0073923	0.48652

5mo_SIGAE9_	0.01198695	0.06173123	3.22E-05	0.0061869	0.2791
5mo_SIGAE9_	0.11702378	0.6955331	6.64E-05	0.024986	-0.34377
5mo_SIGAE9_	0.03084892	0.17554608	4.11E-05	0.0040705	-0.10299
5mo_SIGAE9_	0.02533922	0.14230005	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.02006796	0.11049278	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.1223539	0.72769547	6.67E-05	0.024282	-0.38515
5mo_SIGAE9_	0.11264204	0.66909325	6.62E-05	0.025448	-0.29951
5mo_SIGAE9_	0.02425604	0.13576406	3.64E-05	0.0042065	-0.080664
5mo_SIGAE9_	0.09044965	0.5351823	6.44E-05	0.021369	0.044278
5mo_SIGAE9_	0.01333644	0.06987414	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01787388	0.09725352	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.05001167	0.29117587	5.76E-05	0.005992	0.046466
5mo_SIGAE9_	0.02692789	0.15188622	3.80E-05	0.0041099	-0.10271
5mo_SIGAE9_	0.01883031	0.10302471	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.01604846	0.08623876	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.04836053	0.28121275	5.67E-05	0.0056831	0.038361
5mo_SIGAE9_	0.07318938	0.4310323	6.23E-05	0.013561	0.12737
5mo_SIGAE9_	0.00911972	0.04443009	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.1096347	0.6509467	6.60E-05	0.025599	-0.2602
5mo_SIGAE9_	0.02602727	0.14645183	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.03362208	0.19227956	4.37E-05	0.0041322	-0.087207
5mo_SIGAE9_	0.10624004	0.630463	6.58E-05	0.02556	-0.21453
5mo_SIGAE9_	0.09572581	0.5670191	6.50E-05	0.023448	-0.035993
5mo_SIGAE9_	0.01056984	0.05318026	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.03887162	0.22395578	4.92E-05	0.0044639	-0.040459
5mo_SIGAE9_	0.10091111	0.5983077	6.54E-05	0.024809	-0.12375
5mo_SIGAE9_	0.09976595	0.5913977	6.53E-05	0.024558	-0.10426
5mo_SIGAE9_	0.01247473	0.06467455	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.04564157	0.2648063	5.50E-05	0.0052335	0.021279
5mo_SIGAE9_	0.04453844	0.2581499	5.42E-05	0.0050757	0.012967
5mo_SIGAE9_	0.06875787	0.40429217	6.16E-05	0.011695	0.10977
5mo_SIGAE9_	0.08160399	0.4818068	6.34E-05	0.017373	0.12948
5mo_SIGAE9_	0.03538167	0.20289713	4.59E-05	0.0042319	-0.073417
5mo_SIGAE9_	0.01349854	0.0708523	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01704937	0.09227833	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.02048029	0.11298082	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.0155455	0.08320386	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01781326	0.09688773	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.00833108	0.03967134	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.01280968	0.06669567	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.01122477	0.05713214	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.05445454	0.31798458	5.92E-05	0.0069681	0.062513
5mo_SIGAE9_	0.0260518	0.14659983	3.76E-05	0.0041286	-0.096385

5mo_SIGAE9_	0.0282815	0.16005406	3.93E-05	0.004074	-0.10603
5mo_SIGAE9_	0.00900336	0.04372794	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.01790286	0.09742837	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.04142802	0.23938133	5.19E-05	0.0047337	-0.011944
5mo_SIGAE9_	0.02569934	0.14447308	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.11404762	0.67757463	6.63E-05	0.025299	-0.31137
5mo_SIGAE9_	0.05287984	0.3084827	5.87E-05	0.0065755	0.059084
5mo_SIGAE9_	0.10477297	0.6216106	6.57E-05	0.025429	-0.18901
5mo_SIGAE9_	0.08977789	0.5311288	6.44E-05	0.021137	0.059815
5mo_SIGAE9_	0.09626246	0.5702573	6.50E-05	0.023626	-0.045608
5mo_SIGAE9_	0.01916901	0.10506846	3.38E-05	0.004741	0.017998
5mo_SIGAE9_	0.02405836	0.13457124	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.07639508	0.4503758	6.27E-05	0.015053	0.1354
5mo_SIGAE9_	0.02057064	0.11352599	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.07591724	0.44749248	6.26E-05	0.0148	0.13453
5mo_SIGAE9_	0.06392965	0.37515825	6.10E-05	0.0098069	0.091185
5mo_SIGAE9_	0.12894653	0.767476	6.69E-05	0.023723	-0.43195
5mo_SIGAE9_	0.0090492	0.04400455	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.02607384	0.14673279	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.02863776	0.16220374	3.93E-05	0.004074	-0.10664
5mo_SIGAE9_	0.01175789	0.06034907	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.01650549	0.0889965	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.01959598	0.1076448	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.03447726	0.19743985	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.01913899	0.1048873	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.07365237	0.43382603	6.23E-05	0.013805	0.12913
5mo_SIGAE9_	0.02250901	0.12522233	3.52E-05	0.0043661	-0.056631
5mo_SIGAE9_	0.12265249	0.72949725	6.67E-05	0.024282	-0.38934
5mo_SIGAE9_	0.04672515	0.27134472	5.57E-05	0.0054037	0.028707
5mo_SIGAE9_	0.02961705	0.16811287	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.01544544	0.08260005	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01719226	0.09314052	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.01606921	0.08636395	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.01359992	0.07146404	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01887135	0.10327234	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.0289841	0.16429362	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.09527773	0.56431544	6.49E-05	0.023263	-0.026471
5mo_SIGAE9_	0.11121154	0.6604615	6.61E-05	0.025556	-0.28058
5mo_SIGAE9_	0.13458012	0.8014696	6.72E-05	0.023533	-0.46567
5mo_SIGAE9_	0.08302233	0.4903652	6.36E-05	0.018151	0.12434
5mo_SIGAE9_	0.13028236	0.77553654	6.70E-05	0.02364	-0.44263
5mo_SIGAE9_	0.05352058	0.312349	5.89E-05	0.0067028	0.060836
5mo_SIGAE9_	0.08341721	0.492748	6.36E-05	0.018151	0.12117

5mo_SIGAE9_	0.05899284	0.34536913	6.02E-05	0.0081753	0.075889
5mo_SIGAE9_	0.10063952	0.59666896	6.53E-05	0.024687	-0.12375
5mo_SIGAE9_	0.00602925	0.02578194	3.18E-05	0.008015	0.56984
5mo_SIGAE9_	0.02247425	0.12501258	3.52E-05	0.0043661	-0.056631
5mo_SIGAE9_	0.02123592	0.11754034	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.01691967	0.09149571	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.13121733	0.78117824	6.70E-05	0.023599	-0.44608
5mo_SIGAE9_	0.03220547	0.18373165	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.01567257	0.08397061	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.03641243	0.2091168	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.01956582	0.10746281	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.09153549	0.54173434	6.45E-05	0.021822	0.027741
5mo_SIGAE9_	0.01509695	0.08049725	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.13208511	0.78641456	6.71E-05	0.023582	-0.45284
5mo_SIGAE9_	0.02591328	0.14576396	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.05887939	0.34468454	6.02E-05	0.0081753	0.074438
5mo_SIGAE9_	0.02694066	0.15196331	3.80E-05	0.0041099	-0.10271
5mo_SIGAE9_	0.03250551	0.18554212	4.27E-05	0.004099	-0.094772
5mo_SIGAE9_	0.03749722	0.21566257	4.76E-05	0.0043355	-0.05192
5mo_SIGAE9_	0.02539286	0.14262372	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.09125376	0.5400344	6.45E-05	0.021597	0.036126
5mo_SIGAE9_	0.01994485	0.10974995	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.01239516	0.06419442	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.02881097	0.1632489	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.06004354	0.35170913	6.04E-05	0.0085136	0.07887
5mo_SIGAE9_	0.10793516	0.6406915	6.59E-05	0.025614	-0.23822
5mo_SIGAE9_	0.01356337	0.07124345	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02102539	0.11627	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.09211424	0.54522663	6.46E-05	0.022042	0.019141
5mo_SIGAE9_	0.03177999	0.18116423	4.22E-05	0.0040866	-0.10071
5mo_SIGAE9_	0.02190068	0.12155158	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.08019988	0.4733343	6.32E-05	0.016854	0.13446
5mo_SIGAE9_	0.01872986	0.10241853	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.10970467	0.6513689	6.60E-05	0.025599	-0.2602
5mo_SIGAE9_	0.0171952	0.09315831	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.05924466	0.34688857	6.03E-05	0.0083426	0.075889
5mo_SIGAE9_	0.0197094	0.10832918	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.01607271	0.08638506	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.02501723	0.14035715	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.07154211	0.42109254	6.20E-05	0.012843	0.12136
5mo_SIGAE9_	0.01299155	0.06779303	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.01161022	0.05945796	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.1280197	0.7618835	6.69E-05	0.023757	-0.4283

5mo_SIGAE9_	0.01114665	0.05666078	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.00785038	0.03677075	3.19E-05	0.0073923	0.48652
5mo_SIGAE9_	0.02434218	0.1362838	3.64E-05	0.0042065	-0.080664
5mo_SIGAE9_	0.03447511	0.19742689	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.01840366	0.10045023	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.03643193	0.20923449	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.0193414	0.10610867	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.04722013	0.2743315	5.61E-05	0.0054936	0.032113
5mo_SIGAE9_	0.02243895	0.12479954	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.01982616	0.10903373	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.00458282	0.01705401	3.18E-05	0.0087056	0.65503
5mo_SIGAE9_	0.09762835	0.57849926	6.51E-05	0.023964	-0.074831
5mo_SIGAE9_	0.09854534	0.5840325	6.52E-05	0.024275	-0.084641
5mo_SIGAE9_	0.02420225	0.13543946	3.61E-05	0.0042401	-0.080664
5mo_SIGAE9_	0.05425961	0.31680837	5.92E-05	0.0069681	0.062513
5mo_SIGAE9_	0.02345058	0.13090381	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.00982345	0.04867645	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.02801793	0.15846363	3.88E-05	0.0040827	-0.10603
5mo_SIGAE9_	0.03947207	0.227579	4.98E-05	0.0045122	-0.034672
5mo_SIGAE9_	0.07899547	0.46606675	6.30E-05	0.016077	0.13613
5mo_SIGAE9_	0.02251793	0.12527613	3.52E-05	0.0043661	-0.056631
5mo_SIGAE9_	0.11071903	0.65748966	6.61E-05	0.025556	-0.27396
5mo_SIGAE9_	0.01856739	0.10143819	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.03517366	0.20164199	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.02032821	0.11206317	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.03424063	0.19601198	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.07719534	0.45520464	6.28E-05	0.015307	0.13646
5mo_SIGAE9_	0.04472158	0.259255	5.46E-05	0.0051531	0.017239
5mo_SIGAE9_	0.02394793	0.13390487	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.06703977	0.39392495	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.01407026	0.07430209	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.03833862	0.22073963	4.87E-05	0.0044183	-0.04622
5mo_SIGAE9_	0.03528183	0.20229465	4.54E-05	0.0042028	-0.073417
5mo_SIGAE9_	0.1004363	0.5954427	6.53E-05	0.024687	-0.12375
5mo_SIGAE9_	0.12749091	0.7586927	6.69E-05	0.023794	-0.4246
5mo_SIGAE9_	0.01619082	0.08709774	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.00425806	0.01509441	3.18E-05	0.0087056	0.65503
5mo_SIGAE9_	0.01456364	0.07727921	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.02554137	0.14351985	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.060518	0.35457206	6.05E-05	0.008688	0.07887
5mo_SIGAE9_	0.01425531	0.07541869	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01323611	0.06926874	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02507081	0.14068042	3.68E-05	0.0041768	-0.086782

5mo_SIGAE9_	0.10614495	0.6298892	6.58E-05	0.025526	-0.21453
5mo_SIGAE9_	0.02250859	0.12521978	3.52E-05	0.0043661	-0.056631
5mo_SIGAE9_	0.08837085	0.5226386	6.42E-05	0.020421	0.074212
5mo_SIGAE9_	0.02141861	0.11864272	3.47E-05	0.0044724	-0.0356
5mo_SIGAE9_	0.02536576	0.14246021	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.01669816	0.09015909	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.02955199	0.16772026	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.02977432	0.16906185	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.01345191	0.07057094	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.09939414	0.5891542	6.53E-05	0.02442	-0.10426
5mo_SIGAE9_	0.01525895	0.08147477	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.02023312	0.11148936	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.05303298	0.30940673	5.89E-05	0.0067028	0.059084
5mo_SIGAE9_	0.01555751	0.08327632	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.02162871	0.11991046	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.05355693	0.3125683	5.89E-05	0.0067028	0.060836
5mo_SIGAE9_	0.0066261	0.02938333	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.08053313	0.47534513	6.32E-05	0.016854	0.13314
5mo_SIGAE9_	0.01328232	0.06954758	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01608161	0.08643878	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.05834465	0.34145784	6.01E-05	0.0080116	0.073002
5mo_SIGAE9_	0.03596417	0.20641196	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.02091947	0.11563088	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.00942455	0.04626945	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.0230328	0.1283829	3.55E-05	0.0043197	-0.065623
5mo_SIGAE9_	0.0883478	0.52249956	6.42E-05	0.020421	0.074212
5mo_SIGAE9_	0.01153943	0.05903084	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.01469475	0.07807033	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.05146987	0.29997483	5.83E-05	0.0063316	0.053285
5mo_SIGAE9_	0.08828644	0.5221293	6.42E-05	0.020421	0.074212
5mo_SIGAE9_	0.0361575	0.20757855	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.02110318	0.11673936	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.0099557	0.04947446	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.02522707	0.14162333	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.07990997	0.47158498	6.32E-05	0.016594	0.13545
5mo_SIGAE9_	0.01823717	0.09944563	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.01895232	0.10376091	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.07327727	0.43156266	6.23E-05	0.013561	0.12737
5mo_SIGAE9_	0.04130622	0.2386464	5.14E-05	0.0046741	-0.011944
5mo_SIGAE9_	0.00697668	0.03149878	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.02332827	0.13016579	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.0088099	0.04256059	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.02117259	0.1171582	3.47E-05	0.0044724	-0.023601

5mo_SIGAE9_	0.02812691	0.15912122	3.93E-05	0.004074	-0.10603
5mo_SIGAE9_	0.05395066	0.31494415	5.91E-05	0.0068337	0.060836
5mo_SIGAE9_	0.02091768	0.11562003	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.04117517	0.23785564	5.14E-05	0.0046741	-0.017493
5mo_SIGAE9_	0.1596062	0.9524793	6.78E-05	0.023691	-0.52638
5mo_SIGAE9_	0.02872609	0.16273671	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.05779925	0.33816686	6.00E-05	0.0078516	0.071569
5mo_SIGAE9_	0.01709134	0.0925316	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.03397648	0.19441806	4.43E-05	0.004153	-0.087207
5mo_SIGAE9_	0.0198083	0.10892595	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.08779308	0.5191523	6.41E-05	0.020177	0.080939
5mo_SIGAE9_	0.01975922	0.10862981	3.40E-05	0.0046667	0.0032259
5mo_SIGAE9_	0.02604355	0.14655001	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.0206592	0.11406037	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.06406045	0.3759475	6.10E-05	0.0098069	0.091185
5mo_SIGAE9_	0.11131985	0.661115	6.61E-05	0.025525	-0.28058
5mo_SIGAE9_	0.03088412	0.17575848	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.07826363	0.46165076	6.29E-05	0.015819	0.13662
5mo_SIGAE9_	0.01905116	0.1043573	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.14076594	0.8387954	6.74E-05	0.023566	-0.4978
5mo_SIGAE9_	0.0668927	0.39303756	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.02508922	0.1407915	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.09364466	0.55446136	6.48E-05	0.022676	0.0013661
5mo_SIGAE9_	0.0720861	0.42437503	6.21E-05	0.01308	0.12348
5mo_SIGAE9_	0.04825079	0.2805506	5.67E-05	0.0056831	0.038361
5mo_SIGAE9_	0.01710073	0.09258825	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.0261911	0.14744036	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.02373816	0.13263912	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.02087371	0.11535475	3.44E-05	0.0045325	-0.023601
5mo_SIGAE9_	0.09373806	0.5550249	6.48E-05	0.022676	-0.0077738
5mo_SIGAE9_	0.0801761	0.4731908	6.32E-05	0.016594	0.13446
5mo_SIGAE9_	0.01317002	0.06886996	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02346393	0.13098437	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.02002221	0.1102167	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.09075674	0.5370353	6.45E-05	0.021597	0.044278
5mo_SIGAE9_	0.02352092	0.13132827	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.02502683	0.14041503	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.01744648	0.09467454	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.03106523	0.17685132	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.12907192	0.76823264	6.70E-05	0.023692	-0.43195
5mo_SIGAE9_	0.02313205	0.1289818	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.01052407	0.05290404	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.02017685	0.11114983	3.42E-05	0.0045972	0.0032259

5mo_SIGAE9_	0.02533075	0.14224891	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.01466034	0.07786271	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.08454073	0.49952736	6.37E-05	0.018667	0.1136
5mo_SIGAE9_	0.10743277	0.63766	6.59E-05	0.025604	-0.23052
5mo_SIGAE9_	0.09600489	0.5687032	6.50E-05	0.023448	-0.045608
5mo_SIGAE9_	0.01568078	0.08402012	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.04930874	0.28693432	5.73E-05	0.0058857	0.04392
5mo_SIGAE9_	0.02061274	0.11378003	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.00936374	0.04590252	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.03876327	0.22330204	4.92E-05	0.0044639	-0.040459
5mo_SIGAE9_	0.13636854	0.81226116	6.72E-05	0.023527	-0.4775
5mo_SIGAE9_	0.08740232	0.51679444	6.41E-05	0.020177	0.087329
5mo_SIGAE9_	0.09475201	0.56114316	6.49E-05	0.023073	-0.017059
5mo_SIGAE9_	0.12364627	0.73549384	6.67E-05	0.024153	-0.39752
5mo_SIGAE9_	0.0170036	0.09200217	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.1008125	0.59771276	6.54E-05	0.024809	-0.12375
5mo_SIGAE9_	0.01558583	0.08344718	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.02311887	0.12890227	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.08148208	0.48107117	6.34E-05	0.017373	0.13148
5mo_SIGAE9_	0.045013	0.26101348	5.46E-05	0.0051531	0.017239
5mo_SIGAE9_	0.01292317	0.06738046	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.02174955	0.12063965	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.02888972	0.16372408	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.0786667	0.46408296	6.30E-05	0.016077	0.13651
5mo_SIGAE9_	0.09955998	0.5901549	6.53E-05	0.02442	-0.10426
5mo_SIGAE9_	0.01717469	0.09303453	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.01153079	0.0589787	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.11057384	0.6566135	6.60E-05	0.02558	-0.27396
5mo_SIGAE9_	0.01868594	0.10215353	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.03627021	0.20825867	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.0190016	0.10405827	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.05044145	0.2937692	5.78E-05	0.0061018	0.048868
5mo_SIGAE9_	0.02400155	0.13422844	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.0495026	0.2881041	5.73E-05	0.0058857	0.04392
5mo_SIGAE9_	0.02171069	0.12040515	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.01801021	0.09807615	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.11341949	0.67378443	6.62E-05	0.025403	-0.30551
5mo_SIGAE9_	0.01683975	0.09101345	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.01529604	0.08169855	3.27E-05	0.0054028	0.1442
5mo_SIGAE9_	0.01764931	0.09589841	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.05101889	0.29725355	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.02560047	0.14387645	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.09478641	0.5613507	6.49E-05	0.023073	-0.017059

5mo_SIGAE9_	0.03405801	0.19491003	4.43E-05	0.004153	-0.087207
5mo_SIGAE9_	0.02539642	0.14264521	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.02993929	0.17005728	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.02830446	0.16019255	3.93E-05	0.004074	-0.10603
5mo_SIGAE9_	0.01563469	0.08374204	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.11178824	0.6639413	6.61E-05	0.025489	-0.28705
5mo_SIGAE9_	0.04361495	0.2525775	5.38E-05	0.0050014	0.008455
5mo_SIGAE9_	0.08253164	0.48740435	6.35E-05	0.017892	0.1271
5mo_SIGAE9_	0.01389115	0.07322136	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.00918352	0.04481509	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.02493471	0.1398592	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.13307042	0.79236	6.71E-05	0.023556	-0.45937
5mo_SIGAE9_	0.02203309	0.12235057	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.055286	0.32300165	5.95E-05	0.007248	0.065685
5mo_SIGAE9_	0.04116658	0.23780382	5.14E-05	0.0046741	-0.017493
5mo_SIGAE9_	0.01380998	0.07273153	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.01009887	0.05033837	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.02519502	0.14142995	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.0209161	0.11561054	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.0198226	0.10901226	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.02564524	0.14414662	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.00934521	0.0457907	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.01208004	0.06229292	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.04640898	0.26943693	5.57E-05	0.0054037	0.028707
5mo_SIGAE9_	0.02332369	0.13013816	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.02211411	0.12283946	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.01682076	0.09089888	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.03211388	0.18317896	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.09553604	0.56587404	6.49E-05	0.023263	-0.035993
5mo_SIGAE9_	0.06458464	0.37911054	6.10E-05	0.010005	0.093303
5mo_SIGAE9_	0.00968821	0.04786041	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.02317793	0.12925863	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.01686719	0.09117901	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.09028468	0.5341869	6.44E-05	0.021369	0.05218
5mo_SIGAE9_	0.03601882	0.20674172	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.02019107	0.11123563	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.0746214	0.43967324	6.24E-05	0.014051	0.13218
5mo_SIGAE9_	0.08751068	0.5174483	6.41E-05	0.020177	0.087329
5mo_SIGAE9_	0.0315081	0.17952366	4.22E-05	0.0040866	-0.10071
5mo_SIGAE9_	0.02065015	0.11400578	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.01424143	0.07533493	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.08752582	0.5175396	6.41E-05	0.020177	0.087329
5mo_SIGAE9_	0.02389366	0.1335774	3.61E-05	0.0042401	-0.073623

5mo_SIGAE9_	0.01211682	0.06251484	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.01739499	0.09436384	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.01771375	0.09628728	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.04012499	0.23151876	5.03E-05	0.0045634	-0.028892
5mo_SIGAE9_	0.0160464	0.08622629	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.04236908	0.24505982	5.24E-05	0.0047963	-0.0013165
5mo_SIGAE9_	0.05250837	0.30624118	5.87E-05	0.0065755	0.057248
5mo_SIGAE9_	0.06953946	0.40900832	6.17E-05	0.01192	0.11455
5mo_SIGAE9_	0.04179273	0.24158204	5.19E-05	0.0047337	-0.011944
5mo_SIGAE9_	0.04537688	0.26320913	5.50E-05	0.0052335	0.021279
5mo_SIGAE9_	0.04629916	0.26877427	5.54E-05	0.0053171	0.028707
5mo_SIGAE9_	0.07241018	0.42633054	6.21E-05	0.01308	0.12548
5mo_SIGAE9_	0.01659372	0.08952889	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.06079372	0.35623577	6.06E-05	0.008866	0.080421
5mo_SIGAE9_	0.00612155	0.02633888	3.18E-05	0.008015	0.56984
5mo_SIGAE9_	0.02800228	0.15836921	3.88E-05	0.0040827	-0.10603
5mo_SIGAE9_	0.03506541	0.20098877	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.13271506	0.79021573	6.71E-05	0.023568	-0.45613
5mo_SIGAE9_	0.02881678	0.16328396	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.1014308	0.6014436	6.54E-05	0.024923	-0.13341
5mo_SIGAE9_	0.02205523	0.12248413	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.02375792	0.13275832	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.01573325	0.08433676	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.02161397	0.1198215	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.01056616	0.05315803	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.06714896	0.39458385	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.00639809	0.02800753	3.18E-05	0.008015	0.56984
5mo_SIGAE9_	0.10227328	0.6065272	6.55E-05	0.025029	-0.15246
5mo_SIGAE9_	0.01744339	0.09465589	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.0412495	0.23830412	5.14E-05	0.0046741	-0.017493
5mo_SIGAE9_	0.10566513	0.6269939	6.57E-05	0.025482	-0.20623
5mo_SIGAE9_	0.00755838	0.03500883	3.19E-05	0.0075925	0.51404
5mo_SIGAE9_	0.14377406	0.8569467	6.75E-05	0.023613	-0.50792
5mo_SIGAE9_	0.02883959	0.16342157	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.05706742	0.33375096	5.99E-05	0.0076952	0.070131
5mo_SIGAE9_	0.075046	0.44223532	6.25E-05	0.014299	0.13345
5mo_SIGAE9_	0.04269827	0.24704617	5.29E-05	0.0048617	-0.0013165
5mo_SIGAE9_	0.04854929	0.28235173	5.67E-05	0.0056831	0.041222
5mo_SIGAE9_	0.10586518	0.62820107	6.58E-05	0.025526	-0.20623
5mo_SIGAE9_	0.02408436	0.13472813	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.07316247	0.4308699	6.23E-05	0.013561	0.12737
5mo_SIGAE9_	0.10031265	0.5946966	6.53E-05	0.024687	-0.11403
5mo_SIGAE9_	0.01284098	0.06688453	3.23E-05	0.0059016	0.25518

5mo_SIGAE9_	0.03310925	0.18918511	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.1347387	0.8024265	6.72E-05	0.023533	-0.46872
5mo_SIGAE9_	0.03315624	0.18946868	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.01201189	0.06188171	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.0346918	0.1987344	4.48E-05	0.0041765	-0.078293
5mo_SIGAE9_	0.02493205	0.13984315	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.09365832	0.55454373	6.48E-05	0.022676	0.0013661
5mo_SIGAE9_	0.10399608	0.6169227	6.56E-05	0.025296	-0.18011
5mo_SIGAE9_	0.01547685	0.08278958	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.11326088	0.67282736	6.62E-05	0.025403	-0.30551
5mo_SIGAE9_	0.01158186	0.05928684	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.0122662	0.06341623	3.23E-05	0.0060411	0.2791
5mo_SIGAE9_	0.00891422	0.0431901	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.02297496	0.12803389	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.09862189	0.58449435	6.52E-05	0.024275	-0.084641
5mo_SIGAE9_	0.03093597	0.17607138	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.08963741	0.53028125	6.44E-05	0.021137	0.059815
5mo_SIGAE9_	0.12386374	0.73680604	6.67E-05	0.024153	-0.39752
5mo_SIGAE9_	0.03569531	0.20478965	4.59E-05	0.0042319	-0.073417
5mo_SIGAE9_	0.05341054	0.31168497	5.89E-05	0.0067028	0.060836
5mo_SIGAE9_	0.01815215	0.09893259	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.05005933	0.29146343	5.76E-05	0.005992	0.046466
5mo_SIGAE9_	0.05616108	0.32828197	5.97E-05	0.0073934	0.067199
5mo_SIGAE9_	0.0330569	0.18886922	4.32E-05	0.0041142	-0.091175
5mo_SIGAE9_	0.02507505	0.14070602	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.0127848	0.06654553	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.07128761	0.41955686	6.20E-05	0.012608	0.12136
5mo_SIGAE9_	0.02225708	0.12370212	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.06311547	0.37024543	6.09E-05	0.0096122	0.087254
5mo_SIGAE9_	0.07975067	0.4706237	6.32E-05	0.016594	0.13545
5mo_SIGAE9_	0.06766948	0.39772472	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.03104767	0.17674538	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.00908483	0.04421955	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.0378563	0.21782924	4.81E-05	0.0043756	-0.05192
5mo_SIGAE9_	0.02086298	0.11528997	3.44E-05	0.0045325	-0.023601
5mo_SIGAE9_	0.03233393	0.1845068	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.13112149	0.78059995	6.70E-05	0.023618	-0.44608
5mo_SIGAE9_	0.12979427	0.77259135	6.70E-05	0.023664	-0.43912
5mo_SIGAE9_	0.0221252	0.12290636	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.01999452	0.11004961	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.07891049	0.46555397	6.30E-05	0.016077	0.13613
5mo_SIGAE9_	0.03802718	0.21886034	4.81E-05	0.0043756	-0.04622
5mo_SIGAE9_	0.10306484	0.61130357	6.56E-05	0.025216	-0.16182

5mo_SIGAE9_	0.12209045	0.7261058	6.66E-05	0.02435	-0.38515
5mo_SIGAE9_	0.06735653	0.39583632	6.14E-05	0.011039	0.10492
5mo_SIGAE9_	0.07688288	0.4533192	6.28E-05	0.015307	0.13605
5mo_SIGAE9_	0.03740903	0.2151304	4.76E-05	0.0043355	-0.05192
5mo_SIGAE9_	0.02211094	0.12282028	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.0635122	0.37263933	6.09E-05	0.0096122	0.089169
5mo_SIGAE9_	0.10147198	0.6016921	6.54E-05	0.024923	-0.14299
5mo_SIGAE9_	0.04492754	0.26049778	5.46E-05	0.0051531	0.017239
5mo_SIGAE9_	0.09832092	0.58267826	6.52E-05	0.024123	-0.084641
5mo_SIGAE9_	0.04444369	0.2575782	5.42E-05	0.0050757	0.012967
5mo_SIGAE9_	0.02403524	0.13443173	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.05929957	0.3472199	6.03E-05	0.0083426	0.075889
5mo_SIGAE9_	0.01893298	0.10364419	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.10875431	0.64563435	6.59E-05	0.025616	-0.25305
5mo_SIGAE9_	0.02755665	0.15568021	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.12569074	0.74783033	6.68E-05	0.023927	-0.40938
5mo_SIGAE9_	0.09118664	0.53962934	6.45E-05	0.021597	0.036126
5mo_SIGAE9_	0.00986019	0.04889818	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.00767486	0.03571169	3.19E-05	0.0073923	0.48652
5mo_SIGAE9_	0.15438388	0.92096734	6.77E-05	0.023711	-0.52645
5mo_SIGAE9_	0.0959276	0.5682368	6.50E-05	0.023448	-0.035993
5mo_SIGAE9_	0.04046647	0.23357926	5.09E-05	0.0046173	-0.023154
5mo_SIGAE9_	0.03436571	0.19676675	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.05201054	0.3032373	5.85E-05	0.0064518	0.055318
5mo_SIGAE9_	0.04072999	0.2351694	5.09E-05	0.0046173	-0.017493
5mo_SIGAE9_	0.09059021	0.5360305	6.44E-05	0.021369	0.044278
5mo_SIGAE9_	0.0381188	0.2194132	4.87E-05	0.0044183	-0.04622
5mo_SIGAE9_	0.01489075	0.07925299	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.08109557	0.47873896	6.33E-05	0.017113	0.13148
5mo_SIGAE9_	0.01805092	0.0983218	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.02331534	0.13008778	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.01836684	0.10022806	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.01643287	0.0885583	3.30E-05	0.0051875	0.10435
5mo_SIGAE9_	0.01565056	0.0838378	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.02161502	0.11982784	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.01337701	0.07011896	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.01443066	0.0764768	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01844295	0.10068733	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.02349334	0.13116181	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.08706842	0.5147797	6.41E-05	0.01993	0.093363
5mo_SIGAE9_	0.0422228	0.24417712	5.24E-05	0.0047963	-0.00654
5mo_SIGAE9_	0.00924415	0.04518088	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.08572777	0.5066901	6.39E-05	0.01943	0.1043

5mo_SIGAE9_	0.09839438	0.58312154	6.52E-05	0.024123	-0.084641
5mo_SIGAE9_	0.01798163	0.09790365	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.02418046	0.13530797	3.61E-05	0.0042401	-0.080664
5mo_SIGAE9_	0.04335675	0.25101948	5.33E-05	0.0049301	0.0036923
5mo_SIGAE9_	0.04788668	0.27835348	5.64E-05	0.0055867	0.038361
5mo_SIGAE9_	0.09312797	0.55134356	6.47E-05	0.022469	0.010343
5mo_SIGAE9_	0.02713929	0.15316182	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.03021379	0.17171362	4.07E-05	0.0040668	-0.10475
5mo_SIGAE9_	0.04172432	0.24116929	5.19E-05	0.0047337	-0.011944
5mo_SIGAE9_	0.02490569	0.13968411	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.11568803	0.68747306	6.63E-05	0.025119	-0.32814
5mo_SIGAE9_	0.05205732	0.3035195	5.85E-05	0.0064518	0.055318
5mo_SIGAE9_	0.02664567	0.1501833	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.0110946	0.05634669	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.09593902	0.5683057	6.50E-05	0.023448	-0.035993
5mo_SIGAE9_	0.01296075	0.0676072	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.08511864	0.5030145	6.38E-05	0.018923	0.10916
5mo_SIGAE9_	0.02558255	0.1437683	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.02211895	0.12286861	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.01391055	0.0733384	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.06716219	0.39466366	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.04708902	0.27354035	5.61E-05	0.0054936	0.032113
5mo_SIGAE9_	0.01112171	0.05651026	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.00979502	0.0485049	3.20E-05	0.0066628	0.37961
5mo_SIGAE9_	0.02400024	0.13422054	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.14729972	0.8782209	6.76E-05	0.023673	-0.51713
5mo_SIGAE9_	0.01089737	0.05515659	3.21E-05	0.0064976	0.32844
5mo_SIGAE9_	0.05312759	0.30997765	5.89E-05	0.0067028	0.059084
5mo_SIGAE9_	0.02975548	0.16894816	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.01360314	0.07148346	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.07964538	0.4699884	6.32E-05	0.016594	0.13545
5mo_SIGAE9_	0.09655434	0.57201856	6.50E-05	0.023626	-0.055297
5mo_SIGAE9_	0.07333653	0.43192023	6.23E-05	0.013561	0.12913
5mo_SIGAE9_	0.04518262	0.26203692	5.46E-05	0.0051531	0.021279
5mo_SIGAE9_	0.04401805	0.25500983	5.38E-05	0.0050014	0.012967
5mo_SIGAE9_	0.03899895	0.22472413	4.92E-05	0.0044639	-0.040459
5mo_SIGAE9_	0.01906122	0.104418	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.02522109	0.14158721	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.01385786	0.07302048	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.0181683	0.09903006	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.11982585	0.712441	6.65E-05	0.024632	-0.36766
5mo_SIGAE9_	0.02970581	0.16864845	4.02E-05	0.0040662	-0.10597
5mo_SIGAE9_	0.02428326	0.13592827	3.64E-05	0.0042065	-0.080664

5mo_SIGAE9_	0.02964096	0.16825712	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.0443631	0.2570919	5.42E-05	0.0050757	0.012967
5mo_SIGAE9_	0.01530081	0.08172734	3.27E-05	0.0054028	0.1442
5mo_SIGAE9_	0.09529153	0.5643987	6.49E-05	0.023263	-0.026471
5mo_SIGAE9_	0.02022575	0.11144491	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.08789847	0.51978827	6.41E-05	0.020177	0.080939
5mo_SIGAE9_	0.01583587	0.08495597	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.09247466	0.5474014	6.46E-05	0.022258	0.019141
5mo_SIGAE9_	0.02857885	0.16184829	3.93E-05	0.004074	-0.10664
5mo_SIGAE9_	0.10809815	0.641675	6.59E-05	0.025614	-0.24573
5mo_SIGAE9_	0.00965757	0.04767555	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.10885307	0.6462303	6.59E-05	0.025616	-0.25305
5mo_SIGAE9_	0.11023212	0.65455157	6.60E-05	0.02558	-0.26716
5mo_SIGAE9_	0.00947413	0.04656861	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.08346131	0.4930141	6.36E-05	0.018151	0.12117
5mo_SIGAE9_	0.10039337	0.5951837	6.53E-05	0.024687	-0.12375
5mo_SIGAE9_	0.02137341	0.11836999	3.47E-05	0.0044724	-0.0356
5mo_SIGAE9_	0.07455608	0.43927905	6.24E-05	0.014051	0.13218
5mo_SIGAE9_	0.0551207	0.32200426	5.94E-05	0.0071062	0.065685
5mo_SIGAE9_	0.08358604	0.4937667	6.37E-05	0.01841	0.12117
5mo_SIGAE9_	0.01708819	0.09251257	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.03955754	0.22809473	4.98E-05	0.0045122	-0.034672
5mo_SIGAE9_	0.08688327	0.51366246	6.41E-05	0.01993	0.093363
5mo_SIGAE9_	0.06837705	0.40199426	6.16E-05	0.011474	0.10977
5mo_SIGAE9_	0.01741156	0.0944638	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.0113817	0.05807909	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.02740289	0.15475242	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.1293211	0.76973623	6.70E-05	0.023692	-0.43556
5mo_SIGAE9_	0.1063039	0.63084835	6.58E-05	0.02556	-0.21453
5mo_SIGAE9_	0.13883406	0.8271383	6.73E-05	0.023538	-0.48824
5mo_SIGAE9_	0.06086271	0.35665208	6.06E-05	0.008866	0.080421
5mo_SIGAE9_	0.06867847	0.40381303	6.16E-05	0.011695	0.10977
5mo_SIGAE9_	0.12021218	0.71477216	6.66E-05	0.024561	-0.36766
5mo_SIGAE9_	0.03074752	0.17493421	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.08356383	0.4936327	6.37E-05	0.01841	0.12117
5mo_SIGAE9_	0.02402254	0.1343551	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.0300863	0.17094438	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.01116317	0.05676044	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.01868313	0.10213656	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.01293645	0.06746061	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.03323656	0.18995331	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.01765373	0.09592507	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.01202754	0.06197615	3.23E-05	0.0060411	0.2791

5mo_SIGAE9_	0.01522956	0.08129742	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.01836444	0.10021357	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.03430624	0.19640785	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.02015353	0.11100912	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.08489082	0.50163984	6.38E-05	0.018923	0.1136
5mo_SIGAE9_	0.02123756	0.11755025	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.0157406	0.08438111	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.08383916	0.49529403	6.37E-05	0.01841	0.1176
5mo_SIGAE9_	0.01920728	0.10529936	3.38E-05	0.004741	0.017998
5mo_SIGAE9_	0.02047519	0.11295005	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.01652315	0.08910304	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.08689965	0.5137613	6.41E-05	0.01993	0.093363
5mo_SIGAE9_	0.08350924	0.49330327	6.36E-05	0.018151	0.12117
5mo_SIGAE9_	0.1179568	0.701163	6.65E-05	0.024847	-0.34876
5mo_SIGAE9_	0.00976981	0.04835276	3.20E-05	0.0068348	0.37961
5mo_SIGAE9_	0.01140477	0.0582183	3.21E-05	0.006339	0.32844
5mo_SIGAE9_	0.08166163	0.4821546	6.34E-05	0.017373	0.12948
5mo_SIGAE9_	0.0783419	0.4621231	6.29E-05	0.015819	0.13651
5mo_SIGAE9_	0.0182444	0.09948928	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.04408138	0.25539196	5.38E-05	0.0050014	0.012967
5mo_SIGAE9_	0.1045735	0.6204069	6.57E-05	0.025429	-0.18901
5mo_SIGAE9_	0.02167007	0.12016006	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.01527704	0.08158392	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.09594487	0.56834096	6.50E-05	0.023448	-0.045608
5mo_SIGAE9_	0.02213572	0.12296984	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.03715934	0.21362376	4.76E-05	0.0043355	-0.057524
5mo_SIGAE9_	0.02108951	0.11665689	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.02381182	0.1330836	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.01817615	0.0990774	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.01651597	0.08905976	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.02719476	0.15349652	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.07320259	0.431112	6.23E-05	0.013561	0.12737
5mo_SIGAE9_	0.02192695	0.1217101	3.49E-05	0.0044169	-0.046619
5mo_SIGAE9_	0.0674247	0.39624768	6.14E-05	0.011039	0.10492
5mo_SIGAE9_	0.03108631	0.17697851	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.00970376	0.04795422	3.20E-05	0.0068348	0.4058
5mo_SIGAE9_	0.01539699	0.0823077	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.05365177	0.31314057	5.91E-05	0.0068337	0.060836
5mo_SIGAE9_	0.0317812	0.18117155	4.22E-05	0.0040866	-0.10071
5mo_SIGAE9_	0.02106217	0.11649193	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.02109299	0.1166779	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.01841553	0.10052186	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.01887748	0.10330932	3.38E-05	0.004741	0.03364

5mo_SIGAE9_	0.02351544	0.13129516	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.04205737	0.24317893	5.24E-05	0.0047963	-0.00654
5mo_SIGAE9_	0.01469538	0.07807414	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.02740789	0.15478256	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.13972127	0.8324918	6.73E-05	0.023551	-0.49317
5mo_SIGAE9_	0.0881943	0.5215733	6.42E-05	0.020421	0.080939
5mo_SIGAE9_	0.06546588	0.384428	6.12E-05	0.01041	0.095509
5mo_SIGAE9_	0.00850916	0.04074593	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.06360035	0.37317127	6.10E-05	0.0098069	0.089169
5mo_SIGAE9_	0.11056156	0.65653944	6.60E-05	0.02558	-0.27396
5mo_SIGAE9_	0.07551784	0.44508246	6.26E-05	0.014549	0.13453
5mo_SIGAE9_	0.08647056	0.5111721	6.40E-05	0.019681	0.099025
5mo_SIGAE9_	0.07981058	0.47098523	6.32E-05	0.016594	0.13545
5mo_SIGAE9_	0.09449672	0.55960274	6.48E-05	0.022877	-0.017059
5mo_SIGAE9_	0.11532313	0.68527114	6.63E-05	0.025182	-0.32814
5mo_SIGAE9_	0.03090013	0.17585509	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.01433382	0.07589245	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.03779166	0.21743922	4.81E-05	0.0043756	-0.05192
5mo_SIGAE9_	0.04738164	0.27530605	5.61E-05	0.0054936	0.035328
5mo_SIGAE9_	0.02303617	0.12840326	3.55E-05	0.0043197	-0.065623
5mo_SIGAE9_	0.03042197	0.17296985	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.03733134	0.21466158	4.76E-05	0.0043355	-0.057524
5mo_SIGAE9_	0.06749838	0.39669228	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.04367345	0.25293043	5.38E-05	0.0050014	0.008455
5mo_SIGAE9_	0.09976579	0.59139675	6.53E-05	0.024558	-0.10426
5mo_SIGAE9_	0.07566951	0.4459976	6.26E-05	0.014549	0.13453
5mo_SIGAE9_	0.14508657	0.86486655	6.75E-05	0.023641	-0.51136
5mo_SIGAE9_	0.01754321	0.09525821	3.33E-05	0.0049935	0.067421
5mo_SIGAE9_	0.02302917	0.128361	3.55E-05	0.0043197	-0.065623
5mo_SIGAE9_	0.01682992	0.09095413	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.08480515	0.5011229	6.38E-05	0.018923	0.1136
5mo_SIGAE9_	0.01162745	0.05956198	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.01575797	0.08448592	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.04129898	0.23860273	5.14E-05	0.0046741	-0.011944
5mo_SIGAE9_	0.03050582	0.17347579	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.07107894	0.4182977	6.20E-05	0.012608	0.11916
5mo_SIGAE9_	0.01840338	0.10044853	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.09891095	0.58623856	6.52E-05	0.024275	-0.094455
5mo_SIGAE9_	0.08650671	0.51139027	6.40E-05	0.019681	0.099025
5mo_SIGAE9_	0.1335881	0.7954837	6.71E-05	0.023546	-0.46255
5mo_SIGAE9_	0.11307845	0.6717266	6.62E-05	0.025403	-0.30551
5mo_SIGAE9_	0.01380576	0.07270607	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.02000032	0.11008464	3.42E-05	0.0045972	0.0032259

5mo_SIGAE9_	0.02981033	0.16927916	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.02098279	0.11601291	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.07096266	0.41759607	6.20E-05	0.012608	0.11916
5mo_SIGAE9_	0.09082657	0.5374567	6.45E-05	0.021597	0.044278
5mo_SIGAE9_	0.0580876	0.3399068	6.01E-05	0.0080116	0.073002
5mo_SIGAE9_	0.04132892	0.23878339	5.14E-05	0.0046741	-0.011944
5mo_SIGAE9_	0.05943537	0.34803936	6.03E-05	0.0083426	0.075889
5mo_SIGAE9_	0.03205939	0.1828502	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.01806954	0.09843415	3.34E-05	0.0049043	0.050123
5mo_SIGAE9_	0.02075487	0.11463764	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.03648645	0.20956346	4.70E-05	0.0042982	-0.062998
5mo_SIGAE9_	0.02539567	0.14264065	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.02230331	0.12398111	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.02642089	0.14882694	3.76E-05	0.0041286	-0.099939
5mo_SIGAE9_	0.07737296	0.45627642	6.28E-05	0.015307	0.13646
5mo_SIGAE9_	0.04937192	0.28731555	5.73E-05	0.0058857	0.04392
5mo_SIGAE9_	0.10407597	0.61740476	6.56E-05	0.025367	-0.18011
5mo_SIGAE9_	0.05276677	0.3078004	5.87E-05	0.0065755	0.057248
5mo_SIGAE9_	0.1453146	0.8662425	6.75E-05	0.023641	-0.51294
5mo_SIGAE9_	0.03102108	0.1765849	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.06446846	0.37840948	6.10E-05	0.010005	0.093303
5mo_SIGAE9_	0.01197081	0.0616338	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.04132787	0.23877703	5.14E-05	0.0046741	-0.011944
5mo_SIGAE9_	0.01179305	0.06056123	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.03763564	0.21649781	4.81E-05	0.0043756	-0.05192
5mo_SIGAE9_	0.03363587	0.19236283	4.43E-05	0.004153	-0.087207
5mo_SIGAE9_	0.14012218	0.8349109	6.74E-05	0.023558	-0.49317
5mo_SIGAE9_	0.01790846	0.09746213	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.06697909	0.39355883	6.14E-05	0.011039	0.10251
5mo_SIGAE9_	0.09283312	0.5495644	6.46E-05	0.022258	0.010343
5mo_SIGAE9_	0.01344401	0.07052326	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02244348	0.12482689	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.05874643	0.3438822	6.02E-05	0.0081753	0.074438
5mo_SIGAE9_	0.06650634	0.39070624	6.13E-05	0.010826	0.10013
5mo_SIGAE9_	0.10032982	0.5948002	6.53E-05	0.024687	-0.11403
5mo_SIGAE9_	0.0126947	0.06600188	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.04314258	0.24972714	5.33E-05	0.0049301	0.0036923
5mo_SIGAE9_	0.05955482	0.3487601	6.03E-05	0.0083426	0.077363
5mo_SIGAE9_	0.02195204	0.12186147	3.49E-05	0.0044169	-0.046619
5mo_SIGAE9_	0.05571641	0.3255988	5.95E-05	0.007248	0.067199
5mo_SIGAE9_	0.01173579	0.06021567	3.22E-05	0.0061869	0.30353
5mo_SIGAE9_	0.0820512	0.48450536	6.35E-05	0.017633	0.12948
5mo_SIGAE9_	0.11636178	0.69153845	6.64E-05	0.025054	-0.33347

5mo_SIGAE9_	0.03473362	0.19898671	4.48E-05	0.0041765	-0.078293
5mo_SIGAE9_	0.02429214	0.13598189	3.64E-05	0.0042065	-0.080664
5mo_SIGAE9_	0.08411503	0.49695867	6.37E-05	0.018667	0.1176
5mo_SIGAE9_	0.08945195	0.5291621	6.43E-05	0.020902	0.059815
5mo_SIGAE9_	0.14230588	0.8480876	6.74E-05	0.023593	-0.5021
5mo_SIGAE9_	0.0090189	0.04382176	3.19E-05	0.0070136	0.43237
5mo_SIGAE9_	0.0886924	0.5245789	6.42E-05	0.020663	0.074212
5mo_SIGAE9_	0.02490241	0.1396643	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.03848856	0.2216444	4.87E-05	0.0044183	-0.04622
5mo_SIGAE9_	0.01622786	0.08732128	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.09166809	0.54253453	6.45E-05	0.021822	0.027741
5mo_SIGAE9_	0.00748279	0.03455268	3.19E-05	0.0075925	0.51404
5mo_SIGAE9_	0.09050756	0.53553176	6.44E-05	0.021369	0.044278
5mo_SIGAE9_	0.066175	0.3887069	6.13E-05	0.010616	0.10013
5mo_SIGAE9_	0.02259844	0.12576193	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.01931764	0.10596525	3.40E-05	0.0046667	0.017998
5mo_SIGAE9_	0.02048938	0.11303566	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.01817834	0.09909064	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.09797079	0.5805656	6.52E-05	0.024123	-0.074831
5mo_SIGAE9_	0.0174207	0.09451895	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.12604272	0.7499542	6.68E-05	0.023927	-0.41325
5mo_SIGAE9_	0.00474691	0.01804417	3.18E-05	0.0087056	0.65503
5mo_SIGAE9_	0.10947851	0.6500042	6.60E-05	0.025611	-0.2602
5mo_SIGAE9_	0.01708747	0.09250823	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.08474141	0.50073826	6.38E-05	0.018923	0.1136
5mo_SIGAE9_	0.02028262	0.11178803	3.42E-05	0.0045972	-0.01065
5mo_SIGAE9_	0.04343968	0.25151992	5.33E-05	0.0049301	0.0036923
5mo_SIGAE9_	0.07875142	0.46459413	6.30E-05	0.016077	0.13651
5mo_SIGAE9_	0.07220154	0.4250716	6.21E-05	0.01308	0.12548
5mo_SIGAE9_	0.030117	0.17112961	4.07E-05	0.0040668	-0.10597
5mo_SIGAE9_	0.0896307	0.5302407	6.44E-05	0.021137	0.059815
5mo_SIGAE9_	0.0084795	0.04056695	3.19E-05	0.0071994	0.45929
5mo_SIGAE9_	0.01435769	0.07603648	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01898073	0.10393231	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.03209285	0.18305211	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.05688827	0.3326699	5.98E-05	0.0075425	0.070131
5mo_SIGAE9_	0.0181409	0.09886473	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.07432468	0.43788278	6.24E-05	0.014051	0.13074
5mo_SIGAE9_	0.07683241	0.45301464	6.27E-05	0.015053	0.13605
5mo_SIGAE9_	0.02378625	0.1329293	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.00516802	0.02058514	3.18E-05	0.0084677	0.62647
5mo_SIGAE9_	0.09608828	0.56920636	6.50E-05	0.023448	-0.045608
5mo_SIGAE9_	0.10146388	0.6016432	6.54E-05	0.024923	-0.13341

5mo_SIGAE9_	0.02472462	0.13859148	3.64E-05	0.0042065	-0.086782
5mo_SIGAE9_	0.03201086	0.18255733	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.08995696	0.5322094	6.44E-05	0.021137	0.05218
5mo_SIGAE9_	0.02538568	0.1425804	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.06411742	0.3762913	6.10E-05	0.010005	0.091185
5mo_SIGAE9_	0.11270151	0.6694521	6.62E-05	0.025448	-0.29951
5mo_SIGAE9_	0.01583927	0.08497648	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.0736066	0.43354985	6.23E-05	0.013805	0.12913
5mo_SIGAE9_	0.03193155	0.18207875	4.22E-05	0.0040866	-0.097962
5mo_SIGAE9_	0.01364272	0.07172227	3.24E-05	0.0057681	0.20898
5mo_SIGAE9_	0.05851986	0.34251508	6.01E-05	0.0080116	0.074438
5mo_SIGAE9_	0.13976717	0.8327688	6.73E-05	0.023551	-0.49317
5mo_SIGAE9_	0.034833	0.19958639	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.09560154	0.5662693	6.49E-05	0.023263	-0.035993
5mo_SIGAE9_	0.02176305	0.1207211	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.15040247	0.89694315	6.77E-05	0.023699	-0.52306
5mo_SIGAE9_	0.02287488	0.12743002	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.03982146	0.22968721	5.03E-05	0.0045634	-0.028892
5mo_SIGAE9_	0.0674622	0.39647397	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.02406863	0.13463317	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.01883303	0.10304108	3.38E-05	0.004741	0.03364
5mo_SIGAE9_	0.01564073	0.08377846	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.10152927	0.6020378	6.54E-05	0.024923	-0.14299
5mo_SIGAE9_	0.10955857	0.6504873	6.60E-05	0.025611	-0.2602
5mo_SIGAE9_	0.02879095	0.1631281	3.97E-05	0.0040686	-0.10664
5mo_SIGAE9_	0.02121976	0.11744283	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.02737358	0.15457559	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.11497493	0.68317014	6.63E-05	0.025242	-0.32268
5mo_SIGAE9_	0.00572289	0.0239333	3.18E-05	0.0082375	0.59807
5mo_SIGAE9_	0.03751411	0.21576448	4.81E-05	0.0043756	-0.05192
5mo_SIGAE9_	0.04613638	0.26779202	5.54E-05	0.0053171	0.025099
5mo_SIGAE9_	0.12538795	0.74600327	6.68E-05	0.023978	-0.40938
5mo_SIGAE9_	0.08656663	0.51175183	6.40E-05	0.019681	0.093363
5mo_SIGAE9_	0.10814542	0.6419602	6.59E-05	0.025614	-0.24573
5mo_SIGAE9_	0.01830119	0.09983192	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.05949757	0.34841466	6.03E-05	0.0083426	0.077363
5mo_SIGAE9_	0.09229643	0.546326	6.46E-05	0.022042	0.019141
5mo_SIGAE9_	0.02075385	0.1146315	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.06452867	0.37877277	6.10E-05	0.010005	0.093303
5mo_SIGAE9_	0.02561357	0.1439555	3.72E-05	0.0041509	-0.092011
5mo_SIGAE9_	0.06259	0.3670747	6.08E-05	0.0094206	0.085432
5mo_SIGAE9_	0.03056468	0.17383094	4.11E-05	0.0040705	-0.10475
5mo_SIGAE9_	0.02375707	0.1327532	3.61E-05	0.0042401	-0.073623

5mo_SIGAE9_	0.02795461	0.15808155	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.0446537	0.25884542	5.42E-05	0.0050757	0.017239
5mo_SIGAE9_	0.03430336	0.19639048	4.48E-05	0.0041765	-0.082901
5mo_SIGAE9_	0.0130963	0.06842512	3.23E-05	0.0059016	0.23179
5mo_SIGAE9_	0.06552652	0.38479388	6.12E-05	0.01041	0.095509
5mo_SIGAE9_	0.02742127	0.15486334	3.84E-05	0.0040947	-0.10271
5mo_SIGAE9_	0.03133373	0.17847146	4.16E-05	0.0040771	-0.10071
5mo_SIGAE9_	0.02857632	0.161833	3.93E-05	0.004074	-0.10664
5mo_SIGAE9_	0.02056337	0.11348212	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.02628449	0.14800392	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.10457053	0.62038904	6.56E-05	0.025367	-0.18901
5mo_SIGAE9_	0.10949466	0.65010166	6.60E-05	0.025611	-0.2602
5mo_SIGAE9_	0.03760761	0.21632865	4.81E-05	0.0043756	-0.05192
5mo_SIGAE9_	0.08864946	0.5243198	6.42E-05	0.020663	0.074212
5mo_SIGAE9_	0.01671596	0.0902665	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.03481635	0.19948591	4.54E-05	0.0042028	-0.078293
5mo_SIGAE9_	0.02021583	0.11138506	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.0233649	0.13038684	3.58E-05	0.0042778	-0.065623
5mo_SIGAE9_	0.11714957	0.6962921	6.64E-05	0.024986	-0.34377
5mo_SIGAE9_	0.05498578	0.32119012	5.94E-05	0.0071062	0.064127
5mo_SIGAE9_	0.04101786	0.2369064	5.14E-05	0.0046741	-0.017493
5mo_SIGAE9_	0.02498576	0.14016727	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.03582878	0.20559503	4.59E-05	0.0042319	-0.068307
5mo_SIGAE9_	0.01482986	0.07888561	3.27E-05	0.0054028	0.16515
5mo_SIGAE9_	0.11701857	0.6955016	6.64E-05	0.024986	-0.34377
5mo_SIGAE9_	0.01459645	0.07747716	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.13278322	0.790627	6.71E-05	0.023568	-0.45613
5mo_SIGAE9_	0.09696863	0.57451844	6.51E-05	0.023799	-0.055297
5mo_SIGAE9_	0.02285592	0.12731558	3.55E-05	0.0043197	-0.056631
5mo_SIGAE9_	0.02380327	0.13303201	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.00677056	0.03025505	3.18E-05	0.0078	0.54183
5mo_SIGAE9_	0.0179097	0.09746963	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.01972356	0.10841462	3.40E-05	0.0046667	0.0032259
5mo_SIGAE9_	0.04360556	0.25252083	5.38E-05	0.0050014	0.008455
5mo_SIGAE9_	0.03106533	0.17685193	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.02408418	0.13472702	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.10941017	0.64959186	6.60E-05	0.025611	-0.2602
5mo_SIGAE9_	0.13683067	0.8150497	6.73E-05	0.023528	-0.48029
5mo_SIGAE9_	0.06196189	0.36328465	6.07E-05	0.0092324	0.083692
5mo_SIGAE9_	0.01603255	0.08614274	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.01675362	0.09049373	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.10842805	0.6436657	6.59E-05	0.025614	-0.24573
5mo_SIGAE9_	0.08753841	0.5176156	6.41E-05	0.020177	0.087329

5mo_SIGAE9_	0.00776047	0.03622826	3.19E-05	0.0073923	0.48652
5mo_SIGAE9_	0.05439633	0.31763333	5.92E-05	0.0069681	0.062513
5mo_SIGAE9_	0.06308297	0.37004933	6.09E-05	0.0096122	0.087254
5mo_SIGAE9_	0.07860133	0.4636885	6.30E-05	0.016077	0.13651
5mo_SIGAE9_	0.08265488	0.48814797	6.35E-05	0.017892	0.1271
5mo_SIGAE9_	0.02409449	0.13478923	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.01052671	0.05291997	3.21E-05	0.0064976	0.35381
5mo_SIGAE9_	0.08792713	0.5199612	6.41E-05	0.020177	0.080939
5mo_SIGAE9_	0.07596099	0.44775644	6.26E-05	0.0148	0.13453
5mo_SIGAE9_	0.05785658	0.33851278	6.00E-05	0.0078516	0.073002
5mo_SIGAE9_	0.02665033	0.15021141	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.13230012	0.7877119	6.71E-05	0.023568	-0.45284
5mo_SIGAE9_	0.01553209	0.08312292	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.06305172	0.36986077	6.09E-05	0.0096122	0.087254
5mo_SIGAE9_	0.08977867	0.5311336	6.44E-05	0.021137	0.059815
5mo_SIGAE9_	0.02478409	0.13895033	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.06758583	0.39721993	6.15E-05	0.011255	0.10492
5mo_SIGAE9_	0.01657328	0.08940557	3.31E-05	0.0050879	0.10435
5mo_SIGAE9_	0.02372624	0.13256718	3.61E-05	0.0042401	-0.073623
5mo_SIGAE9_	0.01639605	0.08833612	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.03224077	0.18394467	4.27E-05	0.004099	-0.097962
5mo_SIGAE9_	0.02493171	0.13984111	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.03117998	0.17754371	4.16E-05	0.0040771	-0.10299
5mo_SIGAE9_	0.10811755	0.64179206	6.59E-05	0.025614	-0.24573
5mo_SIGAE9_	0.01804408	0.09828048	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.03312929	0.18930604	4.37E-05	0.0041322	-0.091175
5mo_SIGAE9_	0.01436468	0.07607868	3.26E-05	0.0055188	0.18676
5mo_SIGAE9_	0.01270719	0.0660772	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.08750942	0.5174407	6.41E-05	0.020177	0.087329
5mo_SIGAE9_	0.02522887	0.14163417	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.02087844	0.11538328	3.44E-05	0.0045325	-0.023601
5mo_SIGAE9_	0.07064313	0.415668	6.19E-05	0.012376	0.11916
5mo_SIGAE9_	0.01831777	0.09993198	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.02953153	0.16759685	4.02E-05	0.0040662	-0.10661
5mo_SIGAE9_	0.08407719	0.49673033	6.37E-05	0.018667	0.1176
5mo_SIGAE9_	0.02113335	0.11692141	3.47E-05	0.0044724	-0.023601
5mo_SIGAE9_	0.01258302	0.06532795	3.23E-05	0.0059016	0.25518
5mo_SIGAE9_	0.01619707	0.08713546	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.02169127	0.12028799	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.02224829	0.1236491	3.52E-05	0.0043661	-0.046619
5mo_SIGAE9_	0.0248845	0.13955623	3.68E-05	0.0041768	-0.086782
5mo_SIGAE9_	0.02791717	0.15785564	3.88E-05	0.0040827	-0.10472
5mo_SIGAE9_	0.02420905	0.13548048	3.64E-05	0.0042065	-0.080664

5mo_SIGAE9_	0.07483985	0.44099137	6.25E-05	0.014299	0.13218
5mo_SIGAE9_	0.02190843	0.12159832	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.03717282	0.21370511	4.76E-05	0.0043355	-0.057524
5mo_SIGAE9_	0.02191429	0.1216337	3.49E-05	0.0044169	-0.0356
5mo_SIGAE9_	0.07431595	0.43783012	6.24E-05	0.014051	0.13074
5mo_SIGAE9_	0.01727268	0.09362581	3.33E-05	0.0049935	0.085504
5mo_SIGAE9_	0.02140916	0.11858571	3.47E-05	0.0044724	-0.0356
5mo_SIGAE9_	0.01993594	0.10969616	3.42E-05	0.0045972	0.0032259
5mo_SIGAE9_	0.07727744	0.45570007	6.28E-05	0.015307	0.13646
5mo_SIGAE9_	0.01812975	0.09879743	3.36E-05	0.0048202	0.050123
5mo_SIGAE9_	0.03084955	0.17554986	4.11E-05	0.0040705	-0.10299
5mo_SIGAE9_	0.03628061	0.20832139	4.65E-05	0.0042637	-0.068307
5mo_SIGAE9_	0.0266227	0.15004465	3.80E-05	0.0041099	-0.099939
5mo_SIGAE9_	0.01791393	0.09749514	3.34E-05	0.0049043	0.067421
5mo_SIGAE9_	0.03841784	0.22121762	4.87E-05	0.0044183	-0.04622
5mo_SIGAE9_	0.12819389	0.7629345	6.69E-05	0.023757	-0.4283
5mo_SIGAE9_	0.01397689	0.07373871	3.25E-05	0.0056405	0.20898
5mo_SIGAE9_	0.01603473	0.08615588	3.30E-05	0.0051875	0.12392
5mo_SIGAE9_	0.01553952	0.08316775	3.28E-05	0.0052924	0.1442
5mo_SIGAE9_	0.01353758	0.07108785	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.02073351	0.11450875	3.44E-05	0.0045325	-0.01065
5mo_SIGAE9_	0.12537287	0.74591225	6.68E-05	0.023978	-0.40938
5mo_SIGAE9_	0.01322959	0.06922939	3.24E-05	0.0057681	0.23179
5mo_SIGAE9_	0.05090875	0.29658893	5.81E-05	0.006215	0.051138
5mo_SIGAE9_	0.05994626	0.35112214	6.04E-05	0.0085136	0.077363
5mo_SIGAE9_	0.07032198	0.4137301	6.19E-05	0.012376	0.11689
5mo_SIGAE9_	0.02624291	0.147753	3.76E-05	0.0041286	-0.096385
5mo_SIGAE9_	0.08480584	0.50112706	6.38E-05	0.018923	0.1136
5mo_SIGAE9_	0.08056292	0.4755249	6.32E-05	0.016854	0.13314
5mo_SIGAE9_	0.08636235	0.5105192	6.40E-05	0.019681	0.099025
5mo_SIGAD9_	0.00975403	0.0482576	3.20E-05	0.0068348	0.4058
5mo_SIGAD9_	0.0853708	0.5045361	6.39E-05	0.019177	0.10916
5mo_SIGAD9_	0.0208074	0.11495464	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9_	0.01692174	0.09150822	3.31E-05	0.0050879	0.10435
5mo_SIGAD9_	0.06336696	0.37176293	6.09E-05	0.0096122	0.089169
5mo_SIGAD9_	0.00847164	0.04051953	3.19E-05	0.0071994	0.45929
5mo_SIGAD9_	0.07413282	0.43672508	6.24E-05	0.014051	0.13074
5mo_SIGAD9_	0.02024473	0.11155944	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9_	0.08765751	0.5183343	6.41E-05	0.020177	0.087329
5mo_SIGAD9_	0.02761267	0.15601824	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9_	0.02653375	0.14950792	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9_	0.03405229	0.1948755	4.43E-05	0.004153	-0.087207
5mo_SIGAD9_	0.01486192	0.07907902	3.27E-05	0.0054028	0.16515

5mo_SIGAD9	0.03344933	0.19123718	4.37E-05	0.0041322	-0.091175
5mo_SIGAD9	0.02422411	0.1355714	3.64E-05	0.0042065	-0.080664
5mo_SIGAD9	0.12552154	0.74680936	6.68E-05	0.023978	-0.40938
5mo_SIGAD9	0.02327145	0.12982291	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.01529239	0.08167652	3.27E-05	0.0054028	0.1442
5mo_SIGAD9	0.02338789	0.13052553	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.01264454	0.06569917	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.03285068	0.18762489	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.11115946	0.6601472	6.61E-05	0.025556	-0.28058
5mo_SIGAD9	0.06157481	0.36094892	6.07E-05	0.0090475	0.082025
5mo_SIGAD9	0.02188925	0.1214826	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.04894503	0.2847397	5.70E-05	0.0057827	0.041222
5mo_SIGAD9	0.04219266	0.2439953	5.24E-05	0.0047963	-0.00654
5mo_SIGAD9	0.04955332	0.2884102	5.73E-05	0.0058857	0.046466
5mo_SIGAD9	0.09896185	0.5865457	6.52E-05	0.024275	-0.094455
5mo_SIGAD9	0.02758046	0.15582392	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.01270411	0.0660586	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.03198454	0.18239854	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.02919322	0.16555542	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.03782873	0.2176629	4.81E-05	0.0043756	-0.05192
5mo_SIGAD9	0.02119666	0.11730346	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.07361431	0.43359634	6.23E-05	0.013805	0.12913
5mo_SIGAD9	0.02244837	0.12485638	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.01134948	0.05788468	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.00793421	0.0372766	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.07217177	0.42489195	6.21E-05	0.01308	0.12348
5mo_SIGAD9	0.02021845	0.11140088	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.01914928	0.10494939	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.05707882	0.33381975	5.99E-05	0.0076952	0.070131
5mo_SIGAD9	0.10806479	0.64147365	6.59E-05	0.025614	-0.23822
5mo_SIGAD9	0.13325234	0.7934577	6.71E-05	0.023556	-0.45937
5mo_SIGAD9	0.01863012	0.10181671	3.36E-05	0.0048202	0.03364
5mo_SIGAD9	0.01517664	0.0809781	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.12263528	0.72939336	6.67E-05	0.024282	-0.38934
5mo_SIGAD9	0.02578153	0.144969	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.01757164	0.09542975	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.11618935	0.690498	6.63E-05	0.025119	-0.33347
5mo_SIGAD9	0.10272342	0.6092434	6.55E-05	0.025127	-0.16182
5mo_SIGAD9	0.07729924	0.45583156	6.28E-05	0.015307	0.13646
5mo_SIGAD9	0.01625114	0.08746171	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02413041	0.135006	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.01615085	0.08685658	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02569975	0.14447552	3.72E-05	0.0041509	-0.092011

5mo_SIGAD9	0.05469601	0.31944165	5.94E-05	0.0071062	0.064127
5mo_SIGAD9	0.08888767	0.5257572	6.42E-05	0.020663	0.067165
5mo_SIGAD9	0.02471011	0.13850395	3.64E-05	0.0042065	-0.086782
5mo_SIGAD9	0.06029472	0.35322475	6.05E-05	0.008688	0.07887
5mo_SIGAD9	0.015317	0.08182505	3.27E-05	0.0054028	0.1442
5mo_SIGAD9	0.01248492	0.06473602	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.00872616	0.04205528	3.19E-05	0.0070136	0.43237
5mo_SIGAD9	0.06055045	0.35476786	6.05E-05	0.008688	0.07887
5mo_SIGAD9	0.03417235	0.19559999	4.43E-05	0.004153	-0.082901
5mo_SIGAD9	0.11588337	0.6886517	6.63E-05	0.025119	-0.33347
5mo_SIGAD9	0.03974625	0.22923338	5.03E-05	0.0045634	-0.028892
5mo_SIGAD9	0.03415899	0.19551939	4.43E-05	0.004153	-0.082901
5mo_SIGAD9	0.03046959	0.17325717	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.04895352	0.28479087	5.70E-05	0.0057827	0.041222
5mo_SIGAD9	0.04315465	0.2498	5.33E-05	0.0049301	0.0036923
5mo_SIGAD9	0.01915011	0.10495438	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.02537989	0.14254546	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.04442972	0.25749385	5.42E-05	0.0050757	0.012967
5mo_SIGAD9	0.03907481	0.22518188	4.92E-05	0.0044639	-0.034672
5mo_SIGAD9	0.01680676	0.09081439	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.01642535	0.08851294	3.30E-05	0.0051875	0.10435
5mo_SIGAD9	0.01544947	0.08262438	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.01925083	0.10556211	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.0442638	0.25649273	5.42E-05	0.0050757	0.012967
5mo_SIGAD9	0.00702113	0.03176699	3.18E-05	0.0078	0.51404
5mo_SIGAD9	0.01621624	0.08725115	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.0631282	0.3703222	6.09E-05	0.0096122	0.087254
5mo_SIGAD9	0.09817356	0.5817891	6.52E-05	0.024123	-0.084641
5mo_SIGAD9	0.01592885	0.08551699	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.03516502	0.20158984	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.02796538	0.15814656	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.07760428	0.4576722	6.29E-05	0.015562	0.13646
5mo_SIGAD9	0.07550731	0.44501892	6.26E-05	0.014549	0.13453
5mo_SIGAD9	0.15141112	0.90302944	6.77E-05	0.023705	-0.52438
5mo_SIGAD9	0.09384672	0.5556805	6.48E-05	0.022676	-0.0077738
5mo_SIGAD9	0.04001677	0.23086575	5.03E-05	0.0045634	-0.028892
5mo_SIGAD9	0.02080788	0.11495753	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.05141938	0.29967016	5.83E-05	0.0063316	0.053285
5mo_SIGAD9	0.04321296	0.25015184	5.33E-05	0.0049301	0.0036923
5mo_SIGAD9	0.01663061	0.08975149	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.04268333	0.24695604	5.29E-05	0.0048617	-0.0013165
5mo_SIGAD9	0.09266163	0.5485296	6.46E-05	0.022258	0.010343
5mo_SIGAD9	0.0171475	0.09287047	3.33E-05	0.0049935	0.085504

5mo_SIGAD9	0.02534174	0.14231522	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.08335123	0.4923498	6.36E-05	0.018151	0.12117
5mo_SIGAD9	0.03056245	0.17381749	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.11891753	0.7069601	6.65E-05	0.024776	-0.3584
5mo_SIGAD9	0.04087101	0.23602028	5.14E-05	0.0046741	-0.017493
5mo_SIGAD9	0.01853402	0.10123682	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.09259448	0.5481244	6.46E-05	0.022258	0.019141
5mo_SIGAD9	0.06608356	0.3881551	6.13E-05	0.010616	0.097788
5mo_SIGAD9	0.03424474	0.1960368	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.06822191	0.40105814	6.16E-05	0.011474	0.10734
5mo_SIGAD9	0.11308408	0.67176056	6.62E-05	0.025403	-0.30551
5mo_SIGAD9	0.05460787	0.31890976	5.92E-05	0.0069681	0.064127
5mo_SIGAD9	0.01130162	0.05759587	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.06563824	0.38546807	6.12E-05	0.01041	0.097788
5mo_SIGAD9	0.08938678	0.5287689	6.43E-05	0.020902	0.059815
5mo_SIGAD9	0.05298268	0.30910325	5.87E-05	0.0065755	0.059084
5mo_SIGAD9	0.15275335	0.9111286	6.77E-05	0.023709	-0.52541
5mo_SIGAD9	0.04114164	0.23765329	5.14E-05	0.0046741	-0.017493
5mo_SIGAD9	0.00888822	0.04303318	3.19E-05	0.0070136	0.43237
5mo_SIGAD9	0.03276749	0.18712294	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.01896214	0.10382017	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.07779506	0.45882338	6.29E-05	0.015562	0.13662
5mo_SIGAD9	0.0554134	0.3237704	5.95E-05	0.007248	0.065685
5mo_SIGAD9	0.02197115	0.12197682	3.49E-05	0.0044169	-0.046619
5mo_SIGAD9	0.02307608	0.12864406	3.55E-05	0.0043197	-0.065623
5mo_SIGAD9	0.06614779	0.38854268	6.13E-05	0.010616	0.10013
5mo_SIGAD9	0.01417095	0.07490967	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.02355124	0.13151123	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.03140263	0.1788872	4.16E-05	0.0040771	-0.10071
5mo_SIGAD9	0.05519762	0.32246837	5.94E-05	0.0071062	0.065685
5mo_SIGAD9	0.01959739	0.10765329	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.0592988	0.34721527	6.03E-05	0.0083426	0.075889
5mo_SIGAD9	0.1095942	0.6507023	6.60E-05	0.025599	-0.2602
5mo_SIGAD9	0.01962731	0.10783384	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.11547087	0.68616265	6.63E-05	0.025182	-0.32814
5mo_SIGAD9	0.04222673	0.24420084	5.24E-05	0.0047963	-0.00654
5mo_SIGAD9	0.01710763	0.09262987	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.08566012	0.50628185	6.39E-05	0.019177	0.1043
5mo_SIGAD9	0.06845962	0.40249252	6.16E-05	0.011474	0.10977
5mo_SIGAD9	0.05126512	0.2987393	5.81E-05	0.006215	0.053285
5mo_SIGAD9	0.00906647	0.04410876	3.19E-05	0.0070136	0.43237
5mo_SIGAD9	0.01796176	0.09778375	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.01620912	0.0872082	3.30E-05	0.0051875	0.12392

5mo_SIGAD9	0.06064219	0.35532144	6.05E-05	0.008688	0.080421
5mo_SIGAD9	0.01602165	0.08607695	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.08557747	0.50578314	6.39E-05	0.019177	0.1043
5mo_SIGAD9	0.11441261	0.679777	6.63E-05	0.025299	-0.3171
5mo_SIGAD9	0.09853464	0.5839679	6.52E-05	0.024275	-0.084641
5mo_SIGAD9	0.07194187	0.42350468	6.21E-05	0.01308	0.12348
5mo_SIGAD9	0.0093536	0.04584136	3.20E-05	0.0068348	0.4058
5mo_SIGAD9	0.0237424	0.13266465	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.02679544	0.15108702	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.02654596	0.14958166	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.01556844	0.08334224	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.05919817	0.34660807	6.03E-05	0.0083426	0.075889
5mo_SIGAD9	0.00829299	0.0394415	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.09691775	0.5742114	6.51E-05	0.023799	-0.055297
5mo_SIGAD9	0.08965037	0.5303594	6.44E-05	0.021137	0.059815
5mo_SIGAD9	0.03110683	0.17710234	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.02797519	0.1582057	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.01930573	0.10589338	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.01140907	0.05824426	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.03042767	0.17300422	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.00856367	0.04107484	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.03289424	0.18788771	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.03011454	0.17111474	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.053712	0.31350398	5.91E-05	0.0068337	0.060836
5mo_SIGAD9	0.03780828	0.21753949	4.81E-05	0.0043756	-0.05192
5mo_SIGAD9	0.08224191	0.48565608	6.35E-05	0.017633	0.1271
5mo_SIGAD9	0.06341533	0.3720548	6.09E-05	0.0096122	0.089169
5mo_SIGAD9	0.02103714	0.1163409	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.07464402	0.43980974	6.25E-05	0.014299	0.13218
5mo_SIGAD9	0.0367837	0.21135707	4.70E-05	0.0042982	-0.062998
5mo_SIGAD9	0.01298632	0.06776148	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.00523368	0.02098137	3.18E-05	0.0084677	0.62647
5mo_SIGAD9	0.02976312	0.16899426	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.02233208	0.12415469	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.00707262	0.03207769	3.19E-05	0.0075925	0.51404
5mo_SIGAD9	0.08456621	0.49968112	6.37E-05	0.018667	0.1136
5mo_SIGAD9	0.0786483	0.4639719	6.30E-05	0.016077	0.13651
5mo_SIGAD9	0.01682608	0.09093098	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.01980257	0.1088914	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.01195516	0.06153939	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.05099485	0.29710847	5.81E-05	0.006215	0.051138
5mo_SIGAD9	0.01507795	0.08038259	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.0062136	0.02689432	3.18E-05	0.008015	0.56984

5mo_SIGAD9	0.02587246	0.14551765	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.02530864	0.14211555	3.68E-05	0.0041768	-0.092011
5mo_SIGAD9	0.03211758	0.1832013	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.02605797	0.14663705	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.01896485	0.10383651	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.08203296	0.4843953	6.35E-05	0.017633	0.12948
5mo_SIGAD9	0.02579027	0.14502174	3.72E-05	0.0041509	-0.096385
5mo_SIGAD9	0.09038539	0.53479457	6.44E-05	0.021369	0.05218
5mo_SIGAD9	0.02003302	0.11028195	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.03080233	0.17526497	4.11E-05	0.0040705	-0.10299
5mo_SIGAD9	0.03963852	0.22858332	4.98E-05	0.0045122	-0.028892
5mo_SIGAD9	0.04588644	0.26628387	5.54E-05	0.0053171	0.025099
5mo_SIGAD9	0.01579603	0.08471556	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.10503813	0.62321055	6.57E-05	0.025429	-0.19772
5mo_SIGAD9	0.01083875	0.05480288	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.0720056	0.42388925	6.21E-05	0.01308	0.12348
5mo_SIGAD9	0.0752759	0.44362253	6.26E-05	0.014549	0.13345
5mo_SIGAD9	0.08581703	0.5072287	6.39E-05	0.01943	0.1043
5mo_SIGAD9	0.03427456	0.19621673	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.01865484	0.1019659	3.36E-05	0.0048202	0.03364
5mo_SIGAD9	0.03503741	0.20081985	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.04706832	0.27341548	5.61E-05	0.0054936	0.032113
5mo_SIGAD9	0.04061412	0.23447019	5.09E-05	0.0046173	-0.023154
5mo_SIGAD9	0.0138579	0.07302072	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.02915813	0.16534372	3.97E-05	0.0040686	-0.10661
5mo_SIGAD9	0.08403005	0.4964459	6.37E-05	0.01841	0.1176
5mo_SIGAD9	0.03581027	0.20548333	4.59E-05	0.0042319	-0.068307
5mo_SIGAD9	0.02296851	0.12799494	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.03043254	0.17303358	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.06208053	0.3640005	6.07E-05	0.0092324	0.083692
5mo_SIGAD9	0.01168814	0.05992818	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.02347988	0.1310806	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.01708863	0.09251522	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.03063444	0.1742519	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.01178501	0.06051267	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.07336713	0.4321049	6.23E-05	0.013561	0.12913
5mo_SIGAD9	0.04885737	0.2842107	5.70E-05	0.0057827	0.041222
5mo_SIGAD9	0.11049967	0.65616596	6.60E-05	0.02558	-0.27396
5mo_SIGAD9	0.10723198	0.63644844	6.58E-05	0.025586	-0.23052
5mo_SIGAD9	0.03212372	0.18323833	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.03429169	0.19632007	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.02092098	0.11563994	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.03973948	0.22919257	5.03E-05	0.0045634	-0.028892

5mo_SIGAD9	0.14261399	0.84994674	6.74E-05	0.023593	-0.50412
5mo_SIGAD9	0.01045959	0.05251499	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.11367074	0.6753005	6.62E-05	0.025353	-0.31137
5mo_SIGAD9	0.01622142	0.0872824	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.04659069	0.27053338	5.57E-05	0.0054037	0.028707
5mo_SIGAD9	0.01392392	0.07341908	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.01503874	0.08014598	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.03527841	0.20227402	4.54E-05	0.0042028	-0.073417
5mo_SIGAD9	0.06148351	0.36039802	6.07E-05	0.0090475	0.082025
5mo_SIGAD9	0.0838587	0.49541196	6.37E-05	0.01841	0.1176
5mo_SIGAD9	0.01790974	0.09746986	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.12368676	0.7357381	6.67E-05	0.024153	-0.39752
5mo_SIGAD9	0.06256483	0.3669228	6.08E-05	0.0094206	0.085432
5mo_SIGAD9	0.03243118	0.18509361	4.27E-05	0.004099	-0.094772
5mo_SIGAD9	0.00679549	0.0304055	3.18E-05	0.0078	0.54183
5mo_SIGAD9	0.05733122	0.33534274	5.99E-05	0.0076952	0.071569
5mo_SIGAD9	0.0211542	0.11704725	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.01623683	0.08737537	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.07597749	0.447856	6.26E-05	0.0148	0.13453
5mo_SIGAD9	0.07923448	0.467509	6.31E-05	0.016335	0.13613
5mo_SIGAD9	0.00939358	0.04608261	3.20E-05	0.0068348	0.4058
5mo_SIGAD9	0.0567438	0.33179817	5.98E-05	0.0075425	0.070131
5mo_SIGAD9	0.02923049	0.16578032	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.02698802	0.15224904	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.07663266	0.45180938	6.27E-05	0.015053	0.13605
5mo_SIGAD9	0.04599771	0.2669553	5.54E-05	0.0053171	0.025099
5mo_SIGAD9	0.0166427	0.08982445	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.0794337	0.4687111	6.31E-05	0.016335	0.13545
5mo_SIGAD9	0.01222823	0.06318711	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.0735479	0.43319565	6.23E-05	0.013805	0.12913
5mo_SIGAD9	0.10842514	0.6436481	6.59E-05	0.025614	-0.24573
5mo_SIGAD9	0.02646442	0.1490896	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.04151059	0.23987956	5.19E-05	0.0047337	-0.011944
5mo_SIGAD9	0.12466407	0.74163526	6.68E-05	0.024034	-0.40152
5mo_SIGAD9	0.04117042	0.23782699	5.14E-05	0.0046741	-0.017493
5mo_SIGAD9	0.0827933	0.48898324	6.35E-05	0.017892	0.12434
5mo_SIGAD9	0.02795007	0.15805414	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.10217903	0.60595846	6.55E-05	0.025029	-0.15246
5mo_SIGAD9	0.06683029	0.39266098	6.13E-05	0.010826	0.10251
5mo_SIGAD9	0.02287333	0.12742063	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.05179289	0.30192396	5.83E-05	0.0063316	0.055318
5mo_SIGAD9	0.01455235	0.07721107	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.13204227	0.78615606	6.71E-05	0.023582	-0.45284

5mo_SIGAD9	0.0127545	0.06636271	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.02564958	0.1441728	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.06721345	0.394973	6.14E-05	0.011039	0.10251
5mo_SIGAD9	0.10660244	0.6326497	6.58E-05	0.02556	-0.22263
5mo_SIGAD9	0.0189877	0.10397435	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.0539562	0.31497753	5.91E-05	0.0068337	0.060836
5mo_SIGAD9	0.03261549	0.18620571	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.1475315	0.8796194	6.76E-05	0.023673	-0.51834
5mo_SIGAD9	0.093141	0.5514222	6.47E-05	0.022469	0.010343
5mo_SIGAD9	0.0169985	0.09197136	3.31E-05	0.0050879	0.085504
5mo_SIGAD9	0.02223188	0.12355006	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.02349421	0.13116707	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.02514439	0.14112446	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.02964295	0.16826916	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.05227541	0.3048355	5.85E-05	0.0064518	0.055318
5mo_SIGAD9	0.04961284	0.28876927	5.73E-05	0.0058857	0.046466
5mo_SIGAD9	0.01553371	0.08313271	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.12150372	0.7225654	6.66E-05	0.024419	-0.38089
5mo_SIGAD9	0.02198822	0.12207979	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.01125928	0.05734037	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.01767878	0.09607625	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.02337126	0.13042518	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.09155203	0.5418342	6.45E-05	0.021822	0.027741
5mo_SIGAD9	0.08369608	0.49443066	6.37E-05	0.01841	0.12117
5mo_SIGAD9	0.02645952	0.14906003	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.02138369	0.11843201	3.47E-05	0.0044724	-0.0356
5mo_SIGAD9	0.02361053	0.13186897	3.58E-05	0.0042778	-0.073623
5mo_SIGAD9	0.05782383	0.3383152	6.00E-05	0.0078516	0.071569
5mo_SIGAD9	0.01015104	0.05065319	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.00675292	0.03014857	3.18E-05	0.0078	0.54183
5mo_SIGAD9	0.02599672	0.14626749	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.02564716	0.14415817	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.10520056	0.6241907	6.57E-05	0.025482	-0.19772
5mo_SIGAD9	0.08131348	0.48005387	6.34E-05	0.017373	0.13148
5mo_SIGAD9	0.0755378	0.4452029	6.26E-05	0.014549	0.13453
5mo_SIGAD9	0.01319922	0.06904616	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.02062177	0.11383452	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.01252644	0.06498654	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.02268729	0.12629804	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.0864339	0.5109509	6.40E-05	0.019681	0.099025
5mo_SIGAD9	0.02140495	0.11856029	3.47E-05	0.0044724	-0.0356
5mo_SIGAD9	0.13644171	0.81270266	6.72E-05	0.023527	-0.4775
5mo_SIGAD9	0.05438586	0.31757015	5.92E-05	0.0069681	0.062513

5mo_SIGAD9	0.04594284	0.2666242	5.54E-05	0.0053171	0.025099
5mo_SIGAD9	0.0183441	0.10009083	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.0237654	0.1328035	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.0200766	0.11054489	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.09109811	0.53909516	6.45E-05	0.021597	0.036126
5mo_SIGAD9	0.0186499	0.10193604	3.36E-05	0.0048202	0.03364
5mo_SIGAD9	0.02069444	0.11427301	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.02632526	0.14824991	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.07465456	0.4398733	6.25E-05	0.014299	0.13218
5mo_SIGAD9	0.03452989	0.19775741	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.06018223	0.35254598	6.04E-05	0.0085136	0.07887
5mo_SIGAD9	0.02347574	0.13105565	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.01161225	0.05947023	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.12666912	0.75373393	6.68E-05	0.023879	-0.41707
5mo_SIGAD9	0.08736749	0.5165843	6.41E-05	0.01993	0.087329
5mo_SIGAD9	0.0910539	0.53882843	6.45E-05	0.021597	0.036126
5mo_SIGAD9	0.02376588	0.13280636	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.00757718	0.03512224	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.0253045	0.14209057	3.68E-05	0.0041768	-0.092011
5mo_SIGAD9	0.03086142	0.17562154	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.05923811	0.34684908	6.03E-05	0.0083426	0.075889
5mo_SIGAD9	0.02734661	0.15441282	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.0212839	0.11782987	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.05954496	0.3487006	6.03E-05	0.0083426	0.077363
5mo_SIGAD9	0.07302624	0.4300479	6.23E-05	0.013561	0.12737
5mo_SIGAD9	0.05798047	0.33926034	6.00E-05	0.0078516	0.073002
5mo_SIGAD9	0.00877541	0.04235252	3.19E-05	0.0070136	0.43237
5mo_SIGAD9	0.09521151	0.56391585	6.49E-05	0.023263	-0.026471
5mo_SIGAD9	0.03426746	0.19617388	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.09262824	0.54832816	6.46E-05	0.022258	0.019141
5mo_SIGAD9	0.01327697	0.06951533	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.03640109	0.20904842	4.70E-05	0.0042982	-0.062998
5mo_SIGAD9	0.1418371	0.84525895	6.74E-05	0.023584	-0.5021
5mo_SIGAD9	0.01084141	0.05481894	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.04317436	0.24991891	5.33E-05	0.0049301	0.0036923
5mo_SIGAD9	0.02586337	0.14546281	3.72E-05	0.0041509	-0.096385
5mo_SIGAD9	0.05837749	0.34165603	6.01E-05	0.0080116	0.073002
5mo_SIGAD9	0.07736266	0.45621428	6.28E-05	0.015307	0.13646
5mo_SIGAD9	0.01523192	0.08131164	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.01652024	0.08908551	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.10835607	0.6432313	6.59E-05	0.025614	-0.24573
5mo_SIGAD9	0.07234368	0.42592925	6.21E-05	0.01308	0.12548
5mo_SIGAD9	0.11827079	0.7030576	6.65E-05	0.024847	-0.35363

5mo_SIGAD9	0.03859482	0.22228557	4.87E-05	0.0044183	-0.040459
5mo_SIGAD9	0.01790516	0.09744221	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.0108884	0.05510245	3.21E-05	0.0064976	0.32844
5mo_SIGAD9	0.03162237	0.18021314	4.22E-05	0.0040866	-0.10071
5mo_SIGAD9	0.06576517	0.3862339	6.12E-05	0.01041	0.097788
5mo_SIGAD9	0.05998173	0.35133615	6.04E-05	0.0085136	0.077363
5mo_SIGAD9	0.02194406	0.12181335	3.49E-05	0.0044169	-0.046619
5mo_SIGAD9	0.07432266	0.43787062	6.24E-05	0.014051	0.13074
5mo_SIGAD9	0.01243188	0.06441598	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.09019791	0.53366333	6.44E-05	0.021369	0.05218
5mo_SIGAD9	0.08256815	0.48762465	6.35E-05	0.017892	0.1271
5mo_SIGAD9	0.1084085	0.6435477	6.59E-05	0.025614	-0.24573
5mo_SIGAD9	0.02204901	0.12244664	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.01389362	0.07323623	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.0332805	0.19021845	4.37E-05	0.0041322	-0.091175
5mo_SIGAD9	0.02657214	0.14973962	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.00758868	0.03519167	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.09724291	0.5761735	6.51E-05	0.023799	-0.065044
5mo_SIGAD9	0.04466562	0.25891736	5.42E-05	0.0050757	0.017239
5mo_SIGAD9	0.06861711	0.40344277	6.16E-05	0.011695	0.10977
5mo_SIGAD9	0.0275856	0.1558549	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.09759697	0.5783099	6.51E-05	0.023964	-0.065044
5mo_SIGAD9	0.03334758	0.19062324	4.37E-05	0.0041322	-0.091175
5mo_SIGAD9	0.02491413	0.13973498	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.02499018	0.14019391	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.01363547	0.07167855	3.24E-05	0.0057681	0.20898
5mo_SIGAD9	0.05399371	0.3152039	5.91E-05	0.0068337	0.062513
5mo_SIGAD9	0.02896047	0.164151	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.02507778	0.14072247	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.0189946	0.10401605	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.01440921	0.07634737	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.06363732	0.37339428	6.10E-05	0.0098069	0.089169
5mo_SIGAD9	0.02114778	0.11700852	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.07562277	0.44571558	6.26E-05	0.014549	0.13453
5mo_SIGAD9	0.05166405	0.3011465	5.83E-05	0.0063316	0.053285
5mo_SIGAD9	0.08130601	0.48000878	6.34E-05	0.017373	0.13148
5mo_SIGAD9	0.02737026	0.15455556	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.02729113	0.15407808	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.00658172	0.02911558	3.18E-05	0.0078	0.54183
5mo_SIGAD9	0.08215285	0.48511872	6.35E-05	0.017633	0.1271
5mo_SIGAD9	0.02998769	0.17034933	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.01557268	0.08336785	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.02968344	0.16851349	4.02E-05	0.0040662	-0.10597

5mo_SIGAD9	0.02201092	0.12221675	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.0271829	0.15342496	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.01905734	0.10439462	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.01146458	0.05857917	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.13119593	0.78104913	6.70E-05	0.023599	-0.44608
5mo_SIGAD9	0.05620598	0.32855296	5.97E-05	0.0073934	0.068678
5mo_SIGAD9	0.01626913	0.0875703	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02529551	0.14203627	3.68E-05	0.0041768	-0.092011
5mo_SIGAD9	0.06812337	0.40046352	6.16E-05	0.011474	0.10734
5mo_SIGAD9	0.03703203	0.21285553	4.76E-05	0.0043355	-0.057524
5mo_SIGAD9	0.13351111	0.79501915	6.71E-05	0.023546	-0.46255
5mo_SIGAD9	0.10648069	0.6319151	6.58E-05	0.02556	-0.22263
5mo_SIGAD9	0.08431207	0.4981476	6.37E-05	0.018667	0.1176
5mo_SIGAD9	0.10752443	0.6382131	6.59E-05	0.025604	-0.23052
5mo_SIGAD9	0.01974026	0.1085154	3.40E-05	0.0046667	0.0032259
5mo_SIGAD9	0.05133314	0.29914978	5.81E-05	0.006215	0.053285
5mo_SIGAD9	0.08005329	0.47244978	6.32E-05	0.016594	0.13446
5mo_SIGAD9	0.02562451	0.14402153	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.01819193	0.09917267	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.04941534	0.28757757	5.73E-05	0.0058857	0.04392
5mo_SIGAD9	0.04433994	0.25695214	5.42E-05	0.0050757	0.012967
5mo_SIGAD9	0.08604471	0.50860256	6.39E-05	0.01943	0.099025
5mo_SIGAD9	0.07513407	0.44276673	6.25E-05	0.014299	0.13345
5mo_SIGAD9	0.0046891	0.01769533	3.18E-05	0.0087056	0.65503
5mo_SIGAD9	0.0107104	0.05402841	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.0112805	0.05746844	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.03955116	0.22805619	4.98E-05	0.0045122	-0.034672
5mo_SIGAD9	0.0167862	0.09069034	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.03644166	0.20929319	4.70E-05	0.0042982	-0.062998
5mo_SIGAD9	0.02025669	0.1116316	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.01672653	0.0903303	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.02658729	0.14983104	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.05824387	0.34084973	6.01E-05	0.0080116	0.073002
5mo_SIGAD9	0.11712962	0.6961717	6.64E-05	0.024986	-0.34377
5mo_SIGAD9	0.03862112	0.22244424	4.92E-05	0.0044639	-0.040459
5mo_SIGAD9	0.09411285	0.55728644	6.48E-05	0.022877	-0.0077738
5mo_SIGAD9	0.03260975	0.18617108	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.11510393	0.6839485	6.63E-05	0.025182	-0.32268
5mo_SIGAD9	0.13945527	0.8308868	6.73E-05	0.023544	-0.49075
5mo_SIGAD9	0.01292058	0.06736481	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.09796369	0.5805227	6.52E-05	0.024123	-0.074831
5mo_SIGAD9	0.02621324	0.14757395	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.02422221	0.13555993	3.64E-05	0.0042065	-0.080664

5mo_SIGAD9	0.04781983	0.27795014	5.64E-05	0.0055867	0.035328
5mo_SIGAD9	0.01096911	0.05558947	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.02814954	0.15925777	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.02757169	0.15577099	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.01364191	0.07171741	3.24E-05	0.0057681	0.20898
5mo_SIGAD9	0.02411684	0.13492408	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.11450014	0.6803052	6.63E-05	0.025299	-0.3171
5mo_SIGAD9	0.02456235	0.13761234	3.64E-05	0.0042065	-0.080664
5mo_SIGAD9	0.01825022	0.09952439	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.08771925	0.51870686	6.41E-05	0.020177	0.080939
5mo_SIGAD9	0.03504092	0.200841	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.04691687	0.27250156	5.57E-05	0.0054037	0.032113
5mo_SIGAD9	0.01509257	0.08047083	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.0168265	0.09093349	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.07360481	0.43353903	6.23E-05	0.013805	0.12913
5mo_SIGAD9	0.01736856	0.09420433	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.05403671	0.31546336	5.91E-05	0.0068337	0.062513
5mo_SIGAD9	0.02636513	0.14849047	3.76E-05	0.0041286	-0.099939
5mo_SIGAD9	0.02610634	0.14692892	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.02809678	0.15893944	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.044414	0.257399	5.42E-05	0.0050757	0.012967
5mo_SIGAD9	0.10816596	0.6420842	6.59E-05	0.025614	-0.24573
5mo_SIGAD9	0.03205114	0.1828004	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.10151492	0.6019512	6.54E-05	0.024923	-0.14299
5mo_SIGAD9	0.08793722	0.5200221	6.41E-05	0.020177	0.080939
5mo_SIGAD9	0.00430816	0.0153967	3.18E-05	0.0087056	0.65503
5mo_SIGAD9	0.0563613	0.32949013	5.98E-05	0.0075425	0.068678
5mo_SIGAD9	0.13045712	0.77659106	6.70E-05	0.02364	-0.44263
5mo_SIGAD9	0.01636268	0.0881348	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.06369993	0.3737721	6.10E-05	0.0098069	0.089169
5mo_SIGAD9	0.06060094	0.35507253	6.05E-05	0.008688	0.080421
5mo_SIGAD9	0.02113173	0.11691168	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.09882899	0.5857441	6.52E-05	0.024275	-0.094455
5mo_SIGAD9	0.07445164	0.43864888	6.24E-05	0.014051	0.13218
5mo_SIGAD9	0.10089217	0.59819347	6.54E-05	0.024809	-0.12375
5mo_SIGAD9	0.0863428	0.5104012	6.40E-05	0.019681	0.099025
5mo_SIGAD9	0.01655121	0.08927238	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.02110685	0.1167615	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.08717335	0.5154128	6.41E-05	0.01993	0.087329
5mo_SIGAD9	0.11182962	0.664191	6.61E-05	0.025489	-0.28705
5mo_SIGAD9	0.02088549	0.11542581	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.01840042	0.10043069	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.14248325	0.84915787	6.74E-05	0.023593	-0.50412

5mo_SIGAD9	0.01641045	0.08842302	3.30E-05	0.0051875	0.10435
5mo_SIGAD9	0.02214723	0.12303927	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.03491727	0.20009488	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.01802364	0.09815715	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.01877581	0.10269581	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.0289027	0.16380243	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.01413683	0.07470378	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.08156174	0.48155186	6.34E-05	0.017373	0.13148
5mo_SIGAD9	0.03517312	0.20163873	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.01423911	0.07532093	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.02395264	0.13393326	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.03305489	0.18885714	4.32E-05	0.0041142	-0.091175
5mo_SIGAD9	0.02677566	0.15096766	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.09613806	0.5695067	6.50E-05	0.023448	-0.045608
5mo_SIGAD9	0.00530092	0.02138707	3.18E-05	0.0084677	0.62647
5mo_SIGAD9	0.01929892	0.10585231	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.09522575	0.56400174	6.49E-05	0.023263	-0.026471
5mo_SIGAD9	0.01772597	0.096361	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.08748066	0.51726717	6.41E-05	0.020177	0.087329
5mo_SIGAD9	0.0186581	0.10198554	3.36E-05	0.0048202	0.03364
5mo_SIGAD9	0.04327799	0.25054422	5.33E-05	0.0049301	0.0036923
5mo_SIGAD9	0.12379426	0.7363868	6.67E-05	0.024153	-0.39752
5mo_SIGAD9	0.02461004	0.13790008	3.64E-05	0.0042065	-0.080664
5mo_SIGAD9	0.02211632	0.12285277	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.08673814	0.51278675	6.40E-05	0.019681	0.093363
5mo_SIGAD9	0.01375171	0.07237992	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.03517083	0.2016249	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.07813904	0.460899	6.29E-05	0.015819	0.13662
5mo_SIGAD9	0.10080104	0.59764355	6.54E-05	0.024809	-0.12375
5mo_SIGAD9	0.08667391	0.51239914	6.40E-05	0.019681	0.093363
5mo_SIGAD9	0.03053632	0.17365986	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.0118623	0.06097909	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.12891012	0.7672564	6.69E-05	0.023723	-0.43195
5mo_SIGAD9	0.05904232	0.3456677	6.02E-05	0.0081753	0.075889
5mo_SIGAD9	0.09024407	0.53394186	6.44E-05	0.021369	0.05218
5mo_SIGAD9	0.02158397	0.11964053	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.00334381	0.0095777	3.18E-05	0.0092049	0.71249
5mo_SIGAD9	0.08693361	0.5139662	6.41E-05	0.01993	0.093363
5mo_SIGAD9	0.1413563	0.84235775	6.74E-05	0.023575	-0.49999
5mo_SIGAD9	0.02679896	0.15110824	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.01631872	0.08786954	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.04340341	0.25130102	5.33E-05	0.0049301	0.0036923
5mo_SIGAD9	0.028672	0.16241035	3.97E-05	0.0040686	-0.10664

5mo_SIGAD9	0.01793772	0.09763874	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.0099494	0.04943643	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.01566548	0.08392781	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.03037668	0.17269656	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.14604332	0.8706396	6.75E-05	0.02365	-0.51443
5mo_SIGAD9	0.02272234	0.12650956	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.03655163	0.20995674	4.70E-05	0.0042982	-0.062998
5mo_SIGAD9	0.08155057	0.48148447	6.34E-05	0.017373	0.13148
5mo_SIGAD9	0.08928231	0.5281385	6.43E-05	0.020902	0.067165
5mo_SIGAD9	0.02968044	0.16849539	4.02E-05	0.0040662	-0.10597
5mo_SIGAD9	0.03503151	0.20078424	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.08665653	0.5122943	6.40E-05	0.019681	0.093363
5mo_SIGAD9	0.03124289	0.17792335	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.10459512	0.6205374	6.57E-05	0.025429	-0.18901
5mo_SIGAD9	0.01545204	0.08263987	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.0134426	0.07051473	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.08326242	0.49181396	6.36E-05	0.018151	0.12117
5mo_SIGAD9	0.02923907	0.16583213	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.08732391	0.51632136	6.41E-05	0.01993	0.087329
5mo_SIGAD9	0.11529208	0.6850838	6.63E-05	0.025182	-0.32814
5mo_SIGAD9	0.01381161	0.0727414	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.05475509	0.3197981	5.94E-05	0.0071062	0.064127
5mo_SIGAD9	0.0141963	0.07506266	3.25E-05	0.0056405	0.18676
5mo_SIGAD9	0.02770691	0.1565869	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.02067742	0.11417031	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.04798413	0.27894154	5.64E-05	0.0055867	0.038361
5mo_SIGAD9	0.01981849	0.10898747	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.03264338	0.18637404	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.09216698	0.54554486	6.46E-05	0.022042	0.019141
5mo_SIGAD9	0.08666812	0.5123642	6.40E-05	0.019681	0.093363
5mo_SIGAD9	0.04968074	0.289179	5.73E-05	0.0058857	0.046466
5mo_SIGAD9	0.11053926	0.65640485	6.60E-05	0.02558	-0.27396
5mo_SIGAD9	0.06239021	0.36586913	6.07E-05	0.0092324	0.085432
5mo_SIGAD9	0.02429603	0.13600533	3.64E-05	0.0042065	-0.080664
5mo_SIGAD9	0.14993209	0.89410484	6.76E-05	0.023695	-0.52228
5mo_SIGAD9	0.11555156	0.68664956	6.63E-05	0.025182	-0.32814
5mo_SIGAD9	0.01816783	0.09902723	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.01819531	0.09919303	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.07973815	0.47054815	6.32E-05	0.016594	0.13545
5mo_SIGAD9	0.06391727	0.37508357	6.10E-05	0.0098069	0.091185
5mo_SIGAD9	0.02766381	0.15632686	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.02505193	0.1405665	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.01871357	0.10232028	3.38E-05	0.004741	0.03364

5mo_SIGAD9	0.0313702	0.17869152	4.16E-05	0.0040771	-0.10071
5mo_SIGAD9	0.01114983	0.05667996	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.02752808	0.15550785	3.84E-05	0.0040947	-0.10472
5mo_SIGAD9	0.02171395	0.12042486	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.08532692	0.50427127	6.39E-05	0.019177	0.10916
5mo_SIGAD9	0.02908067	0.1648763	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.02384329	0.1332735	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.01765271	0.09591893	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.02718688	0.153449	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.02589556	0.14565705	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.09158677	0.5420438	6.45E-05	0.021822	0.027741
5mo_SIGAD9	0.01961903	0.10778389	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.08518962	0.5034428	6.39E-05	0.019177	0.10916
5mo_SIGAD9	0.05723062	0.3347357	5.99E-05	0.0076952	0.070131
5mo_SIGAD9	0.11218689	0.66634685	6.61E-05	0.025489	-0.29336
5mo_SIGAD9	0.11244314	0.66789305	6.62E-05	0.025448	-0.29336
5mo_SIGAD9	0.0879503	0.520101	6.42E-05	0.020421	0.080939
5mo_SIGAD9	0.0108288	0.05474284	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.01395856	0.07362808	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.04843809	0.28168076	5.67E-05	0.0056831	0.041222
5mo_SIGAD9	0.01701478	0.09206961	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.03039166	0.17278697	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.01635101	0.08806434	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.01280571	0.06667171	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.02311259	0.12886433	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.06467062	0.37962934	6.11E-05	0.010206	0.093303
5mo_SIGAD9	0.08414542	0.49714205	6.37E-05	0.018667	0.1176
5mo_SIGAD9	0.03134704	0.17855178	4.16E-05	0.0040771	-0.10071
5mo_SIGAD9	0.08665715	0.51229805	6.40E-05	0.019681	0.093363
5mo_SIGAD9	0.01802512	0.09816612	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.02867075	0.1624028	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.01543943	0.08256377	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.02547263	0.14310509	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.09214883	0.5454353	6.46E-05	0.022042	0.019141
5mo_SIGAD9	0.08782819	0.5193642	6.41E-05	0.020177	0.080939
5mo_SIGAD9	0.09556169	0.56602883	6.49E-05	0.023263	-0.035993
5mo_SIGAD9	0.10561041	0.62666374	6.57E-05	0.025482	-0.20623
5mo_SIGAD9	0.03093044	0.176038	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.02118275	0.11721952	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.01006921	0.05015941	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.0284474	0.16105509	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.00762258	0.03539624	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.02448217	0.13712853	3.64E-05	0.0042065	-0.080664

5mo_SIGAD9	0.01163776	0.05962417	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.01917948	0.10513158	3.38E-05	0.004741	0.017998
5mo_SIGAD9	0.01664573	0.08984274	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.11025066	0.65466344	6.60E-05	0.02558	-0.26716
5mo_SIGAD9	0.03300377	0.18854864	4.32E-05	0.0041142	-0.091175
5mo_SIGAD9	0.06206498	0.36390665	6.07E-05	0.0092324	0.083692
5mo_SIGAD9	0.0495055	0.2881216	5.73E-05	0.0058857	0.04392
5mo_SIGAD9	0.02986616	0.16961603	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.04454025	0.2581608	5.42E-05	0.0050757	0.012967
5mo_SIGAD9	0.03196587	0.18228585	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.07141927	0.4203513	6.20E-05	0.012843	0.12136
5mo_SIGAD9	0.01415143	0.07479192	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.00958642	0.0472462	3.20E-05	0.0068348	0.4058
5mo_SIGAD9	0.01639721	0.08834316	3.30E-05	0.0051875	0.10435
5mo_SIGAD9	0.06782924	0.39868873	6.15E-05	0.011255	0.10734
5mo_SIGAD9	0.07468073	0.44003126	6.25E-05	0.014299	0.13218
5mo_SIGAD9	0.13387614	0.7972218	6.71E-05	0.023546	-0.46255
5mo_SIGAD9	0.03043498	0.17304835	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.02239641	0.12454288	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.02606391	0.14667287	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.05403737	0.31546736	5.91E-05	0.0068337	0.062513
5mo_SIGAD9	0.01770004	0.09620451	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.08121488	0.47945887	6.33E-05	0.017113	0.13148
5mo_SIGAD9	0.02744485	0.15500557	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.0543706	0.3174781	5.92E-05	0.0069681	0.062513
5mo_SIGAD9	0.04801385	0.27912086	5.64E-05	0.0055867	0.038361
5mo_SIGAD9	0.01302292	0.06798233	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.01948922	0.10700057	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.02036367	0.11227712	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.01105147	0.05608644	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.08298896	0.4901639	6.36E-05	0.018151	0.12434
5mo_SIGAD9	0.03998745	0.23068881	5.03E-05	0.0045634	-0.028892
5mo_SIGAD9	0.015173	0.08095611	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.09281296	0.54944277	6.46E-05	0.022258	0.010343
5mo_SIGAD9	0.08009494	0.4727011	6.32E-05	0.016594	0.13446
5mo_SIGAD9	0.03059732	0.17402788	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.09855748	0.58410573	6.52E-05	0.024275	-0.084641
5mo_SIGAD9	0.02002251	0.11021854	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.03829518	0.22047749	4.87E-05	0.0044183	-0.04622
5mo_SIGAD9	0.02595262	0.14600134	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.01341606	0.07035463	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.06527226	0.38325968	6.12E-05	0.01041	0.095509
5mo_SIGAD9	0.02078401	0.11481347	3.44E-05	0.0045325	-0.01065

5mo_SIGAD9	0.03105521	0.17679083	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.0066983	0.02981901	3.18E-05	0.0078	0.54183
5mo_SIGAD9	0.07378876	0.43464902	6.23E-05	0.013805	0.12913
5mo_SIGAD9	0.02898543	0.16430162	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.0885842	0.523926	6.42E-05	0.020663	0.074212
5mo_SIGAD9	0.03715401	0.21359158	4.76E-05	0.0043355	-0.057524
5mo_SIGAD9	0.03167894	0.1805545	4.22E-05	0.0040866	-0.10071
5mo_SIGAD9	0.01525199	0.08143275	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.01290903	0.06729516	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.02741589	0.15483087	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.02647378	0.1491461	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.09261841	0.5482688	6.46E-05	0.022258	0.019141
5mo_SIGAD9	0.02616165	0.14726266	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.12074129	0.7179648	6.66E-05	0.02449	-0.37215
5mo_SIGAD9	0.02099201	0.11606856	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.01000794	0.04978969	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.07100826	0.4178712	6.20E-05	0.012608	0.11916
5mo_SIGAD9	0.06212207	0.36425117	6.07E-05	0.0092324	0.083692
5mo_SIGAD9	0.12178204	0.72424483	6.66E-05	0.02435	-0.38089
5mo_SIGAD9	0.0193993	0.10645803	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.02894125	0.16403502	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.01526017	0.08148213	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.01507297	0.08035252	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.0168534	0.09109582	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.02728805	0.15405945	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.0222788	0.12383319	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.02268987	0.12631364	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.00856438	0.04107912	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.03136151	0.17863913	4.16E-05	0.0040771	-0.10071
5mo_SIGAD9	0.01099128	0.05572323	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.02603748	0.14651345	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.09222242	0.54587936	6.46E-05	0.022042	0.019141
5mo_SIGAD9	0.10495289	0.6226962	6.57E-05	0.025429	-0.19772
5mo_SIGAD9	0.090391	0.5348284	6.44E-05	0.021369	0.05218
5mo_SIGAD9	0.0173904	0.0943361	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.03141923	0.17898737	4.22E-05	0.0040866	-0.10071
5mo_SIGAD9	0.10247613	0.6077512	6.55E-05	0.025127	-0.15246
5mo_SIGAD9	0.09271315	0.54884046	6.46E-05	0.022258	0.010343
5mo_SIGAD9	0.04112133	0.23753074	5.14E-05	0.0046741	-0.017493
5mo_SIGAD9	0.02146423	0.11891797	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.05732516	0.33530614	5.99E-05	0.0076952	0.071569
5mo_SIGAD9	0.07840721	0.46251714	6.29E-05	0.015819	0.13651
5mo_SIGAD9	0.1035947	0.61450076	6.56E-05	0.025296	-0.17104

5mo_SIGAD9	0.09470107	0.56083584	6.49E-05	0.023073	-0.017059
5mo_SIGAD9	0.11443866	0.6799342	6.63E-05	0.025299	-0.3171
5mo_SIGAD9	0.0368163	0.21155381	4.70E-05	0.0042982	-0.062998
5mo_SIGAD9	0.02991131	0.16988847	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.0978464	0.579815	6.51E-05	0.023964	-0.074831
5mo_SIGAD9	0.01292375	0.06738398	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.03809486	0.21926875	4.87E-05	0.0044183	-0.04622
5mo_SIGAD9	0.01718338	0.09308694	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.10630439	0.63085127	6.58E-05	0.02556	-0.21453
5mo_SIGAD9	0.0541497	0.31614515	5.92E-05	0.0069681	0.062513
5mo_SIGAD9	0.01753333	0.09519859	3.33E-05	0.0049935	0.067421
5mo_SIGAD9	0.01178339	0.06050292	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.05147826	0.3000254	5.83E-05	0.0063316	0.053285
5mo_SIGAD9	0.01806909	0.09843141	3.34E-05	0.0049043	0.050123
5mo_SIGAD9	0.02834888	0.1604606	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.02839654	0.1607482	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.12331989	0.7335244	6.67E-05	0.024217	-0.39346
5mo_SIGAD9	0.03611569	0.20732628	4.65E-05	0.0042637	-0.068307
5mo_SIGAD9	0.01821218	0.09929482	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.01354483	0.07113162	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.01307145	0.06827519	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.01946549	0.1068574	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.00540627	0.02202278	3.18E-05	0.0082375	0.59807
5mo_SIGAD9	0.03004042	0.17066756	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.03090363	0.1758762	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.01759353	0.09556183	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.02412975	0.13500199	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.02014545	0.11096039	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.00858534	0.04120558	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.00894654	0.04338513	3.19E-05	0.0070136	0.43237
5mo_SIGAD9	0.01524023	0.08136181	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.083598	0.49383885	6.37E-05	0.01841	0.12117
5mo_SIGAD9	0.09775645	0.5792723	6.51E-05	0.023964	-0.074831
5mo_SIGAD9	0.02197981	0.12202903	3.49E-05	0.0044169	-0.046619
5mo_SIGAD9	0.03629391	0.20840165	4.65E-05	0.0042637	-0.062998
5mo_SIGAD9	0.01421621	0.07518276	3.25E-05	0.0056405	0.18676
5mo_SIGAD9	0.02642744	0.14886646	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.02968597	0.16852875	4.02E-05	0.0040662	-0.10597
5mo_SIGAD9	0.02366238	0.13218184	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.08663082	0.51213914	6.40E-05	0.019681	0.093363
5mo_SIGAD9	0.02240602	0.12460085	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.02687325	0.15155655	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.0796799	0.4701967	6.32E-05	0.016594	0.13545

5mo_SIGAD9	0.0614184	0.36000514	6.07E-05	0.0090475	0.082025
5mo_SIGAD9	0.03898408	0.2246344	4.92E-05	0.0044639	-0.040459
5mo_SIGAD9	0.0902245	0.5338238	6.44E-05	0.021369	0.05218
5mo_SIGAD9	0.09562562	0.56641465	6.49E-05	0.023263	-0.035993
5mo_SIGAD9	0.00539015	0.02192554	3.18E-05	0.0082375	0.59807
5mo_SIGAD9	0.05295264	0.30892196	5.87E-05	0.0065755	0.059084
5mo_SIGAD9	0.03989192	0.23011239	5.03E-05	0.0045634	-0.028892
5mo_SIGAD9	0.11578556	0.68806154	6.63E-05	0.025119	-0.32814
5mo_SIGAD9	0.04430353	0.2567324	5.42E-05	0.0050757	0.012967
5mo_SIGAD9	0.01596695	0.08574693	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.01766296	0.09598078	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.0596447	0.3493025	6.03E-05	0.0083426	0.077363
5mo_SIGAD9	0.01387876	0.07314655	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.07630076	0.44980666	6.26E-05	0.0148	0.1354
5mo_SIGAD9	0.01731138	0.09385931	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.03638094	0.20892678	4.65E-05	0.0042637	-0.062998
5mo_SIGAD9	0.0038301	0.01251203	3.18E-05	0.0089513	0.68371
5mo_SIGAD9	0.08651728	0.51145405	6.40E-05	0.019681	0.099025
5mo_SIGAD9	0.02259857	0.12576269	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.01602145	0.08607574	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02985003	0.1695187	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.01561775	0.08363982	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.0175953	0.09557252	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.01831539	0.09991761	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.02619718	0.14747705	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.02058282	0.11359948	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.02834164	0.16041692	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.05444572	0.31793132	5.92E-05	0.0069681	0.062513
5mo_SIGAD9	0.03405588	0.19489717	4.43E-05	0.004153	-0.087207
5mo_SIGAD9	0.03230909	0.18435691	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.04717784	0.2740763	5.61E-05	0.0054936	0.032113
5mo_SIGAD9	0.07063861	0.41564074	6.19E-05	0.012376	0.11916
5mo_SIGAD9	0.02703003	0.15250255	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.01619111	0.08709949	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02358464	0.13171276	3.58E-05	0.0042778	-0.073623
5mo_SIGAD9	0.02707439	0.15277022	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.08691372	0.5138462	6.41E-05	0.01993	0.093363
5mo_SIGAD9	0.01919202	0.10520726	3.38E-05	0.004741	0.017998
5mo_SIGAD9	0.01287655	0.06709915	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.08947793	0.52931887	6.43E-05	0.020902	0.059815
5mo_SIGAD9	0.05761537	0.33705732	6.00E-05	0.0078516	0.071569
5mo_SIGAD9	0.03574576	0.20509408	4.59E-05	0.0042319	-0.068307
5mo_SIGAD9	0.12464186	0.7415013	6.68E-05	0.024034	-0.40152

5mo_SIGAD9	0.01321312	0.06913003	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.02373972	0.13264851	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.03686542	0.2118502	4.70E-05	0.0042982	-0.057524
5mo_SIGAD9	0.01749641	0.09497578	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.02500126	0.14026076	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.01876527	0.10263219	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.01985189	0.10918899	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.1081785	0.6421598	6.59E-05	0.025614	-0.24573
5mo_SIGAD9	0.01355052	0.07116596	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.03293145	0.18811227	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.01621469	0.08724178	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02478313	0.13894457	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.01536229	0.08209835	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.01454229	0.07715039	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.0460654	0.26736373	5.54E-05	0.0053171	0.025099
5mo_SIGAD9	0.10517984	0.62406564	6.57E-05	0.025482	-0.19772
5mo_SIGAD9	0.01716259	0.09296153	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.01127585	0.05744039	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.06195708	0.3632556	6.07E-05	0.0092324	0.083692
5mo_SIGAD9	0.02323285	0.12959003	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.01168755	0.05992459	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.01892775	0.10361267	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.03072545	0.17480108	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.11129471	0.66096336	6.61E-05	0.025525	-0.28058
5mo_SIGAD9	0.01827482	0.09967282	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.04131843	0.23872009	5.14E-05	0.0046741	-0.011944
5mo_SIGAD9	0.01768105	0.09608993	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.01538967	0.08226354	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.03180274	0.1813015	4.22E-05	0.0040866	-0.10071
5mo_SIGAD9	0.01225084	0.06332357	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.01513031	0.08069854	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.02941934	0.16691986	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.01482131	0.07883402	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.03479819	0.19937634	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.02415694	0.13516605	3.61E-05	0.0042401	-0.080664
5mo_SIGAD9	0.00590649	0.02504117	3.18E-05	0.0082375	0.56984
5mo_SIGAD9	0.03495186	0.20030363	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.12974179	0.7722747	6.70E-05	0.023664	-0.43912
5mo_SIGAD9	0.0111593	0.05673707	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.12778904	0.7604916	6.69E-05	0.023794	-0.4246
5mo_SIGAD9	0.09317368	0.55161935	6.47E-05	0.022469	0.010343
5mo_SIGAD9	0.01357225	0.07129708	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.01253614	0.06504505	3.23E-05	0.0060411	0.25518

5mo_SIGAD9	0.0858434	0.50738776	6.39E-05	0.01943	0.1043
5mo_SIGAD9	0.09263826	0.5483886	6.46E-05	0.022258	0.010343
5mo_SIGAD9	0.03005658	0.17076504	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.02281005	0.1270388	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.01128068	0.05746952	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.003201	0.00871596	3.18E-05	0.0092049	0.71249
5mo_SIGAD9	0.08940741	0.52889335	6.43E-05	0.020902	0.059815
5mo_SIGAD9	0.02290741	0.12762631	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.01440218	0.07630494	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.0091193	0.04442758	3.19E-05	0.0070136	0.43237
5mo_SIGAD9	0.01239749	0.06420843	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.00614468	0.02647844	3.18E-05	0.008015	0.56984
5mo_SIGAD9	0.10168447	0.60297424	6.54E-05	0.024923	-0.14299
5mo_SIGAD9	0.02133727	0.11815194	3.47E-05	0.0044724	-0.023601
5mo_SIGAD9	0.13356774	0.7953608	6.71E-05	0.023546	-0.46255
5mo_SIGAD9	0.00952826	0.04689525	3.20E-05	0.0068348	0.4058
5mo_SIGAD9	0.01814735	0.09890362	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.02216376	0.12313901	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.01658628	0.089484	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.03958575	0.22826491	4.98E-05	0.0045122	-0.034672
5mo_SIGAD9	0.02778652	0.15706731	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.00738024	0.03393391	3.19E-05	0.0075925	0.51404
5mo_SIGAD9	0.09404736	0.55689126	6.48E-05	0.022877	-0.0077738
5mo_SIGAD9	0.07059784	0.41539466	6.19E-05	0.012376	0.11916
5mo_SIGAD9	0.03457008	0.19799994	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.01226979	0.0634379	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.02843544	0.16098292	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.02398839	0.13414901	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.09929223	0.5885393	6.53E-05	0.02442	-0.10426
5mo_SIGAD9	0.03207473	0.18294275	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.02085891	0.11526542	3.44E-05	0.0045325	-0.023601
5mo_SIGAD9	0.01062699	0.05352508	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.02009852	0.1106772	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.07116853	0.4188383	6.20E-05	0.012608	0.12136
5mo_SIGAD9	0.01419068	0.07502872	3.25E-05	0.0056405	0.18676
5mo_SIGAD9	0.07870268	0.46430007	6.30E-05	0.016077	0.13651
5mo_SIGAD9	0.08374579	0.49473062	6.37E-05	0.01841	0.12117
5mo_SIGAD9	0.02359268	0.1317613	3.58E-05	0.0042778	-0.073623
5mo_SIGAD9	0.09951384	0.58987653	6.53E-05	0.02442	-0.10426
5mo_SIGAD9	0.07203536	0.4240688	6.21E-05	0.01308	0.12348
5mo_SIGAD9	0.09647474	0.5715383	6.50E-05	0.023626	-0.045608
5mo_SIGAD9	0.14130054	0.8420213	6.74E-05	0.023575	-0.49999
5mo_SIGAD9	0.13305834	0.79228705	6.71E-05	0.023556	-0.45937

5mo_SIGAD9	0.05729014	0.33509484	5.99E-05	0.0076952	0.071569
5mo_SIGAD9	0.03452318	0.19771692	4.48E-05	0.0041765	-0.082901
5mo_SIGAD9	0.05433494	0.31726286	5.92E-05	0.0069681	0.062513
5mo_SIGAD9	0.02891933	0.16390277	3.97E-05	0.0040686	-0.10664
5mo_SIGAD9	0.01195461	0.06153605	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.01522985	0.08129919	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.0968623	0.57387686	6.51E-05	0.023799	-0.055297
5mo_SIGAD9	0.0216834	0.12024047	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.02148471	0.11904158	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.02946636	0.1672036	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.09311958	0.55129296	6.47E-05	0.022469	0.010343
5mo_SIGAD9	0.00763966	0.0354993	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.03916552	0.22572921	4.92E-05	0.0044639	-0.034672
5mo_SIGAD9	0.04914733	0.28596035	5.73E-05	0.0058857	0.04392
5mo_SIGAD9	0.01975388	0.10859755	3.40E-05	0.0046667	0.0032259
5mo_SIGAD9	0.01696409	0.09176374	3.31E-05	0.0050879	0.085504
5mo_SIGAD9	0.10432022	0.6188786	6.56E-05	0.025367	-0.18901
5mo_SIGAD9	0.02031896	0.11200734	3.42E-05	0.0045972	-0.01065
5mo_SIGAD9	0.01729976	0.09378921	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.0722489	0.42535734	6.21E-05	0.01308	0.12548
5mo_SIGAD9	0.04616999	0.26799482	5.54E-05	0.0053171	0.025099
5mo_SIGAD9	0.0224325	0.12476063	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.01346869	0.07067214	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.0280464	0.15863542	3.88E-05	0.0040827	-0.10603
5mo_SIGAD9	0.01604692	0.08622944	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.04672372	0.27133608	5.57E-05	0.0054037	0.028707
5mo_SIGAD9	0.01954273	0.10732348	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.01383966	0.07291061	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.01224946	0.06331521	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.06796917	0.3995331	6.15E-05	0.011255	0.10734
5mo_SIGAD9	0.04742256	0.27555296	5.61E-05	0.0054936	0.035328
5mo_SIGAD9	0.05025284	0.29263112	5.76E-05	0.005992	0.048868
5mo_SIGAD9	0.04235777	0.24499157	5.24E-05	0.0047963	-0.00654
5mo_SIGAD9	0.08793736	0.5200229	6.41E-05	0.020177	0.080939
5mo_SIGAD9	0.01875398	0.1025641	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.02053364	0.11330274	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.01832318	0.09996464	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.01129598	0.05756183	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.04381293	0.25377214	5.38E-05	0.0050014	0.008455
5mo_SIGAD9	0.04571749	0.26526442	5.50E-05	0.0052335	0.025099
5mo_SIGAD9	0.03559016	0.20415518	4.59E-05	0.0042319	-0.073417
5mo_SIGAD9	0.04255414	0.2461765	5.29E-05	0.0048617	-0.0013165
5mo_SIGAD9	0.01698252	0.09187493	3.31E-05	0.0050879	0.085504

5mo_SIGAD9	0.00953695	0.04694771	3.20E-05	0.0068348	0.4058
5mo_SIGAD9	0.09339029	0.5529264	6.47E-05	0.022469	0.0013661
5mo_SIGAD9	0.02950215	0.16741955	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.01435041	0.07599255	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.02357201	0.13163655	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.00796491	0.03746188	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.02940964	0.16686134	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.0114151	0.0582806	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.03518684	0.20172147	4.54E-05	0.0042028	-0.073417
5mo_SIGAD9	0.02000628	0.11012058	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.0641895	0.37672624	6.10E-05	0.010005	0.091185
5mo_SIGAD9	0.06546126	0.3844001	6.12E-05	0.01041	0.095509
5mo_SIGAD9	0.10970292	0.6513583	6.60E-05	0.025599	-0.2602
5mo_SIGAD9	0.02220326	0.12337738	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.028432	0.16096215	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.01958163	0.10755823	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.04760547	0.27665663	5.64E-05	0.0055867	0.035328
5mo_SIGAD9	0.02333774	0.13022292	3.58E-05	0.0042778	-0.065623
5mo_SIGAD9	0.01618462	0.08706033	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.08704944	0.5146651	6.41E-05	0.01993	0.093363
5mo_SIGAD9	0.01559117	0.08347943	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.01268281	0.06593008	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.02716404	0.15331121	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.01637068	0.08818308	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.09261961	0.548276	6.46E-05	0.022258	0.019141
5mo_SIGAD9	0.03046656	0.1732389	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.0203241	0.11203833	3.42E-05	0.0045972	-0.01065
5mo_SIGAD9	0.02550674	0.14331086	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.0171949	0.09315647	3.33E-05	0.0049935	0.085504
5mo_SIGAD9	0.0575878	0.33689097	6.00E-05	0.0078516	0.071569
5mo_SIGAD9	0.05867498	0.3434511	6.02E-05	0.0081753	0.074438
5mo_SIGAD9	0.03232354	0.18444405	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.01249998	0.06482686	3.23E-05	0.0060411	0.2791
5mo_SIGAD9	0.00320965	0.0087682	3.18E-05	0.0092049	0.71249
5mo_SIGAD9	0.01677665	0.09063273	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.00818893	0.03881361	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.02358866	0.131737	3.58E-05	0.0042778	-0.073623
5mo_SIGAD9	0.02008262	0.11058126	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.11239445	0.66759926	6.62E-05	0.025448	-0.29336
5mo_SIGAD9	0.01521591	0.08121506	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.03263488	0.18632272	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.05410257	0.31586078	5.91E-05	0.0068337	0.062513
5mo_SIGAD9	0.12020692	0.7147404	6.66E-05	0.024561	-0.36766

5mo_SIGAD9	0.01428125	0.07557524	3.26E-05	0.0055188	0.18676
5mo_SIGAD9	0.0160547	0.08627639	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.07651747	0.4511143	6.27E-05	0.015053	0.1354
5mo_SIGAD9	0.06827398	0.40137234	6.16E-05	0.011474	0.10734
5mo_SIGAD9	0.02566723	0.14427929	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.07521854	0.44327646	6.26E-05	0.014549	0.13345
5mo_SIGAD9	0.09281264	0.54944086	6.46E-05	0.022258	0.010343
5mo_SIGAD9	0.01815278	0.09893642	3.36E-05	0.0048202	0.050123
5mo_SIGAD9	0.02785845	0.15750131	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.013805	0.07270151	3.25E-05	0.0056405	0.20898
5mo_SIGAD9	0.02140188	0.11854177	3.47E-05	0.0044724	-0.0356
5mo_SIGAD9	0.09824842	0.5822408	6.52E-05	0.024123	-0.084641
5mo_SIGAD9	0.01034284	0.05181048	3.20E-05	0.0066628	0.35381
5mo_SIGAD9	0.06767313	0.39774674	6.15E-05	0.011255	0.10492
5mo_SIGAD9	0.02023567	0.11150478	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.01693633	0.09159621	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.01185158	0.06091441	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.05301528	0.30929998	5.87E-05	0.0065755	0.059084
5mo_SIGAD9	0.01506966	0.08033258	3.27E-05	0.0054028	0.16515
5mo_SIGAD9	0.01773938	0.09644193	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.11618558	0.6904753	6.63E-05	0.025119	-0.33347
5mo_SIGAD9	0.01550351	0.08295045	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.03119941	0.17766096	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.05162719	0.3009241	5.83E-05	0.0063316	0.053285
5mo_SIGAD9	0.02302785	0.12835303	3.55E-05	0.0043197	-0.065623
5mo_SIGAD9	0.0098907	0.04908228	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.05338971	0.31155932	5.89E-05	0.0067028	0.059084
5mo_SIGAD9	0.08191256	0.48366874	6.35E-05	0.017633	0.12948
5mo_SIGAD9	0.10109109	0.5993937	6.54E-05	0.024809	-0.13341
5mo_SIGAD9	0.03118042	0.17754637	4.16E-05	0.0040771	-0.10299
5mo_SIGAD9	0.01936874	0.10627364	3.40E-05	0.0046667	0.017998
5mo_SIGAD9	0.00663654	0.02944638	3.18E-05	0.0078	0.54183
5mo_SIGAD9	0.02624087	0.14774069	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.01015117	0.05065398	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.030234	0.1718356	4.07E-05	0.0040668	-0.10475
5mo_SIGAD9	0.01157488	0.05924476	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.09384315	0.555659	6.48E-05	0.022676	-0.0077738
5mo_SIGAD9	0.02742146	0.15486446	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.03877317	0.22336176	4.92E-05	0.0044639	-0.040459
5mo_SIGAD9	0.12934773	0.7698969	6.70E-05	0.023692	-0.43556
5mo_SIGAD9	0.09498842	0.5625697	6.49E-05	0.023073	-0.026471
5mo_SIGAD9	0.03222847	0.18387042	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.02119775	0.11731003	3.47E-05	0.0044724	-0.023601

5mo_SIGAD9	0.03696488	0.21245037	4.76E-05	0.0043355	-0.057524
5mo_SIGAD9	0.01022916	0.05112453	3.20E-05	0.0066628	0.37961
5mo_SIGAD9	0.10788944	0.64041567	6.59E-05	0.025604	-0.23822
5mo_SIGAD9	0.05519511	0.32245326	5.94E-05	0.0071062	0.065685
5mo_SIGAD9	0.10843932	0.6437336	6.59E-05	0.025614	-0.24573
5mo_SIGAD9	0.02172547	0.12049431	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.01997204	0.10991398	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.01153369	0.0589962	3.22E-05	0.0061869	0.30353
5mo_SIGAD9	0.08855257	0.52373517	6.42E-05	0.020663	0.074212
5mo_SIGAD9	0.02523224	0.14165454	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.11021335	0.6544383	6.60E-05	0.02558	-0.26716
5mo_SIGAD9	0.02787947	0.15762818	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.03505019	0.20089695	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.020539	0.11333509	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.01886394	0.10322763	3.38E-05	0.004741	0.03364
5mo_SIGAD9	0.06801347	0.39980042	6.16E-05	0.011474	0.10734
5mo_SIGAD9	0.03929263	0.22649622	4.98E-05	0.0045122	-0.034672
5mo_SIGAD9	0.03495952	0.20034982	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.03145646	0.17921205	4.22E-05	0.0040866	-0.10071
5mo_SIGAD9	0.01689228	0.0913304	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.1336743	0.7960038	6.71E-05	0.023546	-0.46255
5mo_SIGAD9	0.03039819	0.17282635	4.11E-05	0.0040705	-0.10475
5mo_SIGAD9	0.05403334	0.31544304	5.91E-05	0.0068337	0.062513
5mo_SIGAD9	0.00386695	0.0127344	3.18E-05	0.0089513	0.68371
5mo_SIGAD9	0.01419387	0.07504795	3.25E-05	0.0056405	0.18676
5mo_SIGAD9	0.02991626	0.1699183	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.02653035	0.1494874	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.02262415	0.12591705	3.55E-05	0.0043197	-0.056631
5mo_SIGAD9	0.01586704	0.08514406	3.28E-05	0.0052924	0.12392
5mo_SIGAD9	0.0862973	0.5101267	6.40E-05	0.019681	0.099025
5mo_SIGAD9	0.10524202	0.62444085	6.57E-05	0.025482	-0.19772
5mo_SIGAD9	0.08299885	0.49022353	6.36E-05	0.018151	0.12434
5mo_SIGAD9	0.03789856	0.21808425	4.81E-05	0.0043756	-0.05192
5mo_SIGAD9	0.01661592	0.08966286	3.31E-05	0.0050879	0.10435
5mo_SIGAD9	0.01577783	0.08460574	3.28E-05	0.0052924	0.1442
5mo_SIGAD9	0.02581481	0.14516978	3.72E-05	0.0041509	-0.096385
5mo_SIGAD9	0.03515696	0.20154122	4.54E-05	0.0042028	-0.078293
5mo_SIGAD9	0.02245135	0.12487435	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.04007334	0.23120709	5.03E-05	0.0045634	-0.028892
5mo_SIGAD9	0.0242024	0.13544038	3.61E-05	0.0042401	-0.080664
5mo_SIGAD9	0.02609625	0.14686804	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.00807729	0.03813995	3.19E-05	0.0073923	0.48652
5mo_SIGAD9	0.020306	0.11192915	3.42E-05	0.0045972	-0.01065

5mo_SIGAD9	0.09863247	0.5845582	6.52E-05	0.024275	-0.084641
5mo_SIGAD9	0.03221737	0.18380341	4.27E-05	0.004099	-0.097962
5mo_SIGAD9	0.0216405	0.11998162	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.02576242	0.14485367	3.72E-05	0.0041509	-0.092011
5mo_SIGAD9	0.06404754	0.3758696	6.10E-05	0.0098069	0.091185
5mo_SIGAD9	0.05184194	0.3022199	5.83E-05	0.0063316	0.055318
5mo_SIGAD9	0.02623552	0.1477084	3.76E-05	0.0041286	-0.096385
5mo_SIGAD9	0.06553002	0.384815	6.12E-05	0.01041	0.095509
5mo_SIGAD9	0.11822666	0.70279133	6.65E-05	0.024847	-0.35363
5mo_SIGAD9	0.09966379	0.59078133	6.53E-05	0.024558	-0.10426
5mo_SIGAD9	0.01751635	0.09509614	3.33E-05	0.0049935	0.067421
5mo_SIGAD9	0.02025572	0.11162571	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.02656375	0.14968896	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.01474531	0.07837543	3.26E-05	0.0055188	0.16515
5mo_SIGAD9	0.00815914	0.03863384	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.09825163	0.5822602	6.52E-05	0.024123	-0.084641
5mo_SIGAD9	0.02700718	0.15236464	3.84E-05	0.0040947	-0.10271
5mo_SIGAD9	0.02158886	0.11967002	3.49E-05	0.0044169	-0.0356
5mo_SIGAD9	0.04832694	0.2810101	5.67E-05	0.0056831	0.038361
5mo_SIGAD9	0.09130619	0.54035074	6.45E-05	0.021822	0.036126
5mo_SIGAD9	0.09066001	0.5364517	6.44E-05	0.021369	0.044278
5mo_SIGAD9	0.01093578	0.05538839	3.21E-05	0.006339	0.32844
5mo_SIGAD9	0.00859842	0.04128452	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.12427521	0.73928887	6.67E-05	0.024092	-0.40152
5mo_SIGAD9	0.07561652	0.4456779	6.26E-05	0.014549	0.13453
5mo_SIGAD9	0.03000709	0.17046638	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.01600471	0.08597478	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.06653141	0.39085752	6.13E-05	0.010826	0.10013
5mo_SIGAD9	0.02498101	0.14013861	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.06335712	0.37170354	6.09E-05	0.0096122	0.089169
5mo_SIGAD9	0.03005583	0.17076053	4.07E-05	0.0040668	-0.10597
5mo_SIGAD9	0.02231247	0.12403638	3.52E-05	0.0043661	-0.046619
5mo_SIGAD9	0.02250746	0.12521292	3.52E-05	0.0043661	-0.056631
5mo_SIGAD9	0.0205822	0.11359575	3.44E-05	0.0045325	-0.01065
5mo_SIGAD9	0.0283887	0.16070089	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.02512328	0.14099705	3.68E-05	0.0041768	-0.086782
5mo_SIGAD9	0.01358736	0.07138825	3.24E-05	0.0057681	0.23179
5mo_SIGAD9	0.03872963	0.22309905	4.92E-05	0.0044639	-0.040459
5mo_SIGAD9	0.03282007	0.18744016	4.32E-05	0.0041142	-0.094772
5mo_SIGAD9	0.02785244	0.15746507	3.88E-05	0.0040827	-0.10472
5mo_SIGAD9	0.01786943	0.09722664	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.12088275	0.7188184	6.66E-05	0.02449	-0.37656
5mo_SIGAD9	0.10114754	0.59973437	6.54E-05	0.024809	-0.13341

5mo_SIGAD9	0.04706517	0.27339646	5.61E-05	0.0054936	0.032113
5mo_SIGAD9	0.13848184	0.825013	6.73E-05	0.023538	-0.48824
5mo_SIGAD9	0.0536865	0.3133501	5.91E-05	0.0068337	0.060836
5mo_SIGAD9	0.0161972	0.08713627	3.30E-05	0.0051875	0.12392
5mo_SIGAD9	0.02141111	0.11859749	3.47E-05	0.0044724	-0.0356
5mo_SIGAD9	0.02683435	0.15132178	3.80E-05	0.0041099	-0.099939
5mo_SIGAD9	0.02399232	0.13417271	3.61E-05	0.0042401	-0.073623
5mo_SIGAD9	0.00936897	0.04593409	3.20E-05	0.0068348	0.4058
5mo_SIGAD9	0.0294536	0.1671266	4.02E-05	0.0040662	-0.10661
5mo_SIGAD9	0.01773103	0.0963915	3.34E-05	0.0049043	0.067421
5mo_SIGAD9	0.01256773	0.0652357	3.23E-05	0.0059016	0.25518
5mo_SIGAD9	0.00832756	0.03965011	3.19E-05	0.0071994	0.45929
5mo_SIGAD9	0.04159412	0.24038363	5.19E-05	0.0047337	-0.011944
5mo_SIGAD9	0.02001613	0.11018006	3.42E-05	0.0045972	0.0032259
5mo_SIGAD9	0.1020706	0.6053042	6.55E-05	0.025029	-0.15246
5mo_SIGAD9	0.13779177	0.820849	6.73E-05	0.02353	-0.48301
5mo_SIGAD9	0.06085686	0.35661677	6.06E-05	0.008866	0.080421
5mo_SIGAD9	0.01057627	0.05321905	3.21E-05	0.0064976	0.35381
5mo_SIGAD9	0.02852801	0.16154148	3.93E-05	0.004074	-0.10603
5mo_SIGAD9	0.11624244	0.69081837	6.64E-05	0.025054	-0.33347
7dr2_7dold_9	0.00800021	0.03767484	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.03005401	0.17074952	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.03652062	0.20976962	4.70E-05	0.0042982	-0.062998
7dr2_7dold_9	0.01825905	0.09957767	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01097777	0.0556417	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.01262396	0.06557497	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01562611	0.08369026	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.0297562	0.16895254	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.02521245	0.14153513	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.01890384	0.10346833	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.02773055	0.15672955	3.88E-05	0.0040827	-0.10472
7dr2_7dold_9	0.0213957	0.1185045	3.47E-05	0.0044724	-0.0356
7dr2_7dold_9	0.00998462	0.04964897	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.0200148	0.11017201	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01020011	0.05094925	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.02889398	0.16374981	3.97E-05	0.0040686	-0.10664
7dr2_7dold_9	0.04151833	0.23992628	5.19E-05	0.0047337	-0.011944
7dr2_7dold_9	0.02621676	0.14759524	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01636798	0.08816675	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01334409	0.06992031	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.03920294	0.22595504	4.98E-05	0.0045122	-0.034672
7dr2_7dold_9	0.01895862	0.10379895	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.054865	0.32046133	5.94E-05	0.0071062	0.064127

7dr2_7dold_9	0.0427682	0.2474681	5.29E-05	0.0048617	-0.0013165
7dr2_7dold_9	0.12449229	0.74059874	6.67E-05	0.024092	-0.40152
7dr2_7dold_9	0.01407001	0.0743006	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.02672925	0.15068763	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.01957406	0.10751255	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01673476	0.09037995	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02672052	0.15063497	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.02599525	0.14625861	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01856935	0.10145001	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01388473	0.07318262	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.01058645	0.05328049	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.02706663	0.15272339	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.02959036	0.16795184	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.08755255	0.51770097	6.41E-05	0.020177	0.087329
7dr2_7dold_9	0.03883436	0.223731	4.92E-05	0.0044639	-0.040459
7dr2_7dold_9	0.00632026	0.0275379	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.02297808	0.12805271	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.1237777	0.7362869	6.67E-05	0.024153	-0.39752
7dr2_7dold_9	0.01020074	0.05095303	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.0601819	0.352544	6.04E-05	0.0085136	0.07887
7dr2_7dold_9	0.02234967	0.12426084	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.01696857	0.09179075	3.31E-05	0.0050879	0.085504
7dr2_7dold_9	0.01882784	0.10300977	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.02419369	0.13538782	3.61E-05	0.0042401	-0.080664
7dr2_7dold_9	0.02308531	0.12869976	3.55E-05	0.0043197	-0.065623
7dr2_7dold_9	0.02951072	0.16747126	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.0161364	0.08676937	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.03340203	0.19095181	4.37E-05	0.0041322	-0.091175
7dr2_7dold_9	0.02504582	0.14052965	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.04321089	0.25013936	5.33E-05	0.0049301	0.0036923
7dr2_7dold_9	0.02149423	0.11909899	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01489436	0.07927479	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.01623141	0.08734268	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.00637564	0.02787205	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.01495319	0.07962976	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.01789652	0.09739011	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.01282439	0.06678438	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.02832577	0.16032115	3.93E-05	0.004074	-0.10603
7dr2_7dold_9	0.03188784	0.18181501	4.22E-05	0.0040866	-0.097962
7dr2_7dold_9	0.01955326	0.10738703	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.05676007	0.33189636	5.98E-05	0.0075425	0.070131
7dr2_7dold_9	0.03118547	0.17757683	4.16E-05	0.0040771	-0.10299
7dr2_7dold_9	0.02292253	0.12771752	3.55E-05	0.0043197	-0.056631

7dr2_7dold_9	0.04875372	0.28358528	5.70E-05	0.0057827	0.041222
7dr2_7dold_9	0.02074303	0.11456622	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.0156175	0.08363827	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.04596564	0.26676175	5.54E-05	0.0053171	0.025099
7dr2_7dold_9	0.00497952	0.01944775	3.18E-05	0.0084677	0.62647
7dr2_7dold_9	0.02620397	0.147518	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01790142	0.09741964	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.024598	0.13782744	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.00757419	0.0351042	3.19E-05	0.0075925	0.48652
7dr2_7dold_9	0.01979018	0.10881661	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01872717	0.10240234	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01532078	0.08184783	3.27E-05	0.0054028	0.1442
7dr2_7dold_9	0.01290207	0.06725314	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01748751	0.09492212	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.02699521	0.15229242	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.05306095	0.30957553	5.89E-05	0.0067028	0.059084
7dr2_7dold_9	0.08631624	0.5102409	6.40E-05	0.019681	0.099025
7dr2_7dold_9	0.0217882	0.12087284	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.0159338	0.08554687	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.0162419	0.087406	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.00599878	0.02559802	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.02190177	0.12155815	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01953151	0.1072558	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.02255864	0.12552176	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.07295789	0.42963547	6.22E-05	0.01332	0.12737
7dr2_7dold_9	0.01988121	0.10936588	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.02106598	0.11651491	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.02011236	0.11076068	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.02854444	0.16164063	3.93E-05	0.004074	-0.10603
7dr2_7dold_9	0.09817529	0.5817995	6.52E-05	0.024123	-0.084641
7dr2_7dold_9	0.1232287	0.7329741	6.67E-05	0.024217	-0.39346
7dr2_7dold_9	0.01616379	0.08693463	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01317657	0.06890947	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02465791	0.13818896	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.01256886	0.06524251	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.06079211	0.35622603	6.06E-05	0.008866	0.080421
7dr2_7dold_9	0.04459968	0.2585194	5.42E-05	0.0050757	0.017239
7dr2_7dold_9	0.0896786	0.53052974	6.44E-05	0.021137	0.059815
7dr2_7dold_9	0.01665782	0.08991566	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02309807	0.12877676	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.03137098	0.17869626	4.16E-05	0.0040771	-0.10071
7dr2_7dold_9	0.02500259	0.1402688	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.02142542	0.11868384	3.47E-05	0.0044724	-0.0356

7dr2_7dold_9	0.02249294	0.1251253	3.52E-05	0.0043661	-0.056631
7dr2_7dold_9	0.05563257	0.3250929	5.95E-05	0.007248	0.067199
7dr2_7dold_9	0.05418127	0.31633562	5.92E-05	0.0069681	0.062513
7dr2_7dold_9	0.01607475	0.08639737	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01774041	0.09644812	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02164282	0.11999565	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01952189	0.10719776	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.00556657	0.02299005	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.06462376	0.37934658	6.10E-05	0.010005	0.093303
7dr2_7dold_9	0.0158997	0.0853411	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.03494418	0.20025727	4.54E-05	0.0042028	-0.078293
7dr2_7dold_9	0.01958265	0.10756437	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.02172524	0.12049294	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.10495532	0.6227109	6.57E-05	0.025429	-0.19772
7dr2_7dold_9	0.01253608	0.06504474	3.23E-05	0.0060411	0.25518
7dr2_7dold_9	0.02766873	0.15635651	3.88E-05	0.0040827	-0.10472
7dr2_7dold_9	0.03695601	0.21239683	4.76E-05	0.0043355	-0.057524
7dr2_7dold_9	0.01672725	0.09033465	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.00739231	0.03400676	3.19E-05	0.0075925	0.51404
7dr2_7dold_9	0.05261753	0.30689988	5.87E-05	0.0065755	0.057248
7dr2_7dold_9	0.0417234	0.24116373	5.19E-05	0.0047337	-0.011944
7dr2_7dold_9	0.01082764	0.05473581	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.01514289	0.08077444	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.02317176	0.12922138	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.00582871	0.02457181	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.01804024	0.09825731	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02095857	0.11586682	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.05019598	0.29228804	5.76E-05	0.005992	0.048868
7dr2_7dold_9	0.04276789	0.24746624	5.29E-05	0.0048617	-0.0013165
7dr2_7dold_9	0.0395615	0.2281186	4.98E-05	0.0045122	-0.034672
7dr2_7dold_9	0.08611561	0.50903034	6.39E-05	0.01943	0.099025
7dr2_7dold_9	0.038614	0.22240129	4.87E-05	0.0044183	-0.040459
7dr2_7dold_9	0.0262459	0.14777105	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01599741	0.08593071	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.02990356	0.16984166	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.02731908	0.1542467	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.03006305	0.1708041	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.03348049	0.19142522	4.37E-05	0.0041322	-0.091175
7dr2_7dold_9	0.02687664	0.15157697	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.02751546	0.15543167	3.84E-05	0.0040947	-0.10472
7dr2_7dold_9	0.03997079	0.23058827	5.03E-05	0.0045634	-0.028892
7dr2_7dold_9	0.02318829	0.12932111	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.05123625	0.29856512	5.81E-05	0.006215	0.053285

7dr2_7dold_9	0.0199138	0.10956255	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01643438	0.08856744	3.30E-05	0.0051875	0.10435
7dr2_7dold_9	0.08791027	0.51985943	6.41E-05	0.020177	0.080939
7dr2_7dold_9	0.019049	0.10434429	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.08445203	0.49899217	6.37E-05	0.018667	0.1136
7dr2_7dold_9	0.05663978	0.33117053	5.98E-05	0.0075425	0.068678
7dr2_7dold_9	0.05062974	0.29490536	5.78E-05	0.0061018	0.048868
7dr2_7dold_9	0.02693144	0.15190767	3.80E-05	0.0041099	-0.10271
7dr2_7dold_9	0.01629402	0.08772047	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.03760942	0.21633957	4.81E-05	0.0043756	-0.05192
7dr2_7dold_9	0.01857014	0.1014548	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.022676	0.12622991	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02627117	0.14792351	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.00653557	0.02883707	3.18E-05	0.0078	0.54183
7dr2_7dold_9	0.02760408	0.15596646	3.88E-05	0.0040827	-0.10472
7dr2_7dold_9	0.01188056	0.06108926	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.01275957	0.06639329	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01078672	0.05448894	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.01552687	0.08309142	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.0078157	0.03656149	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.01993051	0.10966336	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01627362	0.08759738	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01946611	0.10686114	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01058621	0.053279	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.0309464	0.17613432	4.16E-05	0.0040771	-0.10299
7dr2_7dold_9	0.01520974	0.08117784	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.0133819	0.07014845	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02014229	0.11094128	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01306259	0.06822173	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.00907123	0.04413747	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.01499211	0.07986462	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.02187264	0.12138236	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.0248431	0.1393064	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.01742296	0.09453259	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.00365391	0.01144887	3.18E-05	0.0092049	0.71249
7dr2_7dold_9	0.01310693	0.06848927	3.23E-05	0.0059016	0.23179
7dr2_7dold_9	0.02922795	0.165765	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.01860712	0.10167795	3.36E-05	0.0048202	0.03364
7dr2_7dold_9	0.01555758	0.08327676	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01580875	0.08479232	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.0138174	0.07277632	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.00887531	0.04295529	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.01573644	0.08435601	3.28E-05	0.0052924	0.1442

7dr2_7dold_9	0.01364772	0.07175247	3.24E-05	0.0057681	0.20898
7dr2_7dold_9	0.02978877	0.16914907	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.02235638	0.12430131	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.02304651	0.12846561	3.55E-05	0.0043197	-0.065623
7dr2_7dold_9	0.00763469	0.0354693	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.0219026	0.12156314	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01680103	0.09077983	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.00910559	0.04434482	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.00786302	0.03684704	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.02139893	0.11852396	3.47E-05	0.0044724	-0.0356
7dr2_7dold_9	0.03157841	0.17994788	4.22E-05	0.0040866	-0.10071
7dr2_7dold_9	0.01103832	0.05600709	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.02110247	0.11673509	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.01261717	0.06553402	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01223873	0.06325048	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.00956538	0.04711923	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.01843535	0.10064145	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01413664	0.07470267	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.05254394	0.30645585	5.87E-05	0.0065755	0.057248
7dr2_7dold_9	0.01486424	0.07909306	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.02452536	0.13738915	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.01449836	0.07688528	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.03422238	0.19590186	4.48E-05	0.0041765	-0.082901
7dr2_7dold_9	0.02868941	0.16251542	3.97E-05	0.0040686	-0.10664
7dr2_7dold_9	0.02619956	0.14749143	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01204085	0.06205648	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01503167	0.08010335	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.01004662	0.0500231	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.01630366	0.08777867	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01806445	0.0984034	3.34E-05	0.0049043	0.050123
7dr2_7dold_9	0.02185834	0.12129609	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01641814	0.08846944	3.30E-05	0.0051875	0.10435
7dr2_7dold_9	0.01423322	0.07528541	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.0142345	0.07529314	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02650179	0.14931509	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.02355391	0.13152729	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.01247981	0.06470519	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01376581	0.07246504	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.0206273	0.11386786	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.02029316	0.11185163	3.42E-05	0.0045972	-0.01065
7dr2_7dold_9	0.01520095	0.08112478	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.02813607	0.15917651	3.93E-05	0.004074	-0.10603
7dr2_7dold_9	0.02119888	0.11731688	3.47E-05	0.0044724	-0.023601

7dr2_7dold_9	0.00508041	0.02005651	3.18E-05	0.0084677	0.62647
7dr2_7dold_9	0.01961321	0.1077488	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01924907	0.1055515	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01380212	0.07268412	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.01974145	0.10852256	3.40E-05	0.0046667	0.0032259
7dr2_7dold_9	0.01900876	0.10410147	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.0171018	0.09259472	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.02226228	0.12373353	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.013881	0.07316008	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.01543746	0.0825519	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01436567	0.07608464	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.0225487	0.1254618	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.01353064	0.071046	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01852313	0.10117111	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02600213	0.1463001	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01686452	0.09116294	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.01089155	0.05512146	3.21E-05	0.0064976	0.32844
7dr2_7dold_9	0.08508854	0.50283295	6.38E-05	0.018923	0.10916
7dr2_7dold_9	0.01233129	0.06380899	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01779709	0.09679013	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.01329183	0.06960496	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02555963	0.14362998	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.02623239	0.14768954	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01980498	0.10890594	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01758282	0.09549722	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.0216814	0.12022842	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01846153	0.10079943	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01093962	0.05541155	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.0247241	0.13858838	3.64E-05	0.0042065	-0.086782
7dr2_7dold_9	0.02543056	0.14285123	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.01080106	0.05457543	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.01004936	0.05003961	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.01952543	0.10721909	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.00967764	0.04779664	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.01790267	0.09742719	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.0208582	0.11526113	3.44E-05	0.0045325	-0.023601
7dr2_7dold_9	0.0121376	0.06264027	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.00869926	0.04189299	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.01678512	0.09068381	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.13454756	0.80127317	6.72E-05	0.023533	-0.46567
7dr2_7dold_9	0.00924563	0.04518986	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.01133597	0.05780312	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.0132247	0.0691999	3.24E-05	0.0057681	0.23179

7dr2_7dold_9	0.01270668	0.06607412	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01252582	0.06498281	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.02383418	0.13321851	3.61E-05	0.0042401	-0.073623
7dr2_7dold_9	0.02427284	0.13586542	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.02018073	0.11117324	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.00983218	0.04872914	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.0079045	0.03709731	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.01224306	0.06327663	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.0156475	0.0838193	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01814337	0.09887964	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02656554	0.1496998	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.019604	0.10769319	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.02578828	0.14500971	3.72E-05	0.0041509	-0.096385
7dr2_7dold_9	0.01477106	0.07853077	3.26E-05	0.0055188	0.16515
7dr2_7dold_9	0.02078828	0.11483927	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.01574468	0.08440571	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01746103	0.09476232	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.0083407	0.03972939	3.19E-05	0.0071994	0.45929
7dr2_7dold_9	0.01931743	0.10596399	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.02455077	0.13754247	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.02010596	0.11072209	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01149926	0.05878845	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.01629878	0.0877492	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01885418	0.10316871	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01998479	0.10999093	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.0411163	0.23750038	5.14E-05	0.0046741	-0.017493
7dr2_7dold_9	0.01307087	0.06827167	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.00415524	0.01447396	3.18E-05	0.0089513	0.68371
7dr2_7dold_9	0.01281686	0.06673897	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01628315	0.08765487	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01334603	0.06993201	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02724767	0.15381582	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.01308457	0.06835437	3.23E-05	0.0059016	0.23179
7dr2_7dold_9	0.01236398	0.06400628	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.02090784	0.1155607	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.01465251	0.07781545	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02041695	0.11259864	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.02422359	0.13556826	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.01929919	0.10585398	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.0198613	0.10924578	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.0290447	0.16465923	3.97E-05	0.0040686	-0.10664
7dr2_7dold_9	0.02640618	0.14873815	3.76E-05	0.0041286	-0.099939
7dr2_7dold_9	0.01106423	0.05616345	3.21E-05	0.006339	0.32844

7dr2_7dold_§	0.01725198	0.09350091	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.00550398	0.02261235	3.18E-05	0.0082375	0.59807
7dr2_7dold_§	0.02633934	0.14833488	3.76E-05	0.0041286	-0.096385
7dr2_7dold_§	0.02857159	0.16180445	3.93E-05	0.004074	-0.10664
7dr2_7dold_§	0.02651041	0.14936712	3.80E-05	0.0041099	-0.099939
7dr2_7dold_§	0.02254905	0.1254639	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01727107	0.0936161	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.01386839	0.07308399	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01023183	0.05114068	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.01164524	0.05966929	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01440704	0.07633424	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01511052	0.08057915	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.0137788	0.07254343	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01957742	0.10753281	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.00760949	0.03531724	3.19E-05	0.0073923	0.48652
7dr2_7dold_§	0.01166126	0.05976596	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.0218501	0.12124639	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.02503498	0.14046422	3.68E-05	0.0041768	-0.086782
7dr2_7dold_§	0.02426071	0.13579224	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.06224878	0.36501575	6.07E-05	0.0092324	0.085432
7dr2_7dold_§	0.01818106	0.09910703	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01825381	0.09954602	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.0292346	0.16580513	4.02E-05	0.0040662	-0.10661
7dr2_7dold_§	0.01079606	0.05454527	3.21E-05	0.0064976	0.35381
7dr2_7dold_§	0.01925336	0.1055774	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02107463	0.11656712	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.0168537	0.09109763	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.02309269	0.12874424	3.55E-05	0.0043197	-0.065623
7dr2_7dold_§	0.02065849	0.11405609	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.03119996	0.17766427	4.16E-05	0.0040771	-0.10299
7dr2_7dold_§	0.03877346	0.2233635	4.92E-05	0.0044639	-0.040459
7dr2_7dold_§	0.02641844	0.14881217	3.76E-05	0.0041286	-0.099939
7dr2_7dold_§	0.02186588	0.12134156	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.02549969	0.14326833	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.02545159	0.14297813	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.02135218	0.11824188	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.02349856	0.13119332	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.01860427	0.10166075	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.05305054	0.30951273	5.89E-05	0.0067028	0.059084
7dr2_7dold_§	0.02199322	0.12210996	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.01546806	0.08273657	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01889329	0.10340472	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.02060132	0.11371109	3.44E-05	0.0045325	-0.01065

7dr2_7dold_§	0.0309292	0.17603049	4.16E-05	0.0040771	-0.10299
7dr2_7dold_§	0.02621804	0.14760293	3.76E-05	0.0041286	-0.096385
7dr2_7dold_§	0.02379401	0.1329761	3.61E-05	0.0042401	-0.073623
7dr2_7dold_§	0.01996785	0.10988867	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01980976	0.10893476	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01380562	0.07270522	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01766482	0.09599198	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02815507	0.15929113	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.02500554	0.14028661	3.68E-05	0.0041768	-0.086782
7dr2_7dold_§	0.02275784	0.12672377	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01436212	0.07606319	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.02042687	0.11265849	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.01598658	0.08586538	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.02159624	0.11971455	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.02806874	0.15877023	3.88E-05	0.0040827	-0.10603
7dr2_7dold_§	0.01553171	0.08312059	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01772983	0.09638429	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01792581	0.09756686	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01942724	0.10662659	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02700417	0.15234652	3.84E-05	0.0040947	-0.10271
7dr2_7dold_§	0.00666967	0.02964626	3.18E-05	0.0078	0.54183
7dr2_7dold_§	0.02547036	0.14309135	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01992906	0.10965462	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01523349	0.08132114	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.00827249	0.03931783	3.19E-05	0.0071994	0.45929
7dr2_7dold_§	0.01947125	0.10689214	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02552253	0.14340617	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01889046	0.10338765	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01962819	0.10783915	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02321127	0.12945981	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.02344943	0.13089685	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.00686558	0.03082843	3.18E-05	0.0078	0.54183
7dr2_7dold_§	0.02354012	0.13144413	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.02017561	0.11114235	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.12506172	0.74403477	6.68E-05	0.024034	-0.40548
7dr2_7dold_§	0.00919362	0.04487602	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.01244848	0.06451611	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.02358069	0.13168894	3.58E-05	0.0042778	-0.073623
7dr2_7dold_§	0.00836421	0.03987126	3.19E-05	0.0071994	0.45929
7dr2_7dold_§	0.01469532	0.07807378	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.02860886	0.16202936	3.93E-05	0.004074	-0.10664
7dr2_7dold_§	0.02915141	0.16530316	3.97E-05	0.0040686	-0.10661
7dr2_7dold_§	0.02170985	0.12040009	3.49E-05	0.0044169	-0.0356

7dr2_7dold_§	0.02419472	0.13539402	3.61E-05	0.0042401	-0.080664
7dr2_7dold_§	0.00615353	0.02653181	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.01570265	0.08415208	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.0150153	0.08000457	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.00814304	0.03853672	3.19E-05	0.0071994	0.45929
7dr2_7dold_§	0.00999697	0.04972352	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.01962648	0.10782883	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.01541356	0.08240767	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01377006	0.07249064	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.02292721	0.12774576	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01830568	0.09985901	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.02260491	0.12580097	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01467349	0.07794207	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01459427	0.07746401	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.0221491	0.12305053	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.02855814	0.16172329	3.93E-05	0.004074	-0.10664
7dr2_7dold_§	0.01764401	0.09586642	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01451677	0.07699639	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.00639294	0.02797643	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.00746079	0.03441995	3.19E-05	0.0075925	0.51404
7dr2_7dold_§	0.02266206	0.12614584	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.02716549	0.15331993	3.84E-05	0.0040947	-0.10271
7dr2_7dold_§	0.01428646	0.07560667	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.02135578	0.1182636	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.01131878	0.05769942	3.21E-05	0.006339	0.32844
7dr2_7dold_§	0.01435286	0.07600734	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01912105	0.10477902	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.02403113	0.13440694	3.61E-05	0.0042401	-0.073623
7dr2_7dold_§	0.02727763	0.15399657	3.84E-05	0.0040947	-0.10271
7dr2_7dold_§	0.03293864	0.18815564	4.32E-05	0.0041142	-0.094772
7dr2_7dold_§	0.02229994	0.12396072	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.02114879	0.11701461	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.01799107	0.09796061	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02998753	0.17034838	4.07E-05	0.0040668	-0.10597
7dr2_7dold_§	0.02085907	0.11526641	3.44E-05	0.0045325	-0.023601
7dr2_7dold_§	0.01286101	0.06700537	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.0143655	0.07608361	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01423602	0.0753023	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01500901	0.07996663	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01005153	0.05005271	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.02804293	0.15861447	3.88E-05	0.0040827	-0.10603
7dr2_7dold_§	0.01007557	0.05019778	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.02687877	0.15158987	3.80E-05	0.0041099	-0.099939

7dr2_7dold_§	0.01722009	0.09330844	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02124027	0.11756662	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.13348168	0.7948416	6.71E-05	0.023546	-0.45937
7dr2_7dold_§	0.02561234	0.14394806	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.02085166	0.11522168	3.44E-05	0.0045325	-0.023601
7dr2_7dold_§	0.00378383	0.01223284	3.18E-05	0.0089513	0.68371
7dr2_7dold_§	0.01883736	0.10306722	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01235666	0.06396207	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.00586852	0.02481205	3.18E-05	0.0082375	0.59807
7dr2_7dold_§	0.00571365	0.02387757	3.18E-05	0.0082375	0.59807
7dr2_7dold_§	0.014755	0.07843389	3.26E-05	0.0055188	0.16515
7dr2_7dold_§	0.02673918	0.15074752	3.80E-05	0.0041099	-0.099939
7dr2_7dold_§	0.01834134	0.1000742	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01264496	0.06570171	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01193471	0.06141598	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01939937	0.10645841	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.00640439	0.02804557	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.02060399	0.11372721	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.01166757	0.05980403	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.00785932	0.0368247	3.19E-05	0.0073923	0.48652
7dr2_7dold_§	0.02618219	0.1473866	3.76E-05	0.0041286	-0.096385
7dr2_7dold_§	0.02143262	0.11872729	3.47E-05	0.0044724	-0.0356
7dr2_7dold_§	0.01419944	0.07508156	3.25E-05	0.0056405	0.18676
7dr2_7dold_§	0.01970331	0.10829245	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.01963996	0.10791018	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02833797	0.16039482	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.01484875	0.0789996	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01741858	0.0945062	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.01612875	0.08672319	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.01526163	0.08149096	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01370774	0.07211462	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01520543	0.08115182	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.02063477	0.11391297	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.01689647	0.09135571	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.01742934	0.09457109	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.0071769	0.03270692	3.19E-05	0.0075925	0.51404
7dr2_7dold_§	0.02216914	0.12317147	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.01091497	0.05526279	3.21E-05	0.006339	0.32844
7dr2_7dold_§	0.01464312	0.07775879	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.02047438	0.11294517	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.02124367	0.11758712	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.02750792	0.15538616	3.84E-05	0.0040947	-0.10472
7dr2_7dold_§	0.01698864	0.09191187	3.31E-05	0.0050879	0.085504

7dr2_7dold_9	0.0232862	0.12991193	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.02154849	0.11942642	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01943903	0.10669774	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.0323525	0.18461883	4.27E-05	0.004099	-0.097962
7dr2_7dold_9	0.01291034	0.06730301	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01073887	0.05420018	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.08724626	0.5158528	6.41E-05	0.01993	0.087329
7dr2_7dold_9	0.03112052	0.17718492	4.16E-05	0.0040771	-0.10299
7dr2_7dold_9	0.00566786	0.02360127	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.01873481	0.1024484	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01688269	0.09127254	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02258457	0.12567824	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.01181361	0.0606853	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.00577263	0.02423341	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.01371104	0.07213454	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.01842792	0.10059661	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01660225	0.08958035	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.0223775	0.12442873	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.01755855	0.09535078	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02012407	0.11083136	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01555487	0.08326039	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01771976	0.09632354	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02952714	0.16757032	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.02847283	0.16120853	3.93E-05	0.004074	-0.10603
7dr2_7dold_9	0.02086534	0.11530425	3.44E-05	0.0045325	-0.023601
7dr2_7dold_9	0.01571779	0.08424344	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01635355	0.08807969	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.00635994	0.02777735	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.01778158	0.09669656	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.01877856	0.10271239	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01106448	0.05616497	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.01793435	0.09761836	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02833635	0.16038501	3.93E-05	0.004074	-0.10603
7dr2_7dold_9	0.01853511	0.10124341	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02763241	0.15613739	3.88E-05	0.0040827	-0.10472
7dr2_7dold_9	0.00231081	0.0033445	3.17E-05	0.0097357	0.77022
7dr2_7dold_9	0.01540495	0.08235574	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01345562	0.07059331	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01828142	0.09971263	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02263125	0.12595989	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02518746	0.14138433	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.01397581	0.07373219	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.00950632	0.04676286	3.20E-05	0.0068348	0.4058

7dr2_7dold_9	0.02106298	0.11649681	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.01120504	0.05701309	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.00925195	0.04522798	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.02276828	0.12678677	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02253002	0.12534906	3.52E-05	0.0043661	-0.056631
7dr2_7dold_9	0.01501609	0.08000931	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.01134554	0.05786086	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.0117452	0.06027247	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.00728058	0.03333253	3.19E-05	0.0075925	0.51404
7dr2_7dold_9	0.01874596	0.10251573	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01264433	0.06569792	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01580064	0.08474335	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01957284	0.10750516	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.03801714	0.21879977	4.81E-05	0.0043756	-0.04622
7dr2_7dold_9	0.01538999	0.08226546	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01732434	0.09393753	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.0095599	0.04708618	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.02728987	0.15407047	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.0295113	0.16747475	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.01809556	0.09859116	3.34E-05	0.0049043	0.050123
7dr2_7dold_9	0.01802997	0.09819534	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02338067	0.13048199	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.00872336	0.04203842	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.01001805	0.04985071	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.01890139	0.10345356	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.02718359	0.15342915	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.02432827	0.13619989	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.01672915	0.09034609	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02357888	0.131678	3.58E-05	0.0042778	-0.073623
7dr2_7dold_9	0.01802909	0.09819003	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02189431	0.12151314	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.02570149	0.144486	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.01347591	0.07071574	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02576293	0.14485672	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.01449105	0.07684121	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02514426	0.14112368	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.02734763	0.15441898	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.02180409	0.12096875	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01164089	0.05964305	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.01176355	0.06038319	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.0143368	0.07591044	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.022719	0.1264894	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02190791	0.12159519	3.49E-05	0.0044169	-0.0356

7dr2_7dold_§	0.01641263	0.08843615	3.30E-05	0.0051875	0.10435
7dr2_7dold_§	0.02289464	0.12754925	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.02019235	0.11124335	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.02592239	0.14581895	3.76E-05	0.0041286	-0.096385
7dr2_7dold_§	0.0107794	0.05444476	3.21E-05	0.0064976	0.35381
7dr2_7dold_§	0.00993263	0.04933527	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.01290594	0.0672765	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01101469	0.05586454	3.21E-05	0.006339	0.32844
7dr2_7dold_§	0.02337235	0.13043177	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.02127066	0.11774997	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.02146852	0.11894389	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.02029111	0.1118393	3.42E-05	0.0045972	-0.01065
7dr2_7dold_§	0.01263902	0.06566588	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01879281	0.1027984	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01909753	0.10463709	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01618044	0.0870351	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.02158595	0.11965244	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.01070187	0.05397692	3.21E-05	0.0064976	0.35381
7dr2_7dold_§	0.01788054	0.09729366	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02006015	0.11044562	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.0120978	0.06240007	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.0204748	0.11294769	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.00949982	0.04672365	3.20E-05	0.0068348	0.4058
7dr2_7dold_§	0.02007641	0.11054374	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.07729036	0.45577797	6.28E-05	0.015307	0.13646
7dr2_7dold_§	0.01015027	0.05064855	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.03063855	0.17427668	4.11E-05	0.0040705	-0.10475
7dr2_7dold_§	0.02999133	0.17037131	4.07E-05	0.0040668	-0.10597
7dr2_7dold_§	0.02052826	0.1132703	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.01481734	0.07881003	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01077417	0.05441318	3.21E-05	0.0064976	0.35381
7dr2_7dold_§	0.01245525	0.06455696	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.01154444	0.05906104	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01629765	0.0877424	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.01887298	0.10328216	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01354391	0.07112604	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.0073947	0.03402114	3.19E-05	0.0075925	0.51404
7dr2_7dold_§	0.09039611	0.53485924	6.44E-05	0.021369	0.05218
7dr2_7dold_§	0.0149827	0.07980786	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.02825717	0.15990722	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.01317707	0.06891251	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.03136214	0.1786429	4.16E-05	0.0040771	-0.10071
7dr2_7dold_§	0.01196089	0.06157397	3.22E-05	0.0061869	0.30353

7dr2_7dold_§	0.01535985	0.08208363	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.02030071	0.11189719	3.42E-05	0.0045972	-0.01065
7dr2_7dold_§	0.01568686	0.08405681	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.02007426	0.11053077	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.03355024	0.19184613	4.37E-05	0.0041322	-0.087207
7dr2_7dold_§	0.02560012	0.14387438	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01646442	0.08874867	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.03211527	0.18318738	4.27E-05	0.004099	-0.097962
7dr2_7dold_§	0.0972628	0.57629347	6.51E-05	0.023799	-0.065044
7dr2_7dold_§	0.00382201	0.0124632	3.18E-05	0.0089513	0.68371
7dr2_7dold_§	0.03046507	0.17322989	4.11E-05	0.0040705	-0.10475
7dr2_7dold_§	0.00485599	0.01870237	3.18E-05	0.0084677	0.62647
7dr2_7dold_§	0.02473569	0.13865831	3.64E-05	0.0042065	-0.086782
7dr2_7dold_§	0.01219507	0.06298705	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.06441383	0.37807986	6.10E-05	0.010005	0.091185
7dr2_7dold_§	0.02346139	0.13096906	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.01457492	0.07734727	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01549634	0.08290722	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.02097531	0.1159678	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.0293414	0.16644956	4.02E-05	0.0040662	-0.10661
7dr2_7dold_§	0.01235981	0.06398107	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.03053308	0.17364025	4.11E-05	0.0040705	-0.10475
7dr2_7dold_§	0.01939505	0.10643236	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02135697	0.11827076	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.01558826	0.08346186	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01271358	0.06611574	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01623787	0.08738165	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.01748767	0.09492308	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02475119	0.1387518	3.64E-05	0.0042065	-0.086782
7dr2_7dold_§	0.02311215	0.12886173	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.018655	0.10196684	3.36E-05	0.0048202	0.03364
7dr2_7dold_§	0.02282542	0.12713154	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.02104983	0.11641746	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.01709144	0.09253217	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.0174263	0.09455275	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.01629415	0.08772127	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.01287878	0.06711258	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.11043314	0.6557645	6.60E-05	0.02558	-0.27396
7dr2_7dold_§	0.02267683	0.12623492	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01783561	0.09702257	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01532251	0.08185831	3.27E-05	0.0054028	0.1442
7dr2_7dold_§	0.02413119	0.13501072	3.61E-05	0.0042401	-0.080664
7dr2_7dold_§	0.01580119	0.08474669	3.28E-05	0.0052924	0.1442

7dr2_7dold_9	0.02864005	0.16221753	3.97E-05	0.0040686	-0.10664
7dr2_7dold_9	0.01739813	0.09438278	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.020054	0.11040853	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.01923573	0.10547103	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01898009	0.10392845	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.03818796	0.21983054	4.87E-05	0.0044183	-0.04622
7dr2_7dold_9	0.02650339	0.14932477	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.01250671	0.06486751	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01350445	0.07088795	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01533882	0.0819567	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01319774	0.06903725	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01069356	0.05392676	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.01803712	0.0982385	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02044603	0.11277406	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.03078793	0.17517808	4.11E-05	0.0040705	-0.10299
7dr2_7dold_9	0.01339502	0.07022763	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.14727017	0.8780426	6.76E-05	0.023673	-0.51713
7dr2_7dold_9	0.0118979	0.06119391	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.02399452	0.13418601	3.61E-05	0.0042401	-0.073623
7dr2_7dold_9	0.0181149	0.09870783	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01609677	0.08653022	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.02277018	0.1267982	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02143371	0.11873382	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.02254356	0.1254308	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02265053	0.12607624	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.01153552	0.05900727	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.02231374	0.124044	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.02401242	0.13429403	3.61E-05	0.0042401	-0.073623
7dr2_7dold_9	0.01767997	0.09608341	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.01832245	0.09996019	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.0072091	0.03290121	3.19E-05	0.0075925	0.51404
7dr2_7dold_9	0.0175866	0.09552	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02647041	0.14912573	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.02545257	0.14298403	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.02034641	0.11217298	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.00724472	0.03311617	3.19E-05	0.0075925	0.51404
7dr2_7dold_9	0.02275455	0.12670389	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.00932344	0.04565934	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.02214254	0.12301099	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.01346774	0.07066642	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01836958	0.10024457	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02299097	0.12813051	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.03483452	0.19959554	4.54E-05	0.0042028	-0.078293

7dr2_7dold_9	0.0133154	0.06974723	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.00621081	0.02687743	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.01148975	0.05873108	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.01431514	0.07577971	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02271438	0.12646155	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.01895818	0.10379625	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01425966	0.07544496	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.01595065	0.08564856	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01728103	0.0936762	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.01853491	0.10124224	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02159008	0.11967737	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01262893	0.06560497	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.02489307	0.13960794	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.01690112	0.09138376	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02075078	0.11461298	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.01316009	0.06881005	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01776098	0.09657223	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02231263	0.12403733	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.02604424	0.14655423	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01300793	0.06789189	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01508475	0.08042362	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.01123471	0.05719214	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.02008642	0.11060415	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.0221705	0.1231797	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.01838456	0.10033499	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.01956323	0.10744719	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01567891	0.08400886	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01228109	0.0635061	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01370042	0.07207044	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.0155025	0.08294437	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.02344402	0.13086425	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.0173336	0.09399338	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.01218495	0.06292597	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01431121	0.075756	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.0280449	0.15862636	3.88E-05	0.0040827	-0.10603
7dr2_7dold_9	0.01583864	0.08497266	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.04093121	0.23638359	5.14E-05	0.0046741	-0.017493
7dr2_7dold_9	0.02082301	0.1150488	3.44E-05	0.0045325	-0.023601
7dr2_7dold_9	0.01250793	0.06487484	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01598224	0.08583918	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01641332	0.08844034	3.30E-05	0.0051875	0.10435
7dr2_7dold_9	0.01443643	0.07651161	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.0221538	0.12307894	3.52E-05	0.0043661	-0.046619

7dr2_7dold_9	0.00573661	0.02401609	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.01559988	0.08353195	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01914522	0.10492489	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.00860415	0.04131906	3.19E-05	0.0071994	0.45929
7dr2_7dold_9	0.07363812	0.43374002	6.23E-05	0.013805	0.12913
7dr2_7dold_9	0.01361151	0.07153399	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01343203	0.07045099	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.00430794	0.01539538	3.18E-05	0.0087056	0.65503
7dr2_7dold_9	0.01766546	0.0959959	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.0270048	0.15235032	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.00564514	0.02346416	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.00492748	0.01913375	3.18E-05	0.0084677	0.62647
7dr2_7dold_9	0.04648813	0.2699145	5.57E-05	0.0054037	0.028707
7dr2_7dold_9	0.00646115	0.02838804	3.18E-05	0.008015	0.54183
7dr2_7dold_9	0.00912731	0.04447587	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.01616235	0.08692598	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01183875	0.06083698	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.01839797	0.10041588	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02963625	0.16822873	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.0166786	0.09004104	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.00878306	0.04239868	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.00764216	0.03551433	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.02345162	0.13091007	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.01400095	0.07388385	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.02670047	0.15051392	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.01451765	0.0770017	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02540966	0.14272508	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.01921287	0.10533311	3.38E-05	0.004741	0.017998
7dr2_7dold_9	0.01012475	0.05049455	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.01945356	0.10678543	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01991085	0.10954474	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.02112562	0.11687479	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.03001667	0.17052422	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.02997029	0.17024437	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.01459611	0.07747513	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02395569	0.13395168	3.61E-05	0.0042401	-0.073623
7dr2_7dold_9	0.01635218	0.08807143	3.30E-05	0.0051875	0.12392
7dr2_7dold_9	0.01794143	0.09766109	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02655016	0.14960697	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.02290442	0.12760821	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.01665182	0.0898795	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02687671	0.15157741	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.01354194	0.07111418	3.24E-05	0.0057681	0.23179

7dr2_7dold_§	0.02198983	0.12208954	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.02440145	0.13664149	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.02469696	0.13842459	3.64E-05	0.0042065	-0.086782
7dr2_7dold_§	0.02755754	0.15568559	3.88E-05	0.0040827	-0.10472
7dr2_7dold_§	0.02555653	0.14361128	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.00594538	0.02527585	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.02312064	0.12891293	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.01772171	0.09633528	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.00623805	0.02704182	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.01782473	0.09695691	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01491387	0.07939249	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.0257716	0.14490905	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01331259	0.06973023	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.01536732	0.08212871	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01787201	0.09724222	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01344813	0.07054814	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.03405057	0.19486512	4.43E-05	0.004153	-0.087207
7dr2_7dold_§	0.0075441	0.03492267	3.19E-05	0.0075925	0.51404
7dr2_7dold_§	0.01556619	0.08332871	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.00304256	0.00775996	3.17E-05	0.0094663	0.74133
7dr2_7dold_§	0.01146794	0.05859944	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01188734	0.06113019	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.04585847	0.2661151	5.54E-05	0.0053171	0.025099
7dr2_7dold_§	0.01905912	0.10440531	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01954675	0.10734773	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.00877563	0.04235379	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.0191278	0.10481978	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.0230597	0.12854522	3.55E-05	0.0043197	-0.065623
7dr2_7dold_§	0.00643993	0.02825999	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.01145968	0.05854961	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01269252	0.06598871	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01558406	0.0834365	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.02023724	0.11151424	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.02532733	0.14222828	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.02292298	0.12772025	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.0116036	0.05941806	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01991047	0.10954245	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01339608	0.07023402	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.01459364	0.07746024	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01859008	0.10157508	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01467397	0.07794494	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01418284	0.07498141	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.0116228	0.05953389	3.22E-05	0.0061869	0.30353

7dr2_7dold_§	0.01711457	0.09267176	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02537059	0.1424893	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01475296	0.07842159	3.26E-05	0.0055188	0.16515
7dr2_7dold_§	0.08440753	0.49872366	6.37E-05	0.018667	0.1136
7dr2_7dold_§	0.02289213	0.12753408	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01820615	0.09925842	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01750423	0.09502298	3.33E-05	0.0049935	0.067421
7dr2_7dold_§	0.01698746	0.09190477	3.31E-05	0.0050879	0.085504
7dr2_7dold_§	0.02266629	0.12617132	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01566885	0.08394812	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.02636297	0.14847746	3.76E-05	0.0041286	-0.099939
7dr2_7dold_§	0.00606387	0.02599078	3.18E-05	0.008015	0.56984
7dr2_7dold_§	0.01677355	0.09061398	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.01953241	0.1072612	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.05493473	0.32088208	5.94E-05	0.0071062	0.064127
7dr2_7dold_§	0.01255108	0.06513523	3.23E-05	0.0060411	0.25518
7dr2_7dold_§	0.021526	0.1192907	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.02816239	0.15933535	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.01417859	0.07495575	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01999462	0.11005025	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01740482	0.09442313	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02004646	0.11036301	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.02423355	0.13562834	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.01997891	0.10995543	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01594167	0.08559436	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.00916566	0.04470731	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.01291059	0.06730457	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.02611842	0.14700182	3.76E-05	0.0041286	-0.096385
7dr2_7dold_§	0.01521554	0.08121283	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.02869153	0.16252819	3.97E-05	0.0040686	-0.10664
7dr2_7dold_§	0.01727715	0.09365279	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.04490658	0.26037133	5.46E-05	0.0051531	0.017239
7dr2_7dold_§	0.06581663	0.38654447	6.13E-05	0.010616	0.097788
7dr2_7dold_§	0.02072508	0.11445788	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.05735526	0.33548775	5.99E-05	0.0076952	0.071569
7dr2_7dold_§	0.07875308	0.4646042	6.30E-05	0.016077	0.13651
7dr2_7dold_§	0.00963747	0.04755426	3.20E-05	0.0068348	0.4058
7dr2_7dold_§	0.02186311	0.12132488	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.05093513	0.2967481	5.81E-05	0.006215	0.051138
7dr2_7dold_§	0.07641809	0.4505146	6.27E-05	0.015053	0.1354
7dr2_7dold_§	0.02366132	0.13217545	3.61E-05	0.0042401	-0.073623
7dr2_7dold_§	0.13939886	0.8305463	6.73E-05	0.023544	-0.49075
7dr2_7dold_§	0.06656715	0.39107317	6.13E-05	0.010826	0.10013

7dr2_7dold_9	0.01671399	0.09025464	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.04362735	0.25265232	5.38E-05	0.0050014	0.008455
7dr2_7dold_9	0.02743254	0.15493135	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.02935655	0.166541	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.05096567	0.2969324	5.81E-05	0.006215	0.051138
7dr2_7dold_9	0.05026952	0.2927318	5.78E-05	0.0061018	0.048868
7dr2_7dold_9	0.01537979	0.08220391	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01416294	0.07486136	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.04382993	0.25387466	5.38E-05	0.0050014	0.008455
7dr2_7dold_9	0.04949981	0.28808725	5.73E-05	0.0058857	0.04392
7dr2_7dold_9	0.01823184	0.09941346	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.05063969	0.2949654	5.78E-05	0.0061018	0.048868
7dr2_7dold_9	0.02340354	0.13061999	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.03774592	0.21716319	4.81E-05	0.0043756	-0.05192
7dr2_7dold_9	0.02518656	0.1413789	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.0638732	0.37481764	6.10E-05	0.0098069	0.089169
7dr2_7dold_9	0.02756113	0.15570726	3.88E-05	0.0040827	-0.10472
7dr2_7dold_9	0.0841625	0.49724513	6.37E-05	0.018667	0.1176
7dr2_7dold_9	0.00831039	0.03954652	3.19E-05	0.0071994	0.45929
7dr2_7dold_9	0.00515335	0.02049666	3.18E-05	0.0084677	0.62647
7dr2_7dold_9	0.07054558	0.41507936	6.19E-05	0.012376	0.11916
7dr2_7dold_9	0.01140471	0.05821794	3.21E-05	0.006339	0.32844
7dr2_7dold_9	0.01023007	0.05113003	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.00929507	0.04548815	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.02726142	0.15389878	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.01194845	0.0614989	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.02061334	0.11378365	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.02060745	0.11374813	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.03788554	0.21800567	4.81E-05	0.0043756	-0.05192
7dr2_7dold_9	0.01733183	0.09398269	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.02905825	0.164741	3.97E-05	0.0040686	-0.10664
7dr2_7dold_9	0.01181404	0.06068788	3.22E-05	0.0061869	0.30353
7dr2_7dold_9	0.02058009	0.11358298	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.01461683	0.07760013	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.0148273	0.07887015	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.09117333	0.53954905	6.45E-05	0.021597	0.036126
7dr2_7dold_9	0.0260062	0.14632465	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.01544574	0.08260186	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.04427481	0.25655916	5.42E-05	0.0050757	0.012967
7dr2_7dold_9	0.02097757	0.11598146	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.01036318	0.05193326	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.03052839	0.17361195	4.11E-05	0.0040705	-0.10475
7dr2_7dold_9	0.01560338	0.08355308	3.28E-05	0.0052924	0.1442

7dr2_7dold_§	0.01869597	0.10221406	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.02603877	0.14652118	3.76E-05	0.0041286	-0.096385
7dr2_7dold_§	0.01764595	0.09587814	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01914974	0.10495216	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01652403	0.08910838	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.00538151	0.02187338	3.18E-05	0.0082375	0.59807
7dr2_7dold_§	0.00992787	0.04930655	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.00984194	0.04878803	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.02478505	0.13895614	3.68E-05	0.0041768	-0.086782
7dr2_7dold_§	0.01705189	0.09229352	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02322929	0.12956852	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.07826291	0.46164644	6.29E-05	0.015819	0.13662
7dr2_7dold_§	0.01495302	0.07962877	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01348398	0.07076445	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.01299096	0.06778949	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01800483	0.09804363	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.00917364	0.04475543	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.00901329	0.04378785	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.03104681	0.17674014	4.16E-05	0.0040771	-0.10299
7dr2_7dold_§	0.02967088	0.16843766	4.02E-05	0.0040662	-0.10597
7dr2_7dold_§	0.01228026	0.06350107	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.02147788	0.11900036	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.01521093	0.08118502	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.02135581	0.11826377	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.01558638	0.08345052	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01835623	0.100164	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.0157184	0.08424712	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01557599	0.08338779	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.09555433	0.5659844	6.49E-05	0.023263	-0.035993
7dr2_7dold_§	0.03283491	0.18752974	4.32E-05	0.0041142	-0.094772
7dr2_7dold_§	0.0133941	0.07022207	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.03167276	0.1805172	4.22E-05	0.0040866	-0.10071
7dr2_7dold_§	0.0193464	0.1061388	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.02020989	0.11134918	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.00732743	0.03361523	3.19E-05	0.0075925	0.51404
7dr2_7dold_§	0.02880402	0.16320698	3.97E-05	0.0040686	-0.10664
7dr2_7dold_§	0.01510969	0.08057413	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.02768436	0.15645085	3.88E-05	0.0040827	-0.10472
7dr2_7dold_§	0.01861888	0.10174889	3.36E-05	0.0048202	0.03364
7dr2_7dold_§	0.01825987	0.09958259	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.0217572	0.12068579	3.49E-05	0.0044169	-0.0356
7dr2_7dold_§	0.01574996	0.08443757	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01950597	0.10710169	3.40E-05	0.0046667	0.017998

7dr2_7dold_§	0.01820304	0.09923968	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.0127557	0.06636992	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01800584	0.09804976	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.03623414	0.20804098	4.65E-05	0.0042637	-0.068307
7dr2_7dold_§	0.01300373	0.06786654	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01036657	0.0519537	3.21E-05	0.0064976	0.35381
7dr2_7dold_§	0.01189127	0.06115389	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01623291	0.08735172	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.03428227	0.19626325	4.48E-05	0.0041765	-0.082901
7dr2_7dold_§	0.01757021	0.09542111	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01268904	0.0659677	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01789186	0.09736199	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01859793	0.10162247	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01163891	0.05963108	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01389673	0.07325499	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.02055952	0.11345887	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.01801294	0.09809256	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02810522	0.15899037	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.02385061	0.13331763	3.61E-05	0.0042401	-0.073623
7dr2_7dold_§	0.02476711	0.13884786	3.68E-05	0.0041768	-0.086782
7dr2_7dold_§	0.01012266	0.05048195	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.01349479	0.07082966	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.01755773	0.0953458	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02426717	0.1358312	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.0136119	0.07153634	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.01258139	0.0653181	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.02327464	0.1298422	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.01898671	0.1039684	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.02573896	0.14471212	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.02766537	0.15633625	3.88E-05	0.0040827	-0.10472
7dr2_7dold_§	0.01630725	0.08780029	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.02116817	0.11713152	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.01795162	0.09772258	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01644853	0.08865278	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.00933744	0.04574383	3.20E-05	0.0068348	0.4058
7dr2_7dold_§	0.02494684	0.13993241	3.68E-05	0.0041768	-0.086782
7dr2_7dold_§	0.02375077	0.13271521	3.61E-05	0.0042401	-0.073623
7dr2_7dold_§	0.024167	0.13522674	3.61E-05	0.0042401	-0.080664
7dr2_7dold_§	0.00991882	0.04925196	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.01463236	0.07769389	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01286729	0.06704329	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.0242577	0.13577408	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.01155505	0.05912509	3.22E-05	0.0061869	0.30353

7dr2_7dold_§	0.02344627	0.1308778	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.01223648	0.06323691	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.02057122	0.1135295	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.01734913	0.09408708	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.01227897	0.0634933	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.01520058	0.08112256	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01061942	0.05347939	3.21E-05	0.0064976	0.35381
7dr2_7dold_§	0.00812282	0.03841468	3.19E-05	0.0073923	0.45929
7dr2_7dold_§	0.02841553	0.16086277	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.01428798	0.07561582	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.0143163	0.07578675	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01408721	0.07440438	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.02233296	0.12416001	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.01787659	0.09726983	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02283459	0.1271869	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01112258	0.05651554	3.21E-05	0.006339	0.32844
7dr2_7dold_§	0.01380396	0.07269525	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.02319884	0.12938479	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.02324224	0.1296467	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.02968768	0.16853906	4.02E-05	0.0040662	-0.10597
7dr2_7dold_§	0.01707149	0.09241181	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.00978525	0.04844593	3.20E-05	0.0068348	0.37961
7dr2_7dold_§	0.01603124	0.08613484	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.00779776	0.03645327	3.19E-05	0.0073923	0.48652
7dr2_7dold_§	0.01701961	0.09209874	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.01794684	0.09769374	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02855716	0.16171737	3.93E-05	0.004074	-0.10664
7dr2_7dold_§	0.02848621	0.16128926	3.93E-05	0.004074	-0.10603
7dr2_7dold_§	0.00925115	0.04522317	3.20E-05	0.0068348	0.4058
7dr2_7dold_§	0.0174735	0.09483753	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.01220545	0.06304967	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.02119902	0.11731769	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.0200921	0.11063845	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.02274495	0.12664597	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.0191863	0.10517276	3.38E-05	0.004741	0.017998
7dr2_7dold_§	0.01676688	0.09057378	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.01376334	0.0724501	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01780756	0.09685332	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01589556	0.08531614	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.0257412	0.14472562	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01515742	0.08086214	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01187992	0.06108536	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.02152104	0.11926077	3.49E-05	0.0044169	-0.0356

7dr2_7dold_§	0.01140661	0.05822939	3.21E-05	0.006339	0.32844
7dr2_7dold_§	0.00870715	0.04194063	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.01887254	0.10327949	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.0115666	0.05919478	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.02128826	0.11785615	3.47E-05	0.0044724	-0.023601
7dr2_7dold_§	0.02021309	0.11136849	3.42E-05	0.0045972	0.0032259
7dr2_7dold_§	0.01006663	0.05014383	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.02197539	0.12200237	3.49E-05	0.0044169	-0.046619
7dr2_7dold_§	0.00541949	0.02210255	3.18E-05	0.0082375	0.59807
7dr2_7dold_§	0.0122456	0.06329195	3.23E-05	0.0060411	0.2791
7dr2_7dold_§	0.0392079	0.22598496	4.98E-05	0.0045122	-0.034672
7dr2_7dold_§	0.01170395	0.06002355	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01507404	0.080359	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.0193609	0.1062263	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.01912235	0.10478687	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.01821096	0.09928747	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01953019	0.10724784	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.03090989	0.175914	4.16E-05	0.0040771	-0.10299
7dr2_7dold_§	0.0155344	0.08313688	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.03185048	0.18158959	4.22E-05	0.0040866	-0.10071
7dr2_7dold_§	0.01722743	0.09335277	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.0243717	0.13646197	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.00487153	0.01879612	3.18E-05	0.0084677	0.62647
7dr2_7dold_§	0.01945515	0.10679501	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.01760648	0.09563999	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01324699	0.06933443	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.02768614	0.1564616	3.88E-05	0.0040827	-0.10472
7dr2_7dold_§	0.01390672	0.0733153	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.02561769	0.14398037	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.02437363	0.13647358	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.01358061	0.07134748	3.24E-05	0.0057681	0.23179
7dr2_7dold_§	0.00651041	0.0286853	3.18E-05	0.0078	0.54183
7dr2_7dold_§	0.01195637	0.06154672	3.22E-05	0.0061869	0.30353
7dr2_7dold_§	0.01703893	0.09221532	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.0220959	0.12272956	3.52E-05	0.0043661	-0.046619
7dr2_7dold_§	0.02414722	0.13510741	3.61E-05	0.0042401	-0.080664
7dr2_7dold_§	0.02764105	0.15618952	3.88E-05	0.0040827	-0.10472
7dr2_7dold_§	0.02087162	0.11534213	3.44E-05	0.0045325	-0.023601
7dr2_7dold_§	0.01409435	0.07444747	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.01740975	0.09445289	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02417768	0.13529123	3.61E-05	0.0042401	-0.080664
7dr2_7dold_§	0.00873326	0.04209818	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.00544294	0.02224405	3.18E-05	0.0082375	0.59807

7dr2_7dold_§	0.01801399	0.09809895	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.01835498	0.10015652	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.02758871	0.15587369	3.88E-05	0.0040827	-0.10472
7dr2_7dold_§	0.01431846	0.07579975	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01850469	0.10105987	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.01820267	0.09923745	3.36E-05	0.0048202	0.050123
7dr2_7dold_§	0.02257676	0.12563112	3.55E-05	0.0043197	-0.056631
7dr2_7dold_§	0.01457564	0.07735162	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.00912736	0.04447619	3.19E-05	0.0070136	0.43237
7dr2_7dold_§	0.01627027	0.08757719	3.30E-05	0.0051875	0.12392
7dr2_7dold_§	0.0190628	0.10442755	3.38E-05	0.004741	0.03364
7dr2_7dold_§	0.02648579	0.14921854	3.80E-05	0.0041099	-0.099939
7dr2_7dold_§	0.02933816	0.16643	4.02E-05	0.0040662	-0.10661
7dr2_7dold_§	0.03668499	0.21076147	4.70E-05	0.0042982	-0.062998
7dr2_7dold_§	0.01282381	0.06678089	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01643859	0.08859284	3.30E-05	0.0051875	0.10435
7dr2_7dold_§	0.0311756	0.17751732	4.16E-05	0.0040771	-0.10299
7dr2_7dold_§	0.02452083	0.13736181	3.64E-05	0.0042065	-0.080664
7dr2_7dold_§	0.01457497	0.07734758	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.01403741	0.07410386	3.25E-05	0.0056405	0.20898
7dr2_7dold_§	0.02533659	0.14228421	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01491499	0.07939929	3.27E-05	0.0054028	0.16515
7dr2_7dold_§	0.01967646	0.1081304	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.01688251	0.09127148	3.31E-05	0.0050879	0.10435
7dr2_7dold_§	0.0094684	0.04653406	3.20E-05	0.0068348	0.4058
7dr2_7dold_§	0.01970256	0.10828793	3.40E-05	0.0046667	0.017998
7dr2_7dold_§	0.01568777	0.08406228	3.28E-05	0.0052924	0.1442
7dr2_7dold_§	0.01296759	0.06764851	3.23E-05	0.0059016	0.25518
7dr2_7dold_§	0.01015715	0.05069002	3.20E-05	0.0066628	0.37961
7dr2_7dold_§	0.02059566	0.11367699	3.44E-05	0.0045325	-0.01065
7dr2_7dold_§	0.02512344	0.14099804	3.68E-05	0.0041768	-0.086782
7dr2_7dold_§	0.00738616	0.03396962	3.19E-05	0.0075925	0.51404
7dr2_7dold_§	0.02310207	0.12880087	3.58E-05	0.0042778	-0.065623
7dr2_7dold_§	0.02385237	0.13332827	3.61E-05	0.0042401	-0.073623
7dr2_7dold_§	0.01702385	0.09212435	3.33E-05	0.0049935	0.085504
7dr2_7dold_§	0.02873457	0.16278793	3.97E-05	0.0040686	-0.10664
7dr2_7dold_§	0.01790262	0.09742691	3.34E-05	0.0049043	0.067421
7dr2_7dold_§	0.02575789	0.14482637	3.72E-05	0.0041509	-0.092011
7dr2_7dold_§	0.01436886	0.07610386	3.26E-05	0.0055188	0.18676
7dr2_7dold_§	0.06136822	0.35970232	6.07E-05	0.0090475	0.082025
7dr2_7dold_§	0.00776816	0.03627467	3.19E-05	0.0073923	0.48652
7dr2_7dold_§	0.00975508	0.04826391	3.20E-05	0.0068348	0.4058
7dr2_7dold_§	0.00638028	0.02790007	3.18E-05	0.008015	0.56984

7dr2_7dold_9	0.02861632	0.16207434	3.93E-05	0.004074	-0.10664
7dr2_7dold_9	0.0200165	0.11018226	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.03369212	0.19270223	4.43E-05	0.004153	-0.087207
7dr2_7dold_9	0.03078028	0.1751319	4.11E-05	0.0040705	-0.10299
7dr2_7dold_9	0.00554559	0.02286345	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.02060922	0.11375881	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.0299498	0.17012072	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.00697211	0.03147123	3.18E-05	0.0078	0.54183
7dr2_7dold_9	0.0165551	0.08929585	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.09305102	0.5508792	6.47E-05	0.022469	0.010343
7dr2_7dold_9	0.01551529	0.08302153	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.02150741	0.11917855	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01545001	0.08262765	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.04677486	0.2716447	5.57E-05	0.0054037	0.028707
7dr2_7dold_9	0.00893385	0.04330854	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.02136725	0.1183328	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.01962347	0.10781066	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.0153329	0.081921	3.27E-05	0.0054028	0.1442
7dr2_7dold_9	0.02467849	0.13831316	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.0169444	0.09164494	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02559525	0.14384498	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.01500858	0.07996398	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.02644034	0.1489443	3.80E-05	0.0041099	-0.099939
7dr2_7dold_9	0.01461057	0.07756238	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.00566035	0.02355596	3.18E-05	0.0082375	0.59807
7dr2_7dold_9	0.01417758	0.07494968	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.01670484	0.09019937	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.06962266	0.40951037	6.17E-05	0.01192	0.11455
7dr2_7dold_9	0.00911893	0.04442531	3.19E-05	0.0070136	0.43237
7dr2_7dold_9	0.0166567	0.08990894	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.01920251	0.10527057	3.38E-05	0.004741	0.017998
7dr2_7dold_9	0.01292515	0.06739241	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.01778897	0.09674113	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.01570436	0.0841624	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01880702	0.10288415	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.02567036	0.14429815	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.02601274	0.14636414	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.02101983	0.11623646	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.02322716	0.1295557	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.0107991	0.05456364	3.21E-05	0.0064976	0.35381
7dr2_7dold_9	0.01746826	0.09480594	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.01651005	0.08902402	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.01321072	0.06911558	3.24E-05	0.0057681	0.23179

7dr2_7dold_9	0.01255164	0.06513859	3.23E-05	0.0060411	0.25518
7dr2_7dold_9	0.01922167	0.1053862	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01968119	0.10815897	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.02049207	0.1130519	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.02578477	0.14498854	3.72E-05	0.0041509	-0.092011
7dr2_7dold_9	0.03184225	0.18153992	4.22E-05	0.0040866	-0.10071
7dr2_7dold_9	0.0235345	0.13141018	3.58E-05	0.0042778	-0.065623
7dr2_7dold_9	0.01883573	0.10305738	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.01513942	0.08075351	3.27E-05	0.0054028	0.16515
7dr2_7dold_9	0.01309022	0.06838845	3.23E-05	0.0059016	0.23179
7dr2_7dold_9	0.01312011	0.06856878	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.01957062	0.10749175	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.014679	0.07797533	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.02105162	0.11642827	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.0197844	0.10878173	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.02063617	0.1139214	3.44E-05	0.0045325	-0.01065
7dr2_7dold_9	0.02590557	0.14571746	3.76E-05	0.0041286	-0.096385
7dr2_7dold_9	0.0186559	0.10197226	3.36E-05	0.0048202	0.03364
7dr2_7dold_9	0.01724054	0.09343185	3.33E-05	0.0049935	0.085504
7dr2_7dold_9	0.01238508	0.06413355	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.0643888	0.37792885	6.10E-05	0.010005	0.091185
7dr2_7dold_9	0.01781321	0.0968874	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.0094515	0.04643205	3.20E-05	0.0068348	0.4058
7dr2_7dold_9	0.00619389	0.02677537	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.01828606	0.09974062	3.36E-05	0.0048202	0.050123
7dr2_7dold_9	0.02129933	0.117923	3.47E-05	0.0044724	-0.023601
7dr2_7dold_9	0.01957888	0.10754161	3.40E-05	0.0046667	0.017998
7dr2_7dold_9	0.01009058	0.05028833	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.02799214	0.158308	3.88E-05	0.0040827	-0.10472
7dr2_7dold_9	0.01994097	0.10972648	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.02083845	0.11514197	3.44E-05	0.0045325	-0.023601
7dr2_7dold_9	0.02931977	0.16631907	4.02E-05	0.0040662	-0.10661
7dr2_7dold_9	0.00597997	0.02548453	3.18E-05	0.008015	0.56984
7dr2_7dold_9	0.01893138	0.10363454	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.02977528	0.16906768	4.07E-05	0.0040668	-0.10597
7dr2_7dold_9	0.01979764	0.10886163	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.03606952	0.20704766	4.65E-05	0.0042637	-0.068307
7dr2_7dold_9	0.0166832	0.09006882	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.01864963	0.10193445	3.36E-05	0.0048202	0.03364
7dr2_7dold_9	0.01320338	0.06907128	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02221014	0.12341889	3.52E-05	0.0043661	-0.046619
7dr2_7dold_9	0.02142884	0.11870445	3.47E-05	0.0044724	-0.0356
7dr2_7dold_9	0.00907638	0.04416856	3.19E-05	0.0070136	0.43237

7dr2_7dold_9	0.02294819	0.12787233	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.01556031	0.08329319	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.01679863	0.09076535	3.31E-05	0.0050879	0.10435
7dr2_7dold_9	0.02451086	0.13730164	3.64E-05	0.0042065	-0.080664
7dr2_7dold_9	0.01288732	0.06716415	3.23E-05	0.0059016	0.25518
7dr2_7dold_9	0.00843752	0.0403136	3.19E-05	0.0071994	0.45929
7dr2_7dold_9	0.00345019	0.01021961	3.18E-05	0.0092049	0.71249
7dr2_7dold_9	0.14636323	0.87257	6.76E-05	0.023659	-0.51583
7dr2_7dold_9	0.01914603	0.10492975	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.0258601	0.14544305	3.72E-05	0.0041509	-0.096385
7dr2_7dold_9	0.02721255	0.15360387	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.01868245	0.10213246	3.38E-05	0.004741	0.03364
7dr2_7dold_9	0.00671116	0.02989663	3.18E-05	0.0078	0.54183
7dr2_7dold_9	0.02146956	0.11895017	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.01313031	0.06863035	3.24E-05	0.0057681	0.23179
7dr2_7dold_9	0.02007607	0.11054172	3.42E-05	0.0045972	0.0032259
7dr2_7dold_9	0.02249953	0.1251651	3.52E-05	0.0043661	-0.056631
7dr2_7dold_9	0.01222953	0.06319498	3.23E-05	0.0060411	0.2791
7dr2_7dold_9	0.01398544	0.0737903	3.25E-05	0.0056405	0.20898
7dr2_7dold_9	0.00764936	0.03555779	3.19E-05	0.0073923	0.48652
7dr2_7dold_9	0.02699015	0.1522619	3.84E-05	0.0040947	-0.10271
7dr2_7dold_9	0.0102721	0.05138366	3.20E-05	0.0066628	0.37961
7dr2_7dold_9	0.02490001	0.13964981	3.68E-05	0.0041768	-0.086782
7dr2_7dold_9	0.01472449	0.07824978	3.26E-05	0.0055188	0.18676
7dr2_7dold_9	0.01783424	0.09701432	3.34E-05	0.0049043	0.067421
7dr2_7dold_9	0.02269736	0.12635885	3.55E-05	0.0043197	-0.056631
7dr2_7dold_9	0.02148452	0.11904046	3.49E-05	0.0044169	-0.0356
7dr2_7dold_9	0.0033751	0.00976654	3.18E-05	0.0092049	0.71249
7dr2_7dold_9	0.00835739	0.03983013	3.19E-05	0.0071994	0.45929
7dr2_7dold_9	0.02393046	0.13379946	3.61E-05	0.0042401	-0.073623
7dr2_7dold_9	0.01557354	0.08337306	3.28E-05	0.0052924	0.1442
7dr2_7dold_9	0.0211207	0.11684512	3.47E-05	0.0044724	-0.023601
3d7d_SITTB7	0.02672671	0.15067226	3.80E-05	0.0041099	-0.099939
3d7d_SITTB7	0.0235135	0.13128349	3.58E-05	0.0042778	-0.065623
3d7d_SITTB7	0.01418432	0.07499036	3.25E-05	0.0056405	0.20898
3d7d_SITTB7	0.0200368	0.11030475	3.42E-05	0.0045972	0.0032259
3d7d_SITTB7	0.00670465	0.02985733	3.18E-05	0.0078	0.54183
3d7d_SITTB7	0.01139747	0.05817425	3.21E-05	0.006339	0.32844
3d7d_SITTB7	0.01881146	0.10291095	3.38E-05	0.004741	0.03364
3d7d_SITTB7	0.02039084	0.11244109	3.44E-05	0.0045325	-0.01065
3d7d_SITTB7	0.01205904	0.06216622	3.23E-05	0.0060411	0.2791
3d7d_SITTB7	0.09132667	0.54047436	6.45E-05	0.021822	0.036126
3d7d_SITTB7	0.05729893	0.3351479	5.99E-05	0.0076952	0.071569

3d7d_SITTB7	0.02804721	0.15864028	3.88E-05	0.0040827	-0.10603
3d7d_SITTB7	0.00951109	0.04679164	3.20E-05	0.0068348	0.4058
3d7d_SITTB7	0.00455572	0.01689052	3.18E-05	0.0087056	0.65503
3d7d_SITTB7	0.01763472	0.09581041	3.34E-05	0.0049043	0.067421
3d7d_SITTB7	0.01939902	0.10645634	3.40E-05	0.0046667	0.017998
3d7d_SITTB7	0.08903408	0.52664065	6.42E-05	0.020663	0.067165
3d7d_SITTB7	0.02591616	0.14578134	3.76E-05	0.0041286	-0.096385
3d7d_SITTB7	0.04306983	0.24928817	5.33E-05	0.0049301	0.0036923
3d7d_SITTB7	0.01585789	0.0850888	3.28E-05	0.0052924	0.12392
3d7d_SITTB7	0.01833691	0.10004745	3.36E-05	0.0048202	0.050123
3d7d_SITTB7	0.01225783	0.06336571	3.23E-05	0.0060411	0.2791
3d7d_SITTB7	0.00406948	0.01395646	3.18E-05	0.0089513	0.68371
3d7d_SITTB7	0.03784086	0.21773611	4.81E-05	0.0043756	-0.05192
3d7d_SITTB7	0.02919599	0.16557218	4.02E-05	0.0040662	-0.10661
3d7d_SITTB7	0.01491975	0.07942797	3.27E-05	0.0054028	0.16515
3d7d_SITTB7	0.02719696	0.15350984	3.84E-05	0.0040947	-0.10271
3d7d_SITTB7	0.01241087	0.0642892	3.23E-05	0.0060411	0.2791
3d7d_SITTB7	0.01567188	0.08396643	3.28E-05	0.0052924	0.1442
3d7d_SITTB7	0.02306608	0.12858368	3.55E-05	0.0043197	-0.065623
3d7d_SITTB7	0.0199059	0.10951487	3.42E-05	0.0045972	0.0032259
3d7d_SITTB7	0.01366606	0.07186309	3.24E-05	0.0057681	0.20898
3d7d_SITTB7	0.02633952	0.14833596	3.76E-05	0.0041286	-0.096385
3d7d_SITTB7	0.01992663	0.10963998	3.42E-05	0.0045972	0.0032259
3d7d_SITTB7	0.01985556	0.10921115	3.42E-05	0.0045972	0.0032259
3d7d_SITTB7	0.02092706	0.11567665	3.47E-05	0.0044724	-0.023601
3d7d_SITTB7	0.00474589	0.01803803	3.18E-05	0.0087056	0.65503
3d7d_SITTB7	0.01646274	0.08873855	3.31E-05	0.0050879	0.10435
3d7d_SITTB7	0.12107954	0.7200059	6.66E-05	0.02449	-0.37656
3d7d_SITTB7	0.01994594	0.10975649	3.42E-05	0.0045972	0.0032259
3d7d_SITTB7	0.00821105	0.03894709	3.19E-05	0.0071994	0.45929
3d7d_SITTB7	0.00872998	0.04207838	3.19E-05	0.0070136	0.43237
3d7d_SITTB7	0.03121039	0.17772724	4.16E-05	0.0040771	-0.10299
3d7d_SITTB7	0.02112014	0.1168417	3.47E-05	0.0044724	-0.023601
3d7d_SITTB7	0.01107983	0.05625759	3.21E-05	0.006339	0.32844
3d7d_SITTB7	0.01671747	0.09027559	3.31E-05	0.0050879	0.10435
3d7d_SITTB7	0.00889211	0.04305664	3.19E-05	0.0070136	0.43237
3d7d_SITTB7	0.01211957	0.06253146	3.23E-05	0.0060411	0.2791
3d7d_SITTB7	0.06699664	0.39366475	6.14E-05	0.011039	0.10251
3d7d_SITTB7	0.00963332	0.04752921	3.20E-05	0.0068348	0.4058
3d7d_SITTB7	0.09591116	0.5681376	6.50E-05	0.023448	-0.035993
3d7d_SITTB7	0.01767434	0.09604944	3.34E-05	0.0049043	0.067421
3d7d_SITTB7	0.02624322	0.14775488	3.76E-05	0.0041286	-0.096385
3d7d_SITTB7	0.0135906	0.07140777	3.24E-05	0.0057681	0.23179

3d7d_SITTB7	0.05493133	0.32086158	5.94E-05	0.0071062	0.064127
3d7d_SITTB7	0.01938541	0.10637418	3.40E-05	0.0046667	0.017998
3d7d_SITTB7	0.12444805	0.74033177	6.67E-05	0.024092	-0.40152
2w4w_SITTC4	0.01763498	0.09581196	3.34E-05	0.0049043	0.067421
2w4w_SITTC4	0.01760042	0.0956034	3.34E-05	0.0049043	0.067421
2w4w_SITTC4	0.04093628	0.23641418	5.14E-05	0.0046741	-0.017493
2w4w_SITTC4	0.09910073	0.58738375	6.53E-05	0.02442	-0.094455
2w4w_SITTC4	0.01490285	0.079326	3.27E-05	0.0054028	0.16515
2w4w_SITTC4	0.14279728	0.8510527	6.74E-05	0.023593	-0.50412
2w4w_SITTC4	0.01812474	0.09876722	3.36E-05	0.0048202	0.050123
2w4w_SITTC4	0.09240261	0.5469667	6.46E-05	0.022258	0.019141
2w4w_SITTC4	0.09497488	0.56248796	6.49E-05	0.023073	-0.026471
2w4w_SITTC4	0.01691846	0.09148841	3.31E-05	0.0050879	0.10435
2w4w_SITTC4	0.09677056	0.5733233	6.50E-05	0.023626	-0.055297
2w4w_SITTC4	0.0154656	0.08272171	3.28E-05	0.0052924	0.1442
2w4w_SITTC4	0.02128444	0.1178331	3.47E-05	0.0044724	-0.023601
2w4w_SITTC4	0.03478771	0.19931309	4.54E-05	0.0042028	-0.078293
2w4w_SITTC4	0.09291472	0.5500568	6.46E-05	0.022258	0.010343
2w4w_SITTC4	0.0320006	0.18249542	4.27E-05	0.004099	-0.097962
2w4w_SITTC4	0.02504201	0.14050665	3.68E-05	0.0041768	-0.086782
2w4w_SITTC4	0.02365439	0.13213362	3.61E-05	0.0042401	-0.073623
2w4w_SITTC4	0.15278168	0.9112995	6.77E-05	0.023709	-0.52541
2w4w_SITTC4	0.02352229	0.1313365	3.58E-05	0.0042778	-0.065623
2w4w_SITTC4	0.01299794	0.06783164	3.23E-05	0.0059016	0.25518
2w4w_SITTC4	0.03007705	0.17088854	4.07E-05	0.0040668	-0.10597
2w4w_SITTC4	0.09315362	0.5514983	6.47E-05	0.022469	0.010343
2w4w_SITTC4	0.01330114	0.06966116	3.24E-05	0.0057681	0.23179
2w4w_SITTC4	0.06011128	0.35211787	6.04E-05	0.0085136	0.07887
2w4w_SITTC4	0.03984373	0.22982161	5.03E-05	0.0045634	-0.028892
2w4w_SITTC4	0.01578396	0.0846427	3.28E-05	0.0052924	0.1442
2w4w_SITTC4	0.04723087	0.27439627	5.61E-05	0.0054936	0.032113
2w4w_SITTC4	0.0129542	0.06756771	3.23E-05	0.0059016	0.25518
2w4w_SITTC4	0.10030153	0.5946295	6.53E-05	0.024687	-0.11403
2w4w_SITTC4	0.01628853	0.08768737	3.30E-05	0.0051875	0.12392
2w4w_SITTC4	0.0833237	0.49218374	6.36E-05	0.018151	0.12117
2w4w_SITTC4	0.06552714	0.38479763	6.12E-05	0.01041	0.095509
2w4w_SITTC4	0.09118983	0.53964865	6.45E-05	0.021597	0.036126
2w4w_SITTC4	0.02055948	0.11345865	3.44E-05	0.0045325	-0.01065
2w4w_SITTC4	0.05118197	0.29823756	5.81E-05	0.006215	0.051138
2w4w_SITTC4	0.01646441	0.08874859	3.31E-05	0.0050879	0.10435
2w4w_SITTC4	0.10516285	0.6239631	6.57E-05	0.025482	-0.19772
2w4w_SITTC4	0.02294415	0.12784795	3.55E-05	0.0043197	-0.056631
2w4w_SITTC4	0.10844538	0.6437702	6.59E-05	0.025614	-0.24573

2w4w_SITTC ^z	0.01679036	0.0907154	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^z	0.02392385	0.13375959	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ^z	0.04683374	0.27199996	5.57E-05	0.0054037	0.032113
2w4w_SITTC ^z	0.06697223	0.39351743	6.14E-05	0.011039	0.10251
2w4w_SITTC ^z	0.02293184	0.12777373	3.55E-05	0.0043197	-0.056631
2w4w_SITTC ^z	0.04829412	0.280812	5.67E-05	0.0056831	0.038361
2w4w_SITTC ^z	0.02724643	0.15380833	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ^z	0.017022	0.09211319	3.33E-05	0.0049935	0.085504
2w4w_SITTC ^z	0.05855005	0.34269723	6.01E-05	0.0080116	0.074438
2w4w_SITTC ^z	0.02448506	0.13714597	3.64E-05	0.0042065	-0.080664
2w4w_SITTC ^z	0.08646038	0.51111107	6.40E-05	0.019681	0.099025
2w4w_SITTC ^z	0.02675025	0.15081432	3.80E-05	0.0041099	-0.099939
2w4w_SITTC ^z	0.1264636	0.75249386	6.68E-05	0.023879	-0.41707
2w4w_SITTC ^z	0.01053596	0.05297583	3.21E-05	0.0064976	0.35381
2w4w_SITTC ^z	0.07004799	0.41207686	6.18E-05	0.012147	0.11689
2w4w_SITTC ^z	0.09586716	0.56787205	6.50E-05	0.023448	-0.035993
2w4w_SITTC ^z	0.0195712	0.10749526	3.40E-05	0.0046667	0.017998
2w4w_SITTC ^z	0.02756234	0.15571456	3.88E-05	0.0040827	-0.10472
2w4w_SITTC ^z	0.01968497	0.10818181	3.40E-05	0.0046667	0.017998
2w4w_SITTC ^z	0.12826908	0.7633882	6.69E-05	0.023757	-0.4283
2w4w_SITTC ^z	0.11209155	0.66577154	6.61E-05	0.025489	-0.29336
2w4w_SITTC ^z	0.0484045	0.28147805	5.67E-05	0.0056831	0.038361
2w4w_SITTC ^z	0.04946952	0.28790453	5.73E-05	0.0058857	0.04392
2w4w_SITTC ^z	0.08096901	0.4779753	6.33E-05	0.017113	0.13314
2w4w_SITTC ^z	0.09816246	0.58172214	6.52E-05	0.024123	-0.084641
2w4w_SITTC ^z	0.02138406	0.11843427	3.47E-05	0.0044724	-0.0356
2w4w_SITTC ^z	0.08075165	0.47666374	6.33E-05	0.017113	0.13314
2w4w_SITTC ^z	0.02954018	0.16764902	4.02E-05	0.0040662	-0.10661
2w4w_SITTC ^z	0.02114237	0.11697587	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^z	0.04604866	0.26726276	5.54E-05	0.0053171	0.025099
2w4w_SITTC ^z	0.09968624	0.59091675	6.53E-05	0.024558	-0.10426
2w4w_SITTC ^z	0.08266968	0.48823726	6.35E-05	0.017892	0.1271
2w4w_SITTC ^z	0.09243641	0.54717064	6.46E-05	0.022258	0.019141
2w4w_SITTC ^z	0.13397591	0.7978238	6.71E-05	0.023539	-0.46255
2w4w_SITTC ^z	0.01898782	0.1039751	3.38E-05	0.004741	0.03364
2w4w_SITTC ^z	0.03066932	0.17446235	4.11E-05	0.0040705	-0.10475
2w4w_SITTC ^z	0.01613046	0.08673354	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^z	0.0387599	0.22328168	4.92E-05	0.0044639	-0.040459
2w4w_SITTC ^z	0.06317387	0.3705978	6.09E-05	0.0096122	0.087254
2w4w_SITTC ^z	0.03110337	0.17708144	4.16E-05	0.0040771	-0.10299
2w4w_SITTC ^z	0.01577136	0.08456671	3.28E-05	0.0052924	0.1442
2w4w_SITTC ^z	0.02852081	0.16149807	3.93E-05	0.004074	-0.10603
2w4w_SITTC ^z	0.0294882	0.16733538	4.02E-05	0.0040662	-0.10661

2w4w_SITTC ^z	0.07136913	0.4200487	6.20E-05	0.012843	0.12136
2w4w_SITTC ^z	0.09333517	0.5525938	6.47E-05	0.022469	0.0013661
2w4w_SITTC ^z	0.01506997	0.08033443	3.27E-05	0.0054028	0.16515
2w4w_SITTC ^z	0.02029982	0.11189186	3.42E-05	0.0045972	-0.01065
2w4w_SITTC ^z	0.08275412	0.48874682	6.35E-05	0.017892	0.12434
2w4w_SITTC ^z	0.01972842	0.10844394	3.40E-05	0.0046667	0.0032259
2w4w_SITTC ^z	0.02394079	0.13386177	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ^z	0.03774667	0.21716774	4.81E-05	0.0043756	-0.05192
2w4w_SITTC ^z	0.02463905	0.13807516	3.64E-05	0.0042065	-0.080664
2w4w_SITTC ^z	0.12121878	0.72084606	6.66E-05	0.024419	-0.37656
2w4w_SITTC ^z	0.03670966	0.21091034	4.70E-05	0.0042982	-0.062998
2w4w_SITTC ^z	0.09863157	0.58455276	6.52E-05	0.024275	-0.084641
2w4w_SITTC ^z	0.02378795	0.13293952	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ^z	0.02193562	0.12176243	3.49E-05	0.0044169	-0.046619
2w4w_SITTC ^z	0.04033148	0.23276475	5.09E-05	0.0046173	-0.023154
2w4w_SITTC ^z	0.11442563	0.6798556	6.63E-05	0.025299	-0.3171
2w4w_SITTC ^z	0.04226137	0.24440984	5.24E-05	0.0047963	-0.00654
2w4w_SITTC ^z	0.0562534	0.32883906	5.97E-05	0.0073934	0.068678
2w4w_SITTC ^z	0.0138902	0.07321557	3.25E-05	0.0056405	0.20898
2w4w_SITTC ^z	0.05748145	0.3362492	6.00E-05	0.0078516	0.071569
2w4w_SITTC ^z	0.01859295	0.10159246	3.36E-05	0.0048202	0.050123
2w4w_SITTC ^z	0.06023791	0.35288194	6.05E-05	0.008688	0.07887
2w4w_SITTC ^z	0.05735968	0.3355145	5.99E-05	0.0076952	0.071569
2w4w_SITTC ^z	0.01266502	0.06582273	3.23E-05	0.0059016	0.25518
2w4w_SITTC ^z	0.12610152	0.750309	6.68E-05	0.023927	-0.41325
2w4w_SITTC ^z	0.04696434	0.272788	5.61E-05	0.0054936	0.032113
2w4w_SITTC ^z	0.0239347	0.13382505	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ^z	0.03961019	0.22841239	4.98E-05	0.0045122	-0.028892
2w4w_SITTC ^z	0.09832983	0.582732	6.52E-05	0.024123	-0.084641
2w4w_SITTC ^z	0.01699873	0.09197275	3.31E-05	0.0050879	0.085504
2w4w_SITTC ^z	0.0210946	0.11668763	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^z	0.01826281	0.09960032	3.36E-05	0.0048202	0.050123
2w4w_SITTC ^z	0.02832034	0.16028838	3.93E-05	0.004074	-0.10603
2w4w_SITTC ^z	0.06835934	0.4018874	6.16E-05	0.011474	0.10977
2w4w_SITTC ^z	0.0132419	0.06930371	3.24E-05	0.0057681	0.23179
2w4w_SITTC ^z	0.01439782	0.07627866	3.26E-05	0.0055188	0.18676
2w4w_SITTC ^z	0.14035642	0.8363244	6.74E-05	0.023558	-0.49553
2w4w_SITTC ^z	0.01473812	0.07833205	3.26E-05	0.0055188	0.18676
2w4w_SITTC ^z	0.13340954	0.7944063	6.71E-05	0.023546	-0.45937
2w4w_SITTC ^z	0.0886082	0.52407086	6.42E-05	0.020663	0.074212
2w4w_SITTC ^z	0.01261973	0.06554947	3.23E-05	0.0059016	0.25518
2w4w_SITTC ^z	0.08477528	0.50094265	6.38E-05	0.018923	0.1136
2w4w_SITTC ^z	0.08439402	0.49864215	6.37E-05	0.018667	0.1136

2w4w_SITTC ζ	0.09437713	0.5588811	6.48E-05	0.022877	-0.017059
2w4w_SITTC ζ	0.08043778	0.4747698	6.32E-05	0.016854	0.13446
2w4w_SITTC ζ	0.01395103	0.07358264	3.25E-05	0.0056405	0.20898
2w4w_SITTC ζ	0.02994748	0.17010674	4.07E-05	0.0040668	-0.10597
2w4w_SITTC ζ	0.12912208	0.7685353	6.70E-05	0.023692	-0.43556
2w4w_SITTC ζ	0.14571509	0.8686591	6.75E-05	0.02365	-0.51443
2w4w_SITTC ζ	0.07503423	0.4421643	6.25E-05	0.014299	0.13345
2w4w_SITTC ζ	0.11228807	0.6669573	6.61E-05	0.025489	-0.29336
2w4w_SITTC ζ	0.01986585	0.10927324	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ζ	0.02726243	0.15390487	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ζ	0.0308948	0.17582293	4.16E-05	0.0040771	-0.10299
2w4w_SITTC ζ	0.08023735	0.4735604	6.32E-05	0.016854	0.13446
2w4w_SITTC ζ	0.04432179	0.25684264	5.42E-05	0.0050757	0.012967
2w4w_SITTC ζ	0.04508535	0.26145002	5.46E-05	0.0051531	0.017239
2w4w_SITTC ζ	0.01157498	0.05924533	3.22E-05	0.0061869	0.30353
2w4w_SITTC ζ	0.07249983	0.4268715	6.22E-05	0.01332	0.12548
2w4w_SITTC ζ	0.02979784	0.16920374	4.07E-05	0.0040668	-0.10597
2w4w_SITTC ζ	0.00706561	0.03203542	3.19E-05	0.0075925	0.51404
2w4w_SITTC ζ	0.01866112	0.10200378	3.36E-05	0.0048202	0.03364
2w4w_SITTC ζ	0.13575919	0.8085843	6.72E-05	0.023527	-0.47464
2w4w_SITTC ζ	0.09696453	0.5744937	6.51E-05	0.023799	-0.055297
2w4w_SITTC ζ	0.03541939	0.20312473	4.59E-05	0.0042319	-0.073417
2w4w_SITTC ζ	0.01445717	0.07663674	3.26E-05	0.0055188	0.18676
2w4w_SITTC ζ	0.0216764	0.12019823	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ζ	0.01840769	0.10047457	3.36E-05	0.0048202	0.050123
2w4w_SITTC ζ	0.09469301	0.56078714	6.49E-05	0.023073	-0.017059
2w4w_SITTC ζ	0.01430075	0.07569287	3.26E-05	0.0055188	0.18676
2w4w_SITTC ζ	0.08434577	0.49835095	6.37E-05	0.018667	0.1136
2w4w_SITTC ζ	0.10591639	0.62851006	6.58E-05	0.025526	-0.21453
2w4w_SITTC ζ	0.00852368	0.04083353	3.19E-05	0.0071994	0.45929
2w4w_SITTC ζ	0.01791288	0.09748881	3.34E-05	0.0049043	0.067421
2w4w_SITTC ζ	0.10465968	0.6209269	6.57E-05	0.025429	-0.18901
2w4w_SITTC ζ	0.02340857	0.13065036	3.58E-05	0.0042778	-0.065623
2w4w_SITTC ζ	0.02282243	0.1271135	3.55E-05	0.0043197	-0.056631
2w4w_SITTC ζ	0.11609928	0.6899545	6.63E-05	0.025119	-0.33347
2w4w_SITTC ζ	0.02200413	0.12217582	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.01093308	0.05537205	3.21E-05	0.006339	0.32844
2w4w_SITTC ζ	0.03632569	0.20859344	4.65E-05	0.0042637	-0.062998
2w4w_SITTC ζ	0.08267441	0.4882658	6.35E-05	0.017892	0.1271
2w4w_SITTC ζ	0.09708235	0.5752046	6.51E-05	0.023799	-0.065044
2w4w_SITTC ζ	0.0691465	0.4066372	6.17E-05	0.01192	0.11218
2w4w_SITTC ζ	0.02644216	0.14895532	3.80E-05	0.0041099	-0.099939
2w4w_SITTC ζ	0.03120012	0.17766523	4.16E-05	0.0040771	-0.10299

2w4w_SITTC ^Δ	0.10335881	0.6130774	6.56E-05	0.025216	-0.17104
2w4w_SITTC ^Δ	0.01532967	0.08190151	3.27E-05	0.0054028	0.1442
2w4w_SITTC ^Δ	0.09359551	0.55416477	6.48E-05	0.022676	0.0013661
2w4w_SITTC ^Δ	0.04271893	0.24717084	5.29E-05	0.0048617	-0.0013165
2w4w_SITTC ^Δ	0.06901051	0.4058166	6.16E-05	0.011695	0.11218
2w4w_SITTC ^Δ	0.08380138	0.49506608	6.37E-05	0.01841	0.1176
2w4w_SITTC ^Δ	0.05005974	0.2914659	5.76E-05	0.005992	0.046466
2w4w_SITTC ^Δ	0.03532855	0.20257658	4.59E-05	0.0042319	-0.073417
2w4w_SITTC ^Δ	0.03947729	0.22761048	4.98E-05	0.0045122	-0.034672
2w4w_SITTC ^Δ	0.08253345	0.48741528	6.35E-05	0.017892	0.1271
2w4w_SITTC ^Δ	0.10331181	0.6127938	6.56E-05	0.025216	-0.17104
2w4w_SITTC ^Δ	0.014954	0.07963467	3.27E-05	0.0054028	0.16515
2w4w_SITTC ^Δ	0.085769	0.5069388	6.39E-05	0.01943	0.1043
2w4w_SITTC ^Δ	0.08100359	0.47818398	6.33E-05	0.017113	0.13314
2w4w_SITTC ^Δ	0.06301353	0.3696303	6.09E-05	0.0096122	0.087254
2w4w_SITTC ^Δ	0.02471987	0.13856281	3.64E-05	0.0042065	-0.086782
2w4w_SITTC ^Δ	0.08882932	0.5254051	6.42E-05	0.020663	0.067165
2w4w_SITTC ^Δ	0.02385739	0.13335855	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ^Δ	0.02556195	0.14364402	3.72E-05	0.0041509	-0.092011
2w4w_SITTC ^Δ	0.02442855	0.136805	3.64E-05	0.0042065	-0.080664
2w4w_SITTC ^Δ	0.13162456	0.78363556	6.70E-05	0.023599	-0.44949
2w4w_SITTC ^Δ	0.09162038	0.5422466	6.45E-05	0.021822	0.027741
2w4w_SITTC ^Δ	0.01347175	0.07069062	3.24E-05	0.0057681	0.23179
2w4w_SITTC ^Δ	0.07136179	0.42000443	6.20E-05	0.012843	0.12136
2w4w_SITTC ^Δ	0.02005894	0.11043836	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ^Δ	0.03000483	0.17045274	4.07E-05	0.0040668	-0.10597
2w4w_SITTC ^Δ	0.09286216	0.5497396	6.46E-05	0.022258	0.010343
2w4w_SITTC ^Δ	0.13875811	0.82668	6.73E-05	0.023538	-0.48824
2w4w_SITTC ^Δ	0.12565024	0.74758595	6.68E-05	0.023927	-0.40938
2w4w_SITTC ^Δ	0.02058833	0.1136327	3.44E-05	0.0045325	-0.01065
2w4w_SITTC ^Δ	0.04805949	0.27939627	5.67E-05	0.0056831	0.038361
2w4w_SITTC ^Δ	0.0286816	0.1624683	3.97E-05	0.0040686	-0.10664
2w4w_SITTC ^Δ	0.08987913	0.5317397	6.44E-05	0.021137	0.05218
2w4w_SITTC ^Δ	0.0507072	0.29537275	5.78E-05	0.0061018	0.051138
2w4w_SITTC ^Δ	0.02128522	0.11783782	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^Δ	0.09272748	0.54892695	6.46E-05	0.022258	0.010343
2w4w_SITTC ^Δ	0.08169627	0.48236367	6.34E-05	0.017373	0.12948
2w4w_SITTC ^Δ	0.09118195	0.5396011	6.45E-05	0.021597	0.036126
2w4w_SITTC ^Δ	0.01888111	0.10333123	3.38E-05	0.004741	0.03364
2w4w_SITTC ^Δ	0.04939086	0.28742984	5.73E-05	0.0058857	0.04392
2w4w_SITTC ^Δ	0.07463187	0.43973643	6.24E-05	0.014051	0.13218
2w4w_SITTC ^Δ	0.09685739	0.57384723	6.51E-05	0.023799	-0.055297
2w4w_SITTC ^Δ	0.09275412	0.5490877	6.46E-05	0.022258	0.010343

2w4w_SITTC ζ	0.02241079	0.12462964	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.00894098	0.04335154	3.19E-05	0.0070136	0.43237
2w4w_SITTC ζ	0.02894344	0.16404827	3.97E-05	0.0040686	-0.10664
2w4w_SITTC ζ	0.02795978	0.15811273	3.88E-05	0.0040827	-0.10472
2w4w_SITTC ζ	0.07874874	0.464578	6.30E-05	0.016077	0.13651
2w4w_SITTC ζ	0.02241361	0.12464663	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.03978498	0.2294671	5.03E-05	0.0045634	-0.028892
2w4w_SITTC ζ	0.05583251	0.32629937	5.97E-05	0.0073934	0.067199
2w4w_SITTC ζ	0.06565472	0.38556746	6.12E-05	0.01041	0.097788
2w4w_SITTC ζ	0.04486863	0.2601423	5.46E-05	0.0051531	0.017239
2w4w_SITTC ζ	0.02952236	0.16754149	4.02E-05	0.0040662	-0.10661
2w4w_SITTC ζ	0.05494678	0.32095477	5.94E-05	0.0071062	0.064127
2w4w_SITTC ζ	0.0140644	0.07426676	3.25E-05	0.0056405	0.20898
2w4w_SITTC ζ	0.0231229	0.12892658	3.58E-05	0.0042778	-0.065623
2w4w_SITTC ζ	0.01066858	0.05377605	3.21E-05	0.0064976	0.35381
2w4w_SITTC ζ	0.0294218	0.16693473	4.02E-05	0.0040662	-0.10661
2w4w_SITTC ζ	0.0086005	0.04129709	3.19E-05	0.0071994	0.45929
2w4w_SITTC ζ	0.07658743	0.45153645	6.27E-05	0.015053	0.1354
2w4w_SITTC ζ	0.01992773	0.10964662	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ζ	0.00485603	0.01870258	3.18E-05	0.0084677	0.62647
2w4w_SITTC ζ	0.03785529	0.21782318	4.81E-05	0.0043756	-0.05192
2w4w_SITTC ζ	0.06331322	0.37143868	6.09E-05	0.0096122	0.087254
2w4w_SITTC ζ	0.00992316	0.04927814	3.20E-05	0.0066628	0.37961
2w4w_SITTC ζ	0.01421772	0.07519188	3.25E-05	0.0056405	0.18676
2w4w_SITTC ζ	0.02625903	0.14785023	3.76E-05	0.0041286	-0.096385
2w4w_SITTC ζ	0.01402106	0.07400519	3.25E-05	0.0056405	0.20898
2w4w_SITTC ζ	0.01642511	0.08851145	3.30E-05	0.0051875	0.10435
2w4w_SITTC ζ	0.02028417	0.11179738	3.42E-05	0.0045972	-0.01065
2w4w_SITTC ζ	0.02173833	0.12057193	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ζ	0.10398013	0.6168265	6.56E-05	0.025296	-0.18011
2w4w_SITTC ζ	0.03530086	0.20240948	4.59E-05	0.0042319	-0.073417
2w4w_SITTC ζ	0.02240739	0.12460912	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.01332262	0.0697908	3.24E-05	0.0057681	0.23179
2w4w_SITTC ζ	0.02155294	0.11945328	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ζ	0.03168292	0.18057854	4.22E-05	0.0040866	-0.10071
2w4w_SITTC ζ	0.07665102	0.45192015	6.27E-05	0.015053	0.13605
2w4w_SITTC ζ	0.02147288	0.11897022	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ζ	0.02893637	0.16400558	3.97E-05	0.0040686	-0.10664
2w4w_SITTC ζ	0.02981985	0.16933657	4.07E-05	0.0040668	-0.10597
2w4w_SITTC ζ	0.06812448	0.40047023	6.16E-05	0.011474	0.10734
2w4w_SITTC ζ	0.02654926	0.14960155	3.80E-05	0.0041099	-0.099939
2w4w_SITTC ζ	0.08382839	0.49522907	6.37E-05	0.01841	0.1176
2w4w_SITTC ζ	0.02102381	0.11626045	3.47E-05	0.0044724	-0.023601

2w4w_SITTC ^Δ	0.02497607	0.14010873	3.68E-05	0.0041768	-0.086782
2w4w_SITTC ^Δ	0.05791935	0.33889154	6.00E-05	0.0078516	0.073002
2w4w_SITTC ^Δ	0.07091032	0.41728023	6.20E-05	0.012608	0.11916
2w4w_SITTC ^Δ	0.02723096	0.15371497	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ^Δ	0.01294633	0.0675202	3.23E-05	0.0059016	0.25518
2w4w_SITTC ^Δ	0.06195911	0.3632678	6.07E-05	0.0092324	0.083692
2w4w_SITTC ^Δ	0.02300685	0.12822634	3.55E-05	0.0043197	-0.056631
2w4w_SITTC ^Δ	0.03900088	0.22473575	4.92E-05	0.0044639	-0.040459
2w4w_SITTC ^Δ	0.02273654	0.12659523	3.55E-05	0.0043197	-0.056631
2w4w_SITTC ^Δ	0.05826815	0.34099627	6.01E-05	0.0080116	0.073002
2w4w_SITTC ^Δ	0.03984091	0.22980462	5.03E-05	0.0045634	-0.028892
2w4w_SITTC ^Δ	0.10031155	0.5946899	6.53E-05	0.024687	-0.11403
2w4w_SITTC ^Δ	0.09957688	0.59025687	6.53E-05	0.02442	-0.10426
2w4w_SITTC ^Δ	0.05209041	0.3037192	5.85E-05	0.0064518	0.055318
2w4w_SITTC ^Δ	0.01604565	0.08622176	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^Δ	0.0152549	0.08145036	3.27E-05	0.0054028	0.16515
2w4w_SITTC ^Δ	0.0180119	0.09808631	3.34E-05	0.0049043	0.067421
2w4w_SITTC ^Δ	0.01255876	0.06518158	3.23E-05	0.0060411	0.25518
2w4w_SITTC ^Δ	0.01389041	0.07321686	3.25E-05	0.0056405	0.20898
2w4w_SITTC ^Δ	0.02182069	0.12106892	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ^Δ	0.02728482	0.15403996	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ^Δ	0.08021098	0.4734013	6.32E-05	0.016854	0.13446
2w4w_SITTC ^Δ	0.00909671	0.04429124	3.19E-05	0.0070136	0.43237
2w4w_SITTC ^Δ	0.00575492	0.02412656	3.18E-05	0.0082375	0.59807
2w4w_SITTC ^Δ	0.06389132	0.37492698	6.10E-05	0.0098069	0.089169
2w4w_SITTC ^Δ	0.08676624	0.51295626	6.40E-05	0.019681	0.093363
2w4w_SITTC ^Δ	0.1150806	0.68380773	6.63E-05	0.025242	-0.32268
2w4w_SITTC ^Δ	0.00437638	0.01580835	3.18E-05	0.0087056	0.65503
2w4w_SITTC ^Δ	0.0168416	0.09102461	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^Δ	0.01668828	0.09009948	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^Δ	0.02786884	0.15756403	3.88E-05	0.0040827	-0.10472
2w4w_SITTC ^Δ	0.03429222	0.19632329	4.48E-05	0.0041765	-0.082901
2w4w_SITTC ^Δ	0.01043104	0.05234271	3.21E-05	0.0064976	0.35381
2w4w_SITTC ^Δ	0.01591981	0.08546243	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^Δ	0.04220765	0.24408571	5.24E-05	0.0047963	-0.00654
2w4w_SITTC ^Δ	0.01605545	0.08628094	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^Δ	0.02149065	0.11907741	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ^Δ	0.08605621	0.5086719	6.39E-05	0.01943	0.099025
2w4w_SITTC ^Δ	0.04458334	0.25842085	5.42E-05	0.0050757	0.017239
2w4w_SITTC ^Δ	0.14709006	0.8769558	6.76E-05	0.023666	-0.51713
2w4w_SITTC ^Δ	0.01645892	0.08871549	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^Δ	0.0136333	0.07166546	3.24E-05	0.0057681	0.23179
2w4w_SITTC ^Δ	0.02254487	0.12543866	3.55E-05	0.0043197	-0.056631

2w4w_SITTC ^Δ	0.01912324	0.10479224	3.38E-05	0.004741	0.03364
2w4w_SITTC ^Δ	0.14554264	0.8676185	6.75E-05	0.023641	-0.51294
2w4w_SITTC ^Δ	0.02005615	0.11042152	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ^Δ	0.02794112	0.15800013	3.88E-05	0.0040827	-0.10472
2w4w_SITTC ^Δ	0.03185175	0.18159723	4.22E-05	0.0040866	-0.10071
2w4w_SITTC ^Δ	0.11491115	0.6827853	6.63E-05	0.025242	-0.32268
2w4w_SITTC ^Δ	0.07475074	0.44045368	6.25E-05	0.014299	0.13218
2w4w_SITTC ^Δ	0.09904471	0.5870457	6.53E-05	0.02442	-0.094455
2w4w_SITTC ^Δ	0.06299456	0.36951587	6.08E-05	0.0094206	0.087254
2w4w_SITTC ^Δ	0.01997234	0.1099158	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ^Δ	0.02649844	0.1492949	3.80E-05	0.0041099	-0.099939
2w4w_SITTC ^Δ	0.0261678	0.1472998	3.76E-05	0.0041286	-0.096385
2w4w_SITTC ^Δ	0.03041655	0.1729371	4.11E-05	0.0040705	-0.10475
2w4w_SITTC ^Δ	0.04352573	0.25203913	5.33E-05	0.0049301	0.008455
2w4w_SITTC ^Δ	0.03807414	0.21914373	4.87E-05	0.0044183	-0.04622
2w4w_SITTC ^Δ	0.08321438	0.49152407	6.36E-05	0.018151	0.12434
2w4w_SITTC ^Δ	0.01124485	0.05725334	3.21E-05	0.006339	0.32844
2w4w_SITTC ^Δ	0.01276056	0.06639926	3.23E-05	0.0059016	0.25518
2w4w_SITTC ^Δ	0.02698556	0.1522342	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ^Δ	0.10147927	0.60173607	6.54E-05	0.024923	-0.14299
2w4w_SITTC ^Δ	0.10383093	0.6159262	6.56E-05	0.025296	-0.18011
2w4w_SITTC ^Δ	0.14509359	0.8649089	6.75E-05	0.023641	-0.51136
2w4w_SITTC ^Δ	0.07607357	0.44843578	6.26E-05	0.0148	0.1354
2w4w_SITTC ^Δ	0.02357972	0.13168305	3.58E-05	0.0042778	-0.073623
2w4w_SITTC ^Δ	0.01930592	0.10589453	3.40E-05	0.0046667	0.017998
2w4w_SITTC ^Δ	0.01498065	0.07979548	3.27E-05	0.0054028	0.16515
2w4w_SITTC ^Δ	0.02085564	0.11524569	3.44E-05	0.0045325	-0.023601
2w4w_SITTC ^Δ	0.14417572	0.8593704	6.75E-05	0.023623	-0.50968
2w4w_SITTC ^Δ	0.032382	0.18479684	4.27E-05	0.004099	-0.097962
2w4w_SITTC ^Δ	0.02328762	0.1299205	3.58E-05	0.0042778	-0.065623
2w4w_SITTC ^Δ	0.03768586	0.21680084	4.81E-05	0.0043756	-0.05192
2w4w_SITTC ^Δ	0.01892749	0.10361105	3.38E-05	0.004741	0.03364
2w4w_SITTC ^Δ	0.09140539	0.54094934	6.45E-05	0.021822	0.036126
2w4w_SITTC ^Δ	0.01769154	0.09615325	3.34E-05	0.0049043	0.067421
2w4w_SITTC ^Δ	0.0209269	0.1156757	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^Δ	0.02877535	0.16303395	3.97E-05	0.0040686	-0.10664
2w4w_SITTC ^Δ	0.02974283	0.16887182	4.02E-05	0.0040662	-0.10597
2w4w_SITTC ^Δ	0.13651079	0.8131195	6.72E-05	0.023527	-0.4775
2w4w_SITTC ^Δ	0.03080779	0.17529789	4.11E-05	0.0040705	-0.10299
2w4w_SITTC ^Δ	0.10105129	0.5991536	6.54E-05	0.024809	-0.13341
2w4w_SITTC ^Δ	0.01555362	0.08325286	3.28E-05	0.0052924	0.1442
2w4w_SITTC ^Δ	0.03065901	0.17440018	4.11E-05	0.0040705	-0.10475
2w4w_SITTC ^Δ	0.09571961	0.56698173	6.50E-05	0.023448	-0.035993

2w4w_SITTC ^Δ	0.01176442	0.06038845	3.22E-05	0.0061869	0.30353
2w4w_SITTC ^Δ	0.01576989	0.08455785	3.28E-05	0.0052924	0.1442
2w4w_SITTC ^Δ	0.02177724	0.12080675	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ^Δ	0.0276745	0.15639137	3.88E-05	0.0040827	-0.10472
2w4w_SITTC ^Δ	0.01663434	0.08977398	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^Δ	0.01699699	0.09196223	3.31E-05	0.0050879	0.085504
2w4w_SITTC ^Δ	0.02240558	0.12459818	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ^Δ	0.02229767	0.12394708	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ^Δ	0.07046762	0.41460896	6.19E-05	0.012376	0.11689
2w4w_SITTC ^Δ	0.04405172	0.25521302	5.38E-05	0.0050014	0.012967
2w4w_SITTC ^Δ	0.02136673	0.11832966	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^Δ	0.03099252	0.17641258	4.16E-05	0.0040771	-0.10299
2w4w_SITTC ^Δ	0.1119834	0.66511893	6.61E-05	0.025489	-0.29336
2w4w_SITTC ^Δ	0.01753504	0.09520887	3.33E-05	0.0049935	0.067421
2w4w_SITTC ^Δ	0.01600299	0.08596435	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^Δ	0.01720736	0.09323163	3.33E-05	0.0049935	0.085504
2w4w_SITTC ^Δ	0.11431168	0.679168	6.63E-05	0.025299	-0.3171
2w4w_SITTC ^Δ	0.05304789	0.3094967	5.89E-05	0.0067028	0.059084
2w4w_SITTC ^Δ	0.0185418	0.1012838	3.36E-05	0.0048202	0.050123
2w4w_SITTC ^Δ	0.00879565	0.04247463	3.19E-05	0.0070136	0.43237
2w4w_SITTC ^Δ	0.08156876	0.48159426	6.34E-05	0.017373	0.13148
2w4w_SITTC ^Δ	0.03125405	0.17799067	4.16E-05	0.0040771	-0.10299
2w4w_SITTC ^Δ	0.01856207	0.10140609	3.36E-05	0.0048202	0.050123
2w4w_SITTC ^Δ	0.11148005	0.6620817	6.61E-05	0.025525	-0.28705
2w4w_SITTC ^Δ	0.09104303	0.53876287	6.45E-05	0.021597	0.036126
2w4w_SITTC ^Δ	0.13675165	0.8145729	6.73E-05	0.023528	-0.4775
2w4w_SITTC ^Δ	0.07698261	0.453921	6.28E-05	0.015307	0.13605
2w4w_SITTC ^Δ	0.12913959	0.768641	6.70E-05	0.023692	-0.43556
2w4w_SITTC ^Δ	0.07221308	0.4251412	6.21E-05	0.01308	0.12548
2w4w_SITTC ^Δ	0.02104129	0.11636594	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^Δ	0.01712773	0.09275115	3.33E-05	0.0049935	0.085504
2w4w_SITTC ^Δ	0.01951078	0.10713071	3.40E-05	0.0046667	0.017998
2w4w_SITTC ^Δ	0.04581544	0.26585543	5.50E-05	0.0052335	0.025099
2w4w_SITTC ^Δ	0.02281499	0.12706864	3.55E-05	0.0043197	-0.056631
2w4w_SITTC ^Δ	0.01504621	0.08019107	3.27E-05	0.0054028	0.16515
2w4w_SITTC ^Δ	0.03228691	0.18422303	4.27E-05	0.004099	-0.097962
2w4w_SITTC ^Δ	0.05535761	0.3234338	5.95E-05	0.007248	0.065685
2w4w_SITTC ^Δ	0.10580292	0.6278254	6.58E-05	0.025526	-0.20623
2w4w_SITTC ^Δ	0.02385897	0.13336807	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ^Δ	0.09194147	0.5441841	6.46E-05	0.022042	0.027741
2w4w_SITTC ^Δ	0.02155213	0.11944842	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ^Δ	0.03810556	0.21933334	4.87E-05	0.0044183	-0.04622
2w4w_SITTC ^Δ	0.10109438	0.59941363	6.54E-05	0.024809	-0.13341

2w4w_SITTC ζ	0.10937112	0.6493562	6.60E-05	0.025611	-0.2602
2w4w_SITTC ζ	0.06396951	0.37539876	6.10E-05	0.0098069	0.091185
2w4w_SITTC ζ	0.0386556	0.22265233	4.92E-05	0.0044639	-0.040459
2w4w_SITTC ζ	0.03805359	0.21901971	4.81E-05	0.0043756	-0.04622
2w4w_SITTC ζ	0.00709344	0.03220333	3.19E-05	0.0075925	0.51404
2w4w_SITTC ζ	0.00709839	0.03223317	3.19E-05	0.0075925	0.51404
2w4w_SITTC ζ	0.04297536	0.24871816	5.29E-05	0.0048617	0.0036923
2w4w_SITTC ζ	0.05754937	0.33665904	6.00E-05	0.0078516	0.071569
2w4w_SITTC ζ	0.04030653	0.23261419	5.09E-05	0.0046173	-0.023154
2w4w_SITTC ζ	0.01513062	0.08070039	3.27E-05	0.0054028	0.16515
2w4w_SITTC ζ	0.09042772	0.53505	6.44E-05	0.021369	0.044278
2w4w_SITTC ζ	0.01096632	0.05557261	3.21E-05	0.006339	0.32844
2w4w_SITTC ζ	0.02566909	0.14429055	3.72E-05	0.0041509	-0.092011
2w4w_SITTC ζ	0.0247826	0.13894133	3.68E-05	0.0041768	-0.086782
2w4w_SITTC ζ	0.04867887	0.28313366	5.70E-05	0.0057827	0.041222
2w4w_SITTC ζ	0.11332353	0.6732054	6.62E-05	0.025403	-0.30551
2w4w_SITTC ζ	0.08132368	0.48011538	6.34E-05	0.017373	0.13148
2w4w_SITTC ζ	0.03698191	0.2125531	4.76E-05	0.0043355	-0.057524
2w4w_SITTC ζ	0.07590798	0.4474366	6.26E-05	0.0148	0.13453
2w4w_SITTC ζ	0.01207143	0.06224101	3.23E-05	0.0060411	0.2791
2w4w_SITTC ζ	0.09154202	0.5417738	6.45E-05	0.021822	0.027741
2w4w_SITTC ζ	0.00755219	0.03497149	3.19E-05	0.0075925	0.51404
2w4w_SITTC ζ	0.09064493	0.5363607	6.44E-05	0.021369	0.044278
2w4w_SITTC ζ	0.01628048	0.08763878	3.30E-05	0.0051875	0.12392
2w4w_SITTC ζ	0.0063139	0.0274995	3.18E-05	0.008015	0.56984
2w4w_SITTC ζ	0.01528669	0.08164218	3.27E-05	0.0054028	0.16515
2w4w_SITTC ζ	0.10228064	0.6065716	6.55E-05	0.025029	-0.15246
2w4w_SITTC ζ	0.05519389	0.32244587	5.94E-05	0.0071062	0.065685
2w4w_SITTC ζ	0.01283418	0.06684346	3.23E-05	0.0059016	0.25518
2w4w_SITTC ζ	0.01334673	0.06993625	3.24E-05	0.0057681	0.23179
2w4w_SITTC ζ	0.05904036	0.34565586	6.02E-05	0.0081753	0.075889
2w4w_SITTC ζ	0.06313558	0.37036675	6.09E-05	0.0096122	0.087254
2w4w_SITTC ζ	0.04886771	0.28427312	5.70E-05	0.0057827	0.041222
2w4w_SITTC ζ	0.06286003	0.36870405	6.08E-05	0.0094206	0.087254
2w4w_SITTC ζ	0.11683119	0.694371	6.64E-05	0.024986	-0.33868
2w4w_SITTC ζ	0.01770698	0.09624642	3.34E-05	0.0049043	0.067421
2w4w_SITTC ζ	0.01798649	0.09793299	3.34E-05	0.0049043	0.067421
2w4w_SITTC ζ	0.10133134	0.6008434	6.54E-05	0.024923	-0.13341
2w4w_SITTC ζ	0.02003366	0.11028577	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ζ	0.02407478	0.13467032	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ζ	0.02071301	0.11438509	3.44E-05	0.0045325	-0.01065
2w4w_SITTC ζ	0.04756022	0.2763836	5.64E-05	0.0055867	0.035328
2w4w_SITTC ζ	0.02572778	0.14464466	3.72E-05	0.0041509	-0.092011

2w4w_SITTC ζ	0.00957753	0.04719254	3.20E-05	0.0068348	0.4058
2w4w_SITTC ζ	0.01882837	0.10301296	3.38E-05	0.004741	0.03364
2w4w_SITTC ζ	0.0916822	0.54261965	6.45E-05	0.021822	0.027741
2w4w_SITTC ζ	0.04709861	0.2735982	5.61E-05	0.0054936	0.032113
2w4w_SITTC ζ	0.08952285	0.52958995	6.43E-05	0.020902	0.059815
2w4w_SITTC ζ	0.08518397	0.50340873	6.39E-05	0.019177	0.10916
2w4w_SITTC ζ	0.03329261	0.19029154	4.37E-05	0.0041322	-0.091175
2w4w_SITTC ζ	0.02314018	0.12903081	3.58E-05	0.0042778	-0.065623
2w4w_SITTC ζ	0.01052051	0.05288256	3.21E-05	0.0064976	0.35381
2w4w_SITTC ζ	0.10804197	0.641336	6.59E-05	0.025614	-0.23822
2w4w_SITTC ζ	0.0271435	0.15318726	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ζ	0.02209914	0.12274909	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.06875679	0.40428564	6.16E-05	0.011695	0.10977
2w4w_SITTC ζ	0.14062615	0.8379519	6.74E-05	0.023566	-0.49553
2w4w_SITTC ζ	0.01950866	0.10711789	3.40E-05	0.0046667	0.017998
2w4w_SITTC ζ	0.04945783	0.28783396	5.73E-05	0.0058857	0.04392
2w4w_SITTC ζ	0.01064338	0.05362397	3.21E-05	0.0064976	0.35381
2w4w_SITTC ζ	0.11570349	0.6875663	6.63E-05	0.025119	-0.32814
2w4w_SITTC ζ	0.03515235	0.20151341	4.54E-05	0.0042028	-0.078293
2w4w_SITTC ζ	0.02088917	0.11544802	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ζ	0.08190478	0.4836218	6.35E-05	0.017633	0.12948
2w4w_SITTC ζ	0.02220654	0.12339716	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.0182212	0.09934924	3.36E-05	0.0048202	0.050123
2w4w_SITTC ζ	0.02815577	0.15929538	3.93E-05	0.004074	-0.10603
2w4w_SITTC ζ	0.0215615	0.11950491	3.49E-05	0.0044169	-0.0356
2w4w_SITTC ζ	0.03057171	0.17387336	4.11E-05	0.0040705	-0.10475
2w4w_SITTC ζ	0.06376349	0.37415564	6.10E-05	0.0098069	0.089169
2w4w_SITTC ζ	0.01579555	0.08471268	3.28E-05	0.0052924	0.1442
2w4w_SITTC ζ	0.02124413	0.11758991	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ζ	0.10268648	0.6090205	6.55E-05	0.025127	-0.16182
2w4w_SITTC ζ	0.02614155	0.1471414	3.76E-05	0.0041286	-0.096385
2w4w_SITTC ζ	0.02748892	0.15527155	3.84E-05	0.0040947	-0.10472
2w4w_SITTC ζ	0.05505747	0.3216227	5.94E-05	0.0071062	0.064127
2w4w_SITTC ζ	0.04384633	0.25397366	5.38E-05	0.0050014	0.008455
2w4w_SITTC ζ	0.03828851	0.22043724	4.87E-05	0.0044183	-0.04622
2w4w_SITTC ζ	0.03152741	0.17964014	4.22E-05	0.0040866	-0.10071
2w4w_SITTC ζ	0.03140599	0.17890753	4.16E-05	0.0040771	-0.10071
2w4w_SITTC ζ	0.0529016	0.30861402	5.87E-05	0.0065755	0.059084
2w4w_SITTC ζ	0.00742236	0.03418804	3.19E-05	0.0075925	0.51404
2w4w_SITTC ζ	0.01307514	0.06829744	3.23E-05	0.0059016	0.25518
2w4w_SITTC ζ	0.01566157	0.08390423	3.28E-05	0.0052924	0.1442
2w4w_SITTC ζ	0.09939063	0.589133	6.53E-05	0.02442	-0.10426
2w4w_SITTC ζ	0.09202728	0.5447019	6.46E-05	0.022042	0.027741

2w4w_SITTC ^z	0.10387214	0.6161748	6.56E-05	0.025296	-0.18011
2w4w_SITTC ^z	0.07733154	0.4560265	6.28E-05	0.015307	0.13646
2w4w_SITTC ^z	0.03648523	0.20955607	4.70E-05	0.0042982	-0.062998
2w4w_SITTC ^z	0.03467401	0.19862704	4.48E-05	0.0041765	-0.078293
2w4w_SITTC ^z	0.02249578	0.12514246	3.52E-05	0.0043661	-0.056631
2w4w_SITTC ^z	0.01873882	0.10247261	3.38E-05	0.004741	0.03364
2w4w_SITTC ^z	0.0242122	0.13549954	3.64E-05	0.0042065	-0.080664
2w4w_SITTC ^z	0.01671417	0.09025569	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^z	0.09783331	0.579736	6.51E-05	0.023964	-0.074831
2w4w_SITTC ^z	0.01684471	0.09104339	3.31E-05	0.0050879	0.10435
2w4w_SITTC ^z	0.01747544	0.09484929	3.33E-05	0.0049935	0.085504
2w4w_SITTC ^z	0.03110071	0.17706542	4.16E-05	0.0040771	-0.10299
2w4w_SITTC ^z	0.01618101	0.08703853	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^z	0.09661464	0.57238245	6.50E-05	0.023626	-0.055297
2w4w_SITTC ^z	0.01947963	0.10694276	3.40E-05	0.0046667	0.017998
2w4w_SITTC ^z	0.0170788	0.09245588	3.33E-05	0.0049935	0.085504
2w4w_SITTC ^z	0.07287983	0.42916444	6.22E-05	0.01332	0.12737
2w4w_SITTC ^z	0.09929027	0.58852744	6.53E-05	0.02442	-0.10426
2w4w_SITTC ^z	0.09760397	0.57835215	6.51E-05	0.023964	-0.074831
2w4w_SITTC ^z	0.12763222	0.7595453	6.69E-05	0.023794	-0.4246
2w4w_SITTC ^z	0.01498395	0.07981541	3.27E-05	0.0054028	0.16515
2w4w_SITTC ^z	0.03402736	0.19472511	4.43E-05	0.004153	-0.087207
2w4w_SITTC ^z	0.09844582	0.58343196	6.52E-05	0.024123	-0.084641
2w4w_SITTC ^z	0.02553564	0.14348525	3.72E-05	0.0041509	-0.092011
2w4w_SITTC ^z	0.02844771	0.16105697	3.93E-05	0.004074	-0.10603
2w4w_SITTC ^z	0.0213567	0.11826917	3.47E-05	0.0044724	-0.023601
2w4w_SITTC ^z	0.01323343	0.06925259	3.24E-05	0.0057681	0.23179
2w4w_SITTC ^z	0.01797227	0.09784721	3.34E-05	0.0049043	0.067421
2w4w_SITTC ^z	0.01068871	0.0538975	3.21E-05	0.0064976	0.35381
2w4w_SITTC ^z	0.01873057	0.10242285	3.38E-05	0.004741	0.03364
2w4w_SITTC ^z	0.01802359	0.09815686	3.34E-05	0.0049043	0.067421
2w4w_SITTC ^z	0.01936688	0.10626237	3.40E-05	0.0046667	0.017998
2w4w_SITTC ^z	0.01192088	0.06133255	3.22E-05	0.0061869	0.30353
2w4w_SITTC ^z	0.03555586	0.20394818	4.59E-05	0.0042319	-0.073417
2w4w_SITTC ^z	0.01204029	0.06205308	3.23E-05	0.0060411	0.2791
2w4w_SITTC ^z	0.00366494	0.01151547	3.18E-05	0.0092049	0.71249
2w4w_SITTC ^z	0.02006989	0.1105044	3.42E-05	0.0045972	0.0032259
2w4w_SITTC ^z	0.01177807	0.06047085	3.22E-05	0.0061869	0.30353
2w4w_SITTC ^z	0.06178444	0.36221385	6.07E-05	0.0090475	0.083692
2w4w_SITTC ^z	0.02309136	0.12873624	3.55E-05	0.0043197	-0.065623
2w4w_SITTC ^z	0.02268909	0.1263089	3.55E-05	0.0043197	-0.056631
2w4w_SITTC ^z	0.0163587	0.08811076	3.30E-05	0.0051875	0.12392
2w4w_SITTC ^z	0.01542187	0.08245786	3.28E-05	0.0052924	0.1442

2w4w_SITTC ζ	0.01219433	0.06298258	3.23E-05	0.0060411	0.2791
2w4w_SITTC ζ	0.07543931	0.4446086	6.26E-05	0.014549	0.13345
2w4w_SITTC ζ	0.0163316	0.08794723	3.30E-05	0.0051875	0.12392
2w4w_SITTC ζ	0.01199093	0.06175521	3.22E-05	0.0061869	0.2791
2w4w_SITTC ζ	0.07733217	0.45603028	6.28E-05	0.015307	0.13646
2w4w_SITTC ζ	0.01492311	0.07944825	3.27E-05	0.0054028	0.16515
2w4w_SITTC ζ	0.02043827	0.11272728	3.44E-05	0.0045325	-0.01065
2w4w_SITTC ζ	0.02705164	0.15263292	3.84E-05	0.0040947	-0.10271
2w4w_SITTC ζ	0.07572039	0.44630465	6.26E-05	0.014549	0.13453
2w4w_SITTC ζ	0.0174291	0.09456962	3.33E-05	0.0049935	0.085504
2w4w_SITTC ζ	0.0114505	0.05849424	3.21E-05	0.006339	0.30353
2w4w_SITTC ζ	0.00937551	0.04597352	3.20E-05	0.0068348	0.4058
2w4w_SITTC ζ	0.00635995	0.02777739	3.18E-05	0.008015	0.56984
2w4w_SITTC ζ	0.06300806	0.3695973	6.09E-05	0.0096122	0.087254
2w4w_SITTC ζ	0.01554179	0.08318145	3.28E-05	0.0052924	0.1442
2w4w_SITTC ζ	0.02316544	0.12918326	3.58E-05	0.0042778	-0.065623
2w4w_SITTC ζ	0.06057447	0.35491282	6.05E-05	0.008688	0.07887
2w4w_SITTC ζ	0.03471966	0.1989025	4.48E-05	0.0041765	-0.078293
2w4w_SITTC ζ	0.01223672	0.06323837	3.23E-05	0.0060411	0.2791
2w4w_SITTC ζ	0.02064555	0.113978	3.44E-05	0.0045325	-0.01065
2w4w_SITTC ζ	0.0792138	0.4673842	6.31E-05	0.016335	0.13613
2w4w_SITTC ζ	0.01891502	0.10353582	3.38E-05	0.004741	0.03364
2w4w_SITTC ζ	0.02198429	0.1220561	3.49E-05	0.0044169	-0.046619
2w4w_SITTC ζ	0.01256561	0.06522291	3.23E-05	0.0059016	0.25518
2w4w_SITTC ζ	0.03685425	0.21178281	4.70E-05	0.0042982	-0.057524
2w4w_SITTC ζ	0.03769668	0.21686609	4.81E-05	0.0043756	-0.05192
2w4w_SITTC ζ	0.01070757	0.05401129	3.21E-05	0.0064976	0.35381
2w4w_SITTC ζ	0.02375218	0.13272369	3.61E-05	0.0042401	-0.073623
2w4w_SITTC ζ	0.02601263	0.14636347	3.76E-05	0.0041286	-0.096385
2w4w_SITTC ζ	0.02673703	0.15073453	3.80E-05	0.0041099	-0.099939
2w4w_SITTC ζ	0.0294762	0.16726297	4.02E-05	0.0040662	-0.10661
2w4w_SITTC ζ	0.01912591	0.10480838	3.38E-05	0.004741	0.03364
2w4w_SITTC ζ	0.02200763	0.12219691	3.52E-05	0.0043661	-0.046619
2w4w_SITTC ζ	0.01720355	0.09320865	3.33E-05	0.0049935	0.085504
2w4w_SITTD ζ	0.01300432	0.06787015	3.23E-05	0.0059016	0.25518
2w4w_SITTD ζ	0.01076321	0.05434707	3.21E-05	0.0064976	0.35381
2w4w_SITTD ζ	0.05337856	0.311492	5.89E-05	0.0067028	0.059084
2w4w_SITTD ζ	0.01823827	0.09945224	3.36E-05	0.0048202	0.050123
2w4w_SITTD ζ	0.01320603	0.06908725	3.24E-05	0.0057681	0.23179
2w4w_SITTD ζ	0.02723926	0.15376507	3.84E-05	0.0040947	-0.10271
2w4w_SITTD ζ	0.03600483	0.20665735	4.65E-05	0.0042637	-0.068307
2w4w_SITTD ζ	0.01795959	0.09777065	3.34E-05	0.0049043	0.067421
2w4w_SITTD ζ	0.09292787	0.55013615	6.46E-05	0.022258	0.010343

2w4w_SITTD	0.0097988	0.04852774	3.20E-05	0.0066628	0.37961
2w4w_SITTD	0.01783239	0.09700312	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.12644948	0.7524086	6.68E-05	0.023879	-0.41707
2w4w_SITTD	0.01813128	0.09880669	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.02288009	0.1274614	3.55E-05	0.0043197	-0.056631
2w4w_SITTD	0.01441824	0.07640184	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.01204336	0.0620716	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.02619045	0.14743643	3.76E-05	0.0041286	-0.096385
2w4w_SITTD	0.01790384	0.09743428	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.0131559	0.06878474	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.01201746	0.06191535	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.10631627	0.630923	6.58E-05	0.02556	-0.21453
2w4w_SITTD	0.07270994	0.42813933	6.22E-05	0.01332	0.12548
2w4w_SITTD	0.09172386	0.542871	6.45E-05	0.021822	0.027741
2w4w_SITTD	0.08566141	0.50628966	6.39E-05	0.019177	0.1043
2w4w_SITTD	0.09597082	0.56849754	6.50E-05	0.023448	-0.045608
2w4w_SITTD	0.05007261	0.2915436	5.76E-05	0.005992	0.046466
2w4w_SITTD	0.01424164	0.07533623	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.09414504	0.55748063	6.48E-05	0.022877	-0.0077738
2w4w_SITTD	0.07983992	0.47116223	6.32E-05	0.016594	0.13545
2w4w_SITTD	0.02121303	0.11740226	3.47E-05	0.0044724	-0.023601
2w4w_SITTD	0.07540876	0.4444242	6.26E-05	0.014549	0.13345
2w4w_SITTD	0.08739424	0.5167457	6.41E-05	0.020177	0.087329
2w4w_SITTD	0.03774492	0.2171572	4.81E-05	0.0043756	-0.05192
2w4w_SITTD	0.0652895	0.3833637	6.12E-05	0.01041	0.095509
2w4w_SITTD	0.03971165	0.22902462	4.98E-05	0.0045122	-0.028892
2w4w_SITTD	0.01353259	0.07105775	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.02103411	0.1163226	3.47E-05	0.0044724	-0.023601
2w4w_SITTD	0.01569958	0.08413356	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.02473592	0.13865969	3.64E-05	0.0042065	-0.086782
2w4w_SITTD	0.02991574	0.1699152	4.07E-05	0.0040668	-0.10597
2w4w_SITTD	0.10301012	0.61097336	6.56E-05	0.025216	-0.16182
2w4w_SITTD	0.07976219	0.47069323	6.32E-05	0.016594	0.13545
2w4w_SITTD	0.10461745	0.62067217	6.57E-05	0.025429	-0.18901
2w4w_SITTD	0.04856847	0.28246748	5.67E-05	0.0056831	0.041222
2w4w_SITTD	0.04665753	0.27093673	5.57E-05	0.0054037	0.028707
2w4w_SITTD	0.01416907	0.07489833	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.10665336	0.632957	6.58E-05	0.02556	-0.22263
2w4w_SITTD	0.06393682	0.37520152	6.10E-05	0.0098069	0.091185
2w4w_SITTD	0.00624154	0.0270629	3.18E-05	0.008015	0.56984
2w4w_SITTD	0.02033749	0.11211914	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.00747079	0.03448029	3.19E-05	0.0075925	0.51404
2w4w_SITTD	0.02591009	0.14574474	3.76E-05	0.0041286	-0.096385

2w4w_SITTD	0.01142978	0.05836922	3.21E-05	0.006339	0.30353
2w4w_SITTD	0.0498111	0.2899656	5.76E-05	0.005992	0.046466
2w4w_SITTD	0.03669303	0.21081	4.70E-05	0.0042982	-0.062998
2w4w_SITTD	0.10192692	0.6044372	6.55E-05	0.025029	-0.14299
2w4w_SITTD	0.09987299	0.59204364	6.53E-05	0.024558	-0.11403
2w4w_SITTD	0.08158815	0.48171124	6.34E-05	0.017373	0.12948
2w4w_SITTD	0.01680156	0.090783	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.01550712	0.08297227	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.07955606	0.4694494	6.31E-05	0.016335	0.13545
2w4w_SITTD	0.08158352	0.4816833	6.34E-05	0.017373	0.12948
2w4w_SITTD	0.09638953	0.5710241	6.50E-05	0.023626	-0.045608
2w4w_SITTD	0.03106757	0.17686546	4.16E-05	0.0040771	-0.10299
2w4w_SITTD	0.01429676	0.0756688	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.0893893	0.5287841	6.43E-05	0.020902	0.059815
2w4w_SITTD	0.11771561	0.6997076	6.64E-05	0.024917	-0.34876
2w4w_SITTD	0.13669603	0.81423724	6.72E-05	0.023527	-0.4775
2w4w_SITTD	0.02991086	0.16988572	4.07E-05	0.0040668	-0.10597
2w4w_SITTD	0.01280818	0.06668662	3.23E-05	0.0059016	0.25518
2w4w_SITTD	0.09936407	0.58897275	6.53E-05	0.02442	-0.10426
2w4w_SITTD	0.11609072	0.68990284	6.63E-05	0.025119	-0.33347
2w4w_SITTD	0.01930548	0.10589192	3.40E-05	0.0046667	0.017998
2w4w_SITTD	0.02050143	0.11310834	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.013129	0.06862244	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.06585096	0.3867516	6.13E-05	0.010616	0.097788
2w4w_SITTD	0.06378356	0.37427673	6.10E-05	0.0098069	0.089169
2w4w_SITTD	0.00876099	0.04226548	3.19E-05	0.0070136	0.43237
2w4w_SITTD	0.0170438	0.09224471	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.12580587	0.748525	6.68E-05	0.023927	-0.41325
2w4w_SITTD	0.09442163	0.55914956	6.48E-05	0.022877	-0.017059
2w4w_SITTD	0.01370403	0.07209221	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.09514727	0.5635282	6.49E-05	0.023073	-0.026471
2w4w_SITTD	0.03383573	0.19356877	4.43E-05	0.004153	-0.087207
2w4w_SITTD	0.04351849	0.25199544	5.33E-05	0.0049301	0.008455
2w4w_SITTD	0.03518789	0.20172784	4.54E-05	0.0042028	-0.073417
2w4w_SITTD	0.08864444	0.5242895	6.42E-05	0.020663	0.074212
2w4w_SITTD	0.00922266	0.04505122	3.19E-05	0.0070136	0.4058
2w4w_SITTD	0.10531102	0.6248572	6.57E-05	0.025482	-0.19772
2w4w_SITTD	0.03053261	0.17363742	4.11E-05	0.0040705	-0.10475
2w4w_SITTD	0.12824982	0.76327205	6.69E-05	0.023757	-0.4283
2w4w_SITTD	0.05007291	0.29154542	5.76E-05	0.005992	0.046466
2w4w_SITTD	0.04578483	0.26567072	5.50E-05	0.0052335	0.025099
2w4w_SITTD	0.01191239	0.06128133	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.02213598	0.12297139	3.52E-05	0.0043661	-0.046619

2w4w_SITTD:	0.01417362	0.07492578	3.25E-05	0.0056405	0.20898
2w4w_SITTD:	0.06048643	0.35438153	6.05E-05	0.008688	0.07887
2w4w_SITTD:	0.02306804	0.12859558	3.55E-05	0.0043197	-0.065623
2w4w_SITTD:	0.02407478	0.1346703	3.61E-05	0.0042401	-0.073623
2w4w_SITTD:	0.02590028	0.14568551	3.76E-05	0.0041286	-0.096385
2w4w_SITTD:	0.02259059	0.12571456	3.55E-05	0.0043197	-0.056631
2w4w_SITTD:	0.0101036	0.05036693	3.20E-05	0.0066628	0.37961
2w4w_SITTD:	0.01214332	0.0626748	3.23E-05	0.0060411	0.2791
2w4w_SITTD:	0.07604873	0.44828588	6.26E-05	0.0148	0.13453
2w4w_SITTD:	0.02179731	0.12092782	3.49E-05	0.0044169	-0.0356
2w4w_SITTD:	0.12913178	0.76859385	6.70E-05	0.023692	-0.43556
2w4w_SITTD:	0.02157055	0.11955956	3.49E-05	0.0044169	-0.0356
2w4w_SITTD:	0.03221043	0.18376158	4.27E-05	0.004099	-0.097962
2w4w_SITTD:	0.0224605	0.12492958	3.52E-05	0.0043661	-0.046619
2w4w_SITTD:	0.09522466	0.5639951	6.49E-05	0.023263	-0.026471
2w4w_SITTD:	0.06375214	0.37408713	6.10E-05	0.0098069	0.089169
2w4w_SITTD:	0.01425582	0.07542178	3.26E-05	0.0055188	0.18676
2w4w_SITTD:	0.03017527	0.17148122	4.07E-05	0.0040668	-0.10597
2w4w_SITTD:	0.11694377	0.6950503	6.64E-05	0.024986	-0.34377
2w4w_SITTD:	0.01159738	0.05938051	3.22E-05	0.0061869	0.30353
2w4w_SITTD:	0.08722432	0.51572037	6.41E-05	0.01993	0.087329
2w4w_SITTD:	0.01533795	0.08195148	3.28E-05	0.0052924	0.1442
2w4w_SITTD:	0.00895403	0.04343033	3.19E-05	0.0070136	0.43237
2w4w_SITTD:	0.12727839	0.7574103	6.69E-05	0.023834	-0.42086
2w4w_SITTD:	0.03011291	0.17110495	4.07E-05	0.0040668	-0.10597
2w4w_SITTD:	0.09413744	0.5574348	6.48E-05	0.022877	-0.0077738
2w4w_SITTD:	0.02655271	0.14962237	3.80E-05	0.0041099	-0.099939
2w4w_SITTD:	0.07966305	0.47009504	6.32E-05	0.016594	0.13545
2w4w_SITTD:	0.08385986	0.49541897	6.37E-05	0.01841	0.1176
2w4w_SITTD:	0.0171391	0.09281979	3.33E-05	0.0049935	0.085504
2w4w_SITTD:	0.0498029	0.28991616	5.76E-05	0.005992	0.046466
2w4w_SITTD:	0.03867452	0.22276646	4.92E-05	0.0044639	-0.040459
2w4w_SITTD:	0.03819282	0.21985988	4.87E-05	0.0044183	-0.04622
2w4w_SITTD:	0.04457031	0.2583422	5.42E-05	0.0050757	0.017239
2w4w_SITTD:	0.00740977	0.03411209	3.19E-05	0.0075925	0.51404
2w4w_SITTD:	0.02437555	0.13648514	3.64E-05	0.0042065	-0.080664
2w4w_SITTD:	0.02722517	0.15368006	3.84E-05	0.0040947	-0.10271
2w4w_SITTD:	0.06543112	0.38421825	6.12E-05	0.01041	0.095509
2w4w_SITTD:	0.12943526	0.7704251	6.70E-05	0.023692	-0.43556
2w4w_SITTD:	0.14573751	0.8687944	6.75E-05	0.02365	-0.51443
2w4w_SITTD:	0.03065807	0.17439446	4.11E-05	0.0040705	-0.10475
2w4w_SITTD:	0.09400231	0.5566194	6.48E-05	0.022676	-0.0077738
2w4w_SITTD:	0.0375611	0.21604799	4.81E-05	0.0043756	-0.05192

2w4w_SITTD	0.0180931	0.09857629	3.34E-05	0.0049043	0.050123
2w4w_SITTD	0.14121453	0.8415023	6.74E-05	0.023575	-0.4978
2w4w_SITTD	0.10496871	0.6227917	6.57E-05	0.025429	-0.19772
2w4w_SITTD	0.00918942	0.04485065	3.19E-05	0.0070136	0.43237
2w4w_SITTD	0.12267285	0.72962004	6.67E-05	0.024282	-0.38934
2w4w_SITTD	0.0552066	0.3225226	5.94E-05	0.0071062	0.065685
2w4w_SITTD	0.02339139	0.13054669	3.58E-05	0.0042778	-0.065623
2w4w_SITTD	0.02889239	0.16374022	3.97E-05	0.0040686	-0.10664
2w4w_SITTD	0.01211754	0.06251922	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.04747351	0.27586037	5.61E-05	0.0054936	0.035328
2w4w_SITTD	0.00893719	0.04332866	3.19E-05	0.0070136	0.43237
2w4w_SITTD	0.01652958	0.08914189	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.02128857	0.11785803	3.47E-05	0.0044724	-0.023601
2w4w_SITTD	0.01483012	0.07888715	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.07412202	0.43665993	6.24E-05	0.014051	0.13074
2w4w_SITTD	0.03443133	0.19716267	4.48E-05	0.0041765	-0.082901
2w4w_SITTD	0.08694992	0.51406467	6.41E-05	0.01993	0.093363
2w4w_SITTD	0.07405932	0.43628162	6.23E-05	0.013805	0.13074
2w4w_SITTD	0.09291633	0.5500665	6.46E-05	0.022258	0.010343
2w4w_SITTD	0.11837746	0.7037013	6.65E-05	0.024847	-0.35363
2w4w_SITTD	0.01251081	0.06489224	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.02569292	0.14443427	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.00956583	0.04712194	3.20E-05	0.0068348	0.4058
2w4w_SITTD	0.14242183	0.84878725	6.74E-05	0.023593	-0.50412
2w4w_SITTD	0.02408881	0.13475496	3.61E-05	0.0042401	-0.073623
2w4w_SITTD	0.0653175	0.38353267	6.12E-05	0.01041	0.095509
2w4w_SITTD	0.08191434	0.48367947	6.35E-05	0.017633	0.12948
2w4w_SITTD	0.02814072	0.15920457	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.03199851	0.18248281	4.27E-05	0.004099	-0.097962
2w4w_SITTD	0.1421918	0.8473992	6.74E-05	0.023584	-0.5021
2w4w_SITTD	0.03917844	0.22580718	4.98E-05	0.0045122	-0.034672
2w4w_SITTD	0.00826345	0.03926325	3.19E-05	0.0071994	0.45929
2w4w_SITTD	0.10710776	0.63569885	6.58E-05	0.025586	-0.23052
2w4w_SITTD	0.00661757	0.02933189	3.18E-05	0.0078	0.54183
2w4w_SITTD	0.06725719	0.3952369	6.14E-05	0.011039	0.10492
2w4w_SITTD	0.07168663	0.42196453	6.20E-05	0.012843	0.12348
2w4w_SITTD	0.01509362	0.08047716	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.09071774	0.5368	6.45E-05	0.021597	0.044278
2w4w_SITTD	0.08556213	0.5056906	6.39E-05	0.019177	0.1043
2w4w_SITTD	0.04671054	0.27125654	5.57E-05	0.0054037	0.028707
2w4w_SITTD	0.01923236	0.10545069	3.40E-05	0.0046667	0.017998
2w4w_SITTD	0.03955253	0.22806449	4.98E-05	0.0045122	-0.034672
2w4w_SITTD	0.07281077	0.4287477	6.22E-05	0.01332	0.12737

2w4w_SITTD	0.0164714	0.08879078	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.00740893	0.03410705	3.19E-05	0.0075925	0.51404
2w4w_SITTD	0.01167178	0.05982946	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.05883792	0.34443426	6.02E-05	0.0081753	0.074438
2w4w_SITTD	0.02689308	0.15167616	3.80E-05	0.0041099	-0.10271
2w4w_SITTD	0.02193428	0.1217543	3.49E-05	0.0044169	-0.046619
2w4w_SITTD	0.01328413	0.06955851	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.12454354	0.74090797	6.68E-05	0.024034	-0.40152
2w4w_SITTD	0.05018313	0.29221052	5.76E-05	0.005992	0.048868
2w4w_SITTD	0.11895046	0.70715886	6.65E-05	0.024776	-0.3584
2w4w_SITTD	0.03953617	0.22796574	4.98E-05	0.0045122	-0.034672
2w4w_SITTD	0.11975893	0.7120372	6.65E-05	0.024632	-0.36766
2w4w_SITTD	0.09282444	0.549512	6.46E-05	0.022258	0.010343
2w4w_SITTD	0.02587375	0.14552541	3.76E-05	0.0041286	-0.096385
2w4w_SITTD	0.09322587	0.5519343	6.47E-05	0.022469	0.0013661
2w4w_SITTD	0.04785625	0.2781699	5.64E-05	0.0055867	0.035328
2w4w_SITTD	0.04016337	0.23175032	5.03E-05	0.0045634	-0.023154
2w4w_SITTD	0.02151309	0.11921281	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.02239343	0.12452487	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.01436376	0.0760731	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.02464285	0.13809806	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.01598058	0.08582913	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.01409328	0.07444099	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.05515434	0.3222072	5.94E-05	0.0071062	0.065685
2w4w_SITTD	0.04353435	0.2520911	5.33E-05	0.0049301	0.008455
2w4w_SITTD	0.0198349	0.10908649	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.02255825	0.1255194	3.55E-05	0.0043197	-0.056631
2w4w_SITTD	0.01028988	0.05149093	3.20E-05	0.0066628	0.37961
2w4w_SITTD	0.02564241	0.14412953	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.01671757	0.09027619	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.04854367	0.28231782	5.67E-05	0.0056831	0.041222
2w4w_SITTD	0.01502631	0.080071	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.01928291	0.10575572	3.40E-05	0.0046667	0.017998
2w4w_SITTD	0.02270873	0.12642746	3.55E-05	0.0043197	-0.056631
2w4w_SITTD	0.11275433	0.66977084	6.62E-05	0.025448	-0.29951
2w4w_SITTD	0.02505039	0.14055718	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.01291409	0.06732569	3.23E-05	0.0059016	0.25518
2w4w_SITTD	0.09326382	0.5521633	6.47E-05	0.022469	0.0013661
2w4w_SITTD	0.01185912	0.06095987	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.02245911	0.12492119	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.04453941	0.2581558	5.42E-05	0.0050757	0.012967
2w4w_SITTD	0.07956017	0.46947423	6.31E-05	0.016335	0.13545
2w4w_SITTD	0.01222273	0.06315392	3.23E-05	0.0060411	0.2791

2w4w_SITTD:	0.02985949	0.16957581	4.07E-05	0.0040668	-0.10597
2w4w_SITTD:	0.01509744	0.08050022	3.27E-05	0.0054028	0.16515
2w4w_SITTD:	0.03242899	0.1850804	4.27E-05	0.004099	-0.094772
2w4w_SITTD:	0.03541263	0.20308395	4.59E-05	0.0042319	-0.073417
2w4w_SITTD:	0.01895918	0.1038023	3.38E-05	0.004741	0.03364
2w4w_SITTD:	0.12129044	0.7212785	6.66E-05	0.024419	-0.37656
2w4w_SITTD:	0.0245192	0.13735199	3.64E-05	0.0042065	-0.080664
2w4w_SITTD:	0.00866799	0.0417043	3.19E-05	0.0071994	0.43237
2w4w_SITTD:	0.07309387	0.43045598	6.23E-05	0.013561	0.12737
2w4w_SITTD:	0.02754234	0.15559387	3.88E-05	0.0040827	-0.10472
2w4w_SITTD:	0.02557088	0.14369792	3.72E-05	0.0041509	-0.092011
2w4w_SITTD:	0.02167047	0.12016247	3.49E-05	0.0044169	-0.0356
2w4w_SITTD:	0.03564189	0.20446731	4.59E-05	0.0042319	-0.073417
2w4w_SITTD:	0.03243865	0.18513866	4.27E-05	0.004099	-0.094772
2w4w_SITTD:	0.02211035	0.12281676	3.52E-05	0.0043661	-0.046619
2w4w_SITTD:	0.01316345	0.0688303	3.24E-05	0.0057681	0.23179
2w4w_SITTD:	0.04605252	0.267286	5.54E-05	0.0053171	0.025099
2w4w_SITTD:	0.08287317	0.48946515	6.35E-05	0.017892	0.12434
2w4w_SITTD:	0.02672967	0.15069014	3.80E-05	0.0041099	-0.099939
2w4w_SITTD:	0.08261254	0.4878925	6.35E-05	0.017892	0.1271
2w4w_SITTD:	0.01345235	0.07057355	3.24E-05	0.0057681	0.23179
2w4w_SITTD:	0.02680969	0.15117303	3.80E-05	0.0041099	-0.099939
2w4w_SITTD:	0.02107362	0.11656099	3.47E-05	0.0044724	-0.023601
2w4w_SITTD:	0.01286973	0.06705799	3.23E-05	0.0059016	0.25518
2w4w_SITTD:	0.01497722	0.07977477	3.27E-05	0.0054028	0.16515
2w4w_SITTD:	0.00974138	0.04818127	3.20E-05	0.0068348	0.4058
2w4w_SITTD:	0.0207542	0.11463361	3.44E-05	0.0045325	-0.01065
2w4w_SITTD:	0.01508093	0.08040059	3.27E-05	0.0054028	0.16515
2w4w_SITTD:	0.01942108	0.10658946	3.40E-05	0.0046667	0.017998
2w4w_SITTD:	0.02002361	0.11022515	3.42E-05	0.0045972	0.0032259
2w4w_SITTD:	0.07467477	0.4399953	6.25E-05	0.014299	0.13218
2w4w_SITTD:	0.00908248	0.04420539	3.19E-05	0.0070136	0.43237
2w4w_SITTD:	0.0547722	0.31990138	5.94E-05	0.0071062	0.064127
2w4w_SITTD:	0.02673793	0.15074	3.80E-05	0.0041099	-0.099939
2w4w_SITTD:	0.00750254	0.03467188	3.19E-05	0.0075925	0.51404
2w4w_SITTD:	0.02365753	0.13215259	3.61E-05	0.0042401	-0.073623
2w4w_SITTD:	0.02509891	0.14085	3.68E-05	0.0041768	-0.086782
2w4w_SITTD:	0.08771745	0.518696	6.41E-05	0.020177	0.080939
2w4w_SITTD:	0.09826977	0.5823696	6.52E-05	0.024123	-0.084641
2w4w_SITTD:	0.01504347	0.08017454	3.27E-05	0.0054028	0.16515
2w4w_SITTD:	0.01040477	0.05218422	3.21E-05	0.0064976	0.35381
2w4w_SITTD:	0.0169541	0.09170348	3.31E-05	0.0050879	0.085504
2w4w_SITTD:	0.02143946	0.11876854	3.49E-05	0.0044169	-0.0356

2w4w_SITTD	0.02032942	0.11207043	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.07802036	0.46018285	6.29E-05	0.015819	0.13662
2w4w_SITTD	0.01651243	0.0890384	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.02442804	0.13680188	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.01614395	0.08681493	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.05456417	0.31864607	5.92E-05	0.0069681	0.064127
2w4w_SITTD	0.01332624	0.0698126	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.02755147	0.15564899	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.02447248	0.13707004	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.09540985	0.5651126	6.49E-05	0.023263	-0.035993
2w4w_SITTD	0.00687948	0.03091228	3.18E-05	0.0078	0.54183
2w4w_SITTD	0.0207879	0.11483698	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.01592212	0.0854764	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.11088637	0.65849936	6.61E-05	0.025556	-0.28058
2w4w_SITTD	0.01296653	0.0676421	3.23E-05	0.0059016	0.25518
2w4w_SITTD	0.074906	0.44139054	6.25E-05	0.014299	0.13218
2w4w_SITTD	0.01984716	0.10916045	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.01827278	0.09966048	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.03501025	0.2006559	4.54E-05	0.0042028	-0.078293
2w4w_SITTD	0.11914739	0.70834714	6.65E-05	0.024704	-0.36308
2w4w_SITTD	0.1164318	0.69196105	6.64E-05	0.025054	-0.33868
2w4w_SITTD	0.02230007	0.12396153	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.06269211	0.3676908	6.08E-05	0.0094206	0.085432
2w4w_SITTD	0.09522975	0.5640259	6.49E-05	0.023263	-0.026471
2w4w_SITTD	0.07623018	0.44938076	6.26E-05	0.0148	0.1354
2w4w_SITTD	0.02047447	0.11294571	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.11241375	0.6677157	6.62E-05	0.025448	-0.29336
2w4w_SITTD	0.01457343	0.07733826	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.03317383	0.18957481	4.37E-05	0.0041322	-0.091175
2w4w_SITTD	0.02399317	0.13417785	3.61E-05	0.0042401	-0.073623
2w4w_SITTD	0.10229706	0.6066707	6.55E-05	0.025029	-0.15246
2w4w_SITTD	0.01095492	0.05550385	3.21E-05	0.006339	0.32844
2w4w_SITTD	0.01605213	0.08626089	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.08135582	0.48030934	6.34E-05	0.017373	0.13148
2w4w_SITTD	0.00980403	0.04855929	3.20E-05	0.0066628	0.37961
2w4w_SITTD	0.01748535	0.09490907	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.0257241	0.14462247	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.02916812	0.165404	3.97E-05	0.0040686	-0.10661
2w4w_SITTD	0.01870191	0.10224989	3.38E-05	0.004741	0.03364
2w4w_SITTD	0.05345871	0.31197563	5.89E-05	0.0067028	0.060836
2w4w_SITTD	0.01320344	0.06907161	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.01311476	0.06853651	3.23E-05	0.0059016	0.23179
2w4w_SITTD	0.09121873	0.539823	6.45E-05	0.021597	0.036126

2w4w_SITTD	0.13030359	0.7756647	6.70E-05	0.02364	-0.44263
2w4w_SITTD	0.03122038	0.17778751	4.16E-05	0.0040771	-0.10299
2w4w_SITTD	0.01958933	0.10760469	3.40E-05	0.0046667	0.017998
2w4w_SITTD	0.08121827	0.47947934	6.33E-05	0.017113	0.13148
2w4w_SITTD	0.01675419	0.09049716	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.01325764	0.06939865	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.10470072	0.62117463	6.57E-05	0.025429	-0.18901
2w4w_SITTD	0.02081648	0.11500941	3.44E-05	0.0045325	-0.023601
2w4w_SITTD	0.02584078	0.14532652	3.72E-05	0.0041509	-0.096385
2w4w_SITTD	0.14166602	0.84422666	6.74E-05	0.023575	-0.49999
2w4w_SITTD	0.09094841	0.5381919	6.45E-05	0.021597	0.044278
2w4w_SITTD	0.0117052	0.06003108	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.09101788	0.53861105	6.45E-05	0.021597	0.036126
2w4w_SITTD	0.02854768	0.1616602	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.09719838	0.5759048	6.51E-05	0.023799	-0.065044
2w4w_SITTD	0.02498238	0.14014684	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.0143024	0.07570285	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.02851482	0.16146192	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.04026634	0.23237166	5.03E-05	0.0045634	-0.023154
2w4w_SITTD	0.02033879	0.11212698	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.0535412	0.31247336	5.89E-05	0.0067028	0.060836
2w4w_SITTD	0.06897415	0.40559724	6.16E-05	0.011695	0.11218
2w4w_SITTD	0.1217706	0.7241758	6.66E-05	0.02435	-0.38089
2w4w_SITTD	0.01529238	0.0816765	3.27E-05	0.0054028	0.1442
2w4w_SITTD	0.01392443	0.07342212	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.0105385	0.05299116	3.21E-05	0.0064976	0.35381
2w4w_SITTD	0.02285026	0.12728144	3.55E-05	0.0043197	-0.056631
2w4w_SITTD	0.01076913	0.05438275	3.21E-05	0.0064976	0.35381
2w4w_SITTD	0.02789224	0.15770519	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.0515844	0.3006659	5.83E-05	0.0063316	0.053285
2w4w_SITTD	0.11565861	0.6872955	6.63E-05	0.025119	-0.32814
2w4w_SITTD	0.02010339	0.11070658	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.06962122	0.4095017	6.17E-05	0.01192	0.11455
2w4w_SITTD	0.01902309	0.10418797	3.38E-05	0.004741	0.03364
2w4w_SITTD	0.02231293	0.12403913	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.02083083	0.11509603	3.44E-05	0.0045325	-0.023601
2w4w_SITTD	0.01650509	0.08899409	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.01389715	0.07325754	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.03478263	0.19928245	4.54E-05	0.0042028	-0.078293
2w4w_SITTD	0.03520085	0.20180605	4.54E-05	0.0042028	-0.073417
2w4w_SITTD	0.02423311	0.13562566	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.04973153	0.2894855	5.76E-05	0.005992	0.046466
2w4w_SITTD	0.01524664	0.08140046	3.27E-05	0.0054028	0.16515

2w4w_SITTD:	0.06467504	0.37965602	6.11E-05	0.010206	0.093303
2w4w_SITTD:	0.01308438	0.06835318	3.23E-05	0.0059016	0.23179
2w4w_SITTD:	0.00641825	0.02812917	3.18E-05	0.008015	0.56984
2w4w_SITTD:	0.00513003	0.02035595	3.18E-05	0.0084677	0.62647
2w4w_SITTD:	0.02359256	0.13176054	3.58E-05	0.0042778	-0.073623
2w4w_SITTD:	0.02048492	0.11300874	3.44E-05	0.0045325	-0.01065
2w4w_SITTD:	0.01332195	0.06978674	3.24E-05	0.0057681	0.23179
2w4w_SITTD:	0.0172445	0.09345576	3.33E-05	0.0049935	0.085504
2w4w_SITTD:	0.00988822	0.0490673	3.20E-05	0.0066628	0.37961
2w4w_SITTD:	0.02723303	0.15372749	3.84E-05	0.0040947	-0.10271
2w4w_SITTD:	0.06181525	0.3623998	6.07E-05	0.0090475	0.083692
2w4w_SITTD:	0.09252732	0.5477191	6.46E-05	0.022258	0.019141
2w4w_SITTD:	0.11037047	0.6553864	6.60E-05	0.02558	-0.27396
2w4w_SITTD:	0.06541818	0.38414013	6.12E-05	0.01041	0.095509
2w4w_SITTD:	0.01241922	0.06433956	3.23E-05	0.0060411	0.2791
2w4w_SITTD:	0.01636306	0.08813705	3.30E-05	0.0051875	0.12392
2w4w_SITTD:	0.05119159	0.29829565	5.81E-05	0.006215	0.051138
2w4w_SITTD:	0.02349217	0.1311548	3.58E-05	0.0042778	-0.065623
2w4w_SITTD:	0.02180577	0.12097889	3.49E-05	0.0044169	-0.0356
2w4w_SITTD:	0.05593412	0.32691252	5.97E-05	0.0073934	0.067199
2w4w_SITTD:	0.01899902	0.10404271	3.38E-05	0.004741	0.03364
2w4w_SITTD:	0.01218643	0.06293491	3.23E-05	0.0060411	0.2791
2w4w_SITTD:	0.01289874	0.06723303	3.23E-05	0.0059016	0.25518
2w4w_SITTD:	0.02624668	0.14777574	3.76E-05	0.0041286	-0.096385
2w4w_SITTD:	0.01691163	0.0914472	3.31E-05	0.0050879	0.10435
2w4w_SITTD:	0.03882933	0.2237006	4.92E-05	0.0044639	-0.040459
2w4w_SITTD:	0.0215964	0.11971552	3.49E-05	0.0044169	-0.0356
2w4w_SITTD:	0.00790888	0.03712374	3.19E-05	0.0073923	0.48652
2w4w_SITTD:	0.09074213	0.5369472	6.45E-05	0.021597	0.044278
2w4w_SITTD:	0.08809472	0.52097243	6.42E-05	0.020421	0.080939
2w4w_SITTD:	0.02245005	0.12486655	3.52E-05	0.0043661	-0.046619
2w4w_SITTD:	0.01174515	0.06027217	3.22E-05	0.0061869	0.30353
2w4w_SITTD:	0.02309308	0.12874663	3.55E-05	0.0043197	-0.065623
2w4w_SITTD:	0.01611433	0.0866362	3.30E-05	0.0051875	0.12392
2w4w_SITTD:	0.01713747	0.09280994	3.33E-05	0.0049935	0.085504
2w4w_SITTD:	0.02264815	0.12606187	3.55E-05	0.0043197	-0.056631
2w4w_SITTD:	0.01370156	0.07207732	3.25E-05	0.0056405	0.20898
2w4w_SITTD:	0.02702394	0.15246579	3.84E-05	0.0040947	-0.10271
2w4w_SITTD:	0.02458209	0.13773148	3.64E-05	0.0042065	-0.080664
2w4w_SITTD:	0.0836753	0.49430528	6.37E-05	0.01841	0.12117
2w4w_SITTD:	0.01345012	0.07056014	3.24E-05	0.0057681	0.23179
2w4w_SITTD:	0.01703314	0.0921804	3.33E-05	0.0049935	0.085504
2w4w_SITTD:	0.09150109	0.5415268	6.45E-05	0.021822	0.036126

2w4w_SITTD	0.03848461	0.22162057	4.87E-05	0.0044183	-0.04622
2w4w_SITTD	0.01321875	0.069164	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.0630697	0.36996925	6.09E-05	0.0096122	0.087254
2w4w_SITTD	0.0539834	0.31514165	5.91E-05	0.0068337	0.062513
2w4w_SITTD	0.04615486	0.26790357	5.54E-05	0.0053171	0.025099
2w4w_SITTD	0.02931678	0.16630101	4.02E-05	0.0040662	-0.10661
2w4w_SITTD	0.02162811	0.11990686	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.04801438	0.27912408	5.64E-05	0.0055867	0.038361
2w4w_SITTD	0.05103529	0.29735246	5.81E-05	0.006215	0.051138
2w4w_SITTD	0.04313507	0.24968188	5.33E-05	0.0049301	0.0036923
2w4w_SITTD	0.0279623	0.15812796	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.01565598	0.08387048	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.05438104	0.31754106	5.92E-05	0.0069681	0.062513
2w4w_SITTD	0.01454911	0.0771915	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.04091077	0.23626024	5.14E-05	0.0046741	-0.017493
2w4w_SITTD	0.02622647	0.14765377	3.76E-05	0.0041286	-0.096385
2w4w_SITTD	0.01974194	0.10852553	3.40E-05	0.0046667	0.0032259
2w4w_SITTD	0.08643645	0.5109663	6.40E-05	0.019681	0.099025
2w4w_SITTD	0.02119568	0.11729755	3.47E-05	0.0044724	-0.023601
2w4w_SITTD	0.01705978	0.09234111	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.11004045	0.653395	6.60E-05	0.025599	-0.26716
2w4w_SITTD	0.07537063	0.44419417	6.26E-05	0.014549	0.13345
2w4w_SITTD	0.0162721	0.08758823	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.02034059	0.11213785	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.05604123	0.32755882	5.97E-05	0.0073934	0.067199
2w4w_SITTD	0.01623861	0.08738611	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.03827143	0.22033419	4.87E-05	0.0044183	-0.04622
2w4w_SITTD	0.01708679	0.09250411	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.02956553	0.167802	4.02E-05	0.0040662	-0.10661
2w4w_SITTD	0.04312306	0.24960938	5.33E-05	0.0049301	0.0036923
2w4w_SITTD	0.01238812	0.06415193	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.01918014	0.10513556	3.38E-05	0.004741	0.017998
2w4w_SITTD	0.01226575	0.06341352	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.02966932	0.16842827	4.02E-05	0.0040662	-0.10597
2w4w_SITTD	0.0633033	0.3713788	6.09E-05	0.0096122	0.087254
2w4w_SITTD	0.01494335	0.07957038	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.09131109	0.54038036	6.45E-05	0.021822	0.036126
2w4w_SITTD	0.09212763	0.5453074	6.46E-05	0.022042	0.019141
2w4w_SITTD	0.01563004	0.08371393	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.02600262	0.14630304	3.76E-05	0.0041286	-0.096385
2w4w_SITTD	0.02543968	0.14290622	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.01539279	0.08228235	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.03799506	0.21866658	4.81E-05	0.0043756	-0.04622

2w4w_SITTD	0.02466626	0.13823934	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.03023445	0.17183834	4.07E-05	0.0040668	-0.10475
2w4w_SITTD	0.08553737	0.50554115	6.39E-05	0.019177	0.1043
2w4w_SITTD	0.00559003	0.0231316	3.18E-05	0.0082375	0.59807
2w4w_SITTD	0.1367803	0.8147458	6.73E-05	0.023528	-0.4775
2w4w_SITTD	0.0204706	0.11292236	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.08522493	0.50365585	6.39E-05	0.019177	0.10916
2w4w_SITTD	0.02128978	0.11786534	3.47E-05	0.0044724	-0.023601
2w4w_SITTD	0.02774593	0.15682238	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.05567332	0.32533884	5.95E-05	0.007248	0.067199
2w4w_SITTD	0.01791062	0.09747519	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.02326891	0.12980762	3.58E-05	0.0042778	-0.065623
2w4w_SITTD	0.02935397	0.16652542	4.02E-05	0.0040662	-0.10661
2w4w_SITTD	0.0807097	0.47641063	6.32E-05	0.016854	0.13314
2w4w_SITTD	0.0248557	0.13938242	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.01706061	0.09234617	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.02052211	0.11323316	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.04701581	0.27309856	5.61E-05	0.0054936	0.032113
2w4w_SITTD	0.02821461	0.15965043	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.00731987	0.03356966	3.19E-05	0.0075925	0.51404
2w4w_SITTD	0.0231102	0.12884992	3.58E-05	0.0042778	-0.065623
2w4w_SITTD	0.01857966	0.10151223	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.01347151	0.07068919	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.05711803	0.33405632	5.99E-05	0.0076952	0.070131
2w4w_SITTD	0.09527437	0.5642951	6.49E-05	0.023263	-0.026471
2w4w_SITTD	0.01743883	0.09462837	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.0850554	0.5026329	6.38E-05	0.018923	0.10916
2w4w_SITTD	0.02772436	0.15669218	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.02740981	0.15479417	3.84E-05	0.0040947	-0.10271
2w4w_SITTD	0.01645735	0.08870599	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.06092175	0.3570083	6.06E-05	0.008866	0.080421
2w4w_SITTD	0.13653815	0.8132846	6.72E-05	0.023527	-0.4775
2w4w_SITTD	0.13819925	0.8233078	6.73E-05	0.023534	-0.48567
2w4w_SITTD	0.04658247	0.2704838	5.57E-05	0.0054037	0.028707
2w4w_SITTD	0.03231011	0.18436305	4.27E-05	0.004099	-0.097962
2w4w_SITTD	0.02775377	0.15686963	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.02836926	0.16058357	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.010379	0.05202868	3.21E-05	0.0064976	0.35381
2w4w_SITTD	0.01417208	0.07491649	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.09357063	0.55401456	6.48E-05	0.022676	0.0013661
2w4w_SITTD	0.02544478	0.14293699	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.02626427	0.14788191	3.76E-05	0.0041286	-0.096385
2w4w_SITTD	0.12830612	0.76361173	6.69E-05	0.023757	-0.4283

2w4w_SITTD	0.01581493	0.08482957	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.0219122	0.12162109	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.02189767	0.12153339	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.01171261	0.06007584	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.0306069	0.17408569	4.11E-05	0.0040705	-0.10475
2w4w_SITTD	0.02445344	0.13695514	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.09701382	0.57479113	6.51E-05	0.023799	-0.055297
2w4w_SITTD	0.01780423	0.09683323	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.07525198	0.44347823	6.26E-05	0.014549	0.13345
2w4w_SITTD	0.01556073	0.08329576	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.02815412	0.15928544	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.02518924	0.14139503	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.07962187	0.46984655	6.31E-05	0.016335	0.13545
2w4w_SITTD	0.0222464	0.1236377	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.02988023	0.16970092	4.07E-05	0.0040668	-0.10597
2w4w_SITTD	0.07129342	0.4195919	6.20E-05	0.012608	0.12136
2w4w_SITTD	0.02288544	0.12749371	3.55E-05	0.0043197	-0.056631
2w4w_SITTD	0.03459387	0.19814347	4.48E-05	0.0041765	-0.082901
2w4w_SITTD	0.12983623	0.77284455	6.70E-05	0.023664	-0.43912
2w4w_SITTD	0.01484529	0.07897869	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.01464988	0.07779957	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.0108207	0.05469395	3.21E-05	0.0064976	0.35381
2w4w_SITTD	0.01639109	0.08830621	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.02899844	0.16438012	3.97E-05	0.0040686	-0.10664
2w4w_SITTD	0.03794501	0.21836452	4.81E-05	0.0043756	-0.04622
2w4w_SITTD	0.02497572	0.14010665	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.05585552	0.32643825	5.97E-05	0.0073934	0.067199
2w4w_SITTD	0.01442893	0.07646634	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.02669451	0.15047798	3.80E-05	0.0041099	-0.099939
2w4w_SITTD	0.09807729	0.5812082	6.52E-05	0.024123	-0.074831
2w4w_SITTD	0.02849653	0.16135153	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.02494527	0.13992293	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.01169777	0.0599863	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.01778862	0.09673905	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.02841721	0.16087294	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.06789511	0.3990862	6.15E-05	0.011255	0.10734
2w4w_SITTD	0.00519177	0.02072847	3.18E-05	0.0084677	0.62647
2w4w_SITTD	0.09224773	0.5460321	6.46E-05	0.022042	0.019141
2w4w_SITTD	0.01186726	0.06100901	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.02509154	0.14080551	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.02179071	0.12088801	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.12519516	0.7448399	6.68E-05	0.023978	-0.40548
2w4w_SITTD	0.02644393	0.14896594	3.80E-05	0.0041099	-0.099939

2w4w_SITTD	0.12662499	0.7534676	6.68E-05	0.023879	-0.41707
2w4w_SITTD	0.03265419	0.18643923	4.32E-05	0.0041142	-0.094772
2w4w_SITTD	0.01313625	0.06866618	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.0973399	0.57675874	6.51E-05	0.023799	-0.065044
2w4w_SITTD	0.05078896	0.2958661	5.78E-05	0.0061018	0.051138
2w4w_SITTD	0.02018658	0.11120853	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.01446224	0.07666737	3.26E-05	0.0055188	0.18676
2w4w_SITTD	0.01786516	0.09720086	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.12083367	0.71852225	6.66E-05	0.02449	-0.37656
2w4w_SITTD	0.05086052	0.29629794	5.81E-05	0.006215	0.051138
2w4w_SITTD	0.07507746	0.44242513	6.25E-05	0.014299	0.13345
2w4w_SITTD	0.0882623	0.5219836	6.42E-05	0.020421	0.074212
2w4w_SITTD	0.09042225	0.535017	6.44E-05	0.021369	0.044278
2w4w_SITTD	0.02984616	0.16949536	4.07E-05	0.0040668	-0.10597
2w4w_SITTD	0.03368277	0.19264579	4.43E-05	0.004153	-0.087207
2w4w_SITTD	0.04880671	0.28390506	5.70E-05	0.0057827	0.041222
2w4w_SITTD	0.01746397	0.09478006	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.03236528	0.18469596	4.27E-05	0.004099	-0.097962
2w4w_SITTD	0.00463584	0.01737393	3.18E-05	0.0087056	0.65503
2w4w_SITTD	0.08464751	0.50017166	6.38E-05	0.018923	0.1136
2w4w_SITTD	0.00945726	0.04646684	3.20E-05	0.0068348	0.4058
2w4w_SITTD	0.03084218	0.17550543	4.11E-05	0.0040705	-0.10299
2w4w_SITTD	0.0206834	0.11420643	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.05523007	0.3226642	5.94E-05	0.0071062	0.065685
2w4w_SITTD	0.02849548	0.1613452	3.93E-05	0.004074	-0.10603
2w4w_SITTD	0.05784958	0.33847052	6.00E-05	0.0078516	0.073002
2w4w_SITTD	0.10580444	0.62783456	6.58E-05	0.025526	-0.20623
2w4w_SITTD	0.00784807	0.03675682	3.19E-05	0.0073923	0.48652
2w4w_SITTD	0.01141158	0.05825939	3.21E-05	0.006339	0.32844
2w4w_SITTD	0.02782853	0.15732078	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.00828082	0.0393681	3.19E-05	0.0071994	0.45929
2w4w_SITTD	0.08169938	0.48238242	6.34E-05	0.017373	0.12948
2w4w_SITTD	0.01351643	0.07096022	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.02906948	0.16480881	3.97E-05	0.0040686	-0.10664
2w4w_SITTD	0.03777963	0.21736665	4.81E-05	0.0043756	-0.05192
2w4w_SITTD	0.03523001	0.20198202	4.54E-05	0.0042028	-0.073417
2w4w_SITTD	0.0985913	0.58430976	6.52E-05	0.024275	-0.084641
2w4w_SITTD	0.01500745	0.07995718	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.08909304	0.52699643	6.43E-05	0.020902	0.067165
2w4w_SITTD	0.04741348	0.27549815	5.61E-05	0.0054936	0.035328
2w4w_SITTD	0.00897988	0.04358631	3.19E-05	0.0070136	0.43237
2w4w_SITTD	0.02538407	0.14257067	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.0977497	0.57923144	6.51E-05	0.023964	-0.074831

2w4w_SITTD	0.00639752	0.02800406	3.18E-05	0.008015	0.56984
2w4w_SITTD	0.03002115	0.17055126	4.07E-05	0.0040668	-0.10597
2w4w_SITTD	0.02265511	0.12610385	3.55E-05	0.0043197	-0.056631
2w4w_SITTD	0.01986234	0.10925204	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.01855615	0.10137039	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.06129149	0.35923937	6.06E-05	0.008866	0.082025
2w4w_SITTD	0.01116332	0.05676137	3.21E-05	0.006339	0.32844
2w4w_SITTD	0.0216986	0.1203322	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.01667469	0.09001746	3.31E-05	0.0050879	0.10435
2w4w_SITTD	0.05698005	0.33322373	5.99E-05	0.0076952	0.070131
2w4w_SITTD	0.08510529	0.502934	6.38E-05	0.018923	0.10916
2w4w_SITTD	0.02714174	0.15317664	3.84E-05	0.0040947	-0.10271
2w4w_SITTD	0.01496001	0.07967092	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.0148548	0.07903609	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.02000191	0.11009423	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.01037809	0.05202318	3.21E-05	0.0064976	0.35381
2w4w_SITTD	0.05432931	0.3172289	5.92E-05	0.0069681	0.062513
2w4w_SITTD	0.03525609	0.20213935	4.54E-05	0.0042028	-0.073417
2w4w_SITTD	0.05134814	0.29924026	5.81E-05	0.006215	0.053285
2w4w_SITTD	0.05022331	0.29245293	5.76E-05	0.005992	0.048868
2w4w_SITTD	0.00778886	0.03639954	3.19E-05	0.0073923	0.48652
2w4w_SITTD	0.06086159	0.35664532	6.06E-05	0.008866	0.080421
2w4w_SITTD	0.03084089	0.17549764	4.11E-05	0.0040705	-0.10299
2w4w_SITTD	0.02785692	0.15749207	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.01153716	0.05901716	3.22E-05	0.0061869	0.30353
2w4w_SITTD	0.0151759	0.08097361	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.05644857	0.33001673	5.98E-05	0.0075425	0.068678
2w4w_SITTD	0.02500135	0.14026128	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.01003472	0.04995126	3.20E-05	0.0066628	0.37961
2w4w_SITTD	0.07774421	0.45851654	6.29E-05	0.015562	0.13662
2w4w_SITTD	0.00367125	0.01155353	3.18E-05	0.0092049	0.71249
2w4w_SITTD	0.06131634	0.3593893	6.06E-05	0.008866	0.082025
2w4w_SITTD	0.01278552	0.06654984	3.23E-05	0.0059016	0.25518
2w4w_SITTD	0.01131606	0.05768299	3.21E-05	0.006339	0.32844
2w4w_SITTD	0.09321781	0.55188566	6.47E-05	0.022469	0.0013661
2w4w_SITTD	0.05190882	0.30262345	5.83E-05	0.0063316	0.055318
2w4w_SITTD	0.00493835	0.01919932	3.18E-05	0.0084677	0.62647
2w4w_SITTD	0.01821698	0.09932382	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.02725744	0.15387474	3.84E-05	0.0040947	-0.10271
2w4w_SITTD	0.09307084	0.55099887	6.47E-05	0.022469	0.010343
2w4w_SITTD	0.09701966	0.57482636	6.51E-05	0.023799	-0.055297
2w4w_SITTD	0.05852865	0.34256813	6.01E-05	0.0080116	0.074438
2w4w_SITTD	0.05037445	0.2933649	5.78E-05	0.0061018	0.048868

2w4w_SITTD	0.02212771	0.1229215	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.03420851	0.19581819	4.48E-05	0.0041765	-0.082901
2w4w_SITTD	0.12249155	0.7285261	6.67E-05	0.024282	-0.38934
2w4w_SITTD	0.08048723	0.47506818	6.32E-05	0.016854	0.13314
2w4w_SITTD	0.01859986	0.10163416	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.04033341	0.23277637	5.09E-05	0.0046173	-0.023154
2w4w_SITTD	0.00764242	0.03551595	3.19E-05	0.0073923	0.48652
2w4w_SITTD	0.08437504	0.4985276	6.37E-05	0.018667	0.1136
2w4w_SITTD	0.03957133	0.22817789	4.98E-05	0.0045122	-0.034672
2w4w_SITTD	0.01552623	0.08308756	3.28E-05	0.0052924	0.1442
2w4w_SITTD	0.01958785	0.10759576	3.40E-05	0.0046667	0.017998
2w4w_SITTD	0.02349639	0.13118023	3.58E-05	0.0042778	-0.065623
2w4w_SITTD	0.01368957	0.07200499	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.05414355	0.31610805	5.92E-05	0.0069681	0.062513
2w4w_SITTD	0.02040698	0.11253846	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.09408566	0.55712235	6.48E-05	0.022877	-0.0077738
2w4w_SITTD	0.0204841	0.11300379	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.02689007	0.151658	3.80E-05	0.0041099	-0.099939
2w4w_SITTD	0.0153011	0.08172908	3.27E-05	0.0054028	0.1442
2w4w_SITTD	0.01507182	0.08034559	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.01724253	0.09344385	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.01104139	0.05602561	3.21E-05	0.006339	0.32844
2w4w_SITTD	0.10711119	0.63571954	6.58E-05	0.025586	-0.23052
2w4w_SITTD	0.01772073	0.09632935	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.04940843	0.2875359	5.73E-05	0.0058857	0.04392
2w4w_SITTD	0.05486387	0.3204545	5.94E-05	0.0071062	0.064127
2w4w_SITTD	0.09002508	0.53262043	6.44E-05	0.021137	0.05218
2w4w_SITTD	0.04246056	0.24561177	5.24E-05	0.0047963	-0.0013165
2w4w_SITTD	0.10317475	0.6119667	6.56E-05	0.025216	-0.17104
2w4w_SITTD	0.02473008	0.13862444	3.64E-05	0.0042065	-0.086782
2w4w_SITTD	0.0870014	0.51437527	6.41E-05	0.01993	0.093363
2w4w_SITTD	0.09497583	0.5624937	6.49E-05	0.023073	-0.026471
2w4w_SITTD	0.01485136	0.07901534	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.01993816	0.10970953	3.42E-05	0.0045972	0.0032259
2w4w_SITTD	0.01483847	0.07893758	3.27E-05	0.0054028	0.16515
2w4w_SITTD	0.01364389	0.07172933	3.24E-05	0.0057681	0.20898
2w4w_SITTD	0.03302569	0.18868095	4.32E-05	0.0041142	-0.091175
2w4w_SITTD	0.06198893	0.3634478	6.07E-05	0.0092324	0.083692
2w4w_SITTD	0.09196955	0.54435354	6.46E-05	0.022042	0.027741
2w4w_SITTD	0.0595966	0.34901223	6.03E-05	0.0083426	0.077363
2w4w_SITTD	0.03089861	0.17584589	4.16E-05	0.0040771	-0.10299
2w4w_SITTD	0.01375065	0.07237352	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.07519084	0.44310927	6.25E-05	0.014299	0.13345

2w4w_SITTD	0.02951763	0.16751295	4.02E-05	0.0040662	-0.10661
2w4w_SITTD	0.01382728	0.07283593	3.25E-05	0.0056405	0.20898
2w4w_SITTD	0.10971784	0.65144837	6.60E-05	0.025599	-0.2602
2w4w_SITTD	0.01720494	0.09321705	3.33E-05	0.0049935	0.085504
2w4w_SITTD	0.0278927	0.15770797	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.02442083	0.13675842	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.08074615	0.47663057	6.33E-05	0.017113	0.13314
2w4w_SITTD	0.02060621	0.1137406	3.44E-05	0.0045325	-0.01065
2w4w_SITTD	0.11794453	0.70108896	6.65E-05	0.024847	-0.34876
2w4w_SITTD	0.03252987	0.18568909	4.32E-05	0.0041142	-0.094772
2w4w_SITTD	0.04635067	0.2690851	5.54E-05	0.0053171	0.028707
2w4w_SITTD	0.03471384	0.19886734	4.48E-05	0.0041765	-0.078293
2w4w_SITTD	0.02544993	0.14296807	3.72E-05	0.0041509	-0.092011
2w4w_SITTD	0.00452036	0.01667713	3.18E-05	0.0087056	0.65503
2w4w_SITTD	0.09917137	0.58781	6.53E-05	0.02442	-0.094455
2w4w_SITTD	0.09299257	0.55052656	6.47E-05	0.022469	0.010343
2w4w_SITTD	0.10368127	0.61502314	6.56E-05	0.025296	-0.18011
2w4w_SITTD	0.01289136	0.06718853	3.23E-05	0.0059016	0.25518
2w4w_SITTD	0.08647826	0.5112186	6.40E-05	0.019681	0.099025
2w4w_SITTD	0.00735191	0.03376293	3.19E-05	0.0075925	0.51404
2w4w_SITTD	0.12319986	0.73280007	6.67E-05	0.024217	-0.39346
2w4w_SITTD	0.01235327	0.06394163	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.02608211	0.14678273	3.76E-05	0.0041286	-0.096385
2w4w_SITTD	0.02487084	0.13947378	3.68E-05	0.0041768	-0.086782
2w4w_SITTD	0.01124255	0.05723945	3.21E-05	0.006339	0.32844
2w4w_SITTD	0.01214859	0.0627066	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.01912114	0.10477954	3.38E-05	0.004741	0.03364
2w4w_SITTD	0.1147425	0.6817676	6.63E-05	0.025242	-0.32268
2w4w_SITTD	0.05406701	0.3156462	5.91E-05	0.0068337	0.062513
2w4w_SITTD	0.11102253	0.659321	6.61E-05	0.025556	-0.28058
2w4w_SITTD	0.01792997	0.09759194	3.34E-05	0.0049043	0.067421
2w4w_SITTD	0.09507459	0.56308967	6.49E-05	0.023073	-0.026471
2w4w_SITTD	0.02641053	0.14876445	3.76E-05	0.0041286	-0.099939
2w4w_SITTD	0.01869886	0.10223151	3.38E-05	0.004741	0.03364
2w4w_SITTD	0.01058423	0.05326706	3.21E-05	0.0064976	0.35381
2w4w_SITTD	0.02949557	0.16737984	4.02E-05	0.0040662	-0.10661
2w4w_SITTD	0.02766355	0.15632528	3.88E-05	0.0040827	-0.10472
2w4w_SITTD	0.10774486	0.6395432	6.59E-05	0.025604	-0.23822
2w4w_SITTD	0.01824657	0.09950234	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.10242342	0.60743314	6.55E-05	0.025127	-0.15246
2w4w_SITTD	0.01890267	0.10346132	3.38E-05	0.004741	0.03364
2w4w_SITTD	0.02375929	0.13276659	3.61E-05	0.0042401	-0.073623
2w4w_SITTD	0.02410007	0.13482293	3.61E-05	0.0042401	-0.073623

2w4w_SITTD	0.02187861	0.12141839	3.49E-05	0.0044169	-0.0356
2w4w_SITTD	0.05191617	0.30266783	5.83E-05	0.0063316	0.055318
2w4w_SITTD	0.02217291	0.12319422	3.52E-05	0.0043661	-0.046619
2w4w_SITTD	0.04020957	0.23202914	5.03E-05	0.0045634	-0.023154
2w4w_SITTD	0.07496239	0.44173077	6.25E-05	0.014299	0.13345
2w4w_SITTD	0.01243886	0.0644581	3.23E-05	0.0060411	0.2791
2w4w_SITTD	0.02426712	0.13583088	3.64E-05	0.0042065	-0.080664
2w4w_SITTD	0.01590856	0.08539455	3.30E-05	0.0051875	0.12392
2w4w_SITTD	0.01836002	0.10018691	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.05527968	0.3229635	5.95E-05	0.007248	0.065685
2w4w_SITTD	0.01833664	0.10004581	3.36E-05	0.0048202	0.050123
2w4w_SITTD	0.10059108	0.59637666	6.53E-05	0.024687	-0.12375
2w4w_SITTD	0.04273593	0.24727339	5.29E-05	0.0048617	-0.0013165
2w4w_SITTD	0.0135103	0.07092325	3.24E-05	0.0057681	0.23179
2w4w_SITTD	0.01916957	0.10507181	3.38E-05	0.004741	0.017998
2w4w_SITTD	0.07932527	0.4680568	6.31E-05	0.016335	0.13613
2w4w_SITTD	0.02365042	0.13210967	3.61E-05	0.0042401	-0.073623
2w4w_SITTD	0.02404381	0.13448346	3.61E-05	0.0042401	-0.073623
2w4w_SITTD	0.02584585	0.14535712	3.72E-05	0.0041509	-0.096385
2w4w_SITTD	0.02936616	0.16659899	4.02E-05	0.0040662	-0.10661
2w4w_SITTD	0.02471083	0.13850829	3.64E-05	0.0042065	-0.086782
2w4w_SITTD	0.01907235	0.10448518	3.38E-05	0.004741	0.03364
2w4w_SITTD	0.0500166	0.2912056	5.76E-05	0.005992	0.046466
2w4w_SITTD	0.11641698	0.6918716	6.64E-05	0.025054	-0.33868
2w4w_SITTD	0.0956974	0.56684774	6.49E-05	0.023263	-0.035993
2w4w_SITTE	0.03496033	0.20035474	4.54E-05	0.0042028	-0.078293
2w4w_SITTE	0.01711494	0.09267396	3.33E-05	0.0049935	0.085504
2w4w_SITTE	0.01997961	0.10995966	3.42E-05	0.0045972	0.0032259
2w4w_SITTE	0.02497632	0.14011028	3.68E-05	0.0041768	-0.086782
2w4w_SITTE	0.00625938	0.02717054	3.18E-05	0.008015	0.56984
2w4w_SITTE	0.02708813	0.1528531	3.84E-05	0.0040947	-0.10271
2w4w_SITTE	0.0151999	0.08111847	3.27E-05	0.0054028	0.16515
2w4w_SITTE	0.13723336	0.81747955	6.73E-05	0.023528	-0.48029
2w4w_SITTE	0.07559458	0.4455455	6.26E-05	0.014549	0.13453
2w4w_SITTE	0.03230088	0.18430734	4.27E-05	0.004099	-0.097962
2w4w_SITTE	0.00771098	0.03592964	3.19E-05	0.0073923	0.48652
2w4w_SITTE	0.01397143	0.07370574	3.25E-05	0.0056405	0.20898
2w4w_SITTE	0.11976842	0.7120945	6.65E-05	0.024632	-0.36766
2w4w_SITTE	0.03222454	0.18384668	4.27E-05	0.004099	-0.097962
2w4w_SITTE	0.02645214	0.14901552	3.80E-05	0.0041099	-0.099939
2w4w_SITTE	0.02327492	0.12984389	3.58E-05	0.0042778	-0.065623
2w4w_SITTE	0.06585041	0.38674825	6.13E-05	0.010616	0.097788
2w4w_SITTE	0.10349832	0.6139192	6.56E-05	0.025296	-0.17104

2w4w_SITTE ^z	0.07765114	0.45795494	6.29E-05	0.015562	0.13646
2w4w_SITTE ^z	0.00853769	0.04091806	3.19E-05	0.0071994	0.45929
2w4w_SITTE ^z	0.03554104	0.20385875	4.59E-05	0.0042319	-0.073417
2w4w_SITTE ^z	0.02317956	0.12926848	3.58E-05	0.0042778	-0.065623
2w4w_SITTE ^z	0.01634394	0.08802171	3.30E-05	0.0051875	0.12392
2w4w_SITTE ^z	0.0113931	0.05814789	3.21E-05	0.006339	0.32844
2w4w_SITTE ^z	0.02505842	0.1406057	3.68E-05	0.0041768	-0.086782
2w4w_SITTE ^z	0.02028815	0.11182144	3.42E-05	0.0045972	-0.01065
2w4w_SITTE ^z	0.02248224	0.12506077	3.52E-05	0.0043661	-0.056631
2w4w_SITTE ^z	0.01409881	0.07447439	3.25E-05	0.0056405	0.20898
2w4w_SITTE ^z	0.08616236	0.5093124	6.39E-05	0.01943	0.099025
2w4w_SITTE ^z	0.0330556	0.1888614	4.32E-05	0.0041142	-0.091175
2w4w_SITTE ^z	0.03531683	0.20250589	4.59E-05	0.0042319	-0.073417
2w4w_SITTE ^z	0.08999952	0.5324662	6.44E-05	0.021137	0.05218
2w4w_SITTE ^z	0.07288924	0.4292212	6.22E-05	0.01332	0.12737
2w4w_SITTE ^z	0.05549877	0.32428557	5.95E-05	0.007248	0.065685
2w4w_SITTE ^z	0.11654067	0.69261795	6.64E-05	0.025054	-0.33868
2w4w_SITTE ^z	0.02022734	0.11145446	3.42E-05	0.0045972	0.0032259
2w4w_SITTE ^z	0.01965693	0.10801256	3.40E-05	0.0046667	0.017998
2w4w_SITTE ^z	0.01151248	0.0588682	3.22E-05	0.0061869	0.30353
2w4w_SITTE ^z	0.13178453	0.7846008	6.71E-05	0.023582	-0.44949
2w4w_SITTE ^z	0.02444594	0.13690992	3.64E-05	0.0042065	-0.080664
2w4w_SITTE ^z	0.05571102	0.3255663	5.95E-05	0.007248	0.067199
2w4w_SITTE ^z	0.02648447	0.14921056	3.80E-05	0.0041099	-0.099939
2w4w_SITTE ^z	0.01204419	0.06207659	3.23E-05	0.0060411	0.2791
2w4w_SITTE ^z	0.03304624	0.18880494	4.32E-05	0.0041142	-0.091175
2w4w_SITTE ^z	0.03658135	0.2101361	4.70E-05	0.0042982	-0.062998
2w4w_SITTE ^z	0.06701217	0.39375845	6.14E-05	0.011039	0.10251
2w4w_SITTE ^z	0.06430493	0.37742275	6.10E-05	0.010005	0.091185
2w4w_SITTE ^z	0.07563587	0.4457946	6.26E-05	0.014549	0.13453
2w4w_SITTE ^z	0.0222093	0.12341383	3.52E-05	0.0043661	-0.046619
2w4w_SITTE ^z	0.07706969	0.4544464	6.28E-05	0.015307	0.13605
2w4w_SITTE ^z	0.01482345	0.07884691	3.27E-05	0.0054028	0.16515
2w4w_SITTE ^z	0.02774642	0.15682532	3.88E-05	0.0040827	-0.10472
2w4w_SITTE ^z	0.03998294	0.23066162	5.03E-05	0.0045634	-0.028892
2w4w_SITTE ^z	0.09930144	0.5885948	6.53E-05	0.02442	-0.10426
2w4w_SITTE ^z	0.02339659	0.13057807	3.58E-05	0.0042778	-0.065623
2w4w_SITTE ^z	0.01215084	0.06272013	3.23E-05	0.0060411	0.2791
2w4w_SITTE ^z	0.10054661	0.5961083	6.53E-05	0.024687	-0.12375
2w4w_SITTE ^z	0.02204293	0.12240991	3.52E-05	0.0043661	-0.046619
2w4w_SITTE ^z	0.02213386	0.12295862	3.52E-05	0.0043661	-0.046619
2w4w_SITTE ^z	0.07083552	0.41682887	6.20E-05	0.012608	0.11916
2w4w_SITTE ^z	0.08409482	0.49683675	6.37E-05	0.018667	0.1176

2w4w_SITTE ^z	0.10204376	0.60514224	6.55E-05	0.025029	-0.15246
2w4w_SITTE ^z	0.08725661	0.5159152	6.41E-05	0.01993	0.087329
2w4w_SITTE ^z	0.08102219	0.4782962	6.33E-05	0.017113	0.13314
2w4w_SITTE ^z	0.02966322	0.1683915	4.02E-05	0.0040662	-0.10597
2w4w_SITTE ^z	0.01894133	0.1036946	3.38E-05	0.004741	0.03364
2w4w_SITTE ^z	0.10683452	0.63405013	6.58E-05	0.025586	-0.22263
2w4w_SITTE ^z	0.04682643	0.27195585	5.57E-05	0.0054037	0.032113
2w4w_SITTE ^z	0.03360212	0.19215913	4.37E-05	0.0041322	-0.087207
2w4w_SITTE ^z	0.0933832	0.5528836	6.47E-05	0.022469	0.0013661
2w4w_SITTE ^z	0.09923813	0.5882128	6.53E-05	0.02442	-0.094455
2w4w_SITTE ^z	0.08273229	0.4886151	6.35E-05	0.017892	0.12434
2w4w_SITTE ^z	0.01537279	0.08216166	3.28E-05	0.0052924	0.1442
2w4w_SITTE ^z	0.09153601	0.5417375	6.45E-05	0.021822	0.027741
2w4w_SITTE ^z	0.10294356	0.61057174	6.56E-05	0.025216	-0.16182
2w4w_SITTE ^z	0.09464807	0.560516	6.49E-05	0.023073	-0.017059
2w4w_SITTE ^z	0.03348534	0.19145449	4.37E-05	0.0041322	-0.091175
2w4w_SITTE ^z	0.00917655	0.04477302	3.19E-05	0.0070136	0.43237
2w4w_SITTE ^z	0.01661595	0.08966301	3.31E-05	0.0050879	0.10435
2w4w_SITTE ^z	0.02877697	0.16304375	3.97E-05	0.0040686	-0.10664
2w4w_SITTE ^z	0.02953669	0.167628	4.02E-05	0.0040662	-0.10661
2w4w_SITTE ^z	0.02677604	0.15096997	3.80E-05	0.0041099	-0.099939
2w4w_SITTE ^z	0.01861307	0.10171384	3.36E-05	0.0048202	0.03364
2w4w_SITTE ^z	0.01853047	0.10121545	3.36E-05	0.0048202	0.050123
2w4w_SITTE ^z	0.09466713	0.560631	6.49E-05	0.023073	-0.017059
2w4w_SITTE ^z	0.012521	0.0649537	3.23E-05	0.0060411	0.2791
2w4w_SITTE ^z	0.08256548	0.48760855	6.35E-05	0.017892	0.1271
2w4w_SITTE ^z	0.12566184	0.74765587	6.68E-05	0.023927	-0.40938
2w4w_SITTE ^z	0.01171513	0.06009102	3.22E-05	0.0061869	0.30353
2w4w_SITTE ^z	0.04834408	0.28111348	5.67E-05	0.0056831	0.038361
2w4w_SITTE ^z	0.01860152	0.10164414	3.36E-05	0.0048202	0.050123
2w4w_SITTE ^z	0.01093809	0.0554023	3.21E-05	0.006339	0.32844
2w4w_SITTE ^z	0.01888911	0.10337947	3.38E-05	0.004741	0.03364
2w4w_SITTE ^z	0.08801819	0.5205107	6.42E-05	0.020421	0.080939
2w4w_SITTE ^z	0.00461707	0.01726067	3.18E-05	0.0087056	0.65503
2w4w_SITTE ^z	0.01913853	0.10488449	3.38E-05	0.004741	0.03364
2w4w_SITTE ^z	0.02080307	0.11492851	3.44E-05	0.0045325	-0.01065
2w4w_SITTE ^z	0.00985135	0.04884479	3.20E-05	0.0066628	0.37961
2w4w_SITTE ^z	0.03340331	0.19095953	4.37E-05	0.0041322	-0.091175
2w4w_SITTE ^z	0.01066376	0.05374696	3.21E-05	0.0064976	0.35381
2w4w_SITTE ^z	0.01776867	0.09661864	3.34E-05	0.0049043	0.067421
2w4w_SITTE ^z	0.04539799	0.26333648	5.50E-05	0.0052335	0.021279
2w4w_SITTE ^z	0.02271145	0.12644383	3.55E-05	0.0043197	-0.056631
2w4w_SITTE ^z	0.01363334	0.07166571	3.24E-05	0.0057681	0.23179

2w4w_SITTE \angle	0.02973705	0.16883698	4.02E-05	0.0040662	-0.10597
2w4w_SITTE \angle	0.01632055	0.08788055	3.30E-05	0.0051875	0.12392
2w4w_SITTE \angle	0.05838829	0.3417212	6.01E-05	0.0080116	0.074438
2w4w_SITTE \angle	0.02496832	0.14006202	3.68E-05	0.0041768	-0.086782
2w4w_SITTE \angle	0.10711381	0.6357354	6.58E-05	0.025586	-0.23052
2w4w_SITTE \angle	0.0310928	0.17701767	4.16E-05	0.0040771	-0.10299
2w4w_SITTE \angle	0.08041371	0.4746246	6.32E-05	0.016854	0.13446
2w4w_SITTE \angle	0.01798865	0.097946	3.34E-05	0.0049043	0.067421
2w4w_SITTE \angle	0.03455381	0.19790174	4.48E-05	0.0041765	-0.082901
2w4w_SITTE \angle	0.00821593	0.03897655	3.19E-05	0.0071994	0.45929
2w4w_SITTE \angle	0.03826015	0.22026613	4.87E-05	0.0044183	-0.04622
2w4w_SITTE \angle	0.02462114	0.13796708	3.64E-05	0.0042065	-0.080664
2w4w_SITTE \angle	0.04557092	0.26437998	5.50E-05	0.0052335	0.021279
2w4w_SITTE \angle	0.09876595	0.5853637	6.52E-05	0.024275	-0.094455
2w4w_SITTE \angle	0.02096862	0.11592747	3.47E-05	0.0044724	-0.023601
2w4w_SITTE \angle	0.05059206	0.29467803	5.78E-05	0.0061018	0.048868
2w4w_SITTE \angle	0.11642452	0.69191706	6.64E-05	0.025054	-0.33868
2w4w_SITTE \angle	0.02535737	0.14240955	3.72E-05	0.0041509	-0.092011
2w4w_SITTE \angle	0.09939056	0.5891326	6.53E-05	0.02442	-0.10426
2w4w_SITTE \angle	0.00922009	0.04503571	3.19E-05	0.0070136	0.4058
2w4w_SITTE \angle	0.01472669	0.07826308	3.26E-05	0.0055188	0.18676
2w4w_SITTE \angle	0.01402661	0.07403868	3.25E-05	0.0056405	0.20898
2w4w_SITTE \angle	0.01418687	0.07500573	3.25E-05	0.0056405	0.20898
2w4w_SITTE \angle	0.04758139	0.27651134	5.64E-05	0.0055867	0.035328
2w4w_SITTE \angle	0.04279282	0.24761666	5.29E-05	0.0048617	-0.0013165
2w4w_SITTE \angle	0.06214273	0.36437583	6.07E-05	0.0092324	0.083692
2w4w_SITTE \angle	0.03246217	0.18528058	4.27E-05	0.004099	-0.094772
2w4w_SITTE \angle	0.07628063	0.4496852	6.26E-05	0.0148	0.1354
2w4w_SITTE \angle	0.00933459	0.0457266	3.20E-05	0.0068348	0.4058
2w4w_SITTE \angle	0.01308549	0.06835989	3.23E-05	0.0059016	0.23179
2w4w_SITTE \angle	0.08259918	0.4878119	6.35E-05	0.017892	0.1271
7w11w_SITTC	0.01203591	0.06202667	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.03168427	0.18058667	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.08130629	0.48001045	6.34E-05	0.017373	0.13148
7w11w_SITTC	0.03130173	0.17827839	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.05976238	0.35001254	6.04E-05	0.0085136	0.077363
7w11w_SITTC	0.05850015	0.34239614	6.01E-05	0.0080116	0.074438
7w11w_SITTC	0.01360372	0.07148696	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01564638	0.08381255	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.025451	0.14297453	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.02215753	0.12310145	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02029678	0.11187347	3.42E-05	0.0045972	-0.01065
7w11w_SITTC	0.01142789	0.05835781	3.21E-05	0.006339	0.30353

7w11w_SITTC	0.01209309	0.06237165	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.09281431	0.54945093	6.46E-05	0.022258	0.010343
7w11w_SITTC	0.03123963	0.17790364	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.07145866	0.42058897	6.20E-05	0.012843	0.12136
7w11w_SITTC	0.0159912	0.08589325	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.03357556	0.19199887	4.37E-05	0.0041322	-0.087207
7w11w_SITTC	0.07553817	0.44520512	6.26E-05	0.014549	0.13453
7w11w_SITTC	0.02696963	0.15213808	3.80E-05	0.0041099	-0.10271
7w11w_SITTC	0.03366275	0.19252498	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.01876106	0.10260683	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.00708635	0.03216057	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.10393578	0.61655885	6.56E-05	0.025296	-0.18011
7w11w_SITTC	0.02232523	0.12411333	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01564921	0.08382966	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.03101822	0.17656764	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.02088684	0.11543395	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.01248717	0.0647496	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02336224	0.13037078	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02353512	0.13141397	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02182392	0.12108843	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.09184417	0.543597	6.46E-05	0.022042	0.027741
7w11w_SITTC	0.01375344	0.07239038	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.03388003	0.19383608	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.06287272	0.3687806	6.08E-05	0.0094206	0.087254
7w11w_SITTC	0.02394929	0.13391308	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.01882987	0.10302204	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02934362	0.16646296	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.04047345	0.23362142	5.09E-05	0.0046173	-0.023154
7w11w_SITTC	0.01337826	0.0701265	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01951001	0.10712607	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01295602	0.0675787	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.03815412	0.21962635	4.87E-05	0.0044183	-0.04622
7w11w_SITTC	0.11424045	0.6787382	6.63E-05	0.025299	-0.3171
7w11w_SITTC	0.0862242	0.5096856	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.06008592	0.35196486	6.04E-05	0.0085136	0.07887
7w11w_SITTC	0.10337587	0.6131803	6.56E-05	0.025216	-0.17104
7w11w_SITTC	0.12595199	0.7494067	6.68E-05	0.023927	-0.41325
7w11w_SITTC	0.03093339	0.1760558	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.02360693	0.13184723	3.58E-05	0.0042778	-0.073623
7w11w_SITTC	0.02239735	0.12454852	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02589964	0.1456817	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.0242978	0.13601601	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.0141382	0.07471207	3.25E-05	0.0056405	0.20898

7w11w_SITTC	0.12033705	0.7155256	6.66E-05	0.024561	-0.37215
7w11w_SITTC	0.00657078	0.02904958	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.02144035	0.11877391	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02192477	0.12169695	3.49E-05	0.0044169	-0.046619
7w11w_SITTC	0.03164924	0.18037532	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.01512265	0.08065229	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01794827	0.09770235	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.04739822	0.2754061	5.61E-05	0.0054936	0.035328
7w11w_SITTC	0.03550015	0.20361201	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.06958702	0.4092953	6.17E-05	0.01192	0.11455
7w11w_SITTC	0.01622095	0.08727959	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.03410402	0.19518766	4.43E-05	0.004153	-0.082901
7w11w_SITTC	0.01555525	0.08326265	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01586287	0.08511885	3.28E-05	0.0052924	0.12392
7w11w_SITTC	0.02945424	0.16713046	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.03649677	0.20962574	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.10076088	0.5974012	6.54E-05	0.024809	-0.12375
7w11w_SITTC	0.03095502	0.17618626	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.03268648	0.18663412	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.03859997	0.22231662	4.87E-05	0.0044183	-0.040459
7w11w_SITTC	0.01806015	0.09837748	3.34E-05	0.0049043	0.050123
7w11w_SITTC	0.01638126	0.0882469	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.10165519	0.6027976	6.54E-05	0.024923	-0.14299
7w11w_SITTC	0.03081605	0.17534776	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.02468879	0.13837528	3.64E-05	0.0042065	-0.086782
7w11w_SITTC	0.07591238	0.44746312	6.26E-05	0.0148	0.13453
7w11w_SITTC	0.0286398	0.16221607	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.03216407	0.18348183	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.02581934	0.14519717	3.72E-05	0.0041509	-0.096385
7w11w_SITTC	0.02363721	0.13203	3.58E-05	0.0042778	-0.073623
7w11w_SITTC	0.01978185	0.10876637	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.11392017	0.67680556	6.62E-05	0.025353	-0.31137
7w11w_SITTC	0.02200518	0.12218211	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.03311055	0.18919297	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.07767703	0.45811117	6.29E-05	0.015562	0.13646
7w11w_SITTC	0.09052099	0.53561276	6.44E-05	0.021369	0.044278
7w11w_SITTC	0.0741365	0.43674728	6.24E-05	0.014051	0.13074
7w11w_SITTC	0.03738871	0.21500778	4.76E-05	0.0043355	-0.05192
7w11w_SITTC	0.03687019	0.211879	4.70E-05	0.0042982	-0.057524
7w11w_SITTC	0.06927646	0.40742138	6.17E-05	0.01192	0.11218
7w11w_SITTC	0.05556935	0.3247114	5.95E-05	0.007248	0.065685
7w11w_SITTC	0.06474067	0.380052	6.11E-05	0.010206	0.093303
7w11w_SITTC	0.01338013	0.07013778	3.24E-05	0.0057681	0.23179

7w11w_SITTC	0.02582697	0.14524315	3.72E-05	0.0041509	-0.096385
7w11w_SITTC	0.02610622	0.1469282	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.08184166	0.48324096	6.34E-05	0.017373	0.12948
7w11w_SITTC	0.10041206	0.5952964	6.53E-05	0.024687	-0.12375
7w11w_SITTC	0.01446537	0.07668621	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.02004261	0.11033984	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.02173439	0.12054817	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01881724	0.10294583	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02230865	0.1240133	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.12326409	0.7331877	6.67E-05	0.024217	-0.39346
7w11w_SITTC	0.01780892	0.09686153	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.01953369	0.10726894	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.04898039	0.28495303	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.02157434	0.11958242	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02124939	0.11762162	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.08292701	0.48979005	6.35E-05	0.017892	0.12434
7w11w_SITTC	0.05844138	0.34204155	6.01E-05	0.0080116	0.074438
7w11w_SITTC	0.01297329	0.06768288	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.02525409	0.1417864	3.68E-05	0.0041768	-0.092011
7w11w_SITTC	0.02947391	0.16724917	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.01780648	0.0968468	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.03390016	0.19395758	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.03678163	0.2113446	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.02735412	0.1544581	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.03180551	0.18131825	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.01856893	0.10144747	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.00688692	0.03095719	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.0161481	0.08683999	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.0259692	0.14610142	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.01863678	0.10185687	3.36E-05	0.0048202	0.03364
7w11w_SITTC	0.02095439	0.11584158	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.02698941	0.15225744	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.01255318	0.06514792	3.23E-05	0.0060411	0.25518
7w11w_SITTC	0.01637743	0.08822381	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01283441	0.06684487	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01476571	0.07849851	3.26E-05	0.0055188	0.16515
7w11w_SITTC	0.0411022	0.23741533	5.14E-05	0.0046741	-0.017493
7w11w_SITTC	0.01936899	0.10627512	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.02667097	0.15033595	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.02603192	0.14647985	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.12197806	0.7254276	6.66E-05	0.02435	-0.38515
7w11w_SITTC	0.03411706	0.19526634	4.43E-05	0.004153	-0.082901
7w11w_SITTC	0.04719418	0.2741749	5.61E-05	0.0054936	0.032113

7w11w_SITTC	0.08889416	0.52579635	6.42E-05	0.020663	0.067165
7w11w_SITTC	0.02173231	0.12053559	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01581578	0.08483472	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.02728649	0.15405008	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.0921508	0.54544723	6.46E-05	0.022042	0.019141
7w11w_SITTC	0.01365982	0.07182548	3.24E-05	0.0057681	0.20898
7w11w_SITTC	0.01370447	0.0720949	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.00958929	0.04726352	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.01001491	0.04983176	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.03905555	0.22506566	4.92E-05	0.0044639	-0.034672
7w11w_SITTC	0.02572878	0.1446507	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.00657555	0.02907834	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.07306742	0.4302964	6.23E-05	0.013561	0.12737
7w11w_SITTC	0.02480107	0.13905282	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.01819197	0.09917287	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.05751408	0.33644614	6.00E-05	0.0078516	0.071569
7w11w_SITTC	0.09602157	0.5688038	6.50E-05	0.023448	-0.045608
7w11w_SITTC	0.00497534	0.01942252	3.18E-05	0.0084677	0.62647
7w11w_SITTC	0.01917009	0.10507494	3.38E-05	0.004741	0.017998
7w11w_SITTC	0.07664517	0.45188484	6.27E-05	0.015053	0.13605
7w11w_SITTC	0.10331252	0.61279804	6.56E-05	0.025216	-0.17104
7w11w_SITTC	0.02779215	0.15710126	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.08572388	0.5066666	6.39E-05	0.019177	0.1043
7w11w_SITTC	0.02311224	0.12886225	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.01258274	0.06532625	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01532204	0.08185547	3.27E-05	0.0054028	0.1442
7w11w_SITTC	0.1198041	0.7123098	6.65E-05	0.024632	-0.36766
7w11w_SITTC	0.12241439	0.7280605	6.67E-05	0.024282	-0.38515
7w11w_SITTC	0.03462578	0.19833602	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.03044547	0.1731116	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.04196027	0.24259299	5.24E-05	0.0047963	-0.00654
7w11w_SITTC	0.01506682	0.08031546	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.03142491	0.17902167	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.08270644	0.48845914	6.35E-05	0.017892	0.12434
7w11w_SITTC	0.0153191	0.08183774	3.27E-05	0.0054028	0.1442
7w11w_SITTC	0.04167794	0.24088937	5.19E-05	0.0047337	-0.011944
7w11w_SITTC	0.14870898	0.88672453	6.76E-05	0.023686	-0.52048
7w11w_SITTC	0.05582594	0.3262597	5.97E-05	0.0073934	0.067199
7w11w_SITTC	0.02223352	0.12355999	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01815978	0.09897868	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.03735926	0.21483009	4.76E-05	0.0043355	-0.057524
7w11w_SITTC	0.03517635	0.20165819	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.01294331	0.06750201	3.23E-05	0.0059016	0.25518

7w11w_SITTC	0.02645733	0.14904681	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.02023591	0.11150617	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.03699591	0.21263757	4.76E-05	0.0043355	-0.057524
7w11w_SITTC	0.02067208	0.11413807	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.03096268	0.17623253	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.07951921	0.46922708	6.31E-05	0.016335	0.13545
7w11w_SITTC	0.02094631	0.11579282	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.02693127	0.15190661	3.80E-05	0.0041099	-0.10271
7w11w_SITTC	0.07566249	0.44595525	6.26E-05	0.014549	0.13453
7w11w_SITTC	0.02342294	0.130737	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.03610256	0.20724702	4.65E-05	0.0042637	-0.068307
7w11w_SITTC	0.03131573	0.17836286	4.16E-05	0.0040771	-0.10071
7w11w_SITTC	0.07625127	0.449508	6.26E-05	0.0148	0.1354
7w11w_SITTC	0.02781822	0.15725859	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.06565974	0.38559777	6.12E-05	0.01041	0.097788
7w11w_SITTC	0.01838717	0.10035075	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02341153	0.13066821	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.00679668	0.03041266	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.02143781	0.1187586	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.13387719	0.7972281	6.71E-05	0.023546	-0.46255
7w11w_SITTC	0.02458635	0.13775717	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.0641543	0.3765138	6.10E-05	0.010005	0.091185
7w11w_SITTC	0.01838914	0.1003626	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02534917	0.14236012	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.01978212	0.10876801	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.02911778	0.1651002	3.97E-05	0.0040686	-0.10661
7w11w_SITTC	0.03444037	0.19721723	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.05352552	0.31237876	5.89E-05	0.0067028	0.060836
7w11w_SITTC	0.05095161	0.29684758	5.81E-05	0.006215	0.051138
7w11w_SITTC	0.0203321	0.11208662	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.00877048	0.04232275	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.11279094	0.6699917	6.62E-05	0.025448	-0.29951
7w11w_SITTC	0.02247575	0.12502159	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.05805981	0.33973908	6.01E-05	0.0080116	0.073002
7w11w_SITTC	0.1171599	0.6963544	6.64E-05	0.024986	-0.34377
7w11w_SITTC	0.02166689	0.12014088	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01656407	0.08934998	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.02749601	0.15531431	3.84E-05	0.0040947	-0.10472
7w11w_SITTC	0.01782899	0.09698261	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.03081462	0.17533909	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.0165243	0.08910999	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.06014467	0.35231933	6.04E-05	0.0085136	0.07887
7w11w_SITTC	0.01630605	0.08779305	3.30E-05	0.0051875	0.12392

7w11w_SITTC	0.02097918	0.11599118	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.00878225	0.04239376	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.0290661	0.16478842	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.01293241	0.06743623	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01882722	0.10300601	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.01304168	0.06809554	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.03770519	0.21691746	4.81E-05	0.0043756	-0.05192
7w11w_SITTC	0.00940548	0.04615441	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.06845016	0.40243542	6.16E-05	0.011474	0.10977
7w11w_SITTC	0.03222251	0.18383446	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.01854114	0.10127978	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.01320091	0.06905636	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.05363635	0.31304756	5.91E-05	0.0068337	0.060836
7w11w_SITTC	0.02898539	0.16430138	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.01637856	0.0882306	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02606878	0.14670229	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.06656931	0.39108616	6.13E-05	0.010826	0.10013
7w11w_SITTC	0.00615902	0.02656493	3.18E-05	0.008015	0.56984
7w11w_SITTC	0.07811293	0.46074146	6.29E-05	0.015819	0.13662
7w11w_SITTC	0.02435111	0.13633773	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.03287374	0.18776402	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.0196231	0.10780842	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01334414	0.06992064	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.06024816	0.3529438	6.05E-05	0.008688	0.07887
7w11w_SITTC	0.02415763	0.13517025	3.61E-05	0.0042401	-0.080664
7w11w_SITTC	0.01022578	0.05110417	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.08190258	0.48360854	6.35E-05	0.017633	0.12948
7w11w_SITTC	0.02005656	0.110424	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.08768447	0.51849693	6.41E-05	0.020177	0.080939
7w11w_SITTC	0.01342921	0.07043393	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.07984443	0.47118947	6.32E-05	0.016594	0.13545
7w11w_SITTC	0.02689829	0.15170762	3.80E-05	0.0041099	-0.10271
7w11w_SITTC	0.0320685	0.18290512	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.02898112	0.16427562	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.02958807	0.16793801	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.02191169	0.12161799	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02263479	0.12598129	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.0429972	0.24884991	5.29E-05	0.0048617	0.0036923
7w11w_SITTC	0.01684285	0.09103218	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.08348694	0.4931687	6.36E-05	0.018151	0.12117
7w11w_SITTC	0.01548489	0.08283812	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01649562	0.08893693	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01636145	0.08812737	3.30E-05	0.0051875	0.12392

7w11w_SITTC	0.11056166	0.65654004	6.60E-05	0.02558	-0.27396
7w11w_SITTC	0.06284705	0.36862573	6.08E-05	0.0094206	0.087254
7w11w_SITTC	0.0483506	0.28115284	5.67E-05	0.0056831	0.038361
7w11w_SITTC	0.02503613	0.14047116	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.02091431	0.11559971	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.01175089	0.06030683	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01032069	0.05167688	3.20E-05	0.0066628	0.35381
7w11w_SITTC	0.11615874	0.69031334	6.63E-05	0.025119	-0.33347
7w11w_SITTC	0.06152491	0.36064783	6.07E-05	0.0090475	0.082025
7w11w_SITTC	0.01213217	0.0626075	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.0318221	0.18141837	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.01528105	0.08160811	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01575697	0.08447989	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.03271436	0.1868023	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.09168166	0.54261637	6.45E-05	0.021822	0.027741
7w11w_SITTC	0.02025715	0.11163437	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.03314535	0.18940294	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.01439669	0.07627178	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01932201	0.10599166	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.05587521	0.32655704	5.97E-05	0.0073934	0.067199
7w11w_SITTC	0.01371456	0.07215576	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.01697746	0.09184443	3.31E-05	0.0050879	0.085504
7w11w_SITTC	0.01201812	0.06191929	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.01398447	0.07378444	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.09996955	0.5926263	6.53E-05	0.024558	-0.11403
7w11w_SITTC	0.03572635	0.20497698	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.01143843	0.05842141	3.21E-05	0.006339	0.30353
7w11w_SITTC	0.01886789	0.10325146	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02103148	0.11630677	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.0143803	0.07617291	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01665574	0.0899031	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.09243476	0.5471606	6.46E-05	0.022258	0.019141
7w11w_SITTC	0.01634773	0.08804455	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.08823489	0.5218182	6.42E-05	0.020421	0.074212
7w11w_SITTC	0.01942848	0.10663413	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.03668179	0.21074216	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.01152669	0.05895395	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01902635	0.10420759	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.03429405	0.19633435	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.02083514	0.11512199	3.44E-05	0.0045325	-0.023601
7w11w_SITTC	0.12442281	0.7401795	6.67E-05	0.024092	-0.40152
7w11w_SITTC	0.01716278	0.09296266	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02584888	0.14537537	3.72E-05	0.0041509	-0.096385

7w11w_SITTC	0.08573632	0.50674164	6.39E-05	0.01943	0.1043
7w11w_SITTC	0.01692998	0.09155788	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.11183123	0.6642007	6.61E-05	0.025489	-0.28705
7w11w_SITTC	0.02464796	0.1381289	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.03195649	0.18222928	4.22E-05	0.0040866	-0.097962
7w11w_SITTC	0.11724582	0.69687283	6.64E-05	0.024986	-0.34377
7w11w_SITTC	0.01796082	0.09777813	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.0490141	0.28515643	5.70E-05	0.0057827	0.04392
7w11w_SITTC	0.00853638	0.04091014	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.02832387	0.16030969	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.02636185	0.14847067	3.76E-05	0.0041286	-0.099939
7w11w_SITTC	0.01986787	0.10928541	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.0161666	0.08695158	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02714117	0.15317316	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.06160389	0.36112443	6.07E-05	0.0090475	0.082025
7w11w_SITTC	0.07215183	0.42477164	6.21E-05	0.01308	0.12348
7w11w_SITTC	0.01436077	0.07605506	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.08863538	0.52423483	6.42E-05	0.020663	0.074212
7w11w_SITTC	0.07995156	0.47183588	6.32E-05	0.016594	0.13446
7w11w_SITTC	0.02637655	0.14855942	3.76E-05	0.0041286	-0.099939
7w11w_SITTC	0.01402434	0.07402504	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.00832868	0.03965686	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.02193312	0.12174731	3.49E-05	0.0044169	-0.046619
7w11w_SITTC	0.10352442	0.61407673	6.56E-05	0.025296	-0.17104
7w11w_SITTC	0.07991801	0.4716335	6.32E-05	0.016594	0.13545
7w11w_SITTC	0.02829749	0.1601505	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.11576422	0.6879328	6.63E-05	0.025119	-0.32814
7w11w_SITTC	0.03086274	0.17562947	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.06998759	0.41171238	6.18E-05	0.012147	0.11689
7w11w_SITTC	0.11007752	0.6536187	6.60E-05	0.025599	-0.26716
7w11w_SITTC	0.05378782	0.31396154	5.91E-05	0.0068337	0.060836
7w11w_SITTC	0.01356221	0.07123651	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.02022899	0.11146445	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.05586229	0.32647908	5.97E-05	0.0073934	0.067199
7w11w_SITTC	0.03727935	0.21434791	4.76E-05	0.0043355	-0.057524
7w11w_SITTC	0.10007627	0.59327024	6.53E-05	0.024558	-0.11403
7w11w_SITTC	0.02226751	0.12376504	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.08000516	0.47215936	6.32E-05	0.016594	0.13446
7w11w_SITTC	0.02800005	0.15835574	3.88E-05	0.0040827	-0.10603
7w11w_SITTC	0.02612993	0.14707129	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.04968303	0.2891929	5.73E-05	0.0058857	0.046466
7w11w_SITTC	0.10518014	0.6240675	6.57E-05	0.025482	-0.19772
7w11w_SITTC	0.03269544	0.18668815	4.32E-05	0.0041142	-0.094772

7w11w_SITTC	0.01852614	0.10118928	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.01917713	0.10511742	3.38E-05	0.004741	0.017998
7w11w_SITTC	0.03077678	0.17511079	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.0217759	0.12079866	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.0122179	0.06312479	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.01641803	0.08846875	3.30E-05	0.0051875	0.10435
7w11w_SITTC	0.01990327	0.10949905	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.04949376	0.28805077	5.73E-05	0.0058857	0.04392
7w11w_SITTC	0.02002117	0.11021043	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.078403	0.46249178	6.29E-05	0.015819	0.13651
7w11w_SITTC	0.04873443	0.28346887	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.01346491	0.07064936	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01230543	0.06365299	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02203758	0.12237768	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.05408522	0.31575608	5.91E-05	0.0068337	0.062513
7w11w_SITTC	0.02283184	0.12717031	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.01407539	0.07433306	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.03605026	0.20693149	4.65E-05	0.0042637	-0.068307
7w11w_SITTC	0.08968224	0.53055173	6.44E-05	0.021137	0.059815
7w11w_SITTC	0.00873925	0.04213432	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.03163572	0.1802937	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.02160976	0.11979611	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01519342	0.08107937	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.11243001	0.66781384	6.62E-05	0.025448	-0.29336
7w11w_SITTC	0.01684122	0.09102234	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01697099	0.09180536	3.31E-05	0.0050879	0.085504
7w11w_SITTC	0.02151136	0.11920238	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01713389	0.09278834	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.12766972	0.75977165	6.69E-05	0.023794	-0.4246
7w11w_SITTC	0.08607152	0.50876427	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.0440481	0.25519115	5.38E-05	0.0050014	0.012967
7w11w_SITTC	0.01889641	0.10342351	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02182002	0.12106485	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02890021	0.16378738	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.01265245	0.06574687	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01483718	0.07892979	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02279956	0.12697548	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.00543942	0.02222279	3.18E-05	0.0082375	0.59807
7w11w_SITTC	0.02344565	0.13087404	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02845488	0.16110022	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.06451148	0.37866905	6.10E-05	0.010005	0.093303
7w11w_SITTC	0.03618376	0.207737	4.65E-05	0.0042637	-0.068307
7w11w_SITTC	0.02305173	0.12849714	3.55E-05	0.0043197	-0.065623

7w11w_SITTC	0.01992983	0.10965927	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.11504906	0.6836175	6.63E-05	0.025242	-0.32268
7w11w_SITTC	0.07032085	0.4137233	6.19E-05	0.012376	0.11689
7w11w_SITTC	0.02320193	0.12940344	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02181673	0.121045	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.07416578	0.43692395	6.24E-05	0.014051	0.13074
7w11w_SITTC	0.02175198	0.12065432	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02229032	0.12390268	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01630824	0.08780626	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02945768	0.16715123	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.05266356	0.30717763	5.87E-05	0.0065755	0.057248
7w11w_SITTC	0.04468731	0.2590482	5.42E-05	0.0050757	0.017239
7w11w_SITTC	0.03967249	0.22878835	4.98E-05	0.0045122	-0.028892
7w11w_SITTC	0.04851497	0.28214464	5.67E-05	0.0056831	0.041222
7w11w_SITTC	0.03460688	0.19822198	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.02253603	0.12538536	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.12698066	0.7556138	6.69E-05	0.023834	-0.42086
7w11w_SITTC	0.06361241	0.373244	6.10E-05	0.0098069	0.089169
7w11w_SITTC	0.03354286	0.1918016	4.37E-05	0.0041322	-0.087207
7w11w_SITTC	0.0203856	0.11240946	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.04133395	0.23881371	5.14E-05	0.0046741	-0.011944
7w11w_SITTC	0.0244871	0.13715829	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.02111532	0.11681264	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.02614126	0.14713962	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.08395542	0.49599555	6.37E-05	0.01841	0.1176
7w11w_SITTC	0.03075399	0.1749733	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.12086757	0.7187268	6.66E-05	0.02449	-0.37656
7w11w_SITTC	0.00829709	0.03946628	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.02591371	0.14576659	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.01832076	0.09995002	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02349029	0.13114345	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02803562	0.15857038	3.88E-05	0.0040827	-0.10603
7w11w_SITTC	0.05592155	0.32683665	5.97E-05	0.0073934	0.067199
7w11w_SITTC	0.02776675	0.15694799	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.0183633	0.10020673	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02366096	0.13217327	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.09551117	0.565724	6.49E-05	0.023263	-0.035993
7w11w_SITTC	0.08612859	0.5091086	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.02431893	0.1361435	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.09874728	0.585251	6.52E-05	0.024275	-0.094455
7w11w_SITTC	0.01792987	0.09759134	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.02810453	0.15898618	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.01989896	0.10947304	3.42E-05	0.0045972	0.0032259

7w11w_SITTC	0.03252156	0.18563896	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.0615745	0.3609471	6.07E-05	0.0090475	0.082025
7w11w_SITTC	0.01512264	0.08065225	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02479599	0.13902214	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.09819324	0.58190787	6.52E-05	0.024123	-0.084641
7w11w_SITTC	0.05490052	0.32067567	5.94E-05	0.0071062	0.064127
7w11w_SITTC	0.02289619	0.12755856	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.01733889	0.09402528	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02376529	0.13280278	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.02576042	0.1448416	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.02917285	0.16543254	3.97E-05	0.0040686	-0.10661
7w11w_SITTC	0.00758816	0.03518851	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.02118205	0.1172153	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.00943132	0.04631032	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.03103036	0.17664093	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.019612	0.10774145	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.02131195	0.11799911	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.01454237	0.07715088	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01175218	0.06031462	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01653302	0.08916264	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.02838468	0.16067663	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.0159859	0.08586123	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01344379	0.0705219	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01956251	0.10744282	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.02318602	0.12930745	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.09458895	0.56015927	6.48E-05	0.022877	-0.017059
7w11w_SITTC	0.11555496	0.68667006	6.63E-05	0.025182	-0.32814
7w11w_SITTC	0.01752204	0.09513047	3.33E-05	0.0049935	0.067421
7w11w_SITTC	0.04212898	0.24361101	5.24E-05	0.0047963	-0.00654
7w11w_SITTC	0.09274697	0.54904455	6.46E-05	0.022258	0.010343
7w11w_SITTC	0.01284171	0.06688892	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.11127473	0.6608428	6.61E-05	0.025525	-0.28058
7w11w_SITTC	0.02840077	0.16077374	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.03238533	0.18481696	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.04075047	0.23529296	5.09E-05	0.0046173	-0.017493
7w11w_SITTC	0.02607328	0.14672942	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.01537254	0.08216015	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.10713288	0.6358505	6.58E-05	0.025586	-0.23052
7w11w_SITTC	0.05152249	0.3002923	5.83E-05	0.0063316	0.053285
7w11w_SITTC	0.10062303	0.5965695	6.53E-05	0.024687	-0.12375
7w11w_SITTC	0.08243293	0.48680872	6.35E-05	0.017892	0.1271
7w11w_SITTC	0.07135905	0.4199879	6.20E-05	0.012843	0.12136
7w11w_SITTC	0.0164738	0.0888053	3.31E-05	0.0050879	0.10435

7w11w_SITTC	0.13219418	0.78707266	6.71E-05	0.023582	-0.45284
7w11w_SITTC	0.01861614	0.10173237	3.36E-05	0.0048202	0.03364
7w11w_SITTC	0.07303979	0.43012962	6.23E-05	0.013561	0.12737
7w11w_SITTC	0.11748943	0.6983428	6.64E-05	0.024917	-0.34876
7w11w_SITTC	0.01235008	0.0639224	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.0983956	0.5831289	6.52E-05	0.024123	-0.084641
7w11w_SITTC	0.12991993	0.77334964	6.70E-05	0.023664	-0.43912
7w11w_SITTC	0.01577466	0.08458662	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.04658232	0.2704829	5.57E-05	0.0054037	0.028707
7w11w_SITTC	0.02435317	0.13635011	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.02649285	0.14926113	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.0154455	0.08260044	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01883004	0.10302308	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.01386864	0.07308552	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.04184042	0.24186979	5.19E-05	0.0047337	-0.00654
7w11w_SITTC	0.01475341	0.07842426	3.26E-05	0.0055188	0.16515
7w11w_SITTC	0.00831679	0.03958511	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.02619189	0.14744513	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.01473791	0.07833076	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.0069058	0.03107109	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.05791184	0.33884627	6.00E-05	0.0078516	0.073002
7w11w_SITTC	0.02004775	0.11037086	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01362274	0.0716017	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.02176643	0.12074149	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01234729	0.06390555	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.01254289	0.06508581	3.23E-05	0.0060411	0.25518
7w11w_SITTC	0.08615135	0.509246	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.04969205	0.2892473	5.73E-05	0.0058857	0.046466
7w11w_SITTC	0.03483329	0.19958812	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.01856661	0.10143349	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.08437842	0.498548	6.37E-05	0.018667	0.1136
7w11w_SITTC	0.02260592	0.12580703	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.09981091	0.591669	6.53E-05	0.024558	-0.11403
7w11w_SITTC	0.10421488	0.61824304	6.56E-05	0.025367	-0.18011
7w11w_SITTC	0.01230819	0.06366961	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.03257809	0.18598004	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.02211417	0.12283979	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.00796425	0.03745788	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.01839001	0.10036788	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.01298351	0.06774454	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01888846	0.10337556	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.00933492	0.04572862	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.079866	0.47131965	6.32E-05	0.016594	0.13545

7w11w_SITTC	0.01487326	0.07914745	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01336662	0.07005627	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.02998117	0.17031	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.01357387	0.07130685	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.07073269	0.41620842	6.19E-05	0.012376	0.11916
7w11w_SITTC	0.02319256	0.1293469	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.00828037	0.0393654	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.0570576	0.33369172	5.99E-05	0.0076952	0.070131
7w11w_SITTC	0.10998642	0.65306896	6.60E-05	0.025599	-0.26716
7w11w_SITTC	0.02828909	0.16009985	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.01548497	0.08283861	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.08785481	0.5195248	6.41E-05	0.020177	0.080939
7w11w_SITTC	0.01178076	0.06048705	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.06497911	0.38149077	6.11E-05	0.010206	0.093303
7w11w_SITTC	0.01632089	0.0878826	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02137732	0.11839356	3.47E-05	0.0044724	-0.0356
7w11w_SITTC	0.01004896	0.0500372	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.01505466	0.08024208	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01610759	0.08659556	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.03170634	0.18071987	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.01834361	0.10008791	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.06999623	0.41176453	6.18E-05	0.012147	0.11689
7w11w_SITTC	0.00764933	0.03555759	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.08031315	0.47401777	6.32E-05	0.016854	0.13446
7w11w_SITTC	0.01726082	0.09355426	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.00884427	0.04276801	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.036357	0.20878237	4.65E-05	0.0042637	-0.062998
7w11w_SITTC	0.03563244	0.20441031	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.01445815	0.07664266	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.02597663	0.14614624	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.03026682	0.17203365	4.07E-05	0.0040668	-0.10475
7w11w_SITTC	0.02950995	0.16746666	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.09963218	0.59059054	6.53E-05	0.024558	-0.10426
7w11w_SITTC	0.11498974	0.6832595	6.63E-05	0.025242	-0.32268
7w11w_SITTC	0.01666641	0.0899675	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.02118683	0.11724412	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.12985478	0.77295655	6.70E-05	0.023664	-0.43912
7w11w_SITTC	0.03826875	0.22031805	4.87E-05	0.0044183	-0.04622
7w11w_SITTC	0.04294149	0.24851374	5.29E-05	0.0048617	0.0036923
7w11w_SITTC	0.02198643	0.12206898	3.49E-05	0.0044169	-0.046619
7w11w_SITTC	0.02184802	0.12123382	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.07520092	0.4431701	6.26E-05	0.014549	0.13345
7w11w_SITTC	0.01607937	0.08642527	3.30E-05	0.0051875	0.12392

7w11w_SITTC	0.02371539	0.13250172	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.01749072	0.09494145	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01321084	0.06911629	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.08200325	0.484216	6.35E-05	0.017633	0.12948
7w11w_SITTC	0.02043738	0.11272189	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.01893656	0.10366578	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.01843511	0.10064004	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02465123	0.13814864	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01408355	0.07438231	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.0151401	0.0807576	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02075347	0.11462921	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.00976622	0.04833112	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.11838698	0.7037588	6.65E-05	0.024847	-0.35363
7w11w_SITTC	0.02649489	0.14927348	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.07263959	0.42771482	6.22E-05	0.01332	0.12548
7w11w_SITTC	0.03948821	0.22767635	4.98E-05	0.0045122	-0.034672
7w11w_SITTC	0.01595594	0.08568045	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02791035	0.1578145	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.06966104	0.40974194	6.18E-05	0.012147	0.11455
7w11w_SITTC	0.03379569	0.19332716	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.02903608	0.16460727	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.04647352	0.26982638	5.57E-05	0.0054037	0.028707
7w11w_SITTC	0.02063618	0.11392149	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.02339621	0.13057578	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.08488774	0.5016213	6.38E-05	0.018923	0.1136
7w11w_SITTC	0.01217235	0.06284992	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.09851981	0.5838784	6.52E-05	0.024275	-0.084641
7w11w_SITTC	0.01973063	0.10845731	3.40E-05	0.0046667	0.0032259
7w11w_SITTC	0.02471862	0.13855527	3.64E-05	0.0042065	-0.086782
7w11w_SITTC	0.06358592	0.3730842	6.10E-05	0.0098069	0.089169
7w11w_SITTC	0.02144598	0.1188079	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02044543	0.11277046	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.02680052	0.15111768	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.02343708	0.13082235	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.04364745	0.25277355	5.38E-05	0.0050014	0.008455
7w11w_SITTC	0.03081606	0.1753478	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.01705412	0.09230699	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.03083416	0.17545703	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.03669723	0.21083532	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.0226136	0.12585339	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.12173569	0.7239651	6.66E-05	0.024419	-0.38089
7w11w_SITTC	0.13936108	0.8303184	6.73E-05	0.023544	-0.49075
7w11w_SITTC	0.01135714	0.05793089	3.21E-05	0.006339	0.32844

7w11w_SITTC	0.01680415	0.09079865	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01144065	0.05843477	3.21E-05	0.006339	0.30353
7w11w_SITTC	0.08250234	0.48722756	6.35E-05	0.017892	0.1271
7w11w_SITTC	0.07804893	0.46035528	6.29E-05	0.015819	0.13662
7w11w_SITTC	0.01163495	0.05960721	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.00890309	0.04312293	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01464728	0.07778391	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01341522	0.07034951	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01500929	0.07996833	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.00968385	0.04783407	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.00966312	0.04770903	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.08911634	0.527137	6.43E-05	0.020902	0.067165
7w11w_SITTC	0.03319976	0.18973126	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.01406773	0.07428686	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.14866535	0.88646126	6.76E-05	0.023686	-0.52048
7w11w_SITTC	0.13171211	0.7841638	6.70E-05	0.023599	-0.44949
7w11w_SITTC	0.02006692	0.11048646	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.05654468	0.3305967	5.98E-05	0.0075425	0.068678
7w11w_SITTC	0.01438994	0.07623111	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.02757422	0.15578626	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.01764845	0.0958932	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.07250041	0.42687497	6.22E-05	0.01332	0.12548
7w11w_SITTC	0.01271017	0.06609518	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.05986558	0.3506353	6.04E-05	0.0085136	0.077363
7w11w_SITTC	0.02719671	0.15350834	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.02486854	0.13945995	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.10389195	0.6162944	6.56E-05	0.025296	-0.18011
7w11w_SITTC	0.01387396	0.07311759	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.01771673	0.09630526	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.09937141	0.58901703	6.53E-05	0.02442	-0.10426
7w11w_SITTC	0.03010294	0.1710448	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.01221075	0.06308162	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.04045038	0.2334822	5.09E-05	0.0046173	-0.023154
7w11w_SITTC	0.06804541	0.3999931	6.16E-05	0.011474	0.10734
7w11w_SITTC	0.0126248	0.06558004	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.05436939	0.31747076	5.92E-05	0.0069681	0.062513
7w11w_SITTC	0.03308811	0.1890576	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.03139099	0.178817	4.16E-05	0.0040771	-0.10071
7w11w_SITTC	0.07178973	0.4225867	6.20E-05	0.012843	0.12348
7w11w_SITTC	0.03339692	0.19092093	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.09434764	0.5587032	6.48E-05	0.022877	-0.017059
7w11w_SITTC	0.10607577	0.6294718	6.58E-05	0.025526	-0.21453
7w11w_SITTC	0.02570354	0.14449841	3.72E-05	0.0041509	-0.092011

7w11w_SITTC	0.03036131	0.17260379	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.04245082	0.24555302	5.24E-05	0.0047963	-0.0013165
7w11w_SITTC	0.06407567	0.37603936	6.10E-05	0.0098069	0.091185
7w11w_SITTC	0.01996622	0.10987889	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01678461	0.09068076	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.00687894	0.03090899	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.01640233	0.088374	3.30E-05	0.0051875	0.10435
7w11w_SITTC	0.0180445	0.09828302	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.01560623	0.08357026	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.0132804	0.06953601	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.0251374	0.14108224	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.01583168	0.08493066	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.02444166	0.13688408	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.07475244	0.44046396	6.25E-05	0.014299	0.13218
7w11w_SITTC	0.03401981	0.19467956	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.03368308	0.1926477	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.01604179	0.0861985	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02272662	0.12653537	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.01214467	0.0626829	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.03488674	0.1999107	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.07653133	0.45119792	6.27E-05	0.015053	0.1354
7w11w_SITTC	0.049672	0.28912628	5.73E-05	0.0058857	0.046466
7w11w_SITTC	0.11472239	0.6816462	6.63E-05	0.025242	-0.3171
7w11w_SITTC	0.06227551	0.36517704	6.07E-05	0.0092324	0.085432
7w11w_SITTC	0.01920766	0.10530168	3.38E-05	0.004741	0.017998
7w11w_SITTC	0.01311471	0.06853622	3.23E-05	0.0059016	0.23179
7w11w_SITTC	0.09427685	0.558276	6.48E-05	0.022877	-0.0077738
7w11w_SITTC	0.07425994	0.43749213	6.24E-05	0.014051	0.13074
7w11w_SITTC	0.06786714	0.3989174	6.15E-05	0.011255	0.10734
7w11w_SITTC	0.03818681	0.21982358	4.87E-05	0.0044183	-0.04622
7w11w_SITTC	0.02570164	0.14448695	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.05151854	0.30026847	5.83E-05	0.0063316	0.053285
7w11w_SITTC	0.11538758	0.6856601	6.63E-05	0.025182	-0.32814
7w11w_SITTC	0.09026595	0.5340739	6.44E-05	0.021369	0.05218
7w11w_SITTC	0.02279774	0.12696451	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.09042979	0.5350625	6.44E-05	0.021369	0.044278
7w11w_SITTC	0.02016047	0.11105097	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01030173	0.05156243	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.02709368	0.15288663	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.0225108	0.12523313	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.07353565	0.43312174	6.23E-05	0.013805	0.12913
7w11w_SITTC	0.06608791	0.38818136	6.13E-05	0.010616	0.097788
7w11w_SITTC	0.02720003	0.15352832	3.84E-05	0.0040947	-0.10271

7w11w_SITTC	0.01022699	0.05111148	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.0174313	0.09458295	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.00764307	0.03551985	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.05494411	0.3209387	5.94E-05	0.0071062	0.064127
7w11w_SITTC	0.03039958	0.17283474	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.01811907	0.09873303	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.03022599	0.17178729	4.07E-05	0.0040668	-0.10475
7w11w_SITTC	0.09097564	0.5383562	6.45E-05	0.021597	0.036126
7w11w_SITTC	0.02206394	0.12253669	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01477666	0.07856461	3.26E-05	0.0055188	0.16515
7w11w_SITTC	0.03291603	0.18801922	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.02073247	0.11450248	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.01479998	0.07870529	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01521414	0.08120439	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.05560684	0.32493767	5.95E-05	0.007248	0.065685
7w11w_SITTC	0.07093334	0.41741917	6.20E-05	0.012608	0.11916
7w11w_SITTC	0.00682956	0.03061106	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.06033761	0.35348356	6.05E-05	0.008688	0.07887
7w11w_SITTC	0.04636403	0.2691657	5.54E-05	0.0053171	0.028707
7w11w_SITTC	0.02030806	0.11194156	3.42E-05	0.0045972	-0.01065
7w11w_SITTC	0.01786109	0.09717629	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.08603021	0.508515	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.05406072	0.31560823	5.91E-05	0.0068337	0.062513
7w11w_SITTC	0.06375729	0.3741182	6.10E-05	0.0098069	0.089169
7w11w_SITTC	0.00893724	0.04332898	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01108888	0.05631219	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.12886396	0.7669778	6.69E-05	0.023723	-0.43195
7w11w_SITTC	0.06932735	0.4077285	6.17E-05	0.01192	0.11218
7w11w_SITTC	0.09242271	0.54708797	6.46E-05	0.022258	0.019141
7w11w_SITTC	0.01080036	0.0545712	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.144337	0.8603435	6.75E-05	0.023623	-0.50968
7w11w_SITTC	0.01465031	0.07780219	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01632322	0.08789669	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.09660715	0.5723372	6.50E-05	0.023626	-0.055297
7w11w_SITTC	0.06418008	0.37666935	6.10E-05	0.010005	0.091185
7w11w_SITTC	0.07579862	0.44677672	6.26E-05	0.0148	0.13453
7w11w_SITTC	0.08842167	0.5229453	6.42E-05	0.020421	0.074212
7w11w_SITTC	0.10588318	0.62830967	6.58E-05	0.025526	-0.20623
7w11w_SITTC	0.02126422	0.11771109	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.05465034	0.31916606	5.92E-05	0.0069681	0.064127
7w11w_SITTC	0.01735019	0.09409351	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.00887355	0.04294469	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.02332775	0.13016264	3.58E-05	0.0042778	-0.065623

7w11w_SITTC	0.03949916	0.22774246	4.98E-05	0.0045122	-0.034672
7w11w_SITTC	0.02529293	0.14202076	3.68E-05	0.0041768	-0.092011
7w11w_SITTC	0.06341727	0.37206653	6.09E-05	0.0096122	0.089169
7w11w_SITTC	0.03580864	0.20547351	4.59E-05	0.0042319	-0.068307
7w11w_SITTC	0.02238397	0.12446778	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.03494087	0.2002373	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.02793366	0.15795512	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.01863774	0.10186268	3.36E-05	0.0048202	0.03364
7w11w_SITTC	0.07634805	0.45009202	6.27E-05	0.015053	0.1354
7w11w_SITTC	0.02527816	0.14193162	3.68E-05	0.0041768	-0.092011
7w11w_SITTC	0.02859705	0.1619581	3.93E-05	0.004074	-0.10664
7w11w_SITTC	0.05619801	0.3285048	5.97E-05	0.0073934	0.068678
7w11w_SITTC	0.00907701	0.04417235	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01179177	0.06055348	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01742276	0.09453142	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.07674281	0.45247403	6.27E-05	0.015053	0.13605
7w11w_SITTC	0.10773917	0.63950884	6.59E-05	0.025604	-0.23822
7w11w_SITTC	0.01282961	0.06681593	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.02773928	0.15678224	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.03502847	0.2007659	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.02024248	0.11154582	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.00673226	0.03002392	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.01190694	0.06124842	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.02212409	0.12289963	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.0168293	0.09095041	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.09911329	0.58745956	6.53E-05	0.02442	-0.094455
7w11w_SITTC	0.01803914	0.0982507	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.08678586	0.5130747	6.40E-05	0.019681	0.093363
7w11w_SITTC	0.08159836	0.48177287	6.34E-05	0.017373	0.12948
7w11w_SITTC	0.01952542	0.10721907	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.03008012	0.1709071	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.04365864	0.2528411	5.38E-05	0.0050014	0.008455
7w11w_SITTC	0.02076035	0.11467075	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.06870379	0.40396586	6.16E-05	0.011695	0.10977
7w11w_SITTC	0.05522036	0.3226056	5.94E-05	0.0071062	0.065685
7w11w_SITTC	0.03858701	0.22223845	4.87E-05	0.0044183	-0.040459
7w11w_SITTC	0.03003703	0.17064708	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.00607267	0.02604389	3.18E-05	0.008015	0.56984
7w11w_SITTC	0.05439059	0.31759873	5.92E-05	0.0069681	0.062513
7w11w_SITTC	0.02356842	0.1316149	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.04799519	0.27900827	5.64E-05	0.0055867	0.038361
7w11w_SITTC	0.09054106	0.5357339	6.44E-05	0.021369	0.044278
7w11w_SITTC	0.02965941	0.16836847	4.02E-05	0.0040662	-0.10597

7w11w_SITTC	0.02085689	0.11525324	3.44E-05	0.0045325	-0.023601
7w11w_SITTC	0.02153341	0.11933543	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.07124313	0.41928846	6.20E-05	0.012608	0.12136
7w11w_SITTC	0.0287951	0.16315316	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.07058512	0.41531798	6.19E-05	0.012376	0.11916
7w11w_SITTC	0.02261534	0.12586388	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.0489067	0.2845084	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.03533519	0.20261665	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.01508638	0.08043347	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.06382709	0.3745394	6.10E-05	0.0098069	0.089169
7w11w_SITTC	0.01681362	0.09085577	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.02946704	0.16720772	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.03320353	0.18975401	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.01511245	0.08059079	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02259148	0.1257199	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.01114849	0.05667188	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.12545455	0.74640507	6.68E-05	0.023978	-0.40938
7w11w_SITTC	0.05511412	0.32196453	5.94E-05	0.0071062	0.065685
7w11w_SITTC	0.01989281	0.10943592	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01371177	0.07213894	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.01893209	0.10363884	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02277605	0.12683365	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.06876491	0.40433463	6.16E-05	0.011695	0.10977
7w11w_SITTC	0.0087803	0.04238199	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01583266	0.08493657	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.0158047	0.08476789	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01850979	0.10109064	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.07080227	0.41662827	6.20E-05	0.012608	0.11916
7w11w_SITTC	0.02008865	0.11061765	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01319979	0.06904958	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01623127	0.08734181	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.08646345	0.51112926	6.40E-05	0.019681	0.099025
7w11w_SITTC	0.02721096	0.1535943	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.02852045	0.16149586	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.00767018	0.03568343	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.07436454	0.4381233	6.24E-05	0.014051	0.13074
7w11w_SITTC	0.01550659	0.08296906	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01433104	0.07587568	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01912299	0.10479076	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.03293794	0.18815143	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.02446499	0.13702485	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01219695	0.06299836	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.00917042	0.04473602	3.19E-05	0.0070136	0.43237

7w11w_SITTC	0.01643398	0.088565	3.30E-05	0.0051875	0.10435
7w11w_SITTC	0.0766356	0.4518271	6.27E-05	0.015053	0.13605
7w11w_SITTC	0.02275551	0.12670967	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02616876	0.14730555	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.06116135	0.3584541	6.06E-05	0.008866	0.082025
7w11w_SITTC	0.05191797	0.30267867	5.85E-05	0.0064518	0.055318
7w11w_SITTC	0.02593782	0.14591205	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.02617814	0.14736217	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.01648647	0.08888175	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.04938765	0.2874105	5.73E-05	0.0058857	0.04392
7w11w_SITTC	0.01948734	0.10698924	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.0173313	0.09397952	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.03262163	0.18624276	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.02716953	0.15334429	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.08605775	0.5086812	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.04727409	0.27465707	5.61E-05	0.0054936	0.032113
7w11w_SITTC	0.03626644	0.20823592	4.65E-05	0.0042637	-0.068307
7w11w_SITTC	0.01754119	0.09524599	3.33E-05	0.0049935	0.067421
7w11w_SITTC	0.01461892	0.07761274	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01379909	0.07266582	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.0964803	0.5715718	6.50E-05	0.023626	-0.045608
7w11w_SITTC	0.02853439	0.16158003	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.02071985	0.11442636	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.08422365	0.49761412	6.37E-05	0.018667	0.1176
7w11w_SITTC	0.08657453	0.51179945	6.40E-05	0.019681	0.093363
7w11w_SITTC	0.10826955	0.64270926	6.59E-05	0.025614	-0.24573
7w11w_SITTC	0.08364549	0.4941254	6.37E-05	0.01841	0.12117
7w11w_SITTC	0.07446826	0.4387492	6.24E-05	0.014051	0.13218
7w11w_SITTC	0.04801266	0.27911365	5.64E-05	0.0055867	0.038361
7w11w_SITTC	0.07440841	0.43838802	6.24E-05	0.014051	0.13218
7w11w_SITTC	0.02062194	0.11383551	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.07585868	0.44713908	6.26E-05	0.0148	0.13453
7w11w_SITTC	0.01973916	0.10850874	3.40E-05	0.0046667	0.0032259
7w11w_SITTC	0.0277182	0.15665504	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.1195072	0.71051824	6.65E-05	0.024704	-0.36308
7w11w_SITTC	0.01073937	0.05420322	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.02935906	0.16655612	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.01499734	0.07989621	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02118138	0.11721123	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.03535626	0.2027438	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.08049738	0.47512946	6.32E-05	0.016854	0.13314
7w11w_SITTC	0.02925883	0.16595134	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.09859031	0.58430386	6.52E-05	0.024275	-0.084641

7w11w_SITTC	0.02002639	0.11024192	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.02645596	0.14903858	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.01037652	0.05201376	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.03371518	0.19284138	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.07905977	0.46645474	6.30E-05	0.016077	0.13613
7w11w_SITTC	0.03856086	0.22208062	4.87E-05	0.0044183	-0.040459
7w11w_SITTC	0.01127368	0.05742728	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.01296956	0.06766038	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.02836717	0.16057096	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.02424711	0.13571014	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.10212945	0.6056593	6.55E-05	0.025029	-0.15246
7w11w_SITTC	0.03235741	0.18464848	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.0796301	0.4698962	6.31E-05	0.016335	0.13545
7w11w_SITTC	0.03464156	0.19843121	4.48E-05	0.0041765	-0.078293
7w11w_SITTC	0.10667592	0.6330931	6.58E-05	0.02556	-0.22263
7w11w_SITTC	0.02940608	0.16683982	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.06018516	0.35256368	6.04E-05	0.0085136	0.07887
7w11w_SITTC	0.03017259	0.17146504	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.01935042	0.10616304	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01144673	0.05847148	3.21E-05	0.006339	0.30353
7w11w_SITTC	0.02202088	0.12227688	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.06994073	0.41142964	6.18E-05	0.012147	0.11455
7w11w_SITTC	0.015099	0.08050964	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.06688976	0.39301983	6.14E-05	0.011039	0.10251
7w11w_SITTC	0.07606056	0.44835728	6.26E-05	0.0148	0.1354
7w11w_SITTC	0.02368897	0.13234226	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.01884837	0.10313369	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.03086506	0.17564344	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.0224949	0.12513715	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.11580795	0.68819666	6.63E-05	0.025119	-0.32814
7w11w_SITTC	0.03563097	0.20440143	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.01669267	0.09012596	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01387794	0.07314162	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.08587316	0.5075674	6.39E-05	0.01943	0.1043
7w11w_SITTC	0.02061599	0.11379961	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.06590828	0.38709745	6.13E-05	0.010616	0.097788
7w11w_SITTC	0.01324868	0.0693446	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.00370939	0.01178364	3.18E-05	0.0089513	0.68371
7w11w_SITTC	0.03290613	0.1879595	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.02350977	0.13126095	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.09267148	0.54858905	6.46E-05	0.022258	0.010343
7w11w_SITTC	0.00868393	0.04180051	3.19E-05	0.0071994	0.43237
7w11w_SITTC	0.09697152	0.5745359	6.51E-05	0.023799	-0.055297

7w11w_SITTC	0.0087644	0.04228603	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01722076	0.09331253	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01379947	0.07266813	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.02161975	0.11985644	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01682176	0.0909049	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01877198	0.10267274	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02138729	0.11845374	3.47E-05	0.0044724	-0.0356
7w11w_SITTC	0.06680269	0.3924944	6.13E-05	0.010826	0.10251
7w11w_SITTC	0.02721864	0.15364064	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.114366	0.67949575	6.63E-05	0.025299	-0.3171
7w11w_SITTC	0.10302208	0.61104554	6.56E-05	0.025216	-0.16182
7w11w_SITTC	0.020026	0.11023956	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.02500637	0.14029159	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.01325861	0.06940454	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.02783115	0.15733658	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.05483022	0.32025144	5.94E-05	0.0071062	0.064127
7w11w_SITTC	0.00693055	0.03122043	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.12709682	0.7563147	6.69E-05	0.023834	-0.42086
7w11w_SITTC	0.01291678	0.06734192	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.09416653	0.5576103	6.48E-05	0.022877	-0.0077738
7w11w_SITTC	0.02344623	0.1308776	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.012476	0.06468216	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.0270472	0.15260616	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.03844914	0.22140649	4.87E-05	0.0044183	-0.04622
7w11w_SITTC	0.0209945	0.11608359	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.0249299	0.13983019	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.03900165	0.2247404	4.92E-05	0.0044639	-0.040459
7w11w_SITTC	0.04279738	0.2476442	5.29E-05	0.0048617	-0.0013165
7w11w_SITTC	0.02223508	0.12356934	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01451835	0.07700589	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.02883426	0.16338941	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.01322004	0.06917176	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.02442177	0.13676403	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.02203351	0.12235306	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01717337	0.09302655	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02049658	0.11307909	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.02639502	0.14867082	3.76E-05	0.0041286	-0.099939
7w11w_SITTC	0.02161129	0.11980534	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.04456563	0.25831395	5.42E-05	0.0050757	0.012967
7w11w_SITTC	0.04533873	0.2629789	5.50E-05	0.0052335	0.021279
7w11w_SITTC	0.01602837	0.08611754	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.09732817	0.57668793	6.51E-05	0.023799	-0.065044
7w11w_SITTC	0.09798741	0.5806658	6.52E-05	0.024123	-0.074831

7w11w_SITTC	0.05511633	0.32197788	5.94E-05	0.0071062	0.065685
7w11w_SITTC	0.02083851	0.11514233	3.44E-05	0.0045325	-0.023601
7w11w_SITTC	0.00913272	0.04450853	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.00715406	0.03256914	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.03410985	0.19522282	4.43E-05	0.004153	-0.082901
7w11w_SITTC	0.02043832	0.11272758	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.08356004	0.49360982	6.37E-05	0.01841	0.12117
7w11w_SITTC	0.03900302	0.22474866	4.92E-05	0.0044639	-0.040459
7w11w_SITTC	0.02191142	0.12161636	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.04822543	0.28039753	5.67E-05	0.0056831	0.038361
7w11w_SITTC	0.01798601	0.09793013	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.01498593	0.07982732	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.03054171	0.17369235	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.12486946	0.7428746	6.68E-05	0.024034	-0.40548
7w11w_SITTC	0.02762395	0.15608634	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.02077973	0.11478768	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.01870575	0.10227307	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.0126678	0.0658395	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01742425	0.0945404	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01879538	0.10281389	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.129604	0.77144325	6.70E-05	0.023664	-0.43556
7w11w_SITTC	0.02175583	0.12067752	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.03391271	0.1940333	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.0210804	0.11660192	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.03177192	0.18111558	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.00878748	0.04242531	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01477017	0.07852545	3.26E-05	0.0055188	0.16515
7w11w_SITTC	0.11197597	0.6650741	6.61E-05	0.025489	-0.29336
7w11w_SITTC	0.01399671	0.07385828	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.01424236	0.07534055	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.03399926	0.19455552	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.02866749	0.16238311	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.02208232	0.1226476	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02299435	0.12815088	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.11262564	0.66899425	6.62E-05	0.025448	-0.29951
7w11w_SITTC	0.1061856	0.6301345	6.58E-05	0.025526	-0.21453
7w11w_SITTC	0.02742703	0.15489809	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.11339515	0.67363757	6.62E-05	0.025403	-0.30551
7w11w_SITTC	0.03870064	0.22292407	4.92E-05	0.0044639	-0.040459
7w11w_SITTC	0.05088529	0.2964474	5.81E-05	0.006215	0.051138
7w11w_SITTC	0.03560451	0.20424177	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.02361606	0.13190235	3.58E-05	0.0042778	-0.073623
7w11w_SITTC	0.014062	0.07425224	3.25E-05	0.0056405	0.20898

7w11w_SITTC	0.00550359	0.02261002	3.18E-05	0.0082375	0.59807
7w11w_SITTC	0.07878915	0.46482185	6.30E-05	0.016077	0.13651
7w11w_SITTC	0.02918509	0.1655064	3.97E-05	0.0040686	-0.10661
7w11w_SITTC	0.09662243	0.5724294	6.50E-05	0.023626	-0.055297
7w11w_SITTC	0.02511517	0.14094812	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.01974594	0.1085497	3.40E-05	0.0046667	0.0032259
7w11w_SITTC	0.01845017	0.1007309	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.0102781	0.05141983	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.02276912	0.12679185	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02028398	0.11179624	3.42E-05	0.0045972	-0.01065
7w11w_SITTC	0.08564143	0.5061691	6.39E-05	0.019177	0.1043
7w11w_SITTC	0.05491696	0.32077485	5.94E-05	0.0071062	0.064127
7w11w_SITTC	0.08019402	0.47329894	6.32E-05	0.016854	0.13446
7w11w_SITTC	0.02884363	0.163446	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.02247518	0.1250182	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.12466051	0.7416138	6.68E-05	0.024034	-0.40152
7w11w_SITTC	0.02281143	0.12704715	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.09432887	0.55858994	6.48E-05	0.022877	-0.017059
7w11w_SITTC	0.02736815	0.1545428	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.01501171	0.07998289	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01623728	0.08737809	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.08504554	0.50257343	6.38E-05	0.018923	0.10916
7w11w_SITTC	0.02082696	0.11507265	3.44E-05	0.0045325	-0.023601
7w11w_SITTC	0.02711231	0.15299904	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.01039199	0.0521071	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.03841326	0.22119004	4.87E-05	0.0044183	-0.04622
7w11w_SITTC	0.03508817	0.20112611	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.01709668	0.09256378	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01255873	0.06518139	3.23E-05	0.0060411	0.25518
7w11w_SITTC	0.09061187	0.5361612	6.44E-05	0.021369	0.044278
7w11w_SITTC	0.10104749	0.5991307	6.54E-05	0.024809	-0.13341
7w11w_SITTC	0.00936248	0.04589494	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.03017141	0.17145795	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.02327764	0.12986027	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02588385	0.14558639	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.06009246	0.35200432	6.04E-05	0.0085136	0.07887
7w11w_SITTC	0.00537126	0.02181153	3.18E-05	0.0082375	0.59807
7w11w_SITTC	0.02444368	0.13689628	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.00974532	0.048205	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.01564629	0.083812	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.02258705	0.1256932	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.03727722	0.21433504	4.76E-05	0.0043355	-0.057524
7w11w_SITTC	0.02404162	0.1344702	3.61E-05	0.0042401	-0.073623

7w11w_SITTC	0.0363574	0.20878474	4.65E-05	0.0042637	-0.062998
7w11w_SITTC	0.07030097	0.4136034	6.19E-05	0.012376	0.11689
7w11w_SITTC	0.01788102	0.09729657	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.00860329	0.04131391	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.0401499	0.23166904	5.03E-05	0.0045634	-0.028892
7w11w_SITTC	0.01009423	0.05031036	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.03188781	0.18181488	4.22E-05	0.0040866	-0.097962
7w11w_SITTC	0.0305116	0.17351064	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.04495532	0.26066542	5.46E-05	0.0051531	0.017239
7w11w_SITTC	0.03209573	0.18306944	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.0226821	0.12626675	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.14968665	0.89262384	6.76E-05	0.023695	-0.52228
7w11w_SITTC	0.04344145	0.25153053	5.33E-05	0.0049301	0.0036923
7w11w_SITTC	0.02712252	0.15306066	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.0331166	0.18922947	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.00642442	0.02816637	3.18E-05	0.008015	0.56984
7w11w_SITTC	0.11321826	0.67257017	6.62E-05	0.025403	-0.30551
7w11w_SITTC	0.01424804	0.07537481	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.02455509	0.13756853	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01591994	0.08546323	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.00959038	0.04727007	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.0242797	0.13590682	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.09591389	0.56815404	6.50E-05	0.023448	-0.035993
7w11w_SITTC	0.02436085	0.13639644	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.05743587	0.33597422	5.99E-05	0.0076952	0.071569
7w11w_SITTC	0.02021667	0.11139011	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01940286	0.10647947	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01907777	0.10451786	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.1037404	0.6153799	6.56E-05	0.025296	-0.18011
7w11w_SITTC	0.02178869	0.12087581	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.08579566	0.5070997	6.39E-05	0.01943	0.1043
7w11w_SITTC	0.02406622	0.13461863	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.01711847	0.09269525	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02520969	0.14151843	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.02315668	0.12913041	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02282078	0.12710357	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.03786352	0.21787283	4.81E-05	0.0043756	-0.05192
7w11w_SITTC	0.01621386	0.08723681	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.05464406	0.31912813	5.92E-05	0.0069681	0.064127
7w11w_SITTC	0.01834524	0.10009775	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02602488	0.1464374	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.03345507	0.19127187	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.01399696	0.07385981	3.25E-05	0.0056405	0.20898

7w11w_SITTC	0.03475576	0.1991203	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.08612813	0.50910586	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.00984538	0.04880877	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.02819345	0.15952276	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.02520783	0.14150725	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.02174985	0.12064149	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.04386658	0.25409585	5.38E-05	0.0050014	0.008455
7w11w_SITTC	0.017558	0.09534742	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.02334692	0.1302783	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.04561938	0.26467237	5.50E-05	0.0052335	0.021279
7w11w_SITTC	0.04700882	0.2730564	5.61E-05	0.0054936	0.032113
7w11w_SITTC	0.08336905	0.4924574	6.36E-05	0.018151	0.12117
7w11w_SITTC	0.09816397	0.58173126	6.52E-05	0.024123	-0.084641
7w11w_SITTC	0.01819403	0.0991853	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.10417108	0.6179787	6.56E-05	0.025367	-0.18011
7w11w_SITTC	0.03464702	0.19846418	4.48E-05	0.0041765	-0.078293
7w11w_SITTC	0.05937246	0.34765974	6.03E-05	0.0083426	0.075889
7w11w_SITTC	0.01894962	0.10374462	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02318903	0.12932561	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02146299	0.11891053	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.09744764	0.57740885	6.51E-05	0.023964	-0.065044
7w11w_SITTC	0.01390117	0.0732818	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.01714568	0.09285947	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01604846	0.08623874	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.06363121	0.37335742	6.10E-05	0.0098069	0.089169
7w11w_SITTC	0.00828053	0.03936633	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.02170645	0.12037961	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.0199429	0.10973815	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.02603307	0.14648683	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.10700519	0.63508	6.58E-05	0.025586	-0.23052
7w11w_SITTC	0.02328543	0.1299073	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.05517282	0.32231873	5.94E-05	0.0071062	0.065685
7w11w_SITTC	0.08902664	0.5265957	6.42E-05	0.020663	0.067165
7w11w_SITTC	0.04528307	0.26264307	5.50E-05	0.0052335	0.021279
7w11w_SITTC	0.033899	0.19395056	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.06392274	0.37511656	6.10E-05	0.0098069	0.091185
7w11w_SITTC	0.01915863	0.10500579	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.10766919	0.6390866	6.59E-05	0.025604	-0.23822
7w11w_SITTC	0.04628477	0.26868746	5.54E-05	0.0053171	0.028707
7w11w_SITTC	0.04283084	0.2478461	5.29E-05	0.0048617	-0.0013165
7w11w_SITTC	0.01751622	0.09509534	3.33E-05	0.0049935	0.067421
7w11w_SITTC	0.01213011	0.06259504	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02342025	0.13072082	3.58E-05	0.0042778	-0.065623

7w11w_SITTC	0.02824013	0.1598044	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.01049261	0.05271423	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.02841559	0.16086318	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.02150343	0.11915457	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.0225046	0.12519571	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.02417612	0.13528179	3.61E-05	0.0042401	-0.080664
7w11w_SITTC	0.03667146	0.21067986	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.01013523	0.05055779	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.01826569	0.0996177	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.08152895	0.481354	6.34E-05	0.017373	0.13148
7w11w_SITTC	0.1031993	0.61211485	6.56E-05	0.025216	-0.17104
7w11w_SITTC	0.01043079	0.05234118	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.02807192	0.15878941	3.88E-05	0.0040827	-0.10603
7w11w_SITTC	0.02759462	0.15590934	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.01842123	0.10055623	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.08341067	0.49270847	6.36E-05	0.018151	0.12117
7w11w_SITTC	0.01897169	0.10387776	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.01721269	0.09326381	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02269777	0.1263613	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02495918	0.14000687	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.03396101	0.19432475	4.43E-05	0.004153	-0.087207
7w11w_SITTC	0.0090098	0.0437668	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.04034196	0.23282793	5.09E-05	0.0046173	-0.023154
7w11w_SITTC	0.0894312	0.5290369	6.43E-05	0.020902	0.059815
7w11w_SITTC	0.13704851	0.81636417	6.73E-05	0.023528	-0.48029
7w11w_SITTC	0.0291668	0.16539602	3.97E-05	0.0040686	-0.10661
7w11w_SITTC	0.02061888	0.11381705	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.03188898	0.18182191	4.22E-05	0.0040866	-0.097962
7w11w_SITTC	0.00787042	0.03689169	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.02668205	0.15040278	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.05134023	0.29919252	5.81E-05	0.006215	0.053285
7w11w_SITTC	0.02438738	0.13655654	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01702945	0.09215813	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.11961269	0.7111548	6.65E-05	0.024632	-0.36308
7w11w_SITTC	0.08382972	0.4952371	6.37E-05	0.01841	0.1176
7w11w_SITTC	0.01439927	0.07628736	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.07293505	0.42949766	6.22E-05	0.01332	0.12737
7w11w_SITTC	0.0673459	0.39577222	6.14E-05	0.011039	0.10492
7w11w_SITTC	0.01874221	0.10249309	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.04476817	0.25953612	5.46E-05	0.0051531	0.017239
7w11w_SITTC	0.08369275	0.4944106	6.37E-05	0.01841	0.12117
7w11w_SITTC	0.03889034	0.22406876	4.92E-05	0.0044639	-0.040459
7w11w_SITTC	0.11139856	0.6615899	6.61E-05	0.025525	-0.28058

7w11w_SITTC	0.0476592	0.27698088	5.64E-05	0.0055867	0.035328
7w11w_SITTC	0.01648148	0.08885162	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01543573	0.08254148	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01947484	0.10691383	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.02504058	0.14049803	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.00556605	0.02298691	3.18E-05	0.0082375	0.59807
7w11w_SITTC	0.02234675	0.12424319	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02778425	0.15705357	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.01670289	0.09018764	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.02545755	0.14301407	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.09139512	0.54088736	6.45E-05	0.021822	0.036126
7w11w_SITTC	0.01808504	0.09852764	3.34E-05	0.0049043	0.050123
7w11w_SITTC	0.01379864	0.07266311	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.08681699	0.5132625	6.40E-05	0.019681	0.093363
7w11w_SITTC	0.08365727	0.49419647	6.37E-05	0.01841	0.12117
7w11w_SITTC	0.01035791	0.05190145	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.08303846	0.49046257	6.36E-05	0.018151	0.12434
7w11w_SITTC	0.09056557	0.5358818	6.44E-05	0.021369	0.044278
7w11w_SITTC	0.01788708	0.09733313	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.09890496	0.58620244	6.52E-05	0.024275	-0.094455
7w11w_SITTC	0.11520969	0.6845867	6.63E-05	0.025182	-0.32268
7w11w_SITTC	0.00860754	0.04133953	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.0854326	0.50490904	6.39E-05	0.019177	0.10916
7w11w_SITTC	0.01815414	0.09894464	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.10216099	0.6058496	6.55E-05	0.025029	-0.15246
7w11w_SITTC	0.07992922	0.4717011	6.32E-05	0.016594	0.13446
7w11w_SITTC	0.01004601	0.05001939	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.04628338	0.26867905	5.54E-05	0.0053171	0.028707
7w11w_SITTC	0.01786094	0.09717541	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.01605179	0.08625884	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02044228	0.11275145	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.09099201	0.538455	6.45E-05	0.021597	0.036126
7w11w_SITTC	0.08729605	0.5161532	6.41E-05	0.01993	0.087329
7w11w_SITTC	0.02544225	0.14292173	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.02208326	0.12265329	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.01595814	0.08569373	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.07432558	0.4378882	6.24E-05	0.014051	0.13074
7w11w_SITTC	0.08093301	0.47775805	6.33E-05	0.017113	0.13314
7w11w_SITTC	0.04589655	0.2663449	5.54E-05	0.0053171	0.025099
7w11w_SITTC	0.02516109	0.14122519	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.04905777	0.28541994	5.70E-05	0.0057827	0.04392
7w11w_SITTC	0.0440498	0.2552014	5.38E-05	0.0050014	0.012967
7w11w_SITTC	0.04572227	0.26529324	5.50E-05	0.0052335	0.025099

7w11w_SITTC	0.01658586	0.08948147	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01796626	0.0978109	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.00464173	0.01740949	3.18E-05	0.0087056	0.65503
7w11w_SITTC	0.08199439	0.4841625	6.35E-05	0.017633	0.12948
7w11w_SITTC	0.01449712	0.0768778	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.0642971	0.3773755	6.10E-05	0.010005	0.091185
7w11w_SITTC	0.02420218	0.13543907	3.61E-05	0.0042401	-0.080664
7w11w_SITTC	0.0410041	0.2368234	5.14E-05	0.0046741	-0.017493
7w11w_SITTC	0.01833882	0.10005898	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.01077146	0.05439686	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.02335864	0.13034903	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.09324234	0.55203366	6.47E-05	0.022469	0.0013661
7w11w_SITTC	0.02091395	0.11559757	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.02674632	0.15079063	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.01936548	0.10625394	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.02123987	0.11756419	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.01932272	0.10599595	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.00896177	0.04347702	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01183684	0.06082542	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.09126729	0.540116	6.45E-05	0.021597	0.036126
7w11w_SITTC	0.01698578	0.09189463	3.31E-05	0.0050879	0.085504
7w11w_SITTC	0.02652073	0.14942937	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.02195096	0.12185495	3.49E-05	0.0044169	-0.046619
7w11w_SITTC	0.01506133	0.08028229	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.012921	0.06736738	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01929924	0.10585425	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.03340158	0.19094905	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.0245437	0.13749984	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01782196	0.09694021	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.0173669	0.09419431	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.0410553	0.23713233	5.14E-05	0.0046741	-0.017493
7w11w_SITTC	0.0214279	0.11869878	3.47E-05	0.0044724	-0.0356
7w11w_SITTC	0.02321793	0.1295	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.06564058	0.38548216	6.12E-05	0.01041	0.097788
7w11w_SITTC	0.0472103	0.27427214	5.61E-05	0.0054936	0.032113
7w11w_SITTC	0.08157557	0.4816353	6.34E-05	0.017373	0.13148
7w11w_SITTC	0.01699561	0.09195393	3.31E-05	0.0050879	0.085504
7w11w_SITTC	0.02751279	0.1554156	3.84E-05	0.0040947	-0.10472
7w11w_SITTC	0.01601904	0.0860612	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.10292596	0.6104655	6.56E-05	0.025216	-0.16182
7w11w_SITTC	0.01557865	0.08340384	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.00558593	0.02310687	3.18E-05	0.0082375	0.59807
7w11w_SITTC	0.01051365	0.05284116	3.21E-05	0.0064976	0.35381

7w11w_SITTC	0.06315424	0.37047935	6.09E-05	0.0096122	0.087254
7w11w_SITTC	0.06301743	0.36965382	6.09E-05	0.0096122	0.087254
7w11w_SITTC	0.01488277	0.07920486	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.10092907	0.5984161	6.54E-05	0.024809	-0.13341
7w11w_SITTC	0.02324497	0.12966315	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.0206444	0.11397108	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.04877329	0.2837034	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.05522627	0.32264128	5.94E-05	0.0071062	0.065685
7w11w_SITTC	0.01263958	0.06566925	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.09429804	0.55840385	6.48E-05	0.022877	-0.017059
7w11w_SITTC	0.01864823	0.10192598	3.36E-05	0.0048202	0.03364
7w11w_SITTC	0.02853371	0.16157587	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.01913236	0.10484729	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.08858846	0.52395177	6.42E-05	0.020663	0.074212
7w11w_SITTC	0.07515103	0.44286907	6.25E-05	0.014299	0.13345
7w11w_SITTC	0.0263366	0.1483183	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.02855615	0.16171132	3.93E-05	0.004074	-0.10664
7w11w_SITTC	0.027105	0.15295494	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.02054742	0.11338586	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.06374185	0.37402505	6.10E-05	0.0098069	0.089169
7w11w_SITTC	0.02148113	0.11901998	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02307455	0.12863483	3.55E-05	0.0043197	-0.065623
7w11w_SITTC	0.01927486	0.10570712	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01909478	0.1046205	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.03104672	0.17673963	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.02651181	0.14937556	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.01698377	0.09188251	3.31E-05	0.0050879	0.085504
7w11w_SITTC	0.03862263	0.22245337	4.92E-05	0.0044639	-0.040459
7w11w_SITTC	0.02702995	0.15250206	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.02067901	0.11417992	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.01596313	0.08572386	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01440118	0.07629889	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.04042058	0.23330235	5.09E-05	0.0046173	-0.023154
7w11w_SITTC	0.02798161	0.15824448	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.11406894	0.6777033	6.63E-05	0.025299	-0.31137
7w11w_SITTC	0.0282342	0.15976864	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.0668934	0.39304176	6.14E-05	0.011039	0.10251
7w11w_SITTC	0.03349933	0.19153889	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.01017601	0.05080386	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.01058122	0.05324889	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.01583835	0.08497093	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.03100374	0.17648026	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.01019999	0.0509485	3.20E-05	0.0066628	0.37961

7w11w_SITTC	0.02081895	0.11502432	3.44E-05	0.0045325	-0.023601
7w11w_SITTC	0.02025732	0.1116354	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01609371	0.0865118	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.0861875	0.5094641	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.06268307	0.36763626	6.08E-05	0.0094206	0.085432
7w11w_SITTC	0.02569654	0.14445618	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.07603127	0.4481805	6.26E-05	0.0148	0.13453
7w11w_SITTC	0.03075063	0.17495301	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.01625346	0.08747571	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.09756501	0.5781171	6.51E-05	0.023964	-0.065044
7w11w_SITTC	0.01421627	0.07518312	3.25E-05	0.0056405	0.18676
7w11w_SITTC	0.05509814	0.3218681	5.94E-05	0.0071062	0.065685
7w11w_SITTC	0.09134905	0.5406094	6.45E-05	0.021822	0.036126
7w11w_SITTC	0.07737025	0.45626006	6.28E-05	0.015307	0.13646
7w11w_SITTC	0.09607066	0.5691	6.50E-05	0.023448	-0.045608
7w11w_SITTC	0.07443469	0.43854663	6.24E-05	0.014051	0.13218
7w11w_SITTC	0.01925338	0.10557754	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.0174635	0.09477725	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.00831165	0.0395541	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.05105821	0.29749084	5.81E-05	0.006215	0.051138
7w11w_SITTC	0.04654091	0.270233	5.57E-05	0.0054037	0.028707
7w11w_SITTC	0.02216946	0.1231734	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.03712907	0.21344107	4.76E-05	0.0043355	-0.057524
7w11w_SITTC	0.01646097	0.08872787	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.01284944	0.06693555	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.00935465	0.04584767	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.01742955	0.09457235	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02134459	0.11819609	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.08135498	0.48030424	6.34E-05	0.017373	0.13148
7w11w_SITTC	0.10797753	0.64094716	6.59E-05	0.025614	-0.23822
7w11w_SITTC	0.08764458	0.5182563	6.41E-05	0.020177	0.087329
7w11w_SITTC	0.06598716	0.38757345	6.13E-05	0.010616	0.097788
7w11w_SITTC	0.0096678	0.04773723	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.0215256	0.11928829	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.03628293	0.20833541	4.65E-05	0.0042637	-0.068307
7w11w_SITTC	0.0554925	0.32424772	5.95E-05	0.007248	0.065685
7w11w_SITTC	0.01827966	0.09970204	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.07755819	0.4573941	6.29E-05	0.015562	0.13646
7w11w_SITTC	0.0161012	0.08655696	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01574647	0.08441649	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01070835	0.05401601	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.01850043	0.10103416	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.05312369	0.3099541	5.89E-05	0.0067028	0.059084

7w11w_SITTC	0.0307815	0.17513925	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.01502998	0.08009317	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.00644658	0.02830011	3.18E-05	0.008015	0.56984
7w11w_SITTC	0.01289687	0.06722175	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01905781	0.1043974	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.01615769	0.08689787	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.11805675	0.70176613	6.65E-05	0.024847	-0.35363
7w11w_SITTC	0.02452725	0.13740054	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.0124519	0.06453674	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.01397574	0.07373179	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.0252622	0.14183533	3.68E-05	0.0041768	-0.092011
7w11w_SITTC	0.01866777	0.1020439	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.01488368	0.07921036	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.1260759	0.7501544	6.68E-05	0.023927	-0.41325
7w11w_SITTC	0.12629788	0.7514938	6.68E-05	0.023879	-0.41325
7w11w_SITTC	0.02183189	0.12113646	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.03089667	0.17583421	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.12561613	0.74738014	6.68E-05	0.023978	-0.40938
7w11w_SITTC	0.09396477	0.5563929	6.48E-05	0.022676	-0.0077738
7w11w_SITTC	0.01106631	0.05617597	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.05590055	0.32670993	5.97E-05	0.0073934	0.067199
7w11w_SITTC	0.06141816	0.36000368	6.07E-05	0.0090475	0.082025
7w11w_SITTC	0.02600894	0.14634119	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.02839833	0.16075902	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.02616451	0.14727993	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.01077763	0.05443406	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.01623915	0.08738938	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02073839	0.11453824	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.01025571	0.05128476	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.01737225	0.09422661	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02798783	0.158282	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.02574658	0.14475809	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.01284393	0.06690231	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01239532	0.06419536	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.10586414	0.62819475	6.58E-05	0.025526	-0.20623
7w11w_SITTC	0.11059076	0.65671563	6.60E-05	0.02558	-0.27396
7w11w_SITTC	0.01698881	0.09191288	3.31E-05	0.0050879	0.085504
7w11w_SITTC	0.02728127	0.15401854	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.09460567	0.5602601	6.49E-05	0.023073	-0.017059
7w11w_SITTC	0.02434372	0.1362931	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.02886035	0.16354688	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.0505026	0.29413816	5.78E-05	0.0061018	0.048868
7w11w_SITTC	0.05146399	0.2999393	5.83E-05	0.0063316	0.053285

7w11w_SITTC	0.06765062	0.39761093	6.15E-05	0.011255	0.10492
7w11w_SITTC	0.01851089	0.10109725	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.10674574	0.63351446	6.58E-05	0.02556	-0.22263
7w11w_SITTC	0.01685214	0.09108821	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.09417195	0.557643	6.48E-05	0.022877	-0.0077738
7w11w_SITTC	0.08647677	0.5112096	6.40E-05	0.019681	0.099025
7w11w_SITTC	0.03020137	0.17163871	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.04208035	0.24331756	5.24E-05	0.0047963	-0.00654
7w11w_SITTC	0.02393611	0.13383354	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.03646586	0.20943923	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.00809635	0.03825495	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.0242625	0.13580303	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01827107	0.09965018	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.05411431	0.3159316	5.91E-05	0.0068337	0.062513
7w11w_SITTC	0.0193219	0.10599098	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01015641	0.05068554	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.11164865	0.66309905	6.61E-05	0.025525	-0.28705
7w11w_SITTC	0.00881785	0.04260857	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.04106366	0.2371828	5.14E-05	0.0046741	-0.017493
7w11w_SITTC	0.09560344	0.5662808	6.49E-05	0.023263	-0.035993
7w11w_SITTC	0.09401941	0.5567226	6.48E-05	0.022676	-0.0077738
7w11w_SITTC	0.01105336	0.05609786	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.04493072	0.26051697	5.46E-05	0.0051531	0.017239
7w11w_SITTC	0.0214208	0.11865591	3.47E-05	0.0044724	-0.0356
7w11w_SITTC	0.01888675	0.10336524	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.02357723	0.13166803	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02113623	0.11693879	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.08992177	0.5319971	6.44E-05	0.021137	0.05218
7w11w_SITTC	0.01083777	0.05479697	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.02393467	0.1338249	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.09817862	0.58181965	6.52E-05	0.024123	-0.084641
7w11w_SITTC	0.0154597	0.0826861	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.03079507	0.17522115	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.01361639	0.07156339	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01443849	0.07652402	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.03903357	0.224933	4.92E-05	0.0044639	-0.040459
7w11w_SITTC	0.02725382	0.15385294	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.01637541	0.08821161	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02094667	0.11579502	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.08697567	0.51422	6.41E-05	0.01993	0.093363
7w11w_SITTC	0.01623531	0.08736619	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02729344	0.15409198	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.00741369	0.03413573	3.19E-05	0.0075925	0.51404

7w11w_SITTC	0.02110359	0.11674185	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.05602714	0.32747382	5.97E-05	0.0073934	0.067199
7w11w_SITTC	0.1205261	0.7166664	6.66E-05	0.024561	-0.37215
7w11w_SITTC	0.04035893	0.23293035	5.09E-05	0.0046173	-0.023154
7w11w_SITTC	0.03509004	0.20113742	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.00796426	0.03745792	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.05966501	0.34942502	6.03E-05	0.0083426	0.077363
7w11w_SITTC	0.03241003	0.18496595	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.05446176	0.31802812	5.92E-05	0.0069681	0.062513
7w11w_SITTC	0.05225651	0.30472144	5.85E-05	0.0064518	0.055318
7w11w_SITTC	0.01261749	0.06553593	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.0818264	0.4831489	6.34E-05	0.017373	0.12948
7w11w_SITTC	0.01863685	0.10185731	3.36E-05	0.0048202	0.03364
7w11w_SITTC	0.0487121	0.28333417	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.00897599	0.04356282	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01830642	0.09986346	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.07887654	0.46534914	6.30E-05	0.016077	0.13613
7w11w_SITTC	0.05017709	0.29217407	5.76E-05	0.005992	0.048868
7w11w_SITTC	0.00898155	0.04359635	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.08615057	0.5092413	6.39E-05	0.01943	0.099025
7w11w_SITTC	0.02485956	0.13940574	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.03324763	0.19002011	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.14209403	0.84680927	6.74E-05	0.023584	-0.5021
7w11w_SITTC	0.01242106	0.06435067	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02292484	0.12773147	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02879022	0.16312368	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.06089946	0.35687384	6.06E-05	0.008866	0.080421
7w11w_SITTC	0.03786098	0.21785748	4.81E-05	0.0043756	-0.05192
7w11w_SITTC	0.02433696	0.13625228	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01612566	0.08670458	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01254057	0.06507181	3.23E-05	0.0060411	0.25518
7w11w_SITTC	0.07962925	0.46989107	6.31E-05	0.016335	0.13545
7w11w_SITTC	0.02307927	0.1286633	3.55E-05	0.0043197	-0.065623
7w11w_SITTC	0.01237617	0.06407981	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02525748	0.14180681	3.68E-05	0.0041768	-0.092011
7w11w_SITTC	0.01032101	0.05167877	3.20E-05	0.0066628	0.35381
7w11w_SITTC	0.01316317	0.06882867	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.01771254	0.09627993	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.0310545	0.17678659	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.02867411	0.16242309	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.01292433	0.06738745	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.04338515	0.25119084	5.33E-05	0.0049301	0.0036923
7w11w_SITTC	0.01913991	0.10489284	3.38E-05	0.004741	0.03364

7w11w_SITTC	0.09101293	0.53858125	6.45E-05	0.021597	0.036126
7w11w_SITTC	0.02744573	0.15501092	3.84E-05	0.0040947	-0.10472
7w11w_SITTC	0.03851163	0.22178356	4.87E-05	0.0044183	-0.040459
7w11w_SITTC	0.0072528	0.03316494	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.02709034	0.15286645	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.00731135	0.03351823	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.08591455	0.5078171	6.39E-05	0.01943	0.1043
7w11w_SITTC	0.02223921	0.12359431	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.12535289	0.7457917	6.68E-05	0.023978	-0.40938
7w11w_SITTC	0.02493275	0.1398474	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.03631513	0.2085297	4.65E-05	0.0042637	-0.062998
7w11w_SITTC	0.01223989	0.06325746	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.01105201	0.05608969	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.02032964	0.11207181	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.0797056	0.4703518	6.32E-05	0.016594	0.13545
7w11w_SITTC	0.01855242	0.10134789	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.1020809	0.60536635	6.55E-05	0.025029	-0.15246
7w11w_SITTC	0.01852044	0.10115489	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.01034391	0.05181699	3.20E-05	0.0066628	0.35381
7w11w_SITTC	0.01744825	0.09468518	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.02205715	0.12249576	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02262805	0.12594064	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02126787	0.11773312	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.09684338	0.5737627	6.51E-05	0.023799	-0.055297
7w11w_SITTC	0.07752047	0.4571665	6.29E-05	0.015562	0.13646
7w11w_SITTC	0.02587944	0.14555982	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.1060253	0.62916726	6.58E-05	0.025526	-0.21453
7w11w_SITTC	0.05645535	0.33005765	5.98E-05	0.0075425	0.068678
7w11w_SITTC	0.03521868	0.20191361	4.54E-05	0.0042028	-0.073417
7w11w_SITTC	0.05796878	0.33918983	6.00E-05	0.0078516	0.073002
7w11w_SITTC	0.01360328	0.07148428	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.07342807	0.4324726	6.23E-05	0.013561	0.12913
7w11w_SITTC	0.01404063	0.07412332	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.09060234	0.53610367	6.44E-05	0.021369	0.044278
7w11w_SITTC	0.10263798	0.6087278	6.55E-05	0.025127	-0.16182
7w11w_SITTC	0.02512327	0.14099698	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.0192279	0.10542376	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.04099622	0.23677583	5.14E-05	0.0046741	-0.017493
7w11w_SITTC	0.11456153	0.6806756	6.63E-05	0.025242	-0.3171
7w11w_SITTC	0.04812305	0.27977976	5.67E-05	0.0056831	0.038361
7w11w_SITTC	0.04851479	0.28214356	5.67E-05	0.0056831	0.041222
7w11w_SITTC	0.01516428	0.08090353	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.083277	0.4919019	6.36E-05	0.018151	0.12117

7w11w_SITTC	0.01637636	0.0882173	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01064334	0.05362376	3.21E-05	0.0064976	0.35381
7w11w_SITTC	0.01537454	0.08217224	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.0600227	0.3515834	6.04E-05	0.0085136	0.077363
7w11w_SITTC	0.03957422	0.22819534	4.98E-05	0.0045122	-0.034672
7w11w_SITTC	0.02874258	0.16283621	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.08293537	0.4898405	6.35E-05	0.017892	0.12434
7w11w_SITTC	0.01975815	0.10862334	3.40E-05	0.0046667	0.0032259
7w11w_SITTC	0.04456371	0.2583024	5.42E-05	0.0050757	0.012967
7w11w_SITTC	0.01176516	0.06039292	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01597689	0.08580685	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.15906613	0.9492205	6.78E-05	0.023695	-0.52658
7w11w_SITTC	0.02678707	0.15103652	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.0072986	0.0334413	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.02200265	0.12216687	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.08219855	0.48539442	6.35E-05	0.017633	0.1271
7w11w_SITTC	0.00828884	0.03941648	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.01400378	0.07390095	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.11890208	0.7068669	6.65E-05	0.024776	-0.3584
7w11w_SITTC	0.1152302	0.68471044	6.63E-05	0.025182	-0.32268
7w11w_SITTC	0.01518097	0.08100424	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02854035	0.16161595	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.00698961	0.03157681	3.18E-05	0.0078	0.54183
7w11w_SITTC	0.022657	0.12611529	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02146441	0.11891908	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.0182065	0.09926054	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.11187444	0.6644615	6.61E-05	0.025489	-0.28705
7w11w_SITTC	0.01436791	0.07609813	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.02646878	0.1491159	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.0225046	0.12519568	3.52E-05	0.0043661	-0.056631
7w11w_SITTC	0.01727842	0.09366041	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01848402	0.10093515	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02895747	0.16413292	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.08752604	0.517541	6.41E-05	0.020177	0.087329
7w11w_SITTC	0.02131853	0.11803885	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.0196148	0.10775838	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01731079	0.09385573	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.10897791	0.64698356	6.59E-05	0.025616	-0.25305
7w11w_SITTC	0.05538052	0.32357204	5.95E-05	0.007248	0.065685
7w11w_SITTC	0.03025671	0.1719726	4.07E-05	0.0040668	-0.10475
7w11w_SITTC	0.02672342	0.15065241	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.01630976	0.08781542	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.00281977	0.00641562	3.17E-05	0.0094663	0.74133

7w11w_SITTC	0.02029817	0.11188188	3.42E-05	0.0045972	-0.01065
7w11w_SITTC	0.10375038	0.61544013	6.56E-05	0.025296	-0.18011
7w11w_SITTC	0.02453675	0.13745789	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01644656	0.08864091	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.0115652	0.05918632	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.0178345	0.09701585	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.01757689	0.09546145	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.03215296	0.18341479	4.27E-05	0.004099	-0.097962
7w11w_SITTC	0.09977768	0.5914685	6.53E-05	0.024558	-0.10426
7w11w_SITTC	0.0609539	0.3572023	6.06E-05	0.008866	0.080421
7w11w_SITTC	0.01563723	0.08375735	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.02808976	0.15889703	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.00934883	0.04581253	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.03437263	0.19680847	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.02733634	0.15435086	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.0220931	0.12271266	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02531118	0.14213088	3.68E-05	0.0041768	-0.092011
7w11w_SITTC	0.09827878	0.582424	6.52E-05	0.024123	-0.084641
7w11w_SITTC	0.02027214	0.11172482	3.42E-05	0.0045972	-0.01065
7w11w_SITTC	0.0654814	0.38452166	6.12E-05	0.01041	0.095509
7w11w_SITTC	0.07532779	0.44393566	6.26E-05	0.014549	0.13345
7w11w_SITTC	0.02743615	0.15495314	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.09536919	0.56486726	6.49E-05	0.023263	-0.026471
7w11w_SITTC	0.00978441	0.04844087	3.20E-05	0.0068348	0.37961
7w11w_SITTC	0.02485331	0.13936801	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.02380812	0.13306125	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.13107967	0.78034765	6.70E-05	0.023618	-0.44608
7w11w_SITTC	0.01529166	0.08167213	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.1097296	0.65151936	6.60E-05	0.025599	-0.2602
7w11w_SITTC	0.1059223	0.62854576	6.58E-05	0.025526	-0.21453
7w11w_SITTC	0.07526441	0.4435532	6.26E-05	0.014549	0.13345
7w11w_SITTC	0.08517114	0.5033313	6.38E-05	0.018923	0.10916
7w11w_SITTC	0.02098211	0.11600882	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.01812273	0.0987551	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02176475	0.12073133	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02476755	0.13885054	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.0995937	0.5903584	6.53E-05	0.024558	-0.10426
7w11w_SITTC	0.01278748	0.06656171	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.09588195	0.5679613	6.50E-05	0.023448	-0.035993
7w11w_SITTC	0.03458116	0.19806674	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.01843197	0.10062106	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.02996619	0.17021962	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.02688931	0.15165341	3.80E-05	0.0041099	-0.099939

7w11w_SITTC	0.08712502	0.5151212	6.41E-05	0.01993	0.087329
7w11w_SITTC	0.02548337	0.14316985	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.01867721	0.10210083	3.38E-05	0.004741	0.03364
7w11w_SITTC	0.04883558	0.28407928	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.13181034	0.78475654	6.71E-05	0.023582	-0.44949
7w11w_SITTC	0.10070596	0.59706986	6.54E-05	0.024809	-0.12375
7w11w_SITTC	0.05194331	0.30283156	5.85E-05	0.0064518	0.055318
7w11w_SITTC	0.01401368	0.07396071	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.02263754	0.12599786	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.0122169	0.06311873	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02263083	0.1259574	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.01989555	0.10945244	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.02087355	0.11535379	3.44E-05	0.0045325	-0.023601
7w11w_SITTC	0.036695	0.21082185	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.02360569	0.1318398	3.58E-05	0.0042778	-0.073623
7w11w_SITTC	0.0191742	0.10509978	3.38E-05	0.004741	0.017998
7w11w_SITTC	0.05993035	0.3510261	6.04E-05	0.0085136	0.077363
7w11w_SITTC	0.00788537	0.03698191	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.11883274	0.7064485	6.65E-05	0.024776	-0.3584
7w11w_SITTC	0.06352148	0.37269533	6.09E-05	0.0096122	0.089169
7w11w_SITTC	0.02332788	0.13016345	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.04820883	0.28029737	5.67E-05	0.0056831	0.038361
7w11w_SITTC	0.12000082	0.7134968	6.65E-05	0.024632	-0.36766
7w11w_SITTC	0.00917051	0.04473654	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.01154369	0.05905652	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.10982215	0.6520778	6.60E-05	0.025599	-0.26716
7w11w_SITTC	0.07107624	0.41828144	6.20E-05	0.012608	0.11916
7w11w_SITTC	0.04697808	0.27287093	5.61E-05	0.0054936	0.032113
7w11w_SITTC	0.0618715	0.36273918	6.07E-05	0.0090475	0.083692
7w11w_SITTC	0.01921799	0.10536394	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.03327621	0.19019257	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.01368651	0.07198655	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.02988493	0.16972929	4.07E-05	0.0040668	-0.10597
7w11w_SITTC	0.02484313	0.13930659	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.02640083	0.14870593	3.76E-05	0.0041286	-0.099939
7w11w_SITTC	0.06816699	0.4007267	6.16E-05	0.011474	0.10734
7w11w_SITTC	0.02411325	0.13490243	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.03919018	0.225878	4.98E-05	0.0045122	-0.034672
7w11w_SITTC	0.01974997	0.10857397	3.40E-05	0.0046667	0.0032259
7w11w_SITTC	0.09223873	0.54597783	6.46E-05	0.022042	0.019141
7w11w_SITTC	0.02470196	0.13845478	3.64E-05	0.0042065	-0.086782
7w11w_SITTC	0.01544756	0.08261284	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01190188	0.0612179	3.22E-05	0.0061869	0.30353

7w11w_SITTC	0.01238807	0.06415159	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.05399784	0.31522882	5.91E-05	0.0068337	0.062513
7w11w_SITTC	0.01535864	0.0820763	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.0148121	0.07877842	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.01940325	0.10648184	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01668181	0.09006041	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.0310688	0.17687283	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.04358646	0.25240558	5.33E-05	0.0049301	0.008455
7w11w_SITTC	0.02810301	0.15897703	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.10867301	0.64514375	6.59E-05	0.025616	-0.25305
7w11w_SITTC	0.06215664	0.36445972	6.07E-05	0.0092324	0.083692
7w11w_SITTC	0.0733471	0.43198398	6.23E-05	0.013561	0.12913
7w11w_SITTC	0.01702219	0.09211432	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.03158802	0.18000591	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.01604319	0.08620696	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.01181895	0.06071746	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01581096	0.08480565	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.02174701	0.12062433	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.07008937	0.41232654	6.18E-05	0.012147	0.11689
7w11w_SITTC	0.0200769	0.11054671	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.0325886	0.18604347	4.32E-05	0.0041142	-0.094772
7w11w_SITTC	0.01797066	0.09783749	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.0167265	0.09033009	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.02396006	0.13397808	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.00861106	0.0413608	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.01979735	0.1088599	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.00793054	0.03725449	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.13102071	0.7799918	6.70E-05	0.023618	-0.44608
7w11w_SITTC	0.07883418	0.46509355	6.30E-05	0.016077	0.13613
7w11w_SITTC	0.10230202	0.6067006	6.55E-05	0.025029	-0.15246
7w11w_SITTC	0.0347357	0.19899927	4.54E-05	0.0042028	-0.078293
7w11w_SITTC	0.02416282	0.13520151	3.61E-05	0.0042401	-0.080664
7w11w_SITTC	0.05288463	0.30851158	5.87E-05	0.0065755	0.059084
7w11w_SITTC	0.11053253	0.65636426	6.60E-05	0.02558	-0.27396
7w11w_SITTC	0.08819379	0.52157027	6.42E-05	0.020421	0.080939
7w11w_SITTC	0.11854757	0.70472777	6.65E-05	0.024776	-0.35363
7w11w_SITTC	0.12673962	0.75415933	6.68E-05	0.023879	-0.41707
7w11w_SITTC	0.03988219	0.23005368	5.03E-05	0.0045634	-0.028892
7w11w_SITTC	0.03156203	0.17984907	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.00936278	0.04589676	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.02945887	0.1671584	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.03967482	0.22880235	4.98E-05	0.0045122	-0.028892
7w11w_SITTC	0.02540386	0.14269006	3.72E-05	0.0041509	-0.092011

7w11w_SITTC	0.02322597	0.12954848	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.02207512	0.12260412	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.02714863	0.15321818	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.02905086	0.16469646	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.02647194	0.14913501	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.08553099	0.5055027	6.39E-05	0.019177	0.1043
7w11w_SITTC	0.01798855	0.09794539	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.01002692	0.04990424	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.09683564	0.5737159	6.51E-05	0.023799	-0.055297
7w11w_SITTC	0.03302813	0.18869562	4.32E-05	0.0041142	-0.091175
7w11w_SITTC	0.01514882	0.08081023	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.02644287	0.14895959	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.01540755	0.08237145	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.01985964	0.10923577	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.09282499	0.5495153	6.46E-05	0.022258	0.010343
7w11w_SITTC	0.06439906	0.37799075	6.10E-05	0.010005	0.091185
7w11w_SITTC	0.02963039	0.16819334	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.01171418	0.06008527	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01138893	0.05812272	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.03698498	0.21257162	4.76E-05	0.0043355	-0.057524
7w11w_SITTC	0.06560076	0.38524187	6.12E-05	0.01041	0.097788
7w11w_SITTC	0.05296722	0.30900994	5.87E-05	0.0065755	0.059084
7w11w_SITTC	0.01506138	0.08028259	3.27E-05	0.0054028	0.16515
7w11w_SITTC	0.05908971	0.34595358	6.02E-05	0.0081753	0.075889
7w11w_SITTC	0.0583437	0.34145212	6.01E-05	0.0080116	0.073002
7w11w_SITTC	0.0114207	0.05831442	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.03742916	0.21525185	4.76E-05	0.0043355	-0.05192
7w11w_SITTC	0.02814397	0.15922418	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.0794842	0.46901584	6.31E-05	0.016335	0.13545
7w11w_SITTC	0.00841072	0.04015193	3.19E-05	0.0071994	0.45929
7w11w_SITTC	0.01949855	0.10705691	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.02383016	0.13319421	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.04881594	0.28396073	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.00950883	0.04677804	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.02242665	0.12472533	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.03132544	0.17842144	4.16E-05	0.0040771	-0.10071
7w11w_SITTC	0.00874627	0.04217667	3.19E-05	0.0070136	0.43237
7w11w_SITTC	0.02680686	0.15115592	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.04909881	0.28566763	5.70E-05	0.0057827	0.04392
7w11w_SITTC	0.11043706	0.6557882	6.60E-05	0.02558	-0.27396
7w11w_SITTC	0.02103551	0.11633107	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.0633039	0.37138245	6.09E-05	0.0096122	0.087254
7w11w_SITTC	0.02005073	0.11038879	3.42E-05	0.0045972	0.0032259

7w11w_SITTC	0.11548205	0.6862301	6.63E-05	0.025182	-0.32814
7w11w_SITTC	0.05998566	0.35135987	6.04E-05	0.0085136	0.077363
7w11w_SITTC	0.08082647	0.47711518	6.33E-05	0.017113	0.13314
7w11w_SITTC	0.02736747	0.15453872	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.05205473	0.3035039	5.85E-05	0.0064518	0.055318
7w11w_SITTC	0.09322762	0.55194485	6.47E-05	0.022469	0.0013661
7w11w_SITTC	0.05228935	0.3049196	5.85E-05	0.0064518	0.055318
7w11w_SITTC	0.02177056	0.12076645	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.01949711	0.10704823	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01730012	0.0937914	3.33E-05	0.0049935	0.085504
7w11w_SITTC	0.01532317	0.08186229	3.27E-05	0.0054028	0.1442
7w11w_SITTC	0.02169761	0.1203262	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.08493195	0.50188804	6.38E-05	0.018923	0.10916
7w11w_SITTC	0.10605637	0.6293547	6.58E-05	0.025526	-0.21453
7w11w_SITTC	0.03556039	0.20397554	4.59E-05	0.0042319	-0.073417
7w11w_SITTC	0.01111501	0.05646984	3.21E-05	0.006339	0.32844
7w11w_SITTC	0.0245158	0.13733143	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.02141196	0.11860257	3.47E-05	0.0044724	-0.0356
7w11w_SITTC	0.00755805	0.03500684	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.02231487	0.12405081	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.04897832	0.28494054	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.01933847	0.10609095	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.04733495	0.27502432	5.61E-05	0.0054936	0.035328
7w11w_SITTC	0.09424602	0.5580899	6.48E-05	0.022877	-0.0077738
7w11w_SITTC	0.03609461	0.20719907	4.65E-05	0.0042637	-0.068307
7w11w_SITTC	0.02309667	0.1287683	3.58E-05	0.0042778	-0.065623
7w11w_SITTC	0.0373894	0.21501194	4.76E-05	0.0043355	-0.05192
7w11w_SITTC	0.04486739	0.26013482	5.46E-05	0.0051531	0.017239
7w11w_SITTC	0.02916616	0.16539216	3.97E-05	0.0040686	-0.10661
7w11w_SITTC	0.02562009	0.14399487	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.02509114	0.14080308	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.02701602	0.152418	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.03841826	0.22122021	4.87E-05	0.0044183	-0.04622
7w11w_SITTC	0.03094747	0.17614073	4.16E-05	0.0040771	-0.10299
7w11w_SITTC	0.02442115	0.13676032	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.0263164	0.14819641	3.76E-05	0.0041286	-0.096385
7w11w_SITTC	0.05761588	0.3370604	6.00E-05	0.0078516	0.071569
7w11w_SITTC	0.1287603	0.7663523	6.69E-05	0.023723	-0.43195
7w11w_SITTC	0.02466827	0.1382515	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01804873	0.09830856	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.013888	0.07320233	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.08040728	0.47458574	6.32E-05	0.016854	0.13446
7w11w_SITTC	0.09123036	0.5398932	6.45E-05	0.021597	0.036126

7w11w_SITTC	0.01995932	0.10983723	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.01350488	0.07089053	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.0218845	0.12145396	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02045775	0.11284478	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.01790131	0.09741899	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.0212037	0.11734592	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.0207209	0.11443268	3.44E-05	0.0045325	-0.01065
7w11w_SITTC	0.03312144	0.18925866	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.00948543	0.0466368	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.0540113	0.31531006	5.91E-05	0.0068337	0.062513
7w11w_SITTC	0.06823378	0.40112975	6.16E-05	0.011474	0.10734
7w11w_SITTC	0.02436498	0.1364214	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.0489626	0.28484568	5.70E-05	0.0057827	0.041222
7w11w_SITTC	0.03334548	0.19061059	4.37E-05	0.0041322	-0.091175
7w11w_SITTC	0.02902455	0.1645377	3.97E-05	0.0040686	-0.10664
7w11w_SITTC	0.08687429	0.5136083	6.41E-05	0.01993	0.093363
7w11w_SITTC	0.01627335	0.08759575	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.05008382	0.29161122	5.76E-05	0.005992	0.046466
7w11w_SITTC	0.12317267	0.73263603	6.67E-05	0.024217	-0.39346
7w11w_SITTC	0.02032402	0.11203784	3.42E-05	0.0045972	-0.01065
7w11w_SITTC	0.01436194	0.07606214	3.26E-05	0.0055188	0.18676
7w11w_SITTC	0.01192254	0.06134256	3.22E-05	0.0061869	0.30353
7w11w_SITTC	0.01958774	0.10759507	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.01676525	0.09056395	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.00782364	0.03660945	3.19E-05	0.0073923	0.48652
7w11w_SITTC	0.04747595	0.2758751	5.61E-05	0.0054936	0.035328
7w11w_SITTC	0.02545021	0.14296976	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.02109743	0.11670472	3.47E-05	0.0044724	-0.023601
7w11w_SITTC	0.02388338	0.13351536	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.01013487	0.0505556	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.12218627	0.726684	6.66E-05	0.02435	-0.38515
7w11w_SITTC	0.02472526	0.13859536	3.64E-05	0.0042065	-0.086782
7w11w_SITTC	0.02723089	0.15371454	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.12615079	0.7506063	6.68E-05	0.023927	-0.41325
7w11w_SITTC	0.07275699	0.42842323	6.22E-05	0.01332	0.12737
7w11w_SITTC	0.01031977	0.05167129	3.20E-05	0.0066628	0.37961
7w11w_SITTC	0.01269191	0.06598499	3.23E-05	0.0059016	0.25518
7w11w_SITTC	0.01347815	0.07072929	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.08509366	0.50286376	6.38E-05	0.018923	0.10916
7w11w_SITTC	0.08939589	0.52882385	6.43E-05	0.020902	0.059815
7w11w_SITTC	0.02209949	0.12275121	3.52E-05	0.0043661	-0.046619
7w11w_SITTC	0.05350213	0.31223765	5.89E-05	0.0067028	0.060836
7w11w_SITTC	0.02406748	0.13462625	3.61E-05	0.0042401	-0.073623

7w11w_SITTC	0.0093386	0.04575085	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.02763917	0.15617815	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.01625682	0.08749602	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.03078615	0.17516732	4.11E-05	0.0040705	-0.10299
7w11w_SITTC	0.01952565	0.10722044	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.0829718	0.49006036	6.36E-05	0.018151	0.12434
7w11w_SITTC	0.08308009	0.49071375	6.36E-05	0.018151	0.12434
7w11w_SITTC	0.06503949	0.3818551	6.11E-05	0.010206	0.095509
7w11w_SITTC	0.00969705	0.04791375	3.20E-05	0.0068348	0.4058
7w11w_SITTC	0.1086442	0.6449699	6.59E-05	0.025616	-0.24573
7w11w_SITTC	0.01660518	0.08959805	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.12494402	0.7433246	6.68E-05	0.024034	-0.40548
7w11w_SITTC	0.01606613	0.08634539	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.02533994	0.14230439	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.05012894	0.2918835	5.76E-05	0.005992	0.048868
7w11w_SITTC	0.02732875	0.15430503	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.09825233	0.5822644	6.52E-05	0.024123	-0.084641
7w11w_SITTC	0.01227449	0.06346625	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02656791	0.14971407	3.80E-05	0.0041099	-0.099939
7w11w_SITTC	0.0352766	0.20226315	4.54E-05	0.0042028	-0.073417
7w11w_SITTC	0.02011182	0.1107574	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.0826792	0.48829472	6.35E-05	0.017892	0.1271
7w11w_SITTC	0.039851	0.22986545	5.03E-05	0.0045634	-0.028892
7w11w_SITTC	0.0131506	0.06875282	3.24E-05	0.0057681	0.23179
7w11w_SITTC	0.0236159	0.13190137	3.58E-05	0.0042778	-0.073623
7w11w_SITTC	0.02461657	0.1379395	3.64E-05	0.0042065	-0.080664
7w11w_SITTC	0.01684	0.09101494	3.31E-05	0.0050879	0.10435
7w11w_SITTC	0.0072228	0.03298392	3.19E-05	0.0075925	0.51404
7w11w_SITTC	0.02306766	0.12859328	3.55E-05	0.0043197	-0.065623
7w11w_SITTC	0.1164287	0.69194233	6.64E-05	0.025054	-0.33868
7w11w_SITTC	0.03175129	0.18099108	4.22E-05	0.0040866	-0.10071
7w11w_SITTC	0.02801707	0.15845843	3.88E-05	0.0040827	-0.10603
7w11w_SITTC	0.02841632	0.16086759	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.08803781	0.52062905	6.42E-05	0.020421	0.080939
7w11w_SITTC	0.02928886	0.16613254	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.02302351	0.12832683	3.55E-05	0.0043197	-0.056631
7w11w_SITTC	0.02545662	0.14300846	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.02380495	0.13304211	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.02483531	0.1392594	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.05143848	0.2997854	5.83E-05	0.0063316	0.053285
7w11w_SITTC	0.01538928	0.08226121	3.28E-05	0.0052924	0.1442
7w11w_SITTC	0.08066899	0.47616494	6.32E-05	0.016854	0.13314
7w11w_SITTC	0.04734431	0.27508077	5.61E-05	0.0054936	0.035328

7w11w_SITTC	0.05068044	0.2952113	5.78E-05	0.0061018	0.051138
7w11w_SITTC	0.01924216	0.10550983	3.40E-05	0.0046667	0.017998
7w11w_SITTC	0.05919302	0.346577	6.03E-05	0.0083426	0.075889
7w11w_SITTC	0.02394593	0.1338928	3.61E-05	0.0042401	-0.073623
7w11w_SITTC	0.01617498	0.08700217	3.30E-05	0.0051875	0.12392
7w11w_SITTC	0.11679582	0.69415754	6.64E-05	0.024986	-0.33868
7w11w_SITTC	0.01251833	0.06493758	3.23E-05	0.0060411	0.2791
7w11w_SITTC	0.02146242	0.11890705	3.49E-05	0.0044169	-0.0356
7w11w_SITTC	0.02775265	0.15686291	3.88E-05	0.0040827	-0.10472
7w11w_SITTC	0.07810054	0.4606667	6.29E-05	0.015819	0.13662
7w11w_SITTC	0.02502385	0.1403971	3.68E-05	0.0041768	-0.086782
7w11w_SITTC	0.03660658	0.21028832	4.70E-05	0.0042982	-0.062998
7w11w_SITTC	0.11010303	0.65377265	6.60E-05	0.025599	-0.26716
7w11w_SITTC	0.03409165	0.19511303	4.43E-05	0.004153	-0.082901
7w11w_SITTC	0.02835519	0.1604987	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.03431846	0.19648159	4.48E-05	0.0041765	-0.082901
7w11w_SITTC	0.02939019	0.16674396	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.02699312	0.15227982	3.84E-05	0.0040947	-0.10271
7w11w_SITTC	0.01846423	0.10081573	3.36E-05	0.0048202	0.050123
7w11w_SITTC	0.01987667	0.10933852	3.42E-05	0.0045972	0.0032259
7w11w_SITTC	0.04773217	0.2774212	5.64E-05	0.0055867	0.035328
7w11w_SITTC	0.01391328	0.07335489	3.25E-05	0.0056405	0.20898
7w11w_SITTC	0.03740564	0.21510994	4.76E-05	0.0043355	-0.05192
7w11w_SITTC	0.12009909	0.71408975	6.66E-05	0.024561	-0.36766
7w11w_SITTC	0.07248489	0.42678133	6.22E-05	0.01332	0.12548
7w11w_SITTC	0.03057085	0.17386821	4.11E-05	0.0040705	-0.10475
7w11w_SITTC	0.06609719	0.38823736	6.13E-05	0.010616	0.097788
7w11w_SITTC	0.02964368	0.16827352	4.02E-05	0.0040662	-0.10661
7w11w_SITTC	0.11798852	0.7013544	6.65E-05	0.024847	-0.34876
7w11w_SITTC	0.11729132	0.6971474	6.64E-05	0.024986	-0.34377
7w11w_SITTC	0.09900567	0.5868101	6.52E-05	0.024275	-0.094455
7w11w_SITTC	0.02818329	0.15946141	3.93E-05	0.004074	-0.10603
7w11w_SITTC	0.13945231	0.8308689	6.73E-05	0.023544	-0.49075
7w11w_SITTC	0.01784656	0.09708867	3.34E-05	0.0049043	0.067421
7w11w_SITTC	0.02546511	0.1430597	3.72E-05	0.0041509	-0.092011
7w11w_SITTC	0.08320902	0.4914917	6.36E-05	0.018151	0.12434
7w11w_SITTC	0.10342535	0.6134789	6.56E-05	0.025216	-0.17104
7w11w_SITTC	0.11145926	0.6619562	6.61E-05	0.025525	-0.28705
7w11w_SITTC	0.08778491	0.51910305	6.41E-05	0.020177	0.080939
7w11w_SITTC	0.10911126	0.64778817	6.60E-05	0.025611	-0.25305
7w11w_SITTC	0.12501405	0.7437471	6.68E-05	0.024034	-0.40548
7w11w_SITTC	0.06842542	0.4022861	6.16E-05	0.011474	0.10977
7w11w_SITTC	0.08292624	0.48978537	6.35E-05	0.017892	0.12434

7w11w_SITTI	0.08355766	0.49359545	6.37E-05	0.01841	0.12117
7w11w_SITTI	0.08472569	0.50064343	6.38E-05	0.018923	0.1136
7w11w_SITTI	0.01953225	0.10726027	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.08320332	0.49145734	6.36E-05	0.018151	0.12434
7w11w_SITTI	0.10831305	0.6429717	6.59E-05	0.025614	-0.24573
7w11w_SITTI	0.10549232	0.62595123	6.57E-05	0.025482	-0.20623
7w11w_SITTI	0.10904041	0.6473607	6.60E-05	0.025611	-0.25305
7w11w_SITTI	0.08629596	0.5101186	6.40E-05	0.019681	0.099025
7w11w_SITTI	0.08737498	0.51662946	6.41E-05	0.01993	0.087329
7w11w_SITTI	0.11252699	0.66839904	6.62E-05	0.025448	-0.29951
7w11w_SITTI	0.0494802	0.28796893	5.73E-05	0.0058857	0.04392
7w11w_SITTI	0.047901	0.2784399	5.64E-05	0.0055867	0.038361
7w11w_SITTI	0.02267082	0.12619863	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.03080414	0.1752759	4.11E-05	0.0040705	-0.10299
7w11w_SITTI	0.13650428	0.8130802	6.72E-05	0.023527	-0.4775
7w11w_SITTI	0.09785257	0.5798522	6.51E-05	0.023964	-0.074831
7w11w_SITTI	0.02754335	0.15559997	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.05415123	0.31615436	5.92E-05	0.0069681	0.062513
7w11w_SITTI	0.02093885	0.11574782	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.10896785	0.6469228	6.59E-05	0.025616	-0.25305
7w11w_SITTI	0.04573667	0.26538014	5.50E-05	0.0052335	0.025099
7w11w_SITTI	0.0131724	0.06888433	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.02158525	0.11964826	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.01265643	0.06577095	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.10582273	0.6279449	6.58E-05	0.025526	-0.20623
7w11w_SITTI	0.01046159	0.05252704	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.00862495	0.04144463	3.19E-05	0.0071994	0.45929
7w11w_SITTI	0.13230562	0.7877451	6.71E-05	0.023568	-0.45284
7w11w_SITTI	0.01688868	0.0913087	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.01765943	0.09595946	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.02213767	0.12298159	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.03676948	0.2112713	4.70E-05	0.0042982	-0.062998
7w11w_SITTI	0.07615945	0.44895396	6.26E-05	0.0148	0.1354
7w11w_SITTI	0.01860608	0.10167163	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.01913986	0.10489252	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.11909284	0.70801795	6.65E-05	0.024704	-0.3584
7w11w_SITTI	0.01418062	0.07496804	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.02879665	0.16316248	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.0195754	0.10752064	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.10400988	0.617006	6.56E-05	0.025296	-0.18011
7w11w_SITTI	0.09319646	0.5517568	6.47E-05	0.022469	0.0013661
7w11w_SITTI	0.07051092	0.41487026	6.19E-05	0.012376	0.11689
7w11w_SITTI	0.01040087	0.05216067	3.21E-05	0.0064976	0.35381

7w11w_SITTI	0.07297706	0.42975113	6.22E-05	0.01332	0.12737
7w11w_SITTI	0.11752667	0.69856757	6.64E-05	0.024917	-0.34876
7w11w_SITTI	0.02619175	0.1474443	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.03732342	0.21461384	4.76E-05	0.0043355	-0.057524
7w11w_SITTI	0.07292705	0.42944938	6.22E-05	0.01332	0.12737
7w11w_SITTI	0.014947	0.07959243	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.03202418	0.18263774	4.27E-05	0.004099	-0.097962
7w11w_SITTI	0.12397141	0.7374557	6.67E-05	0.024153	-0.39752
7w11w_SITTI	0.07045158	0.41451216	6.19E-05	0.012376	0.11689
7w11w_SITTI	0.0251375	0.14108284	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.12320326	0.7328206	6.67E-05	0.024217	-0.39346
7w11w_SITTI	0.02631124	0.14816532	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.11992759	0.7130549	6.65E-05	0.024632	-0.36766
7w11w_SITTI	0.01493595	0.07952572	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.05692632	0.3328995	5.99E-05	0.0076952	0.070131
7w11w_SITTI	0.02243047	0.12474837	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.0097209	0.04805764	3.20E-05	0.0068348	0.4058
7w11w_SITTI	0.10664275	0.632893	6.58E-05	0.02556	-0.22263
7w11w_SITTI	0.04880465	0.28389263	5.70E-05	0.0057827	0.041222
7w11w_SITTI	0.0513436	0.29921287	5.81E-05	0.006215	0.053285
7w11w_SITTI	0.00932225	0.04565216	3.20E-05	0.0068348	0.4058
7w11w_SITTI	0.0423044	0.24466951	5.24E-05	0.0047963	-0.00654
7w11w_SITTI	0.02587277	0.14551951	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.0838161	0.4951549	6.37E-05	0.01841	0.1176
7w11w_SITTI	0.11915954	0.70842046	6.65E-05	0.024704	-0.36308
7w11w_SITTI	0.02340813	0.13064766	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.01625362	0.0874767	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.1122536	0.66674936	6.61E-05	0.025489	-0.29336
7w11w_SITTI	0.02923759	0.16582315	4.02E-05	0.0040662	-0.10661
7w11w_SITTI	0.01345284	0.07057653	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.03850614	0.22175045	4.87E-05	0.0044183	-0.040459
7w11w_SITTI	0.03290991	0.1879823	4.32E-05	0.0041142	-0.094772
7w11w_SITTI	0.10145803	0.6016079	6.54E-05	0.024923	-0.13341
7w11w_SITTI	0.0243132	0.13610896	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.01192634	0.06136551	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.01106997	0.0561981	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.04539354	0.2633097	5.50E-05	0.0052335	0.021279
7w11w_SITTI	0.13037169	0.7760756	6.70E-05	0.02364	-0.44263
7w11w_SITTI	0.07620687	0.44924012	6.26E-05	0.0148	0.1354
7w11w_SITTI	0.10384081	0.6159858	6.56E-05	0.025296	-0.18011
7w11w_SITTI	0.03787246	0.21792676	4.81E-05	0.0043756	-0.05192
7w11w_SITTI	0.02398306	0.13411687	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.04933455	0.28709006	5.73E-05	0.0058857	0.04392

7w11w_SITTI	0.08872839	0.52479607	6.42E-05	0.020663	0.074212
7w11w_SITTI	0.02182086	0.12106991	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.02502118	0.14038093	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.0767222	0.45234963	6.27E-05	0.015053	0.13605
7w11w_SITTI	0.02761561	0.156036	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.01668988	0.09010914	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.01524887	0.08141393	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.08193664	0.4838141	6.35E-05	0.017633	0.12948
7w11w_SITTI	0.07116967	0.4188452	6.20E-05	0.012608	0.12136
7w11w_SITTI	0.02256188	0.12554134	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.13191418	0.7853831	6.71E-05	0.023582	-0.45284
7w11w_SITTI	0.0252818	0.14195359	3.68E-05	0.0041768	-0.092011
7w11w_SITTI	0.1158096	0.68820655	6.63E-05	0.025119	-0.32814
7w11w_SITTI	0.03502541	0.20074745	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.01360342	0.07148517	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.06881473	0.40463528	6.16E-05	0.011695	0.10977
7w11w_SITTI	0.03962884	0.22852494	4.98E-05	0.0045122	-0.028892
7w11w_SITTI	0.07290444	0.42931294	6.22E-05	0.01332	0.12737
7w11w_SITTI	0.10697555	0.6349011	6.58E-05	0.025586	-0.22263
7w11w_SITTI	0.06686715	0.3928834	6.13E-05	0.010826	0.10251
7w11w_SITTI	0.14609763	0.8709673	6.75E-05	0.02365	-0.51443
7w11w_SITTI	0.0443516	0.2570225	5.42E-05	0.0050757	0.012967
7w11w_SITTI	0.11969864	0.71167344	6.65E-05	0.024632	-0.36766
7w11w_SITTI	0.01281894	0.0667515	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.11205382	0.66554385	6.61E-05	0.025489	-0.29336
7w11w_SITTI	0.02877341	0.16302226	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.01998249	0.10997705	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.09838057	0.5830383	6.52E-05	0.024123	-0.084641
7w11w_SITTI	0.0329539	0.18824776	4.32E-05	0.0041142	-0.094772
7w11w_SITTI	0.01231343	0.06370122	3.23E-05	0.0060411	0.2791
7w11w_SITTI	0.02275115	0.1266834	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.07184899	0.42294425	6.20E-05	0.012843	0.12348
7w11w_SITTI	0.03106027	0.17682138	4.16E-05	0.0040771	-0.10299
7w11w_SITTI	0.01230349	0.06364127	3.23E-05	0.0060411	0.2791
7w11w_SITTI	0.01233574	0.06383585	3.23E-05	0.0060411	0.2791
7w11w_SITTI	0.01560623	0.08357029	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.07455082	0.4392473	6.24E-05	0.014051	0.13218
7w11w_SITTI	0.02878984	0.16312137	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.05052455	0.29427063	5.78E-05	0.0061018	0.048868
7w11w_SITTI	0.01208514	0.06232369	3.23E-05	0.0060411	0.2791
7w11w_SITTI	0.02506878	0.14066817	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.08250731	0.48725757	6.35E-05	0.017892	0.1271
7w11w_SITTI	0.04857289	0.2824942	5.67E-05	0.0056831	0.041222

7w11w_SITTI	0.09657265	0.5721291	6.50E-05	0.023626	-0.055297
7w11w_SITTI	0.04202627	0.24299122	5.24E-05	0.0047963	-0.00654
7w11w_SITTI	0.06088568	0.3567907	6.06E-05	0.008866	0.080421
7w11w_SITTI	0.12603332	0.7498975	6.68E-05	0.023927	-0.41325
7w11w_SITTI	0.11016101	0.6541225	6.60E-05	0.02558	-0.26716
7w11w_SITTI	0.10171732	0.6031725	6.54E-05	0.024923	-0.14299
7w11w_SITTI	0.02216193	0.12312798	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.01428713	0.07561073	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.01551621	0.08302712	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.02489995	0.13964948	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.10046184	0.5955968	6.53E-05	0.024687	-0.12375
7w11w_SITTI	0.01648794	0.08889061	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.08095731	0.4779047	6.33E-05	0.017113	0.13314
7w11w_SITTI	0.11364171	0.67512536	6.62E-05	0.025353	-0.31137
7w11w_SITTI	0.02011561	0.11078031	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.01231739	0.0637251	3.23E-05	0.0060411	0.2791
7w11w_SITTI	0.08653159	0.5115404	6.40E-05	0.019681	0.099025
7w11w_SITTI	0.02386006	0.13337466	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.06947558	0.40862292	6.17E-05	0.01192	0.11455
7w11w_SITTI	0.07025948	0.41335303	6.19E-05	0.012376	0.11689
7w11w_SITTI	0.08919445	0.52760834	6.43E-05	0.020902	0.067165
7w11w_SITTI	0.08010043	0.4727342	6.32E-05	0.016594	0.13446
7w11w_SITTI	0.04776235	0.27760327	5.64E-05	0.0055867	0.035328
7w11w_SITTI	0.09818529	0.5818599	6.52E-05	0.024123	-0.084641
7w11w_SITTI	0.01387893	0.07314759	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.00689764	0.03102183	3.18E-05	0.0078	0.54183
7w11w_SITTI	0.01018204	0.05084023	3.20E-05	0.0066628	0.37961
7w11w_SITTI	0.0644629	0.37837595	6.10E-05	0.010005	0.093303
7w11w_SITTI	0.10837511	0.6433462	6.59E-05	0.025614	-0.24573
7w11w_SITTI	0.13337947	0.79422486	6.71E-05	0.023556	-0.45937
7w11w_SITTI	0.07224879	0.42535672	6.21E-05	0.01308	0.12548
7w11w_SITTI	0.01922028	0.10537779	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.08687328	0.5136022	6.41E-05	0.01993	0.093363
7w11w_SITTI	0.08080333	0.47697556	6.33E-05	0.017113	0.13314
7w11w_SITTI	0.01532336	0.0818634	3.27E-05	0.0054028	0.1442
7w11w_SITTI	0.00935441	0.04584621	3.20E-05	0.0068348	0.4058
7w11w_SITTI	0.12537946	0.745952	6.68E-05	0.023978	-0.40938
7w11w_SITTI	0.06209588	0.36409312	6.07E-05	0.0092324	0.083692
7w11w_SITTI	0.02438377	0.1365348	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.13048851	0.77678055	6.70E-05	0.02364	-0.44263
7w11w_SITTI	0.10656146	0.6324025	6.58E-05	0.02556	-0.22263
7w11w_SITTI	0.05324171	0.31066626	5.89E-05	0.0067028	0.059084
7w11w_SITTI	0.00831048	0.03954706	3.19E-05	0.0071994	0.45929

7w11w_SITTI	0.0167638	0.09055518	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.01805711	0.09835912	3.34E-05	0.0049043	0.050123
7w11w_SITTI	0.08785027	0.5194974	6.41E-05	0.020177	0.080939
7w11w_SITTI	0.07237701	0.42613038	6.21E-05	0.01308	0.12548
7w11w_SITTI	0.10425338	0.6184753	6.56E-05	0.025367	-0.18901
7w11w_SITTI	0.0859765	0.50819093	6.39E-05	0.01943	0.1043
7w11w_SITTI	0.02696705	0.15212254	3.80E-05	0.0041099	-0.10271
7w11w_SITTI	0.01655225	0.08927865	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.04573559	0.26537362	5.50E-05	0.0052335	0.025099
7w11w_SITTI	0.09309283	0.5511315	6.47E-05	0.022469	0.010343
7w11w_SITTI	0.06896242	0.40552643	6.16E-05	0.011695	0.11218
7w11w_SITTI	0.02295678	0.1279242	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.03179704	0.18126716	4.22E-05	0.0040866	-0.10071
7w11w_SITTI	0.07163681	0.42166397	6.20E-05	0.012843	0.12136
7w11w_SITTI	0.08839616	0.5227914	6.42E-05	0.020421	0.074212
7w11w_SITTI	0.01692875	0.0915505	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.09592433	0.56821704	6.50E-05	0.023448	-0.035993
7w11w_SITTI	0.01193048	0.0613905	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.05328969	0.31095573	5.89E-05	0.0067028	0.059084
7w11w_SITTI	0.02143763	0.11875747	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.0710028	0.4178383	6.20E-05	0.012608	0.11916
7w11w_SITTI	0.12409028	0.738173	6.67E-05	0.024092	-0.39752
7w11w_SITTI	0.0114756	0.05864569	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.09719147	0.57586306	6.51E-05	0.023799	-0.065044
7w11w_SITTI	0.04319436	0.25003958	5.33E-05	0.0049301	0.0036923
7w11w_SITTI	0.04539577	0.2633231	5.50E-05	0.0052335	0.021279
7w11w_SITTI	0.03075028	0.17495085	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.08484884	0.5013866	6.38E-05	0.018923	0.1136
7w11w_SITTI	0.08070689	0.47639364	6.32E-05	0.016854	0.13314
7w11w_SITTI	0.02551401	0.14335473	3.72E-05	0.0041509	-0.092011
7w11w_SITTI	0.14013398	0.8349821	6.74E-05	0.023558	-0.49317
7w11w_SITTI	0.03426664	0.1961689	4.48E-05	0.0041765	-0.082901
7w11w_SITTI	0.01721767	0.09329388	3.33E-05	0.0049935	0.085504
7w11w_SITTI	0.01537297	0.08216278	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.01130225	0.0575997	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.10276371	0.6094865	6.55E-05	0.025127	-0.16182
7w11w_SITTI	0.01569135	0.08408391	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.02272613	0.12653245	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.05620768	0.3285632	5.97E-05	0.0073934	0.068678
7w11w_SITTI	0.09601263	0.56874985	6.50E-05	0.023448	-0.045608
7w11w_SITTI	0.10065189	0.5967436	6.53E-05	0.024687	-0.12375
7w11w_SITTI	0.09157661	0.5419825	6.45E-05	0.021822	0.027741
7w11w_SITTI	0.08912463	0.527187	6.43E-05	0.020902	0.067165

7w11w_SITTI	0.02434983	0.13632996	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.0577554	0.33790228	6.00E-05	0.0078516	0.071569
7w11w_SITTI	0.10147061	0.6016838	6.54E-05	0.024923	-0.14299
7w11w_SITTI	0.02669363	0.1504727	3.80E-05	0.0041099	-0.099939
7w11w_SITTI	0.01549543	0.08290172	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.05623255	0.32871324	5.97E-05	0.0073934	0.068678
7w11w_SITTI	0.07815824	0.46101484	6.29E-05	0.015819	0.13662
7w11w_SITTI	0.06130297	0.35930863	6.06E-05	0.008866	0.082025
7w11w_SITTI	0.09310788	0.5512223	6.47E-05	0.022469	0.010343
7w11w_SITTI	0.03867267	0.2227553	4.92E-05	0.0044639	-0.040459
7w11w_SITTI	0.01348438	0.07076681	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.02522758	0.14162637	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.01430624	0.075726	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.04784924	0.27812758	5.64E-05	0.0055867	0.035328
7w11w_SITTI	0.02011263	0.11076233	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.07518662	0.44308382	6.25E-05	0.014299	0.13345
7w11w_SITTI	0.02435829	0.13638102	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.03474917	0.19908053	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.0175704	0.09542224	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.02483912	0.13928239	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.02305768	0.12853304	3.55E-05	0.0043197	-0.065623
7w11w_SITTI	0.08496907	0.502112	6.38E-05	0.018923	0.10916
7w11w_SITTI	0.02354358	0.131465	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.06592081	0.38717306	6.13E-05	0.010616	0.097788
7w11w_SITTI	0.05422099	0.31657532	5.92E-05	0.0069681	0.062513
7w11w_SITTI	0.03532755	0.20257054	4.59E-05	0.0042319	-0.073417
7w11w_SITTI	0.1023368	0.60691047	6.55E-05	0.025029	-0.15246
7w11w_SITTI	0.08742754	0.5169467	6.41E-05	0.020177	0.087329
7w11w_SITTI	0.01600184	0.08595744	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.03520867	0.20185325	4.54E-05	0.0042028	-0.073417
7w11w_SITTI	0.01338325	0.07015665	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.09412214	0.55734247	6.48E-05	0.022877	-0.0077738
7w11w_SITTI	0.06428102	0.37727845	6.10E-05	0.010005	0.091185
7w11w_SITTI	0.00968208	0.04782341	3.20E-05	0.0068348	0.4058
7w11w_SITTI	0.02325522	0.12972498	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.01838423	0.100333	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.07941874	0.46862084	6.31E-05	0.016335	0.13545
7w11w_SITTI	0.02198801	0.12207851	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.10281809	0.6098146	6.55E-05	0.025127	-0.16182
7w11w_SITTI	0.0954427	0.56531084	6.49E-05	0.023263	-0.035993
7w11w_SITTI	0.0169233	0.09151763	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.08200546	0.48422936	6.35E-05	0.017633	0.12948
7w11w_SITTI	0.00797398	0.03751657	3.19E-05	0.0073923	0.48652

7w11w_SITTI	0.07677673	0.45267868	6.27E-05	0.015053	0.13605
7w11w_SITTI	0.02144594	0.11880762	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.09227642	0.5462052	6.46E-05	0.022042	0.019141
7w11w_SITTI	0.08247135	0.48704055	6.35E-05	0.017892	0.1271
7w11w_SITTI	0.01665427	0.08989424	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.0424018	0.24525724	5.24E-05	0.0047963	-0.0013165
7w11w_SITTI	0.01471401	0.07818653	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.0822145	0.48549068	6.35E-05	0.017633	0.1271
7w11w_SITTI	0.02334556	0.13027011	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.06048127	0.35435045	6.05E-05	0.008688	0.07887
7w11w_SITTI	0.03622837	0.20800622	4.65E-05	0.0042637	-0.068307
7w11w_SITTI	0.09748456	0.5776316	6.51E-05	0.023964	-0.065044
7w11w_SITTI	0.04837047	0.28127277	5.67E-05	0.0056831	0.038361
7w11w_SITTI	0.10160235	0.60247874	6.54E-05	0.024923	-0.14299
7w11w_SITTI	0.03365815	0.19249722	4.43E-05	0.004153	-0.087207
7w11w_SITTI	0.015245	0.08139057	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.017178	0.09305447	3.33E-05	0.0049935	0.085504
7w11w_SITTI	0.03060237	0.17405838	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.01172823	0.06017009	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.12104	0.71976733	6.66E-05	0.02449	-0.37656
7w11w_SITTI	0.01919559	0.1052288	3.38E-05	0.004741	0.017998
7w11w_SITTI	0.02411475	0.13491148	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.01783305	0.09700713	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.01698396	0.09188364	3.31E-05	0.0050879	0.085504
7w11w_SITTI	0.0959973	0.56865734	6.50E-05	0.023448	-0.045608
7w11w_SITTI	0.0221702	0.12317787	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.0422152	0.24413128	5.24E-05	0.0047963	-0.00654
7w11w_SITTI	0.11004838	0.65344286	6.60E-05	0.025599	-0.26716
7w11w_SITTI	0.03838347	0.22101025	4.87E-05	0.0044183	-0.04622
7w11w_SITTI	0.06225339	0.36504358	6.07E-05	0.0092324	0.085432
7w11w_SITTI	0.05870063	0.34360588	6.02E-05	0.0081753	0.074438
7w11w_SITTI	0.06952506	0.40892142	6.17E-05	0.01192	0.11455
7w11w_SITTI	0.06191682	0.36301264	6.07E-05	0.0092324	0.083692
7w11w_SITTI	0.12457756	0.74111325	6.68E-05	0.024034	-0.40152
7w11w_SITTI	0.02446549	0.13702789	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.01162578	0.05955189	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.01496247	0.07968581	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.1030948	0.61148435	6.56E-05	0.025216	-0.16182
7w11w_SITTI	0.08546749	0.5051195	6.39E-05	0.019177	0.1043
7w11w_SITTI	0.05054249	0.29437888	5.78E-05	0.0061018	0.048868
7w11w_SITTI	0.08779264	0.5191497	6.41E-05	0.020177	0.080939
7w11w_SITTI	0.00994056	0.04938313	3.20E-05	0.0066628	0.37961
7w11w_SITTI	0.03953072	0.22793286	4.98E-05	0.0045122	-0.034672

7w11w_SITTI	0.01151138	0.05886158	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.01143893	0.05842439	3.21E-05	0.006339	0.30353
7w11w_SITTI	0.01326345	0.06943373	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.01494317	0.07956931	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.03497358	0.20043465	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.05504449	0.32154438	5.94E-05	0.0071062	0.064127
7w11w_SITTI	0.02702505	0.1524725	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.14340386	0.8547129	6.75E-05	0.023613	-0.50606
7w11w_SITTI	0.11423583	0.67871034	6.63E-05	0.025299	-0.3171
7w11w_SITTI	0.09729759	0.5765034	6.51E-05	0.023799	-0.065044
7w11w_SITTI	0.05990473	0.35087153	6.04E-05	0.0085136	0.077363
7w11w_SITTI	0.05924058	0.34686396	6.03E-05	0.0083426	0.075889
7w11w_SITTI	0.01191274	0.06128345	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.02610195	0.14690244	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.1144119	0.67977273	6.63E-05	0.025299	-0.3171
7w11w_SITTI	0.03008515	0.17093746	4.07E-05	0.0040668	-0.10597
7w11w_SITTI	0.02884596	0.16346005	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.02351735	0.13130674	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.09389395	0.55596554	6.48E-05	0.022676	-0.0077738
7w11w_SITTI	0.10669634	0.6332163	6.58E-05	0.02556	-0.22263
7w11w_SITTI	0.04741501	0.2755074	5.61E-05	0.0054936	0.035328
7w11w_SITTI	0.02957184	0.1678401	4.02E-05	0.0040662	-0.10661
7w11w_SITTI	0.07387449	0.4351663	6.23E-05	0.013805	0.13074
7w11w_SITTI	0.02886551	0.163578	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.10329599	0.6126983	6.56E-05	0.025216	-0.17104
7w11w_SITTI	0.11580123	0.68815607	6.63E-05	0.025119	-0.32814
7w11w_SITTI	0.11317415	0.67230403	6.62E-05	0.025403	-0.30551
7w11w_SITTI	0.05562857	0.3250688	5.95E-05	0.007248	0.067199
7w11w_SITTI	0.06928518	0.40747398	6.17E-05	0.01192	0.11218
7w11w_SITTI	0.01908349	0.10455237	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.01833917	0.10006112	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.047529	0.27619523	5.64E-05	0.0055867	0.035328
7w11w_SITTI	0.09148348	0.5414206	6.45E-05	0.021822	0.036126
7w11w_SITTI	0.12386458	0.73681104	6.67E-05	0.024153	-0.39752
7w11w_SITTI	0.08698553	0.5142795	6.41E-05	0.01993	0.093363
7w11w_SITTI	0.10804109	0.64133066	6.59E-05	0.025614	-0.23822
7w11w_SITTI	0.06528906	0.38336104	6.12E-05	0.01041	0.095509
7w11w_SITTI	0.01256949	0.06524634	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.11117023	0.6602122	6.61E-05	0.025556	-0.28058
7w11w_SITTI	0.0098588	0.04888977	3.20E-05	0.0066628	0.37961
7w11w_SITTI	0.00895142	0.04341452	3.19E-05	0.0070136	0.43237
7w11w_SITTI	0.0789819	0.46598488	6.30E-05	0.016077	0.13613
7w11w_SITTI	0.0149452	0.07958159	3.27E-05	0.0054028	0.16515

7w11w_SITTI	0.10889494	0.64648294	6.59E-05	0.025616	-0.25305
7w11w_SITTI	0.10789563	0.640453	6.59E-05	0.025604	-0.23822
7w11w_SITTI	0.08733456	0.51638556	6.41E-05	0.01993	0.087329
7w11w_SITTI	0.08008608	0.47264758	6.32E-05	0.016594	0.13446
7w11w_SITTI	0.01664156	0.08981755	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.02598535	0.14619885	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.05755571	0.33669728	6.00E-05	0.0078516	0.071569
7w11w_SITTI	0.01912878	0.10482569	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.10877771	0.6457755	6.59E-05	0.025616	-0.25305
7w11w_SITTI	0.10147259	0.6016957	6.54E-05	0.024923	-0.14299
7w11w_SITTI	0.0919397	0.5441734	6.46E-05	0.022042	0.027741
7w11w_SITTI	0.11818124	0.70251733	6.65E-05	0.024847	-0.35363
7w11w_SITTI	0.05766387	0.33734995	6.00E-05	0.0078516	0.071569
7w11w_SITTI	0.0201537	0.11101013	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.0968885	0.5740349	6.51E-05	0.023799	-0.055297
7w11w_SITTI	0.01557327	0.08337142	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.01681748	0.09087908	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.01425928	0.07544266	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.11420224	0.6785076	6.63E-05	0.025299	-0.3171
7w11w_SITTI	0.05703512	0.333556	5.99E-05	0.0076952	0.070131
7w11w_SITTI	0.07526293	0.44354427	6.26E-05	0.014549	0.13345
7w11w_SITTI	0.08132955	0.48015085	6.34E-05	0.017373	0.13148
7w11w_SITTI	0.03547114	0.203437	4.59E-05	0.0042319	-0.073417
7w11w_SITTI	0.01990394	0.10950305	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.01888988	0.10338415	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.04706387	0.2733886	5.61E-05	0.0054936	0.032113
7w11w_SITTI	0.02974261	0.16887051	4.02E-05	0.0040662	-0.10597
7w11w_SITTI	0.03211618	0.18319285	4.27E-05	0.004099	-0.097962
7w11w_SITTI	0.02757604	0.15579721	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.03264684	0.18639491	4.32E-05	0.0041142	-0.094772
7w11w_SITTI	0.10374882	0.6154308	6.56E-05	0.025296	-0.18011
7w11w_SITTI	0.05045624	0.2938585	5.78E-05	0.0061018	0.048868
7w11w_SITTI	0.09384675	0.5556807	6.48E-05	0.022676	-0.0077738
7w11w_SITTI	0.10762332	0.6388098	6.59E-05	0.025604	-0.23822
7w11w_SITTI	0.08935507	0.5285775	6.43E-05	0.020902	0.059815
7w11w_SITTI	0.15401655	0.9187509	6.77E-05	0.023711	-0.52645
7w11w_SITTI	0.11295804	0.671	6.62E-05	0.025403	-0.29951
7w11w_SITTI	0.01711667	0.09268444	3.33E-05	0.0049935	0.085504
7w11w_SITTI	0.03309695	0.18911092	4.37E-05	0.0041322	-0.091175
7w11w_SITTI	0.05381661	0.31413525	5.91E-05	0.0068337	0.060836
7w11w_SITTI	0.0338365	0.1935734	4.43E-05	0.004153	-0.087207
7w11w_SITTI	0.0245584	0.13758849	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.01318928	0.06898617	3.24E-05	0.0057681	0.23179

7w11w_SITTI	0.10508601	0.6234995	6.57E-05	0.025429	-0.19772
7w11w_SITTI	0.10747032	0.6378866	6.59E-05	0.025604	-0.23052
7w11w_SITTI	0.05316427	0.31019896	5.89E-05	0.0067028	0.059084
7w11w_SITTI	0.0181456	0.09889305	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.00907018	0.04413116	3.19E-05	0.0070136	0.43237
7w11w_SITTI	0.06690948	0.3931388	6.14E-05	0.011039	0.10251
7w11w_SITTI	0.02399442	0.13418539	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.08275314	0.4887409	6.35E-05	0.017892	0.12434
7w11w_SITTI	0.02330115	0.13000211	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.05941663	0.34792626	6.03E-05	0.0083426	0.075889
7w11w_SITTI	0.02192769	0.12171456	3.49E-05	0.0044169	-0.046619
7w11w_SITTI	0.04032678	0.23273636	5.09E-05	0.0046173	-0.023154
7w11w_SITTI	0.08679619	0.513137	6.40E-05	0.019681	0.093363
7w11w_SITTI	0.08006456	0.47251776	6.32E-05	0.016594	0.13446
7w11w_SITTI	0.10933924	0.64916384	6.60E-05	0.025611	-0.2602
7w11w_SITTI	0.02373645	0.13262878	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.03058798	0.17397158	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.12283693	0.7306102	6.67E-05	0.024282	-0.38934
7w11w_SITTI	0.1078971	0.6404618	6.59E-05	0.025604	-0.23822
7w11w_SITTI	0.03511561	0.2012917	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.09250914	0.54760945	6.46E-05	0.022258	0.019141
7w11w_SITTI	0.01788479	0.0973193	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.02273237	0.12657008	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.01621767	0.08725975	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.06591594	0.3871437	6.13E-05	0.010616	0.097788
7w11w_SITTI	0.02981619	0.16931449	4.07E-05	0.0040668	-0.10597
7w11w_SITTI	0.04961114	0.28875902	5.73E-05	0.0058857	0.046466
7w11w_SITTI	0.11838912	0.70377165	6.65E-05	0.024847	-0.35363
7w11w_SITTI	0.0182701	0.09964432	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.11265089	0.66914666	6.62E-05	0.025448	-0.29951
7w11w_SITTI	0.08837033	0.5226355	6.42E-05	0.020421	0.074212
7w11w_SITTI	0.10807741	0.6415499	6.59E-05	0.025614	-0.23822
7w11w_SITTI	0.11234852	0.6673221	6.62E-05	0.025448	-0.29336
7w11w_SITTI	0.13211319	0.78658396	6.71E-05	0.023582	-0.45284
7w11w_SITTI	0.12140079	0.72194433	6.66E-05	0.024419	-0.38089
7w11w_SITTI	0.07864831	0.46397197	6.30E-05	0.016077	0.13651
7w11w_SITTI	0.08783931	0.5194313	6.41E-05	0.020177	0.080939
7w11w_SITTI	0.01064545	0.05363646	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.0817583	0.48273793	6.34E-05	0.017373	0.12948
7w11w_SITTI	0.0272281	0.15369774	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.0191797	0.10513295	3.38E-05	0.004741	0.017998
7w11w_SITTI	0.12963109	0.77160674	6.70E-05	0.023664	-0.43556
7w11w_SITTI	0.02137528	0.11838129	3.47E-05	0.0044724	-0.0356

7w11w_SITTI	0.02973096	0.16880018	4.02E-05	0.0040662	-0.10597
7w11w_SITTI	0.02688698	0.15163939	3.80E-05	0.0041099	-0.099939
7w11w_SITTI	0.06654036	0.3909115	6.13E-05	0.010826	0.10013
7w11w_SITTI	0.0220073	0.1221949	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.01509753	0.08050077	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.10762777	0.6388367	6.59E-05	0.025604	-0.23822
7w11w_SITTI	0.01877771	0.10270727	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.09325361	0.5521017	6.47E-05	0.022469	0.0013661
7w11w_SITTI	0.06224808	0.36501148	6.07E-05	0.0092324	0.085432
7w11w_SITTI	0.11229704	0.6670115	6.61E-05	0.025489	-0.29336
7w11w_SITTI	0.02212098	0.12288091	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.01689668	0.09135697	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.01147914	0.05866707	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.10040782	0.5952709	6.53E-05	0.024687	-0.12375
7w11w_SITTI	0.01159787	0.05938349	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.09223861	0.5459771	6.46E-05	0.022042	0.019141
7w11w_SITTI	0.06947273	0.4086057	6.17E-05	0.01192	0.11455
7w11w_SITTI	0.02278792	0.12690523	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.10886917	0.6463274	6.59E-05	0.025616	-0.25305
7w11w_SITTI	0.09421287	0.55788994	6.48E-05	0.022877	-0.0077738
7w11w_SITTI	0.02588142	0.14557172	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.0740922	0.43648002	6.24E-05	0.014051	0.13074
7w11w_SITTI	0.01638153	0.08824852	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.08564164	0.50617033	6.39E-05	0.019177	0.1043
7w11w_SITTI	0.05660106	0.33093688	5.98E-05	0.0075425	0.068678
7w11w_SITTI	0.09338807	0.55291307	6.47E-05	0.022469	0.0013661
7w11w_SITTI	0.03137008	0.1786908	4.16E-05	0.0040771	-0.10071
7w11w_SITTI	0.12855104	0.7650896	6.69E-05	0.023723	-0.43195
7w11w_SITTI	0.00793203	0.03726343	3.19E-05	0.0073923	0.48652
7w11w_SITTI	0.01511502	0.08060629	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.02067348	0.11414652	3.44E-05	0.0045325	-0.01065
7w11w_SITTI	0.02058382	0.11360553	3.44E-05	0.0045325	-0.01065
7w11w_SITTI	0.02374232	0.13266419	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.01099827	0.05576542	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.09614094	0.56952405	6.50E-05	0.023448	-0.045608
7w11w_SITTI	0.11687391	0.6946287	6.64E-05	0.024986	-0.33868
7w11w_SITTI	0.08031694	0.47404066	6.32E-05	0.016854	0.13446
7w11w_SITTI	0.05809742	0.33996603	6.01E-05	0.0080116	0.073002
7w11w_SITTI	0.08569938	0.5065188	6.39E-05	0.019177	0.1043
7w11w_SITTI	0.01141328	0.05826961	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.02426624	0.13582562	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.00918588	0.0448293	3.19E-05	0.0070136	0.43237
7w11w_SITTI	0.01267526	0.06588455	3.23E-05	0.0059016	0.25518

7w11w_SITTI	0.11064781	0.65705985	6.60E-05	0.02558	-0.27396
7w11w_SITTI	0.10634539	0.6310986	6.58E-05	0.02556	-0.21453
7w11w_SITTI	0.0167888	0.09070601	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.01608887	0.08648258	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.02245477	0.12489503	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.02667135	0.15033825	3.80E-05	0.0041099	-0.099939
7w11w_SITTI	0.07853644	0.46329692	6.30E-05	0.016077	0.13651
7w11w_SITTI	0.08568101	0.5064079	6.39E-05	0.019177	0.1043
7w11w_SITTI	0.07165544	0.42177635	6.20E-05	0.012843	0.12348
7w11w_SITTI	0.13968043	0.8322454	6.73E-05	0.023551	-0.49317
7w11w_SITTI	0.01417487	0.07493333	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.01525005	0.08142104	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.09658752	0.5722188	6.50E-05	0.023626	-0.055297
7w11w_SITTI	0.12522751	0.7450351	6.68E-05	0.023978	-0.40938
7w11w_SITTI	0.12165605	0.7234846	6.66E-05	0.024419	-0.38089
7w11w_SITTI	0.07113347	0.41862673	6.20E-05	0.012608	0.12136
7w11w_SITTI	0.08758931	0.51792276	6.41E-05	0.020177	0.087329
7w11w_SITTI	0.1222272	0.726931	6.66E-05	0.02435	-0.38515
7w11w_SITTI	0.11909193	0.70801246	6.65E-05	0.024704	-0.3584
7w11w_SITTI	0.10616179	0.6299908	6.58E-05	0.025526	-0.21453
7w11w_SITTI	0.02092915	0.11568926	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.10501956	0.6230985	6.57E-05	0.025429	-0.19772
7w11w_SITTI	0.05411042	0.31590813	5.91E-05	0.0068337	0.062513
7w11w_SITTI	0.02728344	0.15403165	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.12044764	0.71619296	6.66E-05	0.024561	-0.37215
7w11w_SITTI	0.06249755	0.36651683	6.08E-05	0.0094206	0.085432
7w11w_SITTI	0.07044511	0.4144731	6.19E-05	0.012376	0.11689
7w11w_SITTI	0.08604453	0.5086014	6.39E-05	0.01943	0.099025
7w11w_SITTI	0.0640663	0.37598282	6.10E-05	0.0098069	0.091185
7w11w_SITTI	0.01913188	0.10484437	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.03500104	0.20060037	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.01568013	0.08401623	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.0856352	0.5061315	6.39E-05	0.019177	0.1043
7w11w_SITTI	0.10195154	0.60458577	6.55E-05	0.025029	-0.14299
7w11w_SITTI	0.01575832	0.08448802	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.02726532	0.1539223	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.08267282	0.48825625	6.35E-05	0.017892	0.1271
7w11w_SITTI	0.12731571	0.75763553	6.69E-05	0.023794	-0.42086
7w11w_SITTI	0.01615259	0.08686708	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.08716583	0.51536745	6.41E-05	0.01993	0.087329
7w11w_SITTI	0.0301023	0.17104092	4.07E-05	0.0040668	-0.10597
7w11w_SITTI	0.09122537	0.5398631	6.45E-05	0.021597	0.036126
7w11w_SITTI	0.00783532	0.03667991	3.19E-05	0.0073923	0.48652

7w11w_SITTI	0.10526754	0.6245948	6.57E-05	0.025482	-0.19772
7w11w_SITTI	0.05697389	0.3331866	5.99E-05	0.0076952	0.070131
7w11w_SITTI	0.05577	0.3259222	5.95E-05	0.007248	0.067199
7w11w_SITTI	0.03507407	0.20104101	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.08331191	0.49211258	6.36E-05	0.018151	0.12117
7w11w_SITTI	0.11295106	0.67095786	6.62E-05	0.025403	-0.29951
7w11w_SITTI	0.04760411	0.27664846	5.64E-05	0.0055867	0.035328
7w11w_SITTI	0.09524655	0.56412727	6.49E-05	0.023263	-0.026471
7w11w_SITTI	0.07367763	0.43397844	6.23E-05	0.013805	0.12913
7w11w_SITTI	0.12861305	0.7654638	6.69E-05	0.023723	-0.43195
7w11w_SITTI	0.01488682	0.07922927	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.01024803	0.05123839	3.20E-05	0.0066628	0.37961
7w11w_SITTI	0.09414594	0.55748606	6.48E-05	0.022877	-0.0077738
7w11w_SITTI	0.1008487	0.59793115	6.54E-05	0.024809	-0.12375
7w11w_SITTI	0.07244869	0.42656294	6.22E-05	0.01332	0.12548
7w11w_SITTI	0.09237813	0.546819	6.46E-05	0.022042	0.019141
7w11w_SITTI	0.12810355	0.7623894	6.69E-05	0.023757	-0.4283
7w11w_SITTI	0.02368243	0.13230287	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.09144658	0.5411979	6.45E-05	0.021822	0.036126
7w11w_SITTI	0.09907141	0.58720684	6.53E-05	0.02442	-0.094455
7w11w_SITTI	0.0208609	0.11527745	3.44E-05	0.0045325	-0.023601
7w11w_SITTI	0.03272057	0.18683977	4.32E-05	0.0041142	-0.094772
7w11w_SITTI	0.09149803	0.5415083	6.45E-05	0.021822	0.036126
7w11w_SITTI	0.07581212	0.44685814	6.26E-05	0.0148	0.13453
7w11w_SITTI	0.06255343	0.366854	6.08E-05	0.0094206	0.085432
7w11w_SITTI	0.03220544	0.18373148	4.27E-05	0.004099	-0.097962
7w11w_SITTI	0.02525117	0.14176872	3.68E-05	0.0041768	-0.092011
7w11w_SITTI	0.01088422	0.05507726	3.21E-05	0.0064976	0.32844
7w11w_SITTI	0.02805888	0.15871073	3.88E-05	0.0040827	-0.10603
7w11w_SITTI	0.06816746	0.4007296	6.16E-05	0.011474	0.10734
7w11w_SITTI	0.09974658	0.5912808	6.53E-05	0.024558	-0.10426
7w11w_SITTI	0.01783451	0.0970159	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.02401115	0.13428634	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.01895382	0.10376993	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.0418407	0.24187152	5.19E-05	0.0047337	-0.00654
7w11w_SITTI	0.0515416	0.30040762	5.83E-05	0.0063316	0.053285
7w11w_SITTI	0.08519331	0.5034651	6.39E-05	0.019177	0.10916
7w11w_SITTI	0.00750375	0.0346792	3.19E-05	0.0075925	0.51404
7w11w_SITTI	0.04704878	0.27329755	5.61E-05	0.0054936	0.032113
7w11w_SITTI	0.01698409	0.09188441	3.31E-05	0.0050879	0.085504
7w11w_SITTI	0.04646104	0.26975107	5.57E-05	0.0054037	0.028707
7w11w_SITTI	0.02184211	0.12119817	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.03460384	0.19820364	4.48E-05	0.0041765	-0.082901

7w11w_SITTI	0.02394417	0.13388216	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.02980981	0.16927601	4.07E-05	0.0040668	-0.10597
7w11w_SITTI	0.02690825	0.15176775	3.80E-05	0.0041099	-0.10271
7w11w_SITTI	0.08527348	0.50394887	6.39E-05	0.019177	0.10916
7w11w_SITTI	0.04766178	0.27699643	5.64E-05	0.0055867	0.035328
7w11w_SITTI	0.10609613	0.6295946	6.58E-05	0.025526	-0.21453
7w11w_SITTI	0.026928	0.15188693	3.80E-05	0.0041099	-0.10271
7w11w_SITTI	0.09481184	0.5615042	6.49E-05	0.023073	-0.017059
7w11w_SITTI	0.0278837	0.15765369	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.02003847	0.11031486	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.0249366	0.1398706	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.06825732	0.4012718	6.16E-05	0.011474	0.10734
7w11w_SITTI	0.03845369	0.22143398	4.87E-05	0.0044183	-0.04622
7w11w_SITTI	0.07162462	0.42159042	6.20E-05	0.012843	0.12136
7w11w_SITTI	0.09503632	0.5628587	6.49E-05	0.023073	-0.026471
7w11w_SITTI	0.07629442	0.44976836	6.26E-05	0.0148	0.1354
7w11w_SITTI	0.02415115	0.1351311	3.61E-05	0.0042401	-0.080664
7w11w_SITTI	0.01732213	0.09392421	3.33E-05	0.0049935	0.085504
7w11w_SITTI	0.03306378	0.18891078	4.32E-05	0.0041142	-0.091175
7w11w_SITTI	0.1092565	0.6486646	6.60E-05	0.025611	-0.2602
7w11w_SITTI	0.04404129	0.25515008	5.38E-05	0.0050014	0.012967
7w11w_SITTI	0.02426324	0.13580751	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.02029299	0.11185063	3.42E-05	0.0045972	-0.01065
7w11w_SITTI	0.01333534	0.0698675	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.03184161	0.18153605	4.22E-05	0.0040866	-0.10071
7w11w_SITTI	0.02307476	0.1286361	3.55E-05	0.0043197	-0.065623
7w11w_SITTI	0.02574945	0.14477542	3.72E-05	0.0041509	-0.092011
7w11w_SITTI	0.10418782	0.6180797	6.56E-05	0.025367	-0.18011
7w11w_SITTI	0.01674868	0.09046392	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.07974394	0.4705831	6.32E-05	0.016594	0.13545
7w11w_SITTI	0.07472698	0.4403103	6.25E-05	0.014299	0.13218
7w11w_SITTI	0.0434852	0.25179458	5.33E-05	0.0049301	0.008455
7w11w_SITTI	0.0188191	0.10295703	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.09959113	0.5903428	6.53E-05	0.024558	-0.10426
7w11w_SITTI	0.01922407	0.10540067	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.0875181	0.5174931	6.41E-05	0.020177	0.087329
7w11w_SITTI	0.01685309	0.09109394	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.08149067	0.48112303	6.34E-05	0.017373	0.13148
7w11w_SITTI	0.03311781	0.18923679	4.37E-05	0.0041322	-0.091175
7w11w_SITTI	0.12311743	0.7323027	6.67E-05	0.024217	-0.39346
7w11w_SITTI	0.01581683	0.08484108	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.01826676	0.09962415	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.02352898	0.13137689	3.58E-05	0.0042778	-0.065623

7w11w_SITTI	0.10035278	0.5949387	6.53E-05	0.024687	-0.11403
7w11w_SITTI	0.03225495	0.18403018	4.27E-05	0.004099	-0.097962
7w11w_SITTI	0.02853915	0.16160874	3.93E-05	0.004074	-0.10603
7w11w_SITTI	0.03822288	0.22004122	4.87E-05	0.0044183	-0.04622
7w11w_SITTI	0.04016837	0.2317805	5.03E-05	0.0045634	-0.023154
7w11w_SITTI	0.02335715	0.13034005	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.02542473	0.14281604	3.72E-05	0.0041509	-0.092011
7w11w_SITTI	0.11960349	0.71109927	6.65E-05	0.024632	-0.36308
7w11w_SITTI	0.02754156	0.15558915	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.049868	0.29030898	5.76E-05	0.005992	0.046466
7w11w_SITTI	0.01399833	0.07386808	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.02192983	0.12172748	3.49E-05	0.0044169	-0.046619
7w11w_SITTI	0.08488762	0.50162053	6.38E-05	0.018923	0.1136
7w11w_SITTI	0.0234853	0.13111334	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.02775198	0.15685886	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.04570029	0.2651606	5.50E-05	0.0052335	0.025099
7w11w_SITTI	0.03755641	0.21601968	4.81E-05	0.0043756	-0.05192
7w11w_SITTI	0.07239692	0.42625052	6.21E-05	0.01308	0.12548
7w11w_SITTI	0.01503645	0.0801322	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.06087658	0.35673577	6.06E-05	0.008866	0.080421
7w11w_SITTI	0.01978379	0.10877808	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.0917986	0.54332197	6.45E-05	0.021822	0.027741
7w11w_SITTI	0.019174	0.10509852	3.38E-05	0.004741	0.017998
7w11w_SITTI	0.09290567	0.55000216	6.46E-05	0.022258	0.010343
7w11w_SITTI	0.01951372	0.10714846	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.01463589	0.0777152	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.05953445	0.3486372	6.03E-05	0.0083426	0.077363
7w11w_SITTI	0.03456783	0.1979863	4.48E-05	0.0041765	-0.082901
7w11w_SITTI	0.01574881	0.08443065	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.09229033	0.54628915	6.46E-05	0.022042	0.019141
7w11w_SITTI	0.02114737	0.11700604	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.11130322	0.6610147	6.61E-05	0.025525	-0.28058
7w11w_SITTI	0.00671929	0.02994567	3.18E-05	0.0078	0.54183
7w11w_SITTI	0.02000133	0.11009075	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.00812524	0.03842928	3.19E-05	0.0073923	0.45929
7w11w_SITTI	0.04670175	0.27120352	5.57E-05	0.0054037	0.028707
7w11w_SITTI	0.09930242	0.58860075	6.53E-05	0.02442	-0.10426
7w11w_SITTI	0.02635184	0.14841029	3.76E-05	0.0041286	-0.099939
7w11w_SITTI	0.06547667	0.3844931	6.12E-05	0.01041	0.095509
7w11w_SITTI	0.01301895	0.06795839	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.0568732	0.33257896	5.98E-05	0.0075425	0.070131
7w11w_SITTI	0.08702683	0.5145287	6.41E-05	0.01993	0.093363
7w11w_SITTI	0.0208077	0.11495641	3.44E-05	0.0045325	-0.01065

7w11w_SITTI	0.04984775	0.29018676	5.76E-05	0.005992	0.046466
7w11w_SITTI	0.0754339	0.4445759	6.26E-05	0.014549	0.13345
7w11w_SITTI	0.01802997	0.09819536	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.03083876	0.17548478	4.11E-05	0.0040705	-0.10299
7w11w_SITTI	0.15159011	0.9041095	6.77E-05	0.023705	-0.52438
7w11w_SITTI	0.1016715	0.602896	6.54E-05	0.024923	-0.14299
7w11w_SITTI	0.02135563	0.11826272	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.03576635	0.2052183	4.59E-05	0.0042319	-0.068307
7w11w_SITTI	0.04650321	0.27000552	5.57E-05	0.0054037	0.028707
7w11w_SITTI	0.14287291	0.85150915	6.75E-05	0.023603	-0.50412
7w11w_SITTI	0.08984602	0.5315399	6.44E-05	0.021137	0.059815
7w11w_SITTI	0.03010248	0.17104197	4.07E-05	0.0040668	-0.10597
7w11w_SITTI	0.01101019	0.05583737	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.04776684	0.27763036	5.64E-05	0.0055867	0.035328
7w11w_SITTI	0.01386556	0.07306691	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.13202633	0.78605986	6.71E-05	0.023582	-0.45284
7w11w_SITTI	0.04848692	0.28197542	5.67E-05	0.0056831	0.041222
7w11w_SITTI	0.09553818	0.56588703	6.49E-05	0.023263	-0.035993
7w11w_SITTI	0.02095219	0.11582829	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.13488834	0.80332947	6.72E-05	0.023533	-0.46872
7w11w_SITTI	0.05907553	0.34586808	6.02E-05	0.0081753	0.075889
7w11w_SITTI	0.0843925	0.49863294	6.37E-05	0.018667	0.1136
7w11w_SITTI	0.03734703	0.21475628	4.76E-05	0.0043355	-0.057524
7w11w_SITTI	0.02487101	0.13947481	3.68E-05	0.0041768	-0.086782
7w11w_SITTI	0.017925	0.09756197	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.03849042	0.22165562	4.87E-05	0.0044183	-0.04622
7w11w_SITTI	0.0540754	0.3156968	5.91E-05	0.0068337	0.062513
7w11w_SITTI	0.08935642	0.5285857	6.43E-05	0.020902	0.059815
7w11w_SITTI	0.10471818	0.62127995	6.57E-05	0.025429	-0.18901
7w11w_SITTI	0.01286595	0.06703521	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.12621179	0.75097436	6.68E-05	0.023879	-0.41325
7w11w_SITTI	0.07453787	0.4391692	6.24E-05	0.014051	0.13218
7w11w_SITTI	0.14980075	0.89331234	6.76E-05	0.023695	-0.52228
7w11w_SITTI	0.05628682	0.3290407	5.97E-05	0.0073934	0.068678
7w11w_SITTI	0.03458994	0.19811973	4.48E-05	0.0041765	-0.082901
7w11w_SITTI	0.02730282	0.15414861	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.02323311	0.12959158	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.14643578	0.8730078	6.76E-05	0.023659	-0.51583
7w11w_SITTI	0.02736353	0.15451494	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.03377957	0.19322987	4.43E-05	0.004153	-0.087207
7w11w_SITTI	0.02637418	0.1485451	3.76E-05	0.0041286	-0.099939
7w11w_SITTI	0.09137051	0.5407389	6.45E-05	0.021822	0.036126
7w11w_SITTI	0.02465483	0.13817035	3.64E-05	0.0042065	-0.080664

7w11w_SITTI	0.11155102	0.66251	6.61E-05	0.025525	-0.28705
7w11w_SITTI	0.03031518	0.17232545	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.0367813	0.21134265	4.70E-05	0.0042982	-0.062998
7w11w_SITTI	0.0981527	0.5816632	6.52E-05	0.024123	-0.074831
7w11w_SITTI	0.00764781	0.03554843	3.19E-05	0.0073923	0.48652
7w11w_SITTI	0.01566327	0.08391445	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.08652051	0.51147354	6.40E-05	0.019681	0.099025
7w11w_SITTI	0.06550677	0.38467473	6.12E-05	0.01041	0.095509
7w11w_SITTI	0.0147183	0.07821241	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.0551968	0.32246342	5.94E-05	0.0071062	0.065685
7w11w_SITTI	0.10528968	0.62472844	6.57E-05	0.025482	-0.19772
7w11w_SITTI	0.01365304	0.07178454	3.24E-05	0.0057681	0.20898
7w11w_SITTI	0.07539935	0.4443675	6.26E-05	0.014549	0.13345
7w11w_SITTI	0.05156989	0.30057833	5.83E-05	0.0063316	0.053285
7w11w_SITTI	0.01277717	0.06649948	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.01859476	0.10160336	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.10754998	0.6383673	6.59E-05	0.025604	-0.23822
7w11w_SITTI	0.01772566	0.09635912	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.06070247	0.35568514	6.05E-05	0.008688	0.080421
7w11w_SITTI	0.07019013	0.41293457	6.18E-05	0.012147	0.11689
7w11w_SITTI	0.01770904	0.09625884	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.08741998	0.516901	6.41E-05	0.020177	0.087329
7w11w_SITTI	0.01871762	0.10234471	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.1264861	0.7526295	6.68E-05	0.023879	-0.41707
7w11w_SITTI	0.10629143	0.63077307	6.58E-05	0.02556	-0.21453
7w11w_SITTI	0.02013009	0.11086766	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.0214001	0.11853103	3.47E-05	0.0044724	-0.0356
7w11w_SITTI	0.11588211	0.6886442	6.63E-05	0.025119	-0.33347
7w11w_SITTI	0.07083943	0.41685247	6.20E-05	0.012608	0.11916
7w11w_SITTI	0.08838017	0.5226949	6.42E-05	0.020421	0.074212
7w11w_SITTI	0.02261203	0.12584393	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.02181788	0.12105195	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.06291501	0.3690358	6.08E-05	0.0094206	0.087254
7w11w_SITTI	0.10756518	0.638459	6.59E-05	0.025604	-0.23822
7w11w_SITTI	0.11542013	0.68585646	6.63E-05	0.025182	-0.32814
7w11w_SITTI	0.01783327	0.09700847	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.01223224	0.06321134	3.23E-05	0.0060411	0.2791
7w11w_SITTI	0.02037104	0.11232161	3.44E-05	0.0045325	-0.01065
7w11w_SITTI	0.02012654	0.11084624	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.02708165	0.15281402	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.07379917	0.43471184	6.23E-05	0.013805	0.12913
7w11w_SITTI	0.04876623	0.2836608	5.70E-05	0.0057827	0.041222
7w11w_SITTI	0.04358316	0.25238562	5.33E-05	0.0049301	0.008455

7w11w_SITTI	0.05119352	0.29830727	5.81E-05	0.006215	0.051138
7w11w_SITTI	0.02078136	0.11479751	3.44E-05	0.0045325	-0.01065
7w11w_SITTI	0.02106917	0.11653417	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.02920038	0.16559862	4.02E-05	0.0040662	-0.10661
7w11w_SITTI	0.10300402	0.6109365	6.56E-05	0.025216	-0.16182
7w11w_SITTI	0.09655038	0.5719947	6.50E-05	0.023626	-0.055297
7w11w_SITTI	0.01600899	0.08600059	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.1007071	0.5970767	6.54E-05	0.024809	-0.12375
7w11w_SITTI	0.03044904	0.17313316	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.03711223	0.21333945	4.76E-05	0.0043355	-0.057524
7w11w_SITTI	0.03768577	0.21680027	4.81E-05	0.0043756	-0.05192
7w11w_SITTI	0.09700813	0.5747568	6.51E-05	0.023799	-0.055297
7w11w_SITTI	0.02597088	0.14611155	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.05638912	0.329658	5.98E-05	0.0075425	0.068678
7w11w_SITTI	0.10861372	0.64478594	6.59E-05	0.025616	-0.24573
7w11w_SITTI	0.01141449	0.05827693	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.07812978	0.46084312	6.29E-05	0.015819	0.13662
7w11w_SITTI	0.01930592	0.10589457	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.03161792	0.18018632	4.22E-05	0.0040866	-0.10071
7w11w_SITTI	0.06382407	0.3745212	6.10E-05	0.0098069	0.089169
7w11w_SITTI	0.01147282	0.05862892	3.22E-05	0.0061869	0.30353
7w11w_SITTI	0.03072396	0.17479205	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.03950058	0.227751	4.98E-05	0.0045122	-0.034672
7w11w_SITTI	0.0934818	0.5534786	6.47E-05	0.022469	0.0013661
7w11w_SITTI	0.10889046	0.6464559	6.59E-05	0.025616	-0.25305
7w11w_SITTI	0.02222259	0.12349401	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.01991804	0.10958812	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.03104681	0.17674014	4.16E-05	0.0040771	-0.10299
7w11w_SITTI	0.05298383	0.3091102	5.87E-05	0.0065755	0.059084
7w11w_SITTI	0.11795853	0.7011734	6.65E-05	0.024847	-0.34876
7w11w_SITTI	0.07860398	0.46370447	6.30E-05	0.016077	0.13651
7w11w_SITTI	0.01084421	0.05483582	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.11033572	0.6551767	6.60E-05	0.02558	-0.27396
7w11w_SITTI	0.02575876	0.14483161	3.72E-05	0.0041509	-0.092011
7w11w_SITTI	0.1293203	0.76973134	6.70E-05	0.023692	-0.43556
7w11w_SITTI	0.0493835	0.28738543	5.73E-05	0.0058857	0.04392
7w11w_SITTI	0.03044571	0.17311306	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.05449092	0.3182041	5.92E-05	0.0069681	0.062513
7w11w_SITTI	0.09186535	0.5437248	6.46E-05	0.022042	0.027741
7w11w_SITTI	0.01083393	0.0547738	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.02059128	0.11365053	3.44E-05	0.0045325	-0.01065
7w11w_SITTI	0.06615879	0.3886091	6.13E-05	0.010616	0.10013
7w11w_SITTI	0.06004692	0.3517295	6.04E-05	0.0085136	0.07887

7w11w_SITTI	0.0157537	0.08446013	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.08690261	0.51377916	6.41E-05	0.01993	0.093363
7w11w_SITTI	0.11110624	0.6598261	6.61E-05	0.025556	-0.28058
7w11w_SITTI	0.01256753	0.06523451	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.11998683	0.71341234	6.65E-05	0.024632	-0.36766
7w11w_SITTI	0.01680887	0.0908271	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.06904143	0.4060032	6.16E-05	0.011695	0.11218
7w11w_SITTI	0.00791233	0.03714457	3.19E-05	0.0073923	0.48652
7w11w_SITTI	0.01887837	0.10331465	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.06146907	0.36031088	6.07E-05	0.0090475	0.082025
7w11w_SITTI	0.01304772	0.06813201	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.02703367	0.15252453	3.84E-05	0.0040947	-0.10271
7w11w_SITTI	0.08834936	0.522509	6.42E-05	0.020421	0.074212
7w11w_SITTI	0.12023809	0.7149285	6.66E-05	0.024561	-0.36766
7w11w_SITTI	0.05142368	0.29969612	5.83E-05	0.0063316	0.053285
7w11w_SITTI	0.02312462	0.12893698	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.02313829	0.12901944	3.58E-05	0.0042778	-0.065623
7w11w_SITTI	0.09917571	0.5878362	6.53E-05	0.02442	-0.094455
7w11w_SITTI	0.0088837	0.04300592	3.19E-05	0.0070136	0.43237
7w11w_SITTI	0.0162122	0.08722676	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.02805644	0.15869601	3.88E-05	0.0040827	-0.10603
7w11w_SITTI	0.11004721	0.6534358	6.60E-05	0.025599	-0.26716
7w11w_SITTI	0.05368668	0.3133512	5.91E-05	0.0068337	0.060836
7w11w_SITTI	0.08362366	0.49399373	6.37E-05	0.01841	0.12117
7w11w_SITTI	0.05333789	0.31124663	5.89E-05	0.0067028	0.059084
7w11w_SITTI	0.08945677	0.5291912	6.43E-05	0.020902	0.059815
7w11w_SITTI	0.11849402	0.70440465	6.65E-05	0.024776	-0.35363
7w11w_SITTI	0.11666802	0.6933864	6.64E-05	0.025054	-0.33868
7w11w_SITTI	0.01818644	0.09913951	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.02135614	0.11826578	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.06583656	0.3866647	6.13E-05	0.010616	0.097788
7w11w_SITTI	0.03124861	0.17795786	4.16E-05	0.0040771	-0.10299
7w11w_SITTI	0.04588641	0.2662837	5.54E-05	0.0053171	0.025099
7w11w_SITTI	0.0952715	0.5642778	6.49E-05	0.023263	-0.026471
7w11w_SITTI	0.0213554	0.1182613	3.47E-05	0.0044724	-0.023601
7w11w_SITTI	0.02063624	0.11392182	3.44E-05	0.0045325	-0.01065
7w11w_SITTI	0.01809272	0.09857401	3.34E-05	0.0049043	0.050123
7w11w_SITTI	0.11416843	0.6783036	6.63E-05	0.025299	-0.31137
7w11w_SITTI	0.01352872	0.0710344	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.09002185	0.53260094	6.44E-05	0.021137	0.05218
7w11w_SITTI	0.01141792	0.05829763	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.09650426	0.57171637	6.50E-05	0.023626	-0.055297
7w11w_SITTI	0.10724405	0.6365212	6.58E-05	0.025586	-0.23052

7w11w_SITTI	0.05264415	0.30706048	5.87E-05	0.0065755	0.057248
7w11w_SITTI	0.06207706	0.36397955	6.07E-05	0.0092324	0.083692
7w11w_SITTI	0.04280247	0.24767493	5.29E-05	0.0048617	-0.0013165
7w11w_SITTI	0.02780935	0.15720503	3.88E-05	0.0040827	-0.10472
7w11w_SITTI	0.07547723	0.4448374	6.26E-05	0.014549	0.13345
7w11w_SITTI	0.01083376	0.05477275	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.02023128	0.11147827	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.01788833	0.09734067	3.34E-05	0.0049043	0.067421
7w11w_SITTI	0.00970708	0.04797425	3.20E-05	0.0068348	0.4058
7w11w_SITTI	0.07723057	0.4554172	6.28E-05	0.015307	0.13646
7w11w_SITTI	0.00353314	0.01072013	3.18E-05	0.0092049	0.71249
7w11w_SITTI	0.09008768	0.53299814	6.44E-05	0.021137	0.05218
7w11w_SITTI	0.01636817	0.08816788	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.01881206	0.10291457	3.38E-05	0.004741	0.03364
7w11w_SITTI	0.08322651	0.49159727	6.36E-05	0.018151	0.12434
7w11w_SITTI	0.01020286	0.05096583	3.20E-05	0.0066628	0.37961
7w11w_SITTI	0.07437068	0.43816033	6.24E-05	0.014051	0.13074
7w11w_SITTI	0.04545816	0.2636996	5.50E-05	0.0052335	0.021279
7w11w_SITTI	0.03906411	0.22511728	4.92E-05	0.0044639	-0.034672
7w11w_SITTI	0.01362001	0.07158525	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.0559432	0.32696727	5.97E-05	0.0073934	0.067199
7w11w_SITTI	0.08435475	0.4984052	6.37E-05	0.018667	0.1136
7w11w_SITTI	0.01370814	0.07211701	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.10047002	0.59564614	6.53E-05	0.024687	-0.12375
7w11w_SITTI	0.08157979	0.4816608	6.34E-05	0.017373	0.13148
7w11w_SITTI	0.05835456	0.34151763	6.01E-05	0.0080116	0.073002
7w11w_SITTI	0.08177912	0.4828636	6.34E-05	0.017373	0.12948
7w11w_SITTI	0.02383989	0.13325296	3.61E-05	0.0042401	-0.073623
7w11w_SITTI	0.02282291	0.1271164	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.06259901	0.36712906	6.08E-05	0.0094206	0.085432
7w11w_SITTI	0.1085517	0.64441174	6.59E-05	0.025616	-0.24573
7w11w_SITTI	0.10281875	0.60981864	6.55E-05	0.025127	-0.16182
7w11w_SITTI	0.03599523	0.20659938	4.65E-05	0.0042637	-0.068307
7w11w_SITTI	0.01674064	0.0904154	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.11769964	0.69961125	6.64E-05	0.024917	-0.34876
7w11w_SITTI	0.09260373	0.5481802	6.46E-05	0.022258	0.019141
7w11w_SITTI	0.024654	0.13816538	3.64E-05	0.0042065	-0.080664
7w11w_SITTI	0.08921385	0.5277254	6.43E-05	0.020902	0.067165
7w11w_SITTI	0.07099164	0.41777095	6.20E-05	0.012608	0.11916
7w11w_SITTI	0.03481771	0.19949414	4.54E-05	0.0042028	-0.078293
7w11w_SITTI	0.03189994	0.18188803	4.22E-05	0.0040866	-0.097962
7w11w_SITTI	0.02883988	0.16342337	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.07382258	0.43485308	6.23E-05	0.013805	0.12913

7w11w_SITTI	0.09435769	0.5587638	6.48E-05	0.022877	-0.017059
7w11w_SITTI	0.01858475	0.10154291	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.09944253	0.5894462	6.53E-05	0.02442	-0.10426
7w11w_SITTI	0.0537979	0.31402233	5.91E-05	0.0068337	0.060836
7w11w_SITTI	0.07344706	0.43258718	6.23E-05	0.013561	0.12913
7w11w_SITTI	0.00526771	0.0211867	3.18E-05	0.0084677	0.62647
7w11w_SITTI	0.09664136	0.5725437	6.50E-05	0.023626	-0.055297
7w11w_SITTI	0.07863412	0.46388635	6.30E-05	0.016077	0.13651
7w11w_SITTI	0.10009074	0.59335756	6.53E-05	0.024558	-0.11403
7w11w_SITTI	0.12284648	0.7306678	6.67E-05	0.024282	-0.38934
7w11w_SITTI	0.02939025	0.16674437	4.02E-05	0.0040662	-0.10661
7w11w_SITTI	0.0169318	0.09156892	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.10541674	0.62549514	6.57E-05	0.025482	-0.20623
7w11w_SITTI	0.1067629	0.633618	6.58E-05	0.02556	-0.22263
7w11w_SITTI	0.10143496	0.6014687	6.54E-05	0.024923	-0.13341
7w11w_SITTI	0.01653894	0.08919837	3.31E-05	0.0050879	0.10435
7w11w_SITTI	0.08507712	0.502764	6.38E-05	0.018923	0.10916
7w11w_SITTI	0.01928254	0.10575347	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.11020199	0.6543697	6.60E-05	0.02558	-0.26716
7w11w_SITTI	0.02679721	0.15109771	3.80E-05	0.0041099	-0.099939
7w11w_SITTI	0.08875757	0.52497214	6.42E-05	0.020663	0.074212
7w11w_SITTI	0.07747836	0.45691243	6.29E-05	0.015562	0.13646
7w11w_SITTI	0.04171793	0.24113071	5.19E-05	0.0047337	-0.011944
7w11w_SITTI	0.04317525	0.24992429	5.33E-05	0.0049301	0.0036923
7w11w_SITTI	0.11297985	0.6711316	6.62E-05	0.025403	-0.29951
7w11w_SITTI	0.10864695	0.6449865	6.59E-05	0.025616	-0.24573
7w11w_SITTI	0.11491331	0.68279827	6.63E-05	0.025242	-0.32268
7w11w_SITTI	0.1211147	0.72021806	6.66E-05	0.02449	-0.37656
7w11w_SITTI	0.10241252	0.6073674	6.55E-05	0.025127	-0.15246
7w11w_SITTI	0.1166823	0.69347256	6.64E-05	0.025054	-0.33868
7w11w_SITTI	0.03075417	0.17497437	4.11E-05	0.0040705	-0.10475
7w11w_SITTI	0.06083832	0.35650486	6.06E-05	0.008866	0.080421
7w11w_SITTI	0.13211262	0.7865805	6.71E-05	0.023582	-0.45284
7w11w_SITTI	0.03233014	0.18448393	4.27E-05	0.004099	-0.097962
7w11w_SITTI	0.09743802	0.57735074	6.51E-05	0.023964	-0.065044
7w11w_SITTI	0.07553908	0.4452106	6.26E-05	0.014549	0.13453
7w11w_SITTI	0.03760095	0.21628848	4.81E-05	0.0043756	-0.05192
7w11w_SITTI	0.0228246	0.1271266	3.55E-05	0.0043197	-0.056631
7w11w_SITTI	0.01069686	0.05394672	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.09360535	0.5542241	6.48E-05	0.022676	0.0013661
7w11w_SITTI	0.09907176	0.5872089	6.53E-05	0.02442	-0.094455
7w11w_SITTI	0.08348135	0.49313498	6.36E-05	0.018151	0.12117
7w11w_SITTI	0.10371403	0.61522084	6.56E-05	0.025296	-0.18011

7w11w_SITTI	0.07775717	0.45859474	6.29E-05	0.015562	0.13662
7w11w_SITTI	0.01369576	0.07204231	3.25E-05	0.0056405	0.20898
7w11w_SITTI	0.13347246	0.7947859	6.71E-05	0.023546	-0.45937
7w11w_SITTI	0.12353186	0.7348034	6.67E-05	0.024153	-0.39346
7w11w_SITTI	0.0652685	0.383237	6.12E-05	0.01041	0.095509
7w11w_SITTI	0.08925302	0.52796173	6.43E-05	0.020902	0.067165
7w11w_SITTI	0.09505155	0.5629506	6.49E-05	0.023073	-0.026471
7w11w_SITTI	0.01566571	0.08392922	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.07361198	0.4335823	6.23E-05	0.013805	0.12913
7w11w_SITTI	0.14412963	0.8590923	6.75E-05	0.023623	-0.50968
7w11w_SITTI	0.11621748	0.69066775	6.64E-05	0.025054	-0.33347
7w11w_SITTI	0.00673866	0.03006258	3.18E-05	0.0078	0.54183
7w11w_SITTI	0.1046794	0.62104595	6.57E-05	0.025429	-0.18901
7w11w_SITTI	0.01136025	0.05794964	3.21E-05	0.006339	0.32844
7w11w_SITTI	0.01531059	0.08178635	3.27E-05	0.0054028	0.1442
7w11w_SITTI	0.01953692	0.10728844	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.03891221	0.22420076	4.92E-05	0.0044639	-0.040459
7w11w_SITTI	0.04719605	0.2741862	5.61E-05	0.0054936	0.032113
7w11w_SITTI	0.02888253	0.16368069	3.97E-05	0.0040686	-0.10664
7w11w_SITTI	0.12338439	0.73391354	6.67E-05	0.024217	-0.39346
7w11w_SITTI	0.06422893	0.37696415	6.10E-05	0.010005	0.091185
7w11w_SITTI	0.01975138	0.10858247	3.40E-05	0.0046667	0.0032259
7w11w_SITTI	0.05828777	0.34111464	6.01E-05	0.0080116	0.073002
7w11w_SITTI	0.10351006	0.61399	6.56E-05	0.025296	-0.17104
7w11w_SITTI	0.11266114	0.66920847	6.62E-05	0.025448	-0.29951
7w11w_SITTI	0.02157136	0.11956439	3.49E-05	0.0044169	-0.0356
7w11w_SITTI	0.08737275	0.51661605	6.41E-05	0.01993	0.087329
7w11w_SITTI	0.07936336	0.46828666	6.31E-05	0.016335	0.13613
7w11w_SITTI	0.10938585	0.64944506	6.60E-05	0.025611	-0.2602
7w11w_SITTI	0.1268733	0.75496596	6.69E-05	0.023834	-0.41707
7w11w_SITTI	0.00978487	0.04844366	3.20E-05	0.0068348	0.37961
7w11w_SITTI	0.0619323	0.36310607	6.07E-05	0.0092324	0.083692
7w11w_SITTI	0.10512672	0.6237451	6.57E-05	0.025482	-0.19772
7w11w_SITTI	0.01061245	0.05343736	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.01321787	0.06915867	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.01055117	0.05306759	3.21E-05	0.0064976	0.35381
7w11w_SITTI	0.01928855	0.10578976	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.10594712	0.6286954	6.58E-05	0.025526	-0.21453
7w11w_SITTI	0.1252948	0.7454412	6.68E-05	0.023978	-0.40938
7w11w_SITTI	0.00931091	0.04558372	3.20E-05	0.0068348	0.4058
7w11w_SITTI	0.01435283	0.07600714	3.26E-05	0.0055188	0.18676
7w11w_SITTI	0.09786233	0.5799111	6.51E-05	0.023964	-0.074831
7w11w_SITTI	0.02461358	0.13792148	3.64E-05	0.0042065	-0.080664

7w11w_SITTI	0.03134773	0.17855595	4.16E-05	0.0040771	-0.10071
7w11w_SITTI	0.00517992	0.02065698	3.18E-05	0.0084677	0.62647
7w11w_SITTI	0.10962869	0.65091044	6.60E-05	0.025599	-0.2602
7w11w_SITTI	0.09543812	0.56528324	6.49E-05	0.023263	-0.035993
7w11w_SITTI	0.13503566	0.8042184	6.72E-05	0.023533	-0.46872
7w11w_SITTI	0.08888178	0.52572167	6.42E-05	0.020663	0.067165
7w11w_SITTI	0.016404	0.0883841	3.30E-05	0.0051875	0.10435
7w11w_SITTI	0.10005268	0.59312785	6.53E-05	0.024558	-0.11403
7w11w_SITTI	0.03729578	0.21444705	4.76E-05	0.0043355	-0.057524
7w11w_SITTI	0.06063446	0.3552748	6.05E-05	0.008688	0.080421
7w11w_SITTI	0.03905905	0.22508678	4.92E-05	0.0044639	-0.034672
7w11w_SITTI	0.09827546	0.58240396	6.52E-05	0.024123	-0.084641
7w11w_SITTI	0.02469705	0.1384251	3.64E-05	0.0042065	-0.086782
7w11w_SITTI	0.08748465	0.51729125	6.41E-05	0.020177	0.087329
7w11w_SITTI	0.04480366	0.25975025	5.46E-05	0.0051531	0.017239
7w11w_SITTI	0.11879458	0.70621824	6.65E-05	0.024776	-0.3584
7w11w_SITTI	0.09265912	0.5485145	6.46E-05	0.022258	0.010343
7w11w_SITTI	0.01811091	0.09868377	3.36E-05	0.0048202	0.050123
7w11w_SITTI	0.02925317	0.16591722	4.02E-05	0.0040662	-0.10661
7w11w_SITTI	0.10994019	0.65279	6.60E-05	0.025599	-0.26716
7w11w_SITTI	0.09477487	0.5612811	6.49E-05	0.023073	-0.017059
7w11w_SITTI	0.07671865	0.45232823	6.27E-05	0.015053	0.13605
7w11w_SITTI	0.02222249	0.12349343	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.08393578	0.49587703	6.37E-05	0.01841	0.1176
7w11w_SITTI	0.00988661	0.04905754	3.20E-05	0.0066628	0.37961
7w11w_SITTI	0.05204737	0.30345947	5.85E-05	0.0064518	0.055318
7w11w_SITTI	0.11701967	0.69550824	6.64E-05	0.024986	-0.34377
7w11w_SITTI	0.09412585	0.5573648	6.48E-05	0.022877	-0.0077738
7w11w_SITTI	0.03078971	0.17518878	4.11E-05	0.0040705	-0.10299
7w11w_SITTI	0.08198576	0.48411044	6.35E-05	0.017633	0.12948
7w11w_SITTI	0.07487901	0.4412277	6.25E-05	0.014299	0.13218
7w11w_SITTI	0.01347879	0.07073313	3.24E-05	0.0057681	0.23179
7w11w_SITTI	0.0787942	0.46485233	6.30E-05	0.016077	0.13651
7w11w_SITTI	0.02621556	0.14758798	3.76E-05	0.0041286	-0.096385
7w11w_SITTI	0.13022451	0.7751875	6.70E-05	0.02364	-0.44263
7w11w_SITTI	0.0881462	0.5212831	6.42E-05	0.020421	0.080939
7w11w_SITTI	0.11044578	0.6558408	6.60E-05	0.02558	-0.27396
7w11w_SITTI	0.03337003	0.1907587	4.37E-05	0.0041322	-0.091175
7w11w_SITTI	0.11841484	0.70392686	6.65E-05	0.024847	-0.35363
7w11w_SITTI	0.05547159	0.32412153	5.95E-05	0.007248	0.065685
7w11w_SITTI	0.01266597	0.0658285	3.23E-05	0.0059016	0.25518
7w11w_SITTI	0.01575255	0.08445319	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.1175816	0.698899	6.64E-05	0.024917	-0.34876

7w11w_SITTI	0.01528535	0.08163409	3.27E-05	0.0054028	0.16515
7w11w_SITTI	0.11252986	0.6684163	6.62E-05	0.025448	-0.29951
7w11w_SITTI	0.0621025	0.36413306	6.07E-05	0.0092324	0.083692
7w11w_SITTI	0.09457564	0.5600789	6.48E-05	0.022877	-0.017059
7w11w_SITTI	0.02026443	0.11167831	3.42E-05	0.0045972	-0.01065
7w11w_SITTI	0.04746679	0.27581984	5.61E-05	0.0054936	0.035328
7w11w_SITTI	0.13445789	0.8007321	6.71E-05	0.023539	-0.46567
7w11w_SITTI	0.10324602	0.6123968	6.56E-05	0.025216	-0.17104
7w11w_SITTI	0.08855688	0.52376115	6.42E-05	0.020663	0.074212
7w11w_SITTI	0.10103802	0.5990735	6.54E-05	0.024809	-0.13341
7w11w_SITTI	0.00899836	0.04369782	3.19E-05	0.0070136	0.43237
7w11w_SITTI	0.04224621	0.24431838	5.24E-05	0.0047963	-0.00654
7w11w_SITTI	0.01597101	0.08577137	3.30E-05	0.0051875	0.12392
7w11w_SITTI	0.0274967	0.15531851	3.84E-05	0.0040947	-0.10472
7w11w_SITTI	0.15332136	0.91455597	6.77E-05	0.02371	-0.52582
7w11w_SITTI	0.11993803	0.71311796	6.65E-05	0.024632	-0.36766
7w11w_SITTI	0.09831874	0.58266515	6.52E-05	0.024123	-0.084641
7w11w_SITTI	0.1313001	0.7816777	6.70E-05	0.023599	-0.44949
7w11w_SITTI	0.04468824	0.2590538	5.42E-05	0.0050757	0.017239
7w11w_SITTI	0.04620408	0.26820055	5.54E-05	0.0053171	0.025099
7w11w_SITTI	0.12035162	0.71561354	6.66E-05	0.024561	-0.37215
7w11w_SITTI	0.10209139	0.60542965	6.55E-05	0.025029	-0.15246
7w11w_SITTI	0.10195163	0.6045863	6.55E-05	0.025029	-0.14299
7w11w_SITTI	0.01923752	0.10548184	3.40E-05	0.0046667	0.017998
7w11w_SITTI	0.02202795	0.12231953	3.52E-05	0.0043661	-0.046619
7w11w_SITTI	0.01991264	0.10955555	3.42E-05	0.0045972	0.0032259
7w11w_SITTI	0.01567531	0.0839871	3.28E-05	0.0052924	0.1442
7w11w_SITTI	0.09231052	0.546411	6.46E-05	0.022042	0.019141
7w11w_SITTF	0.01261189	0.06550218	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.08638106	0.5106321	6.40E-05	0.019681	0.099025
7w11w_SITTF	0.01666793	0.0899767	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.03596666	0.206427	4.65E-05	0.0042637	-0.068307
7w11w_SITTF	0.02873622	0.16279784	3.97E-05	0.0040686	-0.10664
7w11w_SITTF	0.06745091	0.39640585	6.15E-05	0.011255	0.10492
7w11w_SITTF	0.01402922	0.07405449	3.25E-05	0.0056405	0.20898
7w11w_SITTF	0.01699724	0.09196378	3.31E-05	0.0050879	0.085504
7w11w_SITTF	0.10556576	0.62639433	6.57E-05	0.025482	-0.20623
7w11w_SITTF	0.02332945	0.13017291	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.03353618	0.19176127	4.37E-05	0.0041322	-0.087207
7w11w_SITTF	0.11363068	0.6750588	6.62E-05	0.025353	-0.31137
7w11w_SITTF	0.08728989	0.5161161	6.41E-05	0.01993	0.087329
7w11w_SITTF	0.00774975	0.03616356	3.19E-05	0.0073923	0.48652
7w11w_SITTF	0.07949697	0.46909285	6.31E-05	0.016335	0.13545

7w11w_SITTF	0.10947947	0.65001005	6.60E-05	0.025611	-0.2602
7w11w_SITTF	0.01143669	0.0584109	3.21E-05	0.006339	0.30353
7w11w_SITTF	0.09281469	0.5494532	6.46E-05	0.022258	0.010343
7w11w_SITTF	0.03185398	0.1816107	4.22E-05	0.0040866	-0.10071
7w11w_SITTF	0.02104574	0.11639275	3.47E-05	0.0044724	-0.023601
7w11w_SITTF	0.01277897	0.06651032	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.07370756	0.43415904	6.23E-05	0.013805	0.12913
7w11w_SITTF	0.00946817	0.04653269	3.20E-05	0.0068348	0.4058
7w11w_SITTF	0.07501859	0.44206995	6.25E-05	0.014299	0.13345
7w11w_SITTF	0.05501723	0.32137987	5.94E-05	0.0071062	0.064127
7w11w_SITTF	0.1518585	0.90572894	6.77E-05	0.023707	-0.52493
7w11w_SITTF	0.01775416	0.09653107	3.34E-05	0.0049043	0.067421
7w11w_SITTF	0.10198203	0.60476977	6.55E-05	0.025029	-0.14299
7w11w_SITTF	0.04712959	0.27378514	5.61E-05	0.0054936	0.032113
7w11w_SITTF	0.13628925	0.8117827	6.72E-05	0.023527	-0.4775
7w11w_SITTF	0.01514931	0.0808132	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.10210427	0.6055074	6.55E-05	0.025029	-0.15246
7w11w_SITTF	0.05621436	0.3286035	5.97E-05	0.0073934	0.068678
7w11w_SITTF	0.07379945	0.43471354	6.23E-05	0.013805	0.12913
7w11w_SITTF	0.03047576	0.17329438	4.11E-05	0.0040705	-0.10475
7w11w_SITTF	0.06502472	0.381766	6.11E-05	0.010206	0.095509
7w11w_SITTF	0.08807415	0.52084833	6.42E-05	0.020421	0.080939
7w11w_SITTF	0.03934167	0.2267921	4.98E-05	0.0045122	-0.034672
7w11w_SITTF	0.1163925	0.6917239	6.64E-05	0.025054	-0.33868
7w11w_SITTF	0.06422915	0.3769655	6.10E-05	0.010005	0.091185
7w11w_SITTF	0.09127507	0.540163	6.45E-05	0.021822	0.036126
7w11w_SITTF	0.10737377	0.637304	6.59E-05	0.025604	-0.23052
7w11w_SITTF	0.11285772	0.6703947	6.62E-05	0.025448	-0.29951
7w11w_SITTF	0.03304833	0.18881753	4.32E-05	0.0041142	-0.091175
7w11w_SITTF	0.01881049	0.10290508	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.01625178	0.08746556	3.30E-05	0.0051875	0.12392
7w11w_SITTF	0.08976634	0.53105915	6.44E-05	0.021137	0.059815
7w11w_SITTF	0.01928414	0.10576317	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.11647379	0.69221437	6.64E-05	0.025054	-0.33868
7w11w_SITTF	0.02448305	0.13713385	3.64E-05	0.0042065	-0.080664
7w11w_SITTF	0.05513688	0.32210186	5.94E-05	0.0071062	0.065685
7w11w_SITTF	0.05784414	0.33843777	6.00E-05	0.0078516	0.073002
7w11w_SITTF	0.09451594	0.55971867	6.48E-05	0.022877	-0.017059
7w11w_SITTF	0.06255185	0.36684448	6.08E-05	0.0094206	0.085432
7w11w_SITTF	0.06749843	0.39669257	6.15E-05	0.011255	0.10492
7w11w_SITTF	0.02026328	0.11167139	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.10511082	0.6236492	6.57E-05	0.025429	-0.19772
7w11w_SITTF	0.14576565	0.86896414	6.75E-05	0.02365	-0.51443

7w11w_SITTF	0.01700362	0.09200227	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.1306016	0.7774629	6.70E-05	0.02364	-0.44263
7w11w_SITTF	0.09665652	0.5726351	6.50E-05	0.023626	-0.055297
7w11w_SITTF	0.08063087	0.47593492	6.32E-05	0.016854	0.13314
7w11w_SITTF	0.05035415	0.29324245	5.78E-05	0.0061018	0.048868
7w11w_SITTF	0.06158499	0.3610104	6.07E-05	0.0090475	0.082025
7w11w_SITTF	0.0922278	0.54591185	6.46E-05	0.022042	0.019141
7w11w_SITTF	0.01812839	0.0987892	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.08592382	0.50787306	6.39E-05	0.01943	0.1043
7w11w_SITTF	0.02955457	0.16773587	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.04997896	0.2909785	5.76E-05	0.005992	0.046466
7w11w_SITTF	0.14681809	0.87531465	6.76E-05	0.023666	-0.51713
7w11w_SITTF	0.06989428	0.41114935	6.18E-05	0.012147	0.11455
7w11w_SITTF	0.09263746	0.5483838	6.46E-05	0.022258	0.010343
7w11w_SITTF	0.09997506	0.59265953	6.53E-05	0.024558	-0.11403
7w11w_SITTF	0.06825184	0.40123874	6.16E-05	0.011474	0.10734
7w11w_SITTF	0.13460699	0.80163175	6.72E-05	0.023533	-0.46567
7w11w_SITTF	0.08768504	0.51850045	6.41E-05	0.020177	0.080939
7w11w_SITTF	0.04864665	0.28293923	5.70E-05	0.0057827	0.041222
7w11w_SITTF	0.0198404	0.10911969	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.01911787	0.10475983	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.05816574	0.34037828	6.01E-05	0.0080116	0.073002
7w11w_SITTF	0.12855354	0.7651047	6.69E-05	0.023723	-0.43195
7w11w_SITTF	0.11432146	0.679227	6.63E-05	0.025299	-0.3171
7w11w_SITTF	0.02174011	0.12058266	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.08337244	0.49247783	6.36E-05	0.018151	0.12117
7w11w_SITTF	0.08686857	0.51357377	6.41E-05	0.01993	0.093363
7w11w_SITTF	0.05735045	0.33545873	5.99E-05	0.0076952	0.071569
7w11w_SITTF	0.0208846	0.11542044	3.47E-05	0.0044724	-0.023601
7w11w_SITTF	0.00479287	0.01832145	3.18E-05	0.0087056	0.65503
7w11w_SITTF	0.13316092	0.79290605	6.71E-05	0.023556	-0.45937
7w11w_SITTF	0.01186497	0.06099519	3.22E-05	0.0061869	0.30353
7w11w_SITTF	0.04205621	0.24317192	5.24E-05	0.0047963	-0.00654
7w11w_SITTF	0.02007384	0.11052823	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.08392746	0.49582687	6.37E-05	0.01841	0.1176
7w11w_SITTF	0.13083136	0.7788493	6.70E-05	0.023618	-0.44608
7w11w_SITTF	0.11166682	0.66320866	6.61E-05	0.025525	-0.28705
7w11w_SITTF	0.01457389	0.07734107	3.26E-05	0.0055188	0.18676
7w11w_SITTF	0.14133751	0.8422444	6.74E-05	0.023575	-0.49999
7w11w_SITTF	0.0739441	0.43558633	6.23E-05	0.013805	0.13074
7w11w_SITTF	0.02605641	0.14662763	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.00981134	0.04860337	3.20E-05	0.0066628	0.37961
7w11w_SITTF	0.06704947	0.39398348	6.14E-05	0.011039	0.10251

7w11w_SITTF	0.01214691	0.06269642	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.01272636	0.06619287	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.02378592	0.1329273	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.02606927	0.14670521	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.09104808	0.53879327	6.45E-05	0.021597	0.036126
7w11w_SITTF	0.09328671	0.5523014	6.47E-05	0.022469	0.0013661
7w11w_SITTF	0.02960261	0.16802575	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.02654596	0.14958164	3.80E-05	0.0041099	-0.099939
7w11w_SITTF	0.08442617	0.49883613	6.37E-05	0.018667	0.1136
7w11w_SITTF	0.08989816	0.53185457	6.44E-05	0.021137	0.05218
7w11w_SITTF	0.02850795	0.16142045	3.93E-05	0.004074	-0.10603
7w11w_SITTF	0.0895484	0.5297441	6.43E-05	0.020902	0.059815
7w11w_SITTF	0.01370191	0.07207941	3.25E-05	0.0056405	0.20898
7w11w_SITTF	0.02704679	0.15260369	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.02415268	0.13514037	3.61E-05	0.0042401	-0.080664
7w11w_SITTF	0.01289281	0.06719726	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.10292332	0.6104496	6.56E-05	0.025216	-0.16182
7w11w_SITTF	0.01874623	0.10251732	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.10753684	0.63828796	6.59E-05	0.025604	-0.23052
7w11w_SITTF	0.02467855	0.1383135	3.64E-05	0.0042065	-0.080664
7w11w_SITTF	0.02272857	0.12654714	3.55E-05	0.0043197	-0.056631
7w11w_SITTF	0.07242395	0.42641363	6.21E-05	0.01308	0.12548
7w11w_SITTF	0.05133359	0.29915246	5.81E-05	0.006215	0.053285
7w11w_SITTF	0.13937308	0.8303908	6.73E-05	0.023544	-0.49075
7w11w_SITTF	0.10620971	0.63027996	6.58E-05	0.025526	-0.21453
7w11w_SITTF	0.10858049	0.64458543	6.59E-05	0.025616	-0.24573
7w11w_SITTF	0.02642866	0.14887385	3.80E-05	0.0041099	-0.099939
7w11w_SITTF	0.01942317	0.10660203	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.08764368	0.5182508	6.41E-05	0.020177	0.087329
7w11w_SITTF	0.03227221	0.18413436	4.27E-05	0.004099	-0.097962
7w11w_SITTF	0.09527776	0.5643156	6.49E-05	0.023263	-0.026471
7w11w_SITTF	0.01392968	0.07345382	3.25E-05	0.0056405	0.20898
7w11w_SITTF	0.08518427	0.5034105	6.39E-05	0.019177	0.10916
7w11w_SITTF	0.02512628	0.14101513	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.10284933	0.6100031	6.55E-05	0.025127	-0.16182
7w11w_SITTF	0.00890153	0.04311353	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.01817657	0.09907994	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.06060362	0.35508868	6.05E-05	0.008688	0.080421
7w11w_SITTF	0.09507129	0.56306976	6.49E-05	0.023073	-0.026471
7w11w_SITTF	0.06566383	0.38562244	6.12E-05	0.01041	0.097788
7w11w_SITTF	0.01306601	0.06824238	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.02386487	0.13340366	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.04284582	0.24793649	5.29E-05	0.0048617	-0.0013165

7w11w_SITTF	0.03331344	0.19041723	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.08394752	0.4959479	6.37E-05	0.01841	0.1176
7w11w_SITTF	0.08419213	0.4974239	6.37E-05	0.018667	0.1176
7w11w_SITTF	0.08171067	0.48245052	6.34E-05	0.017373	0.12948
7w11w_SITTF	0.0636564	0.37350944	6.10E-05	0.0098069	0.089169
7w11w_SITTF	0.0142369	0.0753076	3.26E-05	0.0055188	0.18676
7w11w_SITTF	0.01492805	0.07947809	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.07790398	0.4594806	6.29E-05	0.015562	0.13662
7w11w_SITTF	0.09432782	0.55858356	6.48E-05	0.022877	-0.017059
7w11w_SITTF	0.12426999	0.7392574	6.67E-05	0.024092	-0.40152
7w11w_SITTF	0.02823984	0.15980266	3.93E-05	0.004074	-0.10603
7w11w_SITTF	0.01884328	0.10310296	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.04685033	0.27210006	5.57E-05	0.0054037	0.032113
7w11w_SITTF	0.04271137	0.24712521	5.29E-05	0.0048617	-0.0013165
7w11w_SITTF	0.0802758	0.47379243	6.32E-05	0.016854	0.13446
7w11w_SITTF	0.09464496	0.56049716	6.49E-05	0.023073	-0.017059
7w11w_SITTF	0.07439612	0.43831387	6.24E-05	0.014051	0.13074
7w11w_SITTF	0.00709941	0.03223934	3.19E-05	0.0075925	0.51404
7w11w_SITTF	0.03346185	0.19131278	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.00888466	0.0430117	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.02005251	0.11039951	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.10115279	0.599766	6.54E-05	0.024809	-0.13341
7w11w_SITTF	0.01854144	0.1012816	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.02895924	0.16414362	3.97E-05	0.0040686	-0.10664
7w11w_SITTF	0.1308187	0.77877283	6.70E-05	0.023618	-0.44608
7w11w_SITTF	0.01341742	0.07036279	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.0351131	0.20127653	4.54E-05	0.0042028	-0.078293
7w11w_SITTF	0.04155971	0.24017599	5.19E-05	0.0047337	-0.011944
7w11w_SITTF	0.02217909	0.12323151	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.08882885	0.52540225	6.42E-05	0.020663	0.067165
7w11w_SITTF	0.02012274	0.11082331	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.09223583	0.5459603	6.46E-05	0.022042	0.019141
7w11w_SITTF	0.13103113	0.7800547	6.70E-05	0.023618	-0.44608
7w11w_SITTF	0.05926073	0.34698558	6.03E-05	0.0083426	0.075889
7w11w_SITTF	0.0677056	0.39794266	6.15E-05	0.011255	0.10492
7w11w_SITTF	0.12503062	0.7438471	6.68E-05	0.024034	-0.40548
7w11w_SITTF	0.09388267	0.5558975	6.48E-05	0.022676	-0.0077738
7w11w_SITTF	0.01953498	0.1072767	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.0428552	0.24799307	5.29E-05	0.0048617	-0.0013165
7w11w_SITTF	0.08317456	0.49128377	6.36E-05	0.018151	0.12434
7w11w_SITTF	0.02173179	0.12053246	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.09003094	0.5326558	6.44E-05	0.021137	0.05218
7w11w_SITTF	0.02843719	0.16099352	3.93E-05	0.004074	-0.10603

7w11w_SITTF	0.01578057	0.08462226	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.0916713	0.5425539	6.45E-05	0.021822	0.027741
7w11w_SITTF	0.02072947	0.1144844	3.44E-05	0.0045325	-0.01065
7w11w_SITTF	0.04959271	0.28864786	5.73E-05	0.0058857	0.046466
7w11w_SITTF	0.016697	0.09015209	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.01804235	0.09827003	3.34E-05	0.0049043	0.067421
7w11w_SITTF	0.00922193	0.04504683	3.19E-05	0.0070136	0.4058
7w11w_SITTF	0.00882776	0.04266835	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.01707421	0.09242821	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.04361283	0.2525647	5.38E-05	0.0050014	0.008455
7w11w_SITTF	0.02066682	0.11410633	3.44E-05	0.0045325	-0.01065
7w11w_SITTF	0.08542255	0.5048483	6.39E-05	0.019177	0.10916
7w11w_SITTF	0.08809687	0.5209854	6.42E-05	0.020421	0.080939
7w11w_SITTF	0.0430501	0.24916913	5.33E-05	0.0049301	0.0036923
7w11w_SITTF	0.06495198	0.38132706	6.11E-05	0.010206	0.093303
7w11w_SITTF	0.08685203	0.5134739	6.41E-05	0.01993	0.093363
7w11w_SITTF	0.0132037	0.06907319	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.00997759	0.04960657	3.20E-05	0.0066628	0.37961
7w11w_SITTF	0.00900364	0.04372965	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.01539414	0.08229054	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.01359932	0.07146042	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.02899337	0.16434954	3.97E-05	0.0040686	-0.10664
7w11w_SITTF	0.11200225	0.6652327	6.61E-05	0.025489	-0.29336
7w11w_SITTF	0.0806647	0.47613907	6.32E-05	0.016854	0.13314
7w11w_SITTF	0.10497853	0.62285095	6.57E-05	0.025429	-0.19772
7w11w_SITTF	0.09432318	0.55855554	6.48E-05	0.022877	-0.017059
7w11w_SITTF	0.10466795	0.62097687	6.57E-05	0.025429	-0.18901
7w11w_SITTF	0.02851775	0.16147959	3.93E-05	0.004074	-0.10603
7w11w_SITTF	0.13301171	0.7920057	6.71E-05	0.023556	-0.45937
7w11w_SITTF	0.05762254	0.33710057	6.00E-05	0.0078516	0.071569
7w11w_SITTF	0.11180258	0.66402787	6.61E-05	0.025489	-0.28705
7w11w_SITTF	0.13385196	0.79707587	6.71E-05	0.023546	-0.46255
7w11w_SITTF	0.10218906	0.606019	6.55E-05	0.025029	-0.15246
7w11w_SITTF	0.07658119	0.45149878	6.27E-05	0.015053	0.1354
7w11w_SITTF	0.01748172	0.09488718	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.03398217	0.1944524	4.43E-05	0.004153	-0.087207
7w11w_SITTF	0.07686738	0.45322567	6.28E-05	0.015307	0.13605
7w11w_SITTF	0.09963997	0.59063756	6.53E-05	0.024558	-0.10426
7w11w_SITTF	0.10078062	0.59752035	6.54E-05	0.024809	-0.12375
7w11w_SITTF	0.0352493	0.20209841	4.54E-05	0.0042028	-0.073417
7w11w_SITTF	0.14577003	0.8689906	6.75E-05	0.02365	-0.51443
7w11w_SITTF	0.00865159	0.04160532	3.19E-05	0.0071994	0.45929
7w11w_SITTF	0.02026665	0.11169166	3.42E-05	0.0045972	-0.01065

7w11w_SITTF	0.05998127	0.35133335	6.04E-05	0.0085136	0.077363
7w11w_SITTF	0.06598197	0.38754213	6.13E-05	0.010616	0.097788
7w11w_SITTF	0.10261672	0.60859954	6.55E-05	0.025127	-0.16182
7w11w_SITTF	0.00358233	0.01101698	3.18E-05	0.0092049	0.71249
7w11w_SITTF	0.0852862	0.5040256	6.39E-05	0.019177	0.10916
7w11w_SITTF	0.08043395	0.4747467	6.32E-05	0.016854	0.13446
7w11w_SITTF	0.0437666	0.25349256	5.38E-05	0.0050014	0.008455
7w11w_SITTF	0.08563227	0.50611377	6.39E-05	0.019177	0.1043
7w11w_SITTF	0.05341513	0.31171268	5.89E-05	0.0067028	0.060836
7w11w_SITTF	0.01946094	0.10682996	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.12453621	0.74086374	6.68E-05	0.024034	-0.40152
7w11w_SITTF	0.05812996	0.3401624	6.01E-05	0.0080116	0.073002
7w11w_SITTF	0.10032528	0.59477276	6.53E-05	0.024687	-0.11403
7w11w_SITTF	0.08562841	0.50609046	6.39E-05	0.019177	0.1043
7w11w_SITTF	0.02705578	0.15265793	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.02776648	0.15694635	3.88E-05	0.0040827	-0.10472
7w11w_SITTF	0.01678987	0.0907125	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.01822968	0.09940042	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.1015056	0.6018949	6.54E-05	0.024923	-0.14299
7w11w_SITTF	0.06406269	0.37596104	6.10E-05	0.0098069	0.091185
7w11w_SITTF	0.07172465	0.422194	6.20E-05	0.012843	0.12348
7w11w_SITTF	0.02893398	0.16399114	3.97E-05	0.0040686	-0.10664
7w11w_SITTF	0.09396572	0.5563986	6.48E-05	0.022676	-0.0077738
7w11w_SITTF	0.02937967	0.16668049	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.01518747	0.08104345	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.1202456	0.7149738	6.66E-05	0.024561	-0.36766
7w11w_SITTF	0.00919428	0.04488001	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.07727945	0.45571214	6.28E-05	0.015307	0.13646
7w11w_SITTF	0.08890744	0.5258765	6.42E-05	0.020663	0.067165
7w11w_SITTF	0.01771596	0.09630057	3.34E-05	0.0049043	0.067421
7w11w_SITTF	0.08733067	0.51636213	6.41E-05	0.01993	0.087329
7w11w_SITTF	0.09372907	0.5549707	6.48E-05	0.022676	0.0013661
7w11w_SITTF	0.1113399	0.661236	6.61E-05	0.025525	-0.28058
7w11w_SITTF	0.02759709	0.15592426	3.88E-05	0.0040827	-0.10472
7w11w_SITTF	0.04063822	0.23461561	5.09E-05	0.0046173	-0.023154
7w11w_SITTF	0.05761892	0.33707875	6.00E-05	0.0078516	0.071569
7w11w_SITTF	0.02004043	0.11032662	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.12029164	0.7152516	6.66E-05	0.024561	-0.37215
7w11w_SITTF	0.08913983	0.5272787	6.43E-05	0.020902	0.067165
7w11w_SITTF	0.1260489	0.7499914	6.68E-05	0.023927	-0.41325
7w11w_SITTF	0.03762576	0.21643814	4.81E-05	0.0043756	-0.05192
7w11w_SITTF	0.03078031	0.17513208	4.11E-05	0.0040705	-0.10299
7w11w_SITTF	0.02061392	0.11378713	3.44E-05	0.0045325	-0.01065

7w11w_SITTF	0.13031381	0.7757264	6.70E-05	0.02364	-0.44263
7w11w_SITTF	0.03400459	0.19458768	4.43E-05	0.004153	-0.087207
7w11w_SITTF	0.01346262	0.07063555	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.14280182	0.8510801	6.74E-05	0.023593	-0.50412
7w11w_SITTF	0.05970168	0.34964627	6.04E-05	0.0085136	0.077363
7w11w_SITTF	0.00840819	0.04013663	3.19E-05	0.0071994	0.45929
7w11w_SITTF	0.11970677	0.7117225	6.65E-05	0.024632	-0.36766
7w11w_SITTF	0.02117782	0.11718979	3.47E-05	0.0044724	-0.023601
7w11w_SITTF	0.0159656	0.08573876	3.30E-05	0.0051875	0.12392
7w11w_SITTF	0.09270681	0.5488022	6.46E-05	0.022258	0.010343
7w11w_SITTF	0.09273358	0.5489637	6.46E-05	0.022258	0.010343
7w11w_SITTF	0.10588776	0.6283373	6.58E-05	0.025526	-0.21453
7w11w_SITTF	0.12090099	0.7189285	6.66E-05	0.02449	-0.37656
7w11w_SITTF	0.03117875	0.1775363	4.16E-05	0.0040771	-0.10299
7w11w_SITTF	0.04759378	0.27658615	5.64E-05	0.0055867	0.035328
7w11w_SITTF	0.00853676	0.04091248	3.19E-05	0.0071994	0.45929
7w11w_SITTF	0.02510713	0.14089963	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.04669026	0.27113423	5.57E-05	0.0054037	0.028707
7w11w_SITTF	0.00373043	0.01191061	3.18E-05	0.0089513	0.68371
7w11w_SITTF	0.10730597	0.63689494	6.58E-05	0.025586	-0.23052
7w11w_SITTF	0.02182337	0.1210851	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.01075929	0.05432341	3.21E-05	0.0064976	0.35381
7w11w_SITTF	0.01650992	0.08902326	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.03379863	0.19334492	4.43E-05	0.004153	-0.087207
7w11w_SITTF	0.02371769	0.1325156	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.02561894	0.14398792	3.72E-05	0.0041509	-0.092011
7w11w_SITTF	0.06128507	0.35920063	6.06E-05	0.008866	0.082025
7w11w_SITTF	0.15125632	0.9020954	6.77E-05	0.023705	-0.52438
7w11w_SITTF	0.01221428	0.06310296	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.08793132	0.5199865	6.41E-05	0.020177	0.080939
7w11w_SITTF	0.02030988	0.11195257	3.42E-05	0.0045972	-0.01065
7w11w_SITTF	0.04705208	0.27331746	5.61E-05	0.0054936	0.032113
7w11w_SITTF	0.01250956	0.06488469	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.01284817	0.0669279	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.02715853	0.1532779	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.08221909	0.48551837	6.35E-05	0.017633	0.1271
7w11w_SITTF	0.01587464	0.08518989	3.28E-05	0.0052924	0.12392
7w11w_SITTF	0.05120159	0.29835594	5.81E-05	0.006215	0.053285
7w11w_SITTF	0.02651727	0.1494085	3.80E-05	0.0041099	-0.099939
7w11w_SITTF	0.08471106	0.50055516	6.38E-05	0.018923	0.1136
7w11w_SITTF	0.02099743	0.11610125	3.47E-05	0.0044724	-0.023601
7w11w_SITTF	0.01694841	0.09166911	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.06155659	0.36083898	6.07E-05	0.0090475	0.082025

7w11w_SITTF	0.02499754	0.14023833	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.11980753	0.7123305	6.65E-05	0.024632	-0.36766
7w11w_SITTF	0.09399147	0.55655396	6.48E-05	0.022676	-0.0077738
7w11w_SITTF	0.03623505	0.20804647	4.65E-05	0.0042637	-0.068307
7w11w_SITTF	0.01970717	0.10831574	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.12370519	0.73584926	6.67E-05	0.024153	-0.39752
7w11w_SITTF	0.06493834	0.38124478	6.11E-05	0.010206	0.093303
7w11w_SITTF	0.02696271	0.15209632	3.80E-05	0.0041099	-0.10271
7w11w_SITTF	0.11814954	0.702326	6.65E-05	0.024847	-0.35363
7w11w_SITTF	0.01424372	0.07534875	3.26E-05	0.0055188	0.18676
7w11w_SITTF	0.10516489	0.6239754	6.57E-05	0.025482	-0.19772
7w11w_SITTF	0.03290542	0.1879552	4.32E-05	0.0041142	-0.094772
7w11w_SITTF	0.09768041	0.5788134	6.51E-05	0.023964	-0.074831
7w11w_SITTF	0.09082346	0.537438	6.45E-05	0.021597	0.044278
7w11w_SITTF	0.02246185	0.12493769	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.06345075	0.3722685	6.09E-05	0.0096122	0.089169
7w11w_SITTF	0.07858075	0.46356428	6.30E-05	0.016077	0.13651
7w11w_SITTF	0.09351362	0.5536706	6.48E-05	0.022676	0.0013661
7w11w_SITTF	0.13509512	0.8045772	6.72E-05	0.023529	-0.46872
7w11w_SITTF	0.09250266	0.5475704	6.46E-05	0.022258	0.019141
7w11w_SITTF	0.07642744	0.45057103	6.27E-05	0.015053	0.1354
7w11w_SITTF	0.02390021	0.13361694	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.01547442	0.08277494	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.03258641	0.1860303	4.32E-05	0.0041142	-0.094772
7w11w_SITTF	0.03209075	0.18303941	4.27E-05	0.004099	-0.097962
7w11w_SITTF	0.12684302	0.7547833	6.69E-05	0.023834	-0.41707
7w11w_SITTF	0.0259338	0.14588778	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.09169746	0.54271173	6.45E-05	0.021822	0.027741
7w11w_SITTF	0.08271587	0.488516	6.35E-05	0.017892	0.12434
7w11w_SITTF	0.02076754	0.11471411	3.44E-05	0.0045325	-0.01065
7w11w_SITTF	0.02342514	0.1307503	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.11711612	0.6960902	6.64E-05	0.024986	-0.34377
7w11w_SITTF	0.05231944	0.3051012	5.85E-05	0.0064518	0.057248
7w11w_SITTF	0.01886018	0.10320491	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.03742557	0.21523018	4.76E-05	0.0043355	-0.05192
7w11w_SITTF	0.10769524	0.6392438	6.59E-05	0.025604	-0.23822
7w11w_SITTF	0.15162499	0.90431994	6.77E-05	0.023705	-0.52438
7w11w_SITTF	0.10635237	0.6311408	6.58E-05	0.02556	-0.21453
7w11w_SITTF	0.10333479	0.61293244	6.56E-05	0.025216	-0.17104
7w11w_SITTF	0.06758246	0.39719963	6.15E-05	0.011255	0.10492
7w11w_SITTF	0.13491929	0.8035162	6.72E-05	0.023533	-0.46872
7w11w_SITTF	0.13394214	0.79762	6.71E-05	0.023546	-0.46255
7w11w_SITTF	0.09359222	0.55414486	6.48E-05	0.022676	0.0013661

7w11w_SITTF	0.08752923	0.51756024	6.41E-05	0.020177	0.087329
7w11w_SITTF	0.03115174	0.1773733	4.16E-05	0.0040771	-0.10299
7w11w_SITTF	0.02188619	0.12146416	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.05780792	0.33821917	6.00E-05	0.0078516	0.071569
7w11w_SITTF	0.1353472	0.8060983	6.72E-05	0.023529	-0.47171
7w11w_SITTF	0.05991515	0.3509344	6.04E-05	0.0085136	0.077363
7w11w_SITTF	0.08868828	0.524554	6.42E-05	0.020663	0.074212
7w11w_SITTF	0.02276269	0.12675303	3.55E-05	0.0043197	-0.056631
7w11w_SITTF	0.01666815	0.08997798	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.1010005	0.5988471	6.54E-05	0.024809	-0.13341
7w11w_SITTF	0.04473247	0.25932068	5.46E-05	0.0051531	0.017239
7w11w_SITTF	0.07466684	0.43994746	6.25E-05	0.014299	0.13218
7w11w_SITTF	0.09661066	0.5723584	6.50E-05	0.023626	-0.055297
7w11w_SITTF	0.09186762	0.5437385	6.46E-05	0.022042	0.027741
7w11w_SITTF	0.12084097	0.71856636	6.66E-05	0.02449	-0.37656
7w11w_SITTF	0.03360527	0.19217819	4.37E-05	0.0041322	-0.087207
7w11w_SITTF	0.0187622	0.10261369	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.04287895	0.24813642	5.29E-05	0.0048617	-0.0013165
7w11w_SITTF	0.07986338	0.47130382	6.32E-05	0.016594	0.13545
7w11w_SITTF	0.0301137	0.1711097	4.07E-05	0.0040668	-0.10597
7w11w_SITTF	0.02414044	0.13506648	3.61E-05	0.0042401	-0.080664
7w11w_SITTF	0.01053424	0.05296543	3.21E-05	0.0064976	0.35381
7w11w_SITTF	0.07828888	0.46180314	6.29E-05	0.015819	0.13651
7w11w_SITTF	0.0063372	0.0276401	3.18E-05	0.008015	0.56984
7w11w_SITTF	0.09337828	0.55285394	6.47E-05	0.022469	0.0013661
7w11w_SITTF	0.10257696	0.60835963	6.55E-05	0.025127	-0.16182
7w11w_SITTF	0.07150586	0.4208738	6.20E-05	0.012843	0.12136
7w11w_SITTF	0.08321639	0.4915362	6.36E-05	0.018151	0.12434
7w11w_SITTF	0.13141549	0.78237396	6.70E-05	0.023599	-0.44949
7w11w_SITTF	0.01724423	0.09345415	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.08541615	0.50480974	6.39E-05	0.019177	0.10916
7w11w_SITTF	0.01980547	0.10890888	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.01193374	0.06141011	3.22E-05	0.0061869	0.30353
7w11w_SITTF	0.00889237	0.04305825	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.01807082	0.09844182	3.34E-05	0.0049043	0.050123
7w11w_SITTF	0.07328365	0.43160114	6.23E-05	0.013561	0.12737
7w11w_SITTF	0.10322844	0.6122907	6.56E-05	0.025216	-0.17104
7w11w_SITTF	0.09061494	0.53617966	6.44E-05	0.021369	0.044278
7w11w_SITTF	0.08692899	0.51393837	6.41E-05	0.01993	0.093363
7w11w_SITTF	0.09765056	0.57863325	6.51E-05	0.023964	-0.074831
7w11w_SITTF	0.04288995	0.24820277	5.29E-05	0.0048617	-0.0013165
7w11w_SITTF	0.06576996	0.3862628	6.12E-05	0.01041	0.097788
7w11w_SITTF	0.03246294	0.18528526	4.27E-05	0.004099	-0.094772

7w11w_SITTF	0.01915191	0.10496524	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.04209507	0.24340641	5.24E-05	0.0047963	-0.00654
7w11w_SITTF	0.03136844	0.17868091	4.16E-05	0.0040771	-0.10071
7w11w_SITTF	0.02935954	0.16655906	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.10931733	0.64903164	6.60E-05	0.025611	-0.2602
7w11w_SITTF	0.07834963	0.4621697	6.29E-05	0.015819	0.13651
7w11w_SITTF	0.01191307	0.06128543	3.22E-05	0.0061869	0.30353
7w11w_SITTF	0.05799375	0.3393405	6.00E-05	0.0078516	0.073002
7w11w_SITTF	0.05744128	0.33600685	5.99E-05	0.0076952	0.071569
7w11w_SITTF	0.02709002	0.15286453	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.08282098	0.48915026	6.35E-05	0.017892	0.12434
7w11w_SITTF	0.01640415	0.08838501	3.30E-05	0.0051875	0.10435
7w11w_SITTF	0.12930475	0.7696376	6.70E-05	0.023692	-0.43556
7w11w_SITTF	0.01464177	0.07775067	3.26E-05	0.0055188	0.18676
7w11w_SITTF	0.00513962	0.02041378	3.18E-05	0.0084677	0.62647
7w11w_SITTF	0.03066434	0.17443232	4.11E-05	0.0040705	-0.10475
7w11w_SITTF	0.01593677	0.08556477	3.30E-05	0.0051875	0.12392
7w11w_SITTF	0.07350621	0.43294406	6.23E-05	0.013561	0.12913
7w11w_SITTF	0.02338656	0.13051753	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.09287932	0.5498432	6.46E-05	0.022258	0.010343
7w11w_SITTF	0.08233102	0.48619378	6.35E-05	0.017633	0.1271
7w11w_SITTF	0.12114549	0.72040385	6.66E-05	0.02449	-0.37656
7w11w_SITTF	0.09561871	0.56637293	6.49E-05	0.023263	-0.035993
7w11w_SITTF	0.03308305	0.18902704	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.10652309	0.6321709	6.58E-05	0.02556	-0.22263
7w11w_SITTF	0.07828099	0.46175557	6.29E-05	0.015819	0.13651
7w11w_SITTF	0.10446109	0.6197286	6.56E-05	0.025367	-0.18901
7w11w_SITTF	0.10000256	0.5928255	6.53E-05	0.024558	-0.11403
7w11w_SITTF	0.02191088	0.12161311	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.01251219	0.06490056	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.10340161	0.6133356	6.56E-05	0.025216	-0.17104
7w11w_SITTF	0.06184996	0.3626092	6.07E-05	0.0090475	0.083692
7w11w_SITTF	0.0765435	0.45127133	6.27E-05	0.015053	0.1354
7w11w_SITTF	0.0330232	0.18866588	4.32E-05	0.0041142	-0.091175
7w11w_SITTF	0.11118718	0.6603145	6.61E-05	0.025556	-0.28058
7w11w_SITTF	0.11002214	0.6532845	6.60E-05	0.025599	-0.26716
7w11w_SITTF	0.03629745	0.20842303	4.65E-05	0.0042637	-0.062998
7w11w_SITTF	0.09195566	0.54426974	6.46E-05	0.022042	0.027741
7w11w_SITTF	0.14401345	0.8583912	6.75E-05	0.023623	-0.50968
7w11w_SITTF	0.11844782	0.7041258	6.65E-05	0.024776	-0.35363
7w11w_SITTF	0.0915056	0.54155403	6.45E-05	0.021822	0.036126
7w11w_SITTF	0.14793704	0.88206655	6.76E-05	0.02368	-0.51946
7w11w_SITTF	0.11671092	0.69364524	6.64E-05	0.025054	-0.33868

7w11w_SITTF	0.08795872	0.5201518	6.42E-05	0.020421	0.080939
7w11w_SITTF	0.1529333	0.9122144	6.77E-05	0.02371	-0.52582
7w11w_SITTF	0.11168494	0.66331804	6.61E-05	0.025525	-0.28705
7w11w_SITTF	0.10072848	0.5972057	6.54E-05	0.024809	-0.12375
7w11w_SITTF	0.08588298	0.50762665	6.39E-05	0.01943	0.1043
7w11w_SITTF	0.08896974	0.5262524	6.42E-05	0.020663	0.067165
7w11w_SITTF	0.01404494	0.07414932	3.25E-05	0.0056405	0.20898
7w11w_SITTF	0.09168289	0.5426238	6.45E-05	0.021822	0.027741
7w11w_SITTF	0.00859038	0.04123597	3.19E-05	0.0071994	0.45929
7w11w_SITTF	0.07526299	0.44354463	6.26E-05	0.014549	0.13345
7w11w_SITTF	0.11316373	0.6722412	6.62E-05	0.025403	-0.30551
7w11w_SITTF	0.02561269	0.14395018	3.72E-05	0.0041509	-0.092011
7w11w_SITTF	0.06828495	0.40143853	6.16E-05	0.011474	0.10734
7w11w_SITTF	0.09029491	0.5342486	6.44E-05	0.021369	0.05218
7w11w_SITTF	0.1358261	0.808988	6.72E-05	0.023527	-0.47464
7w11w_SITTF	0.09970864	0.59105194	6.53E-05	0.024558	-0.10426
7w11w_SITTF	0.02325083	0.12969851	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.01276099	0.06640182	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.07281137	0.42875138	6.22E-05	0.01332	0.12737
7w11w_SITTF	0.05324207	0.31066844	5.89E-05	0.0067028	0.059084
7w11w_SITTF	0.08386292	0.49543744	6.37E-05	0.01841	0.1176
7w11w_SITTF	0.11101828	0.6592953	6.61E-05	0.025556	-0.28058
7w11w_SITTF	0.05607013	0.32773322	5.97E-05	0.0073934	0.067199
7w11w_SITTF	0.04300633	0.24890503	5.29E-05	0.0048617	0.0036923
7w11w_SITTF	0.02346626	0.13099842	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.0141048	0.0745105	3.25E-05	0.0056405	0.20898
7w11w_SITTF	0.01930584	0.1058941	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.08814026	0.52124727	6.42E-05	0.020421	0.080939
7w11w_SITTF	0.09878512	0.5854793	6.52E-05	0.024275	-0.094455
7w11w_SITTF	0.08507805	0.5027696	6.38E-05	0.018923	0.10916
7w11w_SITTF	0.14744575	0.87910205	6.76E-05	0.023673	-0.51834
7w11w_SITTF	0.03508358	0.20109843	4.54E-05	0.0042028	-0.078293
7w11w_SITTF	0.05642059	0.32984793	5.98E-05	0.0075425	0.068678
7w11w_SITTF	0.0799858	0.4720425	6.32E-05	0.016594	0.13446
7w11w_SITTF	0.03218901	0.1836323	4.27E-05	0.004099	-0.097962
7w11w_SITTF	0.11995694	0.71323204	6.65E-05	0.024632	-0.36766
7w11w_SITTF	0.03212351	0.1832371	4.27E-05	0.004099	-0.097962
7w11w_SITTF	0.12503262	0.7438591	6.68E-05	0.024034	-0.40548
7w11w_SITTF	0.12267635	0.7296412	6.67E-05	0.024282	-0.38934
7w11w_SITTF	0.10145979	0.6016185	6.54E-05	0.024923	-0.13341
7w11w_SITTF	0.00950829	0.04677476	3.20E-05	0.0068348	0.4058
7w11w_SITTF	0.06290906	0.36899993	6.08E-05	0.0094206	0.087254
7w11w_SITTF	0.01287072	0.06706394	3.23E-05	0.0059016	0.25518

7w11w_SITTF	0.10968348	0.651241	6.60E-05	0.025599	-0.2602
7w11w_SITTF	0.12263107	0.729368	6.67E-05	0.024282	-0.38934
7w11w_SITTF	0.00511448	0.02026211	3.18E-05	0.0084677	0.62647
7w11w_SITTF	0.08805105	0.520709	6.42E-05	0.020421	0.080939
7w11w_SITTF	0.02184144	0.12119412	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.01320475	0.06907953	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.06423772	0.3770172	6.10E-05	0.010005	0.091185
7w11w_SITTF	0.02421046	0.13548905	3.64E-05	0.0042065	-0.080664
7w11w_SITTF	0.1359307	0.8096192	6.72E-05	0.023527	-0.47464
7w11w_SITTF	0.09974918	0.59129655	6.53E-05	0.024558	-0.10426
7w11w_SITTF	0.10033786	0.5948487	6.53E-05	0.024687	-0.11403
7w11w_SITTF	0.04634002	0.2690208	5.54E-05	0.0053171	0.028707
7w11w_SITTF	0.08453533	0.49949482	6.37E-05	0.018667	0.1136
7w11w_SITTF	0.0887689	0.5250405	6.42E-05	0.020663	0.067165
7w11w_SITTF	0.097096	0.575287	6.51E-05	0.023799	-0.065044
7w11w_SITTF	0.087663	0.5183674	6.41E-05	0.020177	0.080939
7w11w_SITTF	0.08043735	0.4747672	6.32E-05	0.016854	0.13446
7w11w_SITTF	0.13045792	0.77659595	6.70E-05	0.02364	-0.44263
7w11w_SITTF	0.02993261	0.17001697	4.07E-05	0.0040668	-0.10597
7w11w_SITTF	0.05588255	0.3266013	5.97E-05	0.0073934	0.067199
7w11w_SITTF	0.09365033	0.5544956	6.48E-05	0.022676	0.0013661
7w11w_SITTF	0.08590992	0.5077892	6.39E-05	0.01943	0.1043
7w11w_SITTF	0.11105299	0.6595048	6.61E-05	0.025556	-0.28058
7w11w_SITTF	0.1202155	0.7147922	6.66E-05	0.024561	-0.36766
7w11w_SITTF	0.14551537	0.86745393	6.75E-05	0.023641	-0.51294
7w11w_SITTF	0.06802192	0.39985138	6.16E-05	0.011474	0.10734
7w11w_SITTF	0.01284192	0.06689018	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.02952848	0.16757844	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.0790901	0.46663776	6.31E-05	0.016335	0.13613
7w11w_SITTF	0.07083434	0.41682178	6.20E-05	0.012608	0.11916
7w11w_SITTF	0.13883115	0.8271208	6.73E-05	0.023538	-0.48824
7w11w_SITTF	0.01933396	0.10606378	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.08786925	0.51961195	6.41E-05	0.020177	0.080939
7w11w_SITTF	0.06955323	0.40909147	6.17E-05	0.01192	0.11455
7w11w_SITTF	0.10500398	0.62300444	6.57E-05	0.025429	-0.19772
7w11w_SITTF	0.0428961	0.2482399	5.29E-05	0.0048617	-0.0013165
7w11w_SITTF	0.09014957	0.5333716	6.44E-05	0.021137	0.05218
7w11w_SITTF	0.0217364	0.1205603	3.49E-05	0.0044169	-0.0356
7w11w_SITTF	0.01744506	0.09466595	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.01817056	0.09904366	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.01428716	0.0756109	3.26E-05	0.0055188	0.18676
7w11w_SITTF	0.04698046	0.2728853	5.61E-05	0.0054936	0.032113
7w11w_SITTF	0.11321074	0.6725248	6.62E-05	0.025403	-0.30551

7w11w_SITTF	0.10632922	0.6310011	6.58E-05	0.02556	-0.21453
7w11w_SITTF	0.04977987	0.28977716	5.76E-05	0.005992	0.046466
7w11w_SITTF	0.00625919	0.02716938	3.18E-05	0.008015	0.56984
7w11w_SITTF	0.00907154	0.04413935	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.01751781	0.09510496	3.33E-05	0.0049935	0.067421
7w11w_SITTF	0.09439979	0.55901784	6.48E-05	0.022877	-0.017059
7w11w_SITTF	0.02569728	0.14446065	3.72E-05	0.0041509	-0.092011
7w11w_SITTF	0.01546498	0.08271796	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.07410248	0.43654206	6.24E-05	0.014051	0.13074
7w11w_SITTF	0.12837803	0.76404566	6.69E-05	0.023757	-0.4283
7w11w_SITTF	0.0155098	0.0829884	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.01449352	0.07685611	3.26E-05	0.0055188	0.18676
7w11w_SITTF	0.01127627	0.05744292	3.21E-05	0.006339	0.32844
7w11w_SITTF	0.0360405	0.20687258	4.65E-05	0.0042637	-0.068307
7w11w_SITTF	0.0133501	0.0699566	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.01382214	0.07280491	3.25E-05	0.0056405	0.20898
7w11w_SITTF	0.01862514	0.10178663	3.36E-05	0.0048202	0.03364
7w11w_SITTF	0.08838517	0.52272505	6.42E-05	0.020421	0.074212
7w11w_SITTF	0.08647388	0.51119214	6.40E-05	0.019681	0.099025
7w11w_SITTF	0.11428749	0.679022	6.63E-05	0.025299	-0.3171
7w11w_SITTF	0.00791755	0.03717606	3.19E-05	0.0073923	0.48652
7w11w_SITTF	0.07843871	0.46270722	6.29E-05	0.015819	0.13651
7w11w_SITTF	0.05840851	0.3418432	6.01E-05	0.0080116	0.074438
7w11w_SITTF	0.09371279	0.55487245	6.48E-05	0.022676	0.0013661
7w11w_SITTF	0.04437752	0.2571789	5.42E-05	0.0050757	0.012967
7w11w_SITTF	0.01635329	0.08807812	3.30E-05	0.0051875	0.12392
7w11w_SITTF	0.03027492	0.17208253	4.07E-05	0.0040668	-0.10475
7w11w_SITTF	0.0495027	0.2881047	5.73E-05	0.0058857	0.04392
7w11w_SITTF	0.06528589	0.3833419	6.12E-05	0.01041	0.095509
7w11w_SITTF	0.06961316	0.40945306	6.17E-05	0.01192	0.11455
7w11w_SITTF	0.02647675	0.14916404	3.80E-05	0.0041099	-0.099939
7w11w_SITTF	0.07788792	0.45938373	6.29E-05	0.015562	0.13662
7w11w_SITTF	0.12749095	0.758693	6.69E-05	0.023794	-0.4246
7w11w_SITTF	0.0988796	0.58604944	6.52E-05	0.024275	-0.094455
7w11w_SITTF	0.00913742	0.04453689	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.06346584	0.3723596	6.09E-05	0.0096122	0.089169
7w11w_SITTF	0.11293796	0.6708788	6.62E-05	0.025403	-0.29951
7w11w_SITTF	0.04827381	0.28068948	5.67E-05	0.0056831	0.038361
7w11w_SITTF	0.03594919	0.20632161	4.65E-05	0.0042637	-0.068307
7w11w_SITTF	0.0953961	0.5650297	6.49E-05	0.023263	-0.035993
7w11w_SITTF	0.01894072	0.10369094	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.10042293	0.595362	6.53E-05	0.024687	-0.12375
7w11w_SITTF	0.01138922	0.05812447	3.21E-05	0.006339	0.32844

7w11w_SITTF	0.05403335	0.31544307	5.91E-05	0.0068337	0.062513
7w11w_SITTF	0.02078225	0.11480288	3.44E-05	0.0045325	-0.01065
7w11w_SITTF	0.07977426	0.47076607	6.32E-05	0.016594	0.13545
7w11w_SITTF	0.01522513	0.08127067	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.074936	0.4415716	6.25E-05	0.014299	0.13218
7w11w_SITTF	0.09448071	0.5595061	6.48E-05	0.022877	-0.017059
7w11w_SITTF	0.03939997	0.22714391	4.98E-05	0.0045122	-0.034672
7w11w_SITTF	0.01695241	0.09169328	3.31E-05	0.0050879	0.085504
7w11w_SITTF	0.04604679	0.26725146	5.54E-05	0.0053171	0.025099
7w11w_SITTF	0.0272821	0.1540236	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.00572245	0.02393067	3.18E-05	0.0082375	0.59807
7w11w_SITTF	0.0427873	0.24758337	5.29E-05	0.0048617	-0.0013165
7w11w_SITTF	0.07251179	0.42694366	6.22E-05	0.01332	0.12548
7w11w_SITTF	0.15194327	0.90624046	6.77E-05	0.023707	-0.52493
7w11w_SITTF	0.04804959	0.2793365	5.67E-05	0.0056831	0.038361
7w11w_SITTF	0.07237772	0.42613468	6.21E-05	0.01308	0.12548
7w11w_SITTF	0.05137245	0.29938698	5.83E-05	0.0063316	0.053285
7w11w_SITTF	0.13043553	0.77646077	6.70E-05	0.02364	-0.44263
7w11w_SITTF	0.10152224	0.60199535	6.54E-05	0.024923	-0.14299
7w11w_SITTF	0.02753362	0.15554126	3.88E-05	0.0040827	-0.10472
7w11w_SITTF	0.01272013	0.06615532	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.11445932	0.6800589	6.63E-05	0.025299	-0.3171
7w11w_SITTF	0.0071308	0.03242874	3.19E-05	0.0075925	0.51404
7w11w_SITTF	0.05112713	0.29790667	5.81E-05	0.006215	0.051138
7w11w_SITTF	0.06637818	0.38993287	6.13E-05	0.010826	0.10013
7w11w_SITTF	0.08750828	0.5174338	6.41E-05	0.020177	0.087329
7w11w_SITTF	0.03480375	0.19940992	4.54E-05	0.0042028	-0.078293
7w11w_SITTF	0.02538189	0.14255755	3.72E-05	0.0041509	-0.092011
7w11w_SITTF	0.02063431	0.11391016	3.44E-05	0.0045325	-0.01065
7w11w_SITTF	0.00903731	0.04393282	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.08025312	0.47365558	6.32E-05	0.016854	0.13446
7w11w_SITTF	0.09378373	0.5553005	6.48E-05	0.022676	-0.0077738
7w11w_SITTF	0.02406207	0.13459362	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.1213239	0.72148037	6.66E-05	0.024419	-0.37656
7w11w_SITTF	0.08729512	0.51614755	6.41E-05	0.01993	0.087329
7w11w_SITTF	0.07791197	0.4595288	6.29E-05	0.015562	0.13662
7w11w_SITTF	0.02624894	0.14778936	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.11540436	0.68576133	6.63E-05	0.025182	-0.32814
7w11w_SITTF	0.07920598	0.46733704	6.31E-05	0.016335	0.13613
7w11w_SITTF	0.12755992	0.7591091	6.69E-05	0.023794	-0.4246
7w11w_SITTF	0.00743879	0.03428718	3.19E-05	0.0075925	0.51404
7w11w_SITTF	0.12165701	0.72349036	6.66E-05	0.024419	-0.38089
7w11w_SITTF	0.03831545	0.22059985	4.87E-05	0.0044183	-0.04622

7w11w_SITTF	0.01516384	0.08090086	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.02593098	0.14587077	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.03950446	0.2277744	4.98E-05	0.0045122	-0.034672
7w11w_SITTF	0.13126124	0.78144324	6.70E-05	0.023599	-0.44608
7w11w_SITTF	0.12549448	0.74664605	6.68E-05	0.023978	-0.40938
7w11w_SITTF	0.00785131	0.0367764	3.19E-05	0.0073923	0.48652
7w11w_SITTF	0.10157006	0.6022839	6.54E-05	0.024923	-0.14299
7w11w_SITTF	0.02315898	0.12914428	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.05945654	0.3481671	6.03E-05	0.0083426	0.075889
7w11w_SITTF	0.11511688	0.68402666	6.63E-05	0.025182	-0.32268
7w11w_SITTF	0.08974868	0.53095263	6.44E-05	0.021137	0.059815
7w11w_SITTF	0.08889169	0.5257814	6.42E-05	0.020663	0.067165
7w11w_SITTF	0.01233368	0.06382342	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.05839426	0.3417572	6.01E-05	0.0080116	0.074438
7w11w_SITTF	0.12164468	0.723416	6.66E-05	0.024419	-0.38089
7w11w_SITTF	0.07476111	0.44051626	6.25E-05	0.014299	0.13218
7w11w_SITTF	0.01355073	0.07116724	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.04483316	0.25992826	5.46E-05	0.0051531	0.017239
7w11w_SITTF	0.02625124	0.14780328	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.05354558	0.31249985	5.89E-05	0.0067028	0.060836
7w11w_SITTF	0.13299225	0.7918883	6.71E-05	0.023556	-0.45937
7w11w_SITTF	0.0555175	0.32439858	5.95E-05	0.007248	0.065685
7w11w_SITTF	0.04549884	0.26394504	5.50E-05	0.0052335	0.021279
7w11w_SITTF	0.05497574	0.32112956	5.94E-05	0.0071062	0.064127
7w11w_SITTF	0.07879429	0.46485287	6.30E-05	0.016077	0.13651
7w11w_SITTF	0.08744814	0.5170709	6.41E-05	0.020177	0.087329
7w11w_SITTF	0.10202616	0.605036	6.55E-05	0.025029	-0.15246
7w11w_SITTF	0.01347684	0.07072134	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.04476592	0.25952256	5.46E-05	0.0051531	0.017239
7w11w_SITTF	0.11511269	0.6840014	6.63E-05	0.025182	-0.32268
7w11w_SITTF	0.0238904	0.13355775	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.01793022	0.09759344	3.34E-05	0.0049043	0.067421
7w11w_SITTF	0.02363907	0.1320412	3.58E-05	0.0042778	-0.073623
7w11w_SITTF	0.05449965	0.31825674	5.92E-05	0.0069681	0.062513
7w11w_SITTF	0.02666502	0.15030006	3.80E-05	0.0041099	-0.099939
7w11w_SITTF	0.0392862	0.22645739	4.98E-05	0.0045122	-0.034672
7w11w_SITTF	0.04537099	0.26317358	5.50E-05	0.0052335	0.021279
7w11w_SITTF	0.01615879	0.08690447	3.30E-05	0.0051875	0.12392
7w11w_SITTF	0.02139745	0.11851504	3.47E-05	0.0044724	-0.0356
7w11w_SITTF	0.04527092	0.2625698	5.50E-05	0.0052335	0.021279
7w11w_SITTF	0.07660978	0.45167127	6.27E-05	0.015053	0.13605
7w11w_SITTF	0.01886236	0.1032181	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.0120974	0.06239767	3.23E-05	0.0060411	0.2791

7w11w_SITTF	0.0213878	0.11845682	3.47E-05	0.0044724	-0.0356
7w11w_SITTF	0.02464007	0.13808131	3.64E-05	0.0042065	-0.080664
7w11w_SITTF	0.07142049	0.42035866	6.20E-05	0.012843	0.12136
7w11w_SITTF	0.02511463	0.14094484	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.07272329	0.42821988	6.22E-05	0.01332	0.12548
7w11w_SITTF	0.0188447	0.10311153	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.02129462	0.11789454	3.47E-05	0.0044724	-0.023601
7w11w_SITTF	0.01063941	0.05360003	3.21E-05	0.0064976	0.35381
7w11w_SITTF	0.00880462	0.04252876	3.19E-05	0.0070136	0.43237
7w11w_SITTF	0.03452773	0.1977444	4.48E-05	0.0041765	-0.082901
7w11w_SITTF	0.04603076	0.2671547	5.54E-05	0.0053171	0.025099
7w11w_SITTF	0.0156061	0.08356953	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.09949689	0.58977425	6.53E-05	0.02442	-0.10426
7w11w_SITTF	0.03150248	0.17948975	4.22E-05	0.0040866	-0.10071
7w11w_SITTF	0.11223135	0.6666151	6.61E-05	0.025489	-0.29336
7w11w_SITTF	0.02829478	0.16013415	3.93E-05	0.004074	-0.10603
7w11w_SITTF	0.05772473	0.3377172	6.00E-05	0.0078516	0.071569
7w11w_SITTF	0.0314269	0.1790337	4.22E-05	0.0040866	-0.10071
7w11w_SITTF	0.03035258	0.17255114	4.11E-05	0.0040705	-0.10475
7w11w_SITTF	0.04799353	0.27899826	5.64E-05	0.0055867	0.038361
7w11w_SITTF	0.02852631	0.16153127	3.93E-05	0.004074	-0.10603
7w11w_SITTF	0.07424158	0.43738136	6.24E-05	0.014051	0.13074
7w11w_SITTF	0.0237211	0.13253619	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.03987786	0.23002756	5.03E-05	0.0045634	-0.028892
7w11w_SITTF	0.04226178	0.24441236	5.24E-05	0.0047963	-0.00654
7w11w_SITTF	0.05651101	0.33039352	5.98E-05	0.0075425	0.068678
7w11w_SITTF	0.03051939	0.17355767	4.11E-05	0.0040705	-0.10475
7w11w_SITTF	0.04378462	0.2536013	5.38E-05	0.0050014	0.008455
7w11w_SITTF	0.03746374	0.21546052	4.76E-05	0.0043355	-0.05192
7w11w_SITTF	0.02892273	0.16392328	3.97E-05	0.0040686	-0.10664
7w11w_SITTF	0.01887716	0.10330736	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.12172985	0.72392994	6.66E-05	0.024419	-0.38089
7w11w_SITTF	0.01908559	0.10456505	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.03330301	0.19035429	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.0804551	0.4748743	6.32E-05	0.016854	0.13446
7w11w_SITTF	0.01259784	0.06541741	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.10380437	0.6157659	6.56E-05	0.025296	-0.18011
7w11w_SITTF	0.08298547	0.4901428	6.36E-05	0.018151	0.12434
7w11w_SITTF	0.03082548	0.17540461	4.11E-05	0.0040705	-0.10299
7w11w_SITTF	0.11982098	0.71241164	6.65E-05	0.024632	-0.36766
7w11w_SITTF	0.00809462	0.03824455	3.19E-05	0.0073923	0.48652
7w11w_SITTF	0.01782798	0.0969765	3.34E-05	0.0049043	0.067421
7w11w_SITTF	0.00937761	0.04598621	3.20E-05	0.0068348	0.4058

7w11w_SITTF	0.02508768	0.14078227	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.07530289	0.44378543	6.26E-05	0.014549	0.13345
7w11w_SITTF	0.01577512	0.08458936	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.05640692	0.3297654	5.98E-05	0.0075425	0.068678
7w11w_SITTF	0.10648491	0.6319406	6.58E-05	0.02556	-0.22263
7w11w_SITTF	0.01990148	0.10948825	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.02449779	0.1372228	3.64E-05	0.0042065	-0.080664
7w11w_SITTF	0.03007592	0.17088173	4.07E-05	0.0040668	-0.10597
7w11w_SITTF	0.01776713	0.09660935	3.34E-05	0.0049043	0.067421
7w11w_SITTF	0.03446797	0.19738379	4.48E-05	0.0041765	-0.082901
7w11w_SITTF	0.02419412	0.13539043	3.61E-05	0.0042401	-0.080664
7w11w_SITTF	0.02414526	0.13509557	3.61E-05	0.0042401	-0.080664
7w11w_SITTF	0.1062977	0.6308109	6.58E-05	0.02556	-0.21453
7w11w_SITTF	0.02213052	0.12293845	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.06546597	0.38442853	6.12E-05	0.01041	0.095509
7w11w_SITTF	0.03063834	0.1742754	4.11E-05	0.0040705	-0.10475
7w11w_SITTF	0.0129311	0.06742831	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.03906852	0.22514391	4.92E-05	0.0044639	-0.034672
7w11w_SITTF	0.097036	0.57492495	6.51E-05	0.023799	-0.055297
7w11w_SITTF	0.0321365	0.18331549	4.27E-05	0.004099	-0.097962
7w11w_SITTF	0.02761003	0.15600233	3.88E-05	0.0040827	-0.10472
7w11w_SITTF	0.02303931	0.12842217	3.55E-05	0.0043197	-0.065623
7w11w_SITTF	0.02409921	0.13481772	3.61E-05	0.0042401	-0.073623
7w11w_SITTF	0.07514963	0.44286063	6.25E-05	0.014299	0.13345
7w11w_SITTF	0.11325054	0.67276496	6.62E-05	0.025403	-0.30551
7w11w_SITTF	0.0202203	0.111412	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.02073055	0.11449087	3.44E-05	0.0045325	-0.01065
7w11w_SITTF	0.08112066	0.47889033	6.33E-05	0.017113	0.13148
7w11w_SITTF	0.07194431	0.42351943	6.21E-05	0.01308	0.12348
7w11w_SITTF	0.09667023	0.57271785	6.50E-05	0.023626	-0.055297
7w11w_SITTF	0.0092924	0.04547203	3.20E-05	0.0068348	0.4058
7w11w_SITTF	0.03893162	0.22431786	4.92E-05	0.0044639	-0.040459
7w11w_SITTF	0.03437272	0.19680901	4.48E-05	0.0041765	-0.082901
7w11w_SITTF	0.04763369	0.27682695	5.64E-05	0.0055867	0.035328
7w11w_SITTF	0.06386221	0.3747513	6.10E-05	0.0098069	0.089169
7w11w_SITTF	0.07035848	0.41395038	6.19E-05	0.012376	0.11689
7w11w_SITTF	0.01519854	0.08111027	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.02716904	0.15334137	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.10495511	0.6227096	6.57E-05	0.025429	-0.19772
7w11w_SITTF	0.07988643	0.4714429	6.32E-05	0.016594	0.13545
7w11w_SITTF	0.02488125	0.13953663	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.03583268	0.20561856	4.59E-05	0.0042319	-0.068307
7w11w_SITTF	0.04703941	0.27324095	5.61E-05	0.0054936	0.032113

7w11w_SITTF	0.05747386	0.33620346	6.00E-05	0.0078516	0.071569
7w11w_SITTF	0.07261261	0.42755198	6.22E-05	0.01332	0.12548
7w11w_SITTF	0.03463393	0.1983852	4.48E-05	0.0041765	-0.078293
7w11w_SITTF	0.04706504	0.27339566	5.61E-05	0.0054936	0.032113
7w11w_SITTF	0.01952091	0.10719185	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.02623258	0.14769065	3.76E-05	0.0041286	-0.096385
7w11w_SITTF	0.08469854	0.5004796	6.38E-05	0.018923	0.1136
7w11w_SITTF	0.03397029	0.19438075	4.43E-05	0.004153	-0.087207
7w11w_SITTF	0.01684398	0.09103897	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.03684251	0.21171194	4.70E-05	0.0042982	-0.057524
7w11w_SITTF	0.09389734	0.555986	6.48E-05	0.022676	-0.0077738
7w11w_SITTF	0.01575287	0.08445516	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.02541675	0.14276783	3.72E-05	0.0041509	-0.092011
7w11w_SITTF	0.08166605	0.48218128	6.34E-05	0.017373	0.12948
7w11w_SITTF	0.04664891	0.2708847	5.57E-05	0.0054037	0.028707
7w11w_SITTF	0.01917582	0.10510951	3.38E-05	0.004741	0.017998
7w11w_SITTF	0.02205465	0.12248068	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.10849194	0.6440512	6.59E-05	0.025616	-0.24573
7w11w_SITTF	0.01215256	0.06273055	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.02310811	0.12883736	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.02237015	0.12438442	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.01018135	0.05083605	3.20E-05	0.0066628	0.37961
7w11w_SITTF	0.0564895	0.3302637	5.98E-05	0.0075425	0.068678
7w11w_SITTF	0.03848903	0.22164723	4.87E-05	0.0044183	-0.04622
7w11w_SITTF	0.02956761	0.16781458	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.0517151	0.30145454	5.83E-05	0.0063316	0.053285
7w11w_SITTF	0.0902551	0.53400844	6.44E-05	0.021369	0.05218
7w11w_SITTF	0.00490136	0.01897613	3.18E-05	0.0084677	0.62647
7w11w_SITTF	0.06706985	0.3941065	6.14E-05	0.011039	0.10251
7w11w_SITTF	0.03843207	0.2213035	4.87E-05	0.0044183	-0.04622
7w11w_SITTF	0.01231233	0.0636946	3.23E-05	0.0060411	0.2791
7w11w_SITTF	0.06868222	0.40383565	6.16E-05	0.011695	0.10977
7w11w_SITTF	0.03143887	0.17910592	4.22E-05	0.0040866	-0.10071
7w11w_SITTF	0.02676215	0.15088618	3.80E-05	0.0041099	-0.099939
7w11w_SITTF	0.02261003	0.12583186	3.55E-05	0.0043197	-0.056631
7w11w_SITTF	0.01669647	0.09014892	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.11273304	0.6696423	6.62E-05	0.025448	-0.29951
7w11w_SITTF	0.01662024	0.08968889	3.31E-05	0.0050879	0.10435
7w11w_SITTF	0.04365778	0.25283593	5.38E-05	0.0050014	0.008455
7w11w_SITTF	0.02556806	0.14368089	3.72E-05	0.0041509	-0.092011
7w11w_SITTF	0.05104179	0.2973917	5.81E-05	0.006215	0.051138
7w11w_SITTF	0.07358974	0.43344814	6.23E-05	0.013805	0.12913
7w11w_SITTF	0.01117223	0.05681513	3.21E-05	0.006339	0.32844

7w11w_SITTF	0.09392077	0.55612737	6.48E-05	0.022676	-0.0077738
7w11w_SITTF	0.01855072	0.10133764	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.01103348	0.05597787	3.21E-05	0.006339	0.32844
7w11w_SITTF	0.03208538	0.18300702	4.27E-05	0.004099	-0.097962
7w11w_SITTF	0.04355425	0.25221118	5.33E-05	0.0049301	0.008455
7w11w_SITTF	0.02508573	0.14077047	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.06078012	0.35615373	6.05E-05	0.008688	0.080421
7w11w_SITTF	0.01105752	0.05612294	3.21E-05	0.006339	0.32844
7w11w_SITTF	0.04951914	0.28820395	5.73E-05	0.0058857	0.04392
7w11w_SITTF	0.05150485	0.3001859	5.83E-05	0.0063316	0.053285
7w11w_SITTF	0.09017929	0.5335509	6.44E-05	0.021369	0.05218
7w11w_SITTF	0.0149939	0.0798754	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.02312168	0.12891923	3.58E-05	0.0042778	-0.065623
7w11w_SITTF	0.05165284	0.30107886	5.83E-05	0.0063316	0.053285
7w11w_SITTF	0.01366589	0.07186211	3.24E-05	0.0057681	0.20898
7w11w_SITTF	0.12022044	0.714822	6.66E-05	0.024561	-0.36766
7w11w_SITTF	0.01567359	0.08397675	3.28E-05	0.0052924	0.1442
7w11w_SITTF	0.02964827	0.16830122	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.07725307	0.455553	6.28E-05	0.015307	0.13646
7w11w_SITTF	0.0150972	0.08049877	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.00515423	0.02050196	3.18E-05	0.0084677	0.62647
7w11w_SITTF	0.04766413	0.2770106	5.64E-05	0.0055867	0.035328
7w11w_SITTF	0.0133242	0.0698003	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.08566995	0.50634116	6.39E-05	0.019177	0.1043
7w11w_SITTF	0.02133203	0.11812027	3.47E-05	0.0044724	-0.023601
7w11w_SITTF	0.04208577	0.24335028	5.24E-05	0.0047963	-0.00654
7w11w_SITTF	0.01606016	0.08630932	3.30E-05	0.0051875	0.12392
7w11w_SITTF	0.03989239	0.23011522	5.03E-05	0.0045634	-0.028892
7w11w_SITTF	0.05091177	0.2966072	5.81E-05	0.006215	0.051138
7w11w_SITTF	0.0870221	0.51450014	6.41E-05	0.01993	0.093363
7w11w_SITTF	0.07468812	0.44007584	6.25E-05	0.014299	0.13218
7w11w_SITTF	0.01904425	0.1043156	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.02975668	0.16895537	4.07E-05	0.0040668	-0.10597
7w11w_SITTF	0.02506597	0.14065124	3.68E-05	0.0041768	-0.086782
7w11w_SITTF	0.03292458	0.1880708	4.32E-05	0.0041142	-0.094772
7w11w_SITTF	0.01869807	0.1022267	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.08525776	0.503854	6.39E-05	0.019177	0.10916
7w11w_SITTF	0.01970989	0.10833213	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.01950272	0.10708206	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.02199811	0.12213949	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.01007367	0.05018633	3.20E-05	0.0066628	0.37961
7w11w_SITTF	0.03278376	0.18722111	4.32E-05	0.0041142	-0.094772
7w11w_SITTF	0.03871291	0.22299814	4.92E-05	0.0044639	-0.040459

7w11w_SITTF	0.04761593	0.27671978	5.64E-05	0.0055867	0.035328
7w11w_SITTF	0.03250613	0.18554586	4.27E-05	0.004099	-0.094772
7w11w_SITTF	0.02784325	0.15740961	3.88E-05	0.0040827	-0.10472
7w11w_SITTF	0.00973662	0.04815253	3.20E-05	0.0068348	0.4058
7w11w_SITTF	0.01293687	0.06746314	3.23E-05	0.0059016	0.25518
7w11w_SITTF	0.02084019	0.11515252	3.44E-05	0.0045325	-0.023601
7w11w_SITTF	0.05779043	0.33811364	6.00E-05	0.0078516	0.071569
7w11w_SITTF	0.05405609	0.3155803	5.91E-05	0.0068337	0.062513
7w11w_SITTF	0.0562356	0.32873166	5.97E-05	0.0073934	0.068678
7w11w_SITTF	0.022217	0.12346026	3.52E-05	0.0043661	-0.046619
7w11w_SITTF	0.01712432	0.09273058	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.02738297	0.15463223	3.84E-05	0.0040947	-0.10271
7w11w_SITTF	0.01911873	0.10476502	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.03346568	0.19133584	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.06163412	0.3613068	6.07E-05	0.0090475	0.082025
7w11w_SITTF	0.0343383	0.19660133	4.48E-05	0.0041765	-0.082901
7w11w_SITTF	0.09935183	0.5888989	6.53E-05	0.02442	-0.10426
7w11w_SITTF	0.05885079	0.34451193	6.02E-05	0.0081753	0.074438
7w11w_SITTF	0.01324877	0.06934515	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.03297667	0.1883851	4.32E-05	0.0041142	-0.091175
7w11w_SITTF	0.04581361	0.2658444	5.50E-05	0.0052335	0.025099
7w11w_SITTF	0.01898649	0.10396712	3.38E-05	0.004741	0.03364
7w11w_SITTF	0.01816758	0.09902573	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.05666916	0.3313478	5.98E-05	0.0075425	0.068678
7w11w_SITTF	0.03596727	0.20643067	4.65E-05	0.0042637	-0.068307
7w11w_SITTF	0.06841978	0.40225208	6.16E-05	0.011474	0.10977
7w11w_SITTF	0.01344506	0.0705296	3.24E-05	0.0057681	0.23179
7w11w_SITTF	0.02467543	0.13829468	3.64E-05	0.0042065	-0.080664
7w11w_SITTF	0.02861569	0.16207059	3.93E-05	0.004074	-0.10664
7w11w_SITTF	0.07429829	0.43772358	6.24E-05	0.014051	0.13074
7w11w_SITTF	0.01734394	0.09405578	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.04330494	0.25070688	5.33E-05	0.0049301	0.0036923
7w11w_SITTF	0.01498753	0.07983698	3.27E-05	0.0054028	0.16515
7w11w_SITTF	0.00713245	0.03243869	3.19E-05	0.0075925	0.51404
7w11w_SITTF	0.04032147	0.23270431	5.09E-05	0.0046173	-0.023154
7w11w_SITTF	0.01969804	0.10826067	3.40E-05	0.0046667	0.017998
7w11w_SITTF	0.02829416	0.16013043	3.93E-05	0.004074	-0.10603
7w11w_SITTF	0.07544951	0.44467014	6.26E-05	0.014549	0.13345
7w11w_SITTF	0.03368342	0.19264975	4.43E-05	0.004153	-0.087207
7w11w_SITTF	0.03319358	0.18969399	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.01815879	0.09897265	3.36E-05	0.0048202	0.050123
7w11w_SITTF	0.07830212	0.46188307	6.29E-05	0.015819	0.13651
7w11w_SITTF	0.01897566	0.10390174	3.38E-05	0.004741	0.03364

7w11w_SITTF	0.06630909	0.38951597	6.13E-05	0.010616	0.10013
7w11w_SITTF	0.03031979	0.17235325	4.11E-05	0.0040705	-0.10475
7w11w_SITTF	0.06036729	0.35366264	6.05E-05	0.008688	0.07887
7w11w_SITTF	0.02358909	0.13173963	3.58E-05	0.0042778	-0.073623
7w11w_SITTF	0.05503115	0.3214639	5.94E-05	0.0071062	0.064127
7w11w_SITTF	0.01734204	0.09404435	3.33E-05	0.0049935	0.085504
7w11w_SITTF	0.0153304	0.08190589	3.27E-05	0.0054028	0.1442
7w11w_SITTF	0.01123351	0.0571849	3.21E-05	0.006339	0.32844
7w11w_SITTF	0.06844746	0.40241915	6.16E-05	0.011474	0.10977
7w11w_SITTF	0.03306782	0.18893516	4.32E-05	0.0041142	-0.091175
7w11w_SITTF	0.04538595	0.26326385	5.50E-05	0.0052335	0.021279
7w11w_SITTF	0.04952817	0.2882584	5.73E-05	0.0058857	0.04392
7w11w_SITTF	0.02014446	0.1109544	3.42E-05	0.0045972	0.0032259
7w11w_SITTF	0.05002574	0.29126075	5.76E-05	0.005992	0.046466
7w11w_SITTF	0.03148418	0.17937933	4.22E-05	0.0040866	-0.10071
7w11w_SITTF	0.0334707	0.19136614	4.37E-05	0.0041322	-0.091175
7w11w_SITTF	0.02925137	0.16590634	4.02E-05	0.0040662	-0.10661
7w11w_SITTF	0.0111217	0.05651021	3.21E-05	0.006339	0.32844
7w11w_SITTF	0.0783925	0.4624284	6.29E-05	0.015819	0.13651
16w_SITTD12	0.0257922	0.14503337	3.72E-05	0.0041509	-0.096385
16w_SITTD12	0.03126905	0.1780812	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.01818199	0.09911265	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02025085	0.11159633	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.03453918	0.19781345	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.13633762	0.8120746	6.72E-05	0.023527	-0.4775
16w_SITTD12	0.08025571	0.47367117	6.32E-05	0.016854	0.13446
16w_SITTD12	0.11404108	0.6775352	6.63E-05	0.025299	-0.31137
16w_SITTD12	0.04729573	0.2747877	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.0567074	0.33157855	5.98E-05	0.0075425	0.068678
16w_SITTD12	0.02268737	0.12629852	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.10205342	0.6052005	6.55E-05	0.025029	-0.15246
16w_SITTD12	0.02134748	0.11821351	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.07947869	0.46898258	6.31E-05	0.016335	0.13545
16w_SITTD12	0.07459698	0.43952587	6.24E-05	0.014051	0.13218
16w_SITTD12	0.05668786	0.33146065	5.98E-05	0.0075425	0.068678
16w_SITTD12	0.04314871	0.24976416	5.33E-05	0.0049301	0.0036923
16w_SITTD12	0.02274901	0.12667046	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.05805323	0.3396994	6.01E-05	0.0080116	0.073002
16w_SITTD12	0.01569888	0.08412936	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.10978459	0.6518511	6.60E-05	0.025599	-0.26716
16w_SITTD12	0.05307521	0.30966154	5.89E-05	0.0067028	0.059084
16w_SITTD12	0.03196834	0.18230076	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.11504438	0.68358916	6.63E-05	0.025242	-0.32268

16w_SITTD12	0.00830291	0.03950138	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.02128136	0.11781456	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.03523381	0.20200491	4.54E-05	0.0042028	-0.073417
16w_SITTD12	0.02230688	0.12400264	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.13138515	0.78219086	6.70E-05	0.023599	-0.44949
16w_SITTD12	0.07551614	0.44507214	6.26E-05	0.014549	0.13453
16w_SITTD12	0.03735916	0.21482946	4.76E-05	0.0043355	-0.057524
16w_SITTD12	0.03346058	0.19130509	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.02717242	0.15336174	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.02852844	0.16154411	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.07223599	0.42527944	6.21E-05	0.01308	0.12548
16w_SITTD12	0.01903876	0.10428251	3.38E-05	0.004741	0.03364
16w_SITTD12	0.03165866	0.18043213	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.05064976	0.29502618	5.78E-05	0.0061018	0.051138
16w_SITTD12	0.08223325	0.48560384	6.35E-05	0.017633	0.1271
16w_SITTD12	0.08334776	0.4923289	6.36E-05	0.018151	0.12117
16w_SITTD12	0.00619147	0.02676076	3.18E-05	0.008015	0.56984
16w_SITTD12	0.07413106	0.43671447	6.24E-05	0.014051	0.13074
16w_SITTD12	0.01707798	0.09245097	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.04891305	0.2845467	5.70E-05	0.0057827	0.041222
16w_SITTD12	0.02618613	0.14741035	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.11487487	0.68256634	6.63E-05	0.025242	-0.32268
16w_SITTD12	0.02142691	0.11869282	3.47E-05	0.0044724	-0.0356
16w_SITTD12	0.05029887	0.2929089	5.78E-05	0.0061018	0.048868
16w_SITTD12	0.01907187	0.10448228	3.38E-05	0.004741	0.03364
16w_SITTD12	0.00551891	0.02270244	3.18E-05	0.0082375	0.59807
16w_SITTD12	0.09983128	0.591792	6.53E-05	0.024558	-0.11403
16w_SITTD12	0.02315027	0.12909171	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.02624063	0.14773922	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.01528624	0.08163945	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.07387503	0.43516958	6.23E-05	0.013805	0.13074
16w_SITTD12	0.07769497	0.45821944	6.29E-05	0.015562	0.13646
16w_SITTD12	0.01938021	0.10634285	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.0783799	0.46235237	6.29E-05	0.015819	0.13651
16w_SITTD12	0.11141432	0.66168505	6.61E-05	0.025525	-0.28705
16w_SITTD12	0.10099068	0.59878784	6.54E-05	0.024809	-0.13341
16w_SITTD12	0.06886224	0.40492198	6.16E-05	0.011695	0.10977
16w_SITTD12	0.02490899	0.139704	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.09624827	0.5701717	6.50E-05	0.023448	-0.045608
16w_SITTD12	0.02134314	0.11818732	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01590571	0.08537737	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.0194549	0.10679355	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.04203425	0.24303943	5.24E-05	0.0047963	-0.00654

16w_SITTD12	0.01552332	0.08306997	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.08618639	0.5094574	6.39E-05	0.01943	0.099025
16w_SITTD12	0.01716562	0.09297978	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.06378847	0.37430635	6.10E-05	0.0098069	0.089169
16w_SITTD12	0.0153064	0.08176111	3.27E-05	0.0054028	0.1442
16w_SITTD12	0.11642553	0.69192314	6.64E-05	0.025054	-0.33868
16w_SITTD12	0.01277649	0.06649538	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.03608337	0.20713127	4.65E-05	0.0042637	-0.068307
16w_SITTD12	0.03865497	0.2226485	4.92E-05	0.0044639	-0.040459
16w_SITTD12	0.074742	0.440401	6.25E-05	0.014299	0.13218
16w_SITTD12	0.02745357	0.15505822	3.84E-05	0.0040947	-0.10472
16w_SITTD12	0.09102694	0.5386658	6.45E-05	0.021597	0.036126
16w_SITTD12	0.07128098	0.41951683	6.20E-05	0.012608	0.12136
16w_SITTD12	0.02218476	0.12326574	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.03449803	0.19756517	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.01825319	0.09954226	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.06350729	0.3726097	6.09E-05	0.0096122	0.089169
16w_SITTD12	0.08129144	0.47992086	6.33E-05	0.017113	0.13148
16w_SITTD12	0.0536245	0.312976	5.91E-05	0.0068337	0.060836
16w_SITTD12	0.09447804	0.55949	6.48E-05	0.022877	-0.017059
16w_SITTD12	0.07467802	0.44001487	6.25E-05	0.014299	0.13218
16w_SITTD12	0.06174458	0.36197335	6.07E-05	0.0090475	0.083692
16w_SITTD12	0.08606014	0.50869566	6.39E-05	0.01943	0.099025
16w_SITTD12	0.07016325	0.41277236	6.18E-05	0.012147	0.11689
16w_SITTD12	0.10238793	0.607219	6.55E-05	0.025127	-0.15246
16w_SITTD12	0.04992821	0.2906723	5.76E-05	0.005992	0.046466
16w_SITTD12	0.04671982	0.27131256	5.57E-05	0.0054037	0.028707
16w_SITTD12	0.03273305	0.18691508	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.01478666	0.07862493	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.05818314	0.3404833	6.01E-05	0.0080116	0.073002
16w_SITTD12	0.01337145	0.07008544	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.02919476	0.16556473	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.00895418	0.04343119	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.02309658	0.12876776	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.01048411	0.05266295	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.03319708	0.1897151	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.01902035	0.10417143	3.38E-05	0.004741	0.03364
16w_SITTD12	0.00967328	0.04777033	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.0237402	0.13265139	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.00771578	0.03595861	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.02717234	0.15336126	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.08552644	0.5054752	6.39E-05	0.019177	0.1043
16w_SITTD12	0.02118096	0.11720869	3.47E-05	0.0044724	-0.023601

16w_SITTD12	0.08033485	0.47414872	6.32E-05	0.016854	0.13446
16w_SITTD12	0.07647243	0.45084253	6.27E-05	0.015053	0.1354
16w_SITTD12	0.02122529	0.11747623	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01911864	0.10476452	3.38E-05	0.004741	0.03364
16w_SITTD12	0.03128474	0.17817588	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.08160114	0.48178962	6.34E-05	0.017373	0.12948
16w_SITTD12	0.08432852	0.49824688	6.37E-05	0.018667	0.1176
16w_SITTD12	0.0324594	0.1852639	4.27E-05	0.004099	-0.094772
16w_SITTD12	0.07551862	0.44508713	6.26E-05	0.014549	0.13453
16w_SITTD12	0.03961607	0.22844791	4.98E-05	0.0045122	-0.028892
16w_SITTD12	0.08826959	0.5220277	6.42E-05	0.020421	0.074212
16w_SITTD12	0.05851391	0.34247917	6.01E-05	0.0080116	0.074438
16w_SITTD12	0.10431641	0.61885566	6.56E-05	0.025367	-0.18901
16w_SITTD12	0.02341967	0.13071729	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.09076032	0.5370569	6.45E-05	0.021597	0.044278
16w_SITTD12	0.0904186	0.53499496	6.44E-05	0.021369	0.05218
16w_SITTD12	0.01247851	0.06469732	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.03229164	0.18425159	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.03219391	0.1836619	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.0295652	0.1678	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.09476793	0.56123924	6.49E-05	0.023073	-0.017059
16w_SITTD12	0.08044636	0.4748216	6.32E-05	0.016854	0.13446
16w_SITTD12	0.00760848	0.0353111	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.02644351	0.14896345	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01961691	0.10777108	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.09539409	0.5650175	6.49E-05	0.023263	-0.035993
16w_SITTD12	0.03541555	0.20310153	4.59E-05	0.0042319	-0.073417
16w_SITTD12	0.08579221	0.5070789	6.39E-05	0.01943	0.1043
16w_SITTD12	0.01656346	0.08934631	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.01456904	0.07731179	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.01873907	0.10247415	3.38E-05	0.004741	0.03364
16w_SITTD12	0.08945966	0.5292086	6.43E-05	0.020902	0.059815
16w_SITTD12	0.01741151	0.09446354	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.02079811	0.11489855	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.02069289	0.11426368	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.09728286	0.5764145	6.51E-05	0.023799	-0.065044
16w_SITTD12	0.02365124	0.13211462	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.0949562	0.56237525	6.49E-05	0.023073	-0.026471
16w_SITTD12	0.01125528	0.05731624	3.21E-05	0.006339	0.32844
16w_SITTD12	0.01698141	0.09186825	3.31E-05	0.0050879	0.085504
16w_SITTD12	0.09800306	0.5807603	6.52E-05	0.024123	-0.074831
16w_SITTD12	0.01587236	0.08517616	3.28E-05	0.0052924	0.12392
16w_SITTD12	0.10134105	0.6009021	6.54E-05	0.024923	-0.13341

16w_SITTD12	0.14625645	0.87192565	6.76E-05	0.023659	-0.51583
16w_SITTD12	0.02291559	0.12767565	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.08046856	0.47495553	6.32E-05	0.016854	0.13446
16w_SITTD12	0.07546089	0.4447388	6.26E-05	0.014549	0.13345
16w_SITTD12	0.06449948	0.37859663	6.10E-05	0.010005	0.093303
16w_SITTD12	0.09418353	0.5577129	6.48E-05	0.022877	-0.0077738
16w_SITTD12	0.02361146	0.13187462	3.58E-05	0.0042778	-0.073623
16w_SITTD12	0.0801873	0.47325838	6.32E-05	0.016854	0.13446
16w_SITTD12	0.11772414	0.69975907	6.64E-05	0.024917	-0.34876
16w_SITTD12	0.01498992	0.07985144	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.05576482	0.32589096	5.95E-05	0.007248	0.067199
16w_SITTD12	0.05327783	0.31088418	5.89E-05	0.0067028	0.059084
16w_SITTD12	0.07851588	0.46317288	6.29E-05	0.015819	0.13651
16w_SITTD12	0.02137091	0.1183549	3.47E-05	0.0044724	-0.0356
16w_SITTD12	0.01137209	0.05802108	3.21E-05	0.006339	0.32844
16w_SITTD12	0.02285055	0.12728316	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02373114	0.13259676	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.01527565	0.08157553	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.01385536	0.07300535	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02667208	0.15034261	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.02407564	0.13467547	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.08271765	0.48852676	6.35E-05	0.017892	0.12434
16w_SITTD12	0.10942794	0.64969903	6.60E-05	0.025611	-0.2602
16w_SITTD12	0.02215435	0.12308227	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.0744563	0.43867698	6.24E-05	0.014051	0.13218
16w_SITTD12	0.01201234	0.06188445	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.04650119	0.26999334	5.57E-05	0.0054037	0.028707
16w_SITTD12	0.07174455	0.42231408	6.20E-05	0.012843	0.12348
16w_SITTD12	0.01274203	0.06628746	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.10163641	0.60268426	6.54E-05	0.024923	-0.14299
16w_SITTD12	0.01389761	0.07326031	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.06623236	0.38905302	6.13E-05	0.010616	0.10013
16w_SITTD12	0.07572162	0.44631207	6.26E-05	0.014549	0.13453
16w_SITTD12	0.03270774	0.1867624	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.01390674	0.07331538	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02880134	0.16319077	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.13045436	0.77657443	6.70E-05	0.02364	-0.44263
16w_SITTD12	0.08810175	0.52101487	6.42E-05	0.020421	0.080939
16w_SITTD12	0.01597874	0.08581802	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.02341639	0.13069752	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.14296767	0.8520809	6.75E-05	0.023603	-0.50606
16w_SITTD12	0.02600587	0.1463227	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.11743303	0.6980025	6.64E-05	0.024917	-0.34377

16w_SITTD12	0.02495142	0.13996007	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.08400008	0.49626505	6.37E-05	0.01841	0.1176
16w_SITTD12	0.03942454	0.22729214	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.01599105	0.08589234	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.01198682	0.06173044	3.22E-05	0.0061869	0.2791
16w_SITTD12	0.05920205	0.34663147	6.03E-05	0.0083426	0.075889
16w_SITTD12	0.1330562	0.7922741	6.71E-05	0.023556	-0.45937
16w_SITTD12	0.08117937	0.47924465	6.33E-05	0.017113	0.13148
16w_SITTD12	0.04961664	0.28879222	5.73E-05	0.0058857	0.046466
16w_SITTD12	0.02161436	0.11982389	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.02667444	0.1503569	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01415629	0.07482124	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.0456877	0.26508465	5.50E-05	0.0052335	0.025099
16w_SITTD12	0.08770695	0.5186326	6.41E-05	0.020177	0.080939
16w_SITTD12	0.01681015	0.09083486	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02099326	0.1160761	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.08030854	0.47398996	6.32E-05	0.016854	0.13446
16w_SITTD12	0.07883988	0.46512792	6.30E-05	0.016077	0.13613
16w_SITTD12	0.01305752	0.06819113	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.05647287	0.33016336	5.98E-05	0.0075425	0.068678
16w_SITTD12	0.01887656	0.10330375	3.38E-05	0.004741	0.03364
16w_SITTD12	0.09957229	0.5902292	6.53E-05	0.02442	-0.10426
16w_SITTD12	0.04694952	0.27269858	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.08583413	0.50733185	6.39E-05	0.01943	0.1043
16w_SITTD12	0.01475834	0.07845403	3.26E-05	0.0055188	0.16515
16w_SITTD12	0.06174624	0.3619834	6.07E-05	0.0090475	0.083692
16w_SITTD12	0.12610978	0.7503588	6.68E-05	0.023927	-0.41325
16w_SITTD12	0.08815279	0.52132285	6.42E-05	0.020421	0.080939
16w_SITTD12	0.00986144	0.04890568	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.10174268	0.6033255	6.54E-05	0.024923	-0.14299
16w_SITTD12	0.0408739	0.23603775	5.14E-05	0.0046741	-0.017493
16w_SITTD12	0.02484579	0.13932264	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.05837093	0.34161642	6.01E-05	0.0080116	0.073002
16w_SITTD12	0.06820698	0.40096804	6.16E-05	0.011474	0.10734
16w_SITTD12	0.01877438	0.1026872	3.38E-05	0.004741	0.03364
16w_SITTD12	0.08881631	0.5253266	6.42E-05	0.020663	0.067165
16w_SITTD12	0.04549612	0.26392862	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.06280389	0.36836535	6.08E-05	0.0094206	0.087254
16w_SITTD12	0.0797478	0.47060642	6.32E-05	0.016594	0.13545
16w_SITTD12	0.09081835	0.53740704	6.45E-05	0.021597	0.044278
16w_SITTD12	0.02440514	0.13666369	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.09547026	0.56547713	6.49E-05	0.023263	-0.035993
16w_SITTD12	0.03984863	0.22985117	5.03E-05	0.0045634	-0.028892

16w_SITTD12	0.11250577	0.668271	6.62E-05	0.025448	-0.29336
16w_SITTD12	0.0296152	0.16810171	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.01088703	0.05509421	3.21E-05	0.0064976	0.32844
16w_SITTD12	0.02235959	0.12432069	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.08238248	0.4865043	6.35E-05	0.017633	0.1271
16w_SITTD12	0.05765426	0.33729196	6.00E-05	0.0078516	0.071569
16w_SITTD12	0.02671815	0.15062062	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01076495	0.05435756	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.08884271	0.5254859	6.42E-05	0.020663	0.067165
16w_SITTD12	0.03428666	0.19628973	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.01255846	0.06517975	3.23E-05	0.0060411	0.25518
16w_SITTD12	0.02408361	0.13472354	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.07107937	0.41830033	6.20E-05	0.012608	0.11916
16w_SITTD12	0.1041231	0.6176892	6.56E-05	0.025367	-0.18011
16w_SITTD12	0.02754623	0.15561736	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.01568976	0.08407433	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02703274	0.1525189	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.08324906	0.49173334	6.36E-05	0.018151	0.12117
16w_SITTD12	0.02529931	0.14205919	3.68E-05	0.0041768	-0.092011
16w_SITTD12	0.01388958	0.07321186	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02656795	0.14971429	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.0842962	0.4980519	6.37E-05	0.018667	0.1176
16w_SITTD12	0.02587042	0.14550538	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.02350076	0.13120659	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.02769779	0.15653184	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.0262652	0.14788753	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.08117074	0.47919255	6.33E-05	0.017113	0.13148
16w_SITTD12	0.03404927	0.19485731	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.09192624	0.5440922	6.46E-05	0.022042	0.027741
16w_SITTD12	0.02650028	0.149306	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.0750064	0.44199634	6.25E-05	0.014299	0.13345
16w_SITTD12	0.03114717	0.17734574	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.08534798	0.5043984	6.39E-05	0.019177	0.10916
16w_SITTD12	0.02916738	0.1653995	3.97E-05	0.0040686	-0.10661
16w_SITTD12	0.01667965	0.09004739	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.03640771	0.20908836	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.05213156	0.30396754	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.03023921	0.17186703	4.07E-05	0.0040668	-0.10475
16w_SITTD12	0.02917789	0.16546294	3.97E-05	0.0040686	-0.10661
16w_SITTD12	0.05537354	0.32352987	5.95E-05	0.007248	0.065685
16w_SITTD12	0.00640021	0.02802033	3.18E-05	0.008015	0.56984
16w_SITTD12	0.02031158	0.1119628	3.42E-05	0.0045972	-0.01065
16w_SITTD12	0.08605138	0.50864273	6.39E-05	0.01943	0.099025

16w_SITTD12	0.10424889	0.6184482	6.56E-05	0.025367	-0.18901
16w_SITTD12	0.07007158	0.4122192	6.18E-05	0.012147	0.11689
16w_SITTD12	0.08268996	0.48835966	6.35E-05	0.017892	0.12434
16w_SITTD12	0.01083772	0.05479664	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.02154639	0.11941374	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.04555922	0.26430938	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.13425708	0.7995204	6.71E-05	0.023539	-0.46567
16w_SITTD12	0.02331465	0.13008358	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.04420323	0.2561272	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.03186529	0.18167897	4.22E-05	0.0040866	-0.097962
16w_SITTD12	0.0394865	0.22766604	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.04732709	0.27497688	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.02107929	0.11659527	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.0579792	0.33925268	6.00E-05	0.0078516	0.073002
16w_SITTD12	0.02413602	0.13503985	3.61E-05	0.0042401	-0.080664
16w_SITTD12	0.02688408	0.15162185	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01250381	0.06485	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.00749558	0.03462985	3.19E-05	0.0075925	0.51404
16w_SITTD12	0.04427138	0.25653848	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.04818922	0.28017905	5.67E-05	0.0056831	0.038361
16w_SITTD12	0.04196272	0.24260779	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.03149303	0.17943269	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.02812417	0.15910472	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.02185359	0.12126741	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.08133864	0.4802057	6.34E-05	0.017373	0.13148
16w_SITTD12	0.02655657	0.14964564	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01852215	0.10116521	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02523374	0.14166357	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.02215288	0.12307339	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.10463382	0.6207709	6.57E-05	0.025429	-0.18901
16w_SITTD12	0.06027708	0.35311833	6.05E-05	0.008688	0.07887
16w_SITTD12	0.00688208	0.03092795	3.18E-05	0.0078	0.54183
16w_SITTD12	0.0213839	0.11843329	3.47E-05	0.0044724	-0.0356
16w_SITTD12	0.11921653	0.7087643	6.65E-05	0.024704	-0.36308
16w_SITTD12	0.0242924	0.13598347	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.04825788	0.28059334	5.67E-05	0.0056831	0.038361
16w_SITTD12	0.02439478	0.13660124	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.07692068	0.4535473	6.28E-05	0.015307	0.13605
16w_SITTD12	0.05520666	0.32252294	5.94E-05	0.0071062	0.065685
16w_SITTD12	0.03453624	0.19779572	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.13090588	0.77929896	6.70E-05	0.023618	-0.44608
16w_SITTD12	0.0186026	0.10165066	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.0717008	0.4220501	6.20E-05	0.012843	0.12348

16w_SITTD12	0.01822814	0.09939112	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.03007203	0.17085826	4.07E-05	0.0040668	-0.10597
16w_SITTD12	0.13865685	0.82606906	6.73E-05	0.023538	-0.48824
16w_SITTD12	0.04767824	0.27709576	5.64E-05	0.0055867	0.035328
16w_SITTD12	0.02623447	0.14770204	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.02240101	0.12457059	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.05221514	0.30447182	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.01063312	0.0535621	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.01887816	0.10331339	3.38E-05	0.004741	0.03364
16w_SITTD12	0.03203735	0.18271717	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.01588199	0.08523422	3.28E-05	0.0052924	0.12392
16w_SITTD12	0.09124335	0.5399716	6.45E-05	0.021597	0.036126
16w_SITTD12	0.09775908	0.5792881	6.51E-05	0.023964	-0.074831
16w_SITTD12	0.02403438	0.13442649	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.0214892	0.11906869	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.01655344	0.08928584	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.026951	0.15202564	3.80E-05	0.0041099	-0.10271
16w_SITTD12	0.00962009	0.04744936	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.0172271	0.09335075	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.05998597	0.3513617	6.04E-05	0.0085136	0.077363
16w_SITTD12	0.01445979	0.07665256	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.08535426	0.50443625	6.39E-05	0.019177	0.10916
16w_SITTD12	0.09660851	0.5723455	6.50E-05	0.023626	-0.055297
16w_SITTD12	0.01840736	0.10047259	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.01268306	0.06593159	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.0649156	0.38110754	6.11E-05	0.010206	0.093303
16w_SITTD12	0.05485002	0.32037094	5.94E-05	0.0071062	0.064127
16w_SITTD12	0.01227453	0.0634665	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.02665317	0.15022853	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.09093531	0.5381128	6.45E-05	0.021597	0.044278
16w_SITTD12	0.12150959	0.7226009	6.66E-05	0.024419	-0.38089
16w_SITTD12	0.09332487	0.55253166	6.47E-05	0.022469	0.0013661
16w_SITTD12	0.12022119	0.7148265	6.66E-05	0.024561	-0.36766
16w_SITTD12	0.02391494	0.1337058	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.01747431	0.09484246	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.09831742	0.58265716	6.52E-05	0.024123	-0.084641
16w_SITTD12	0.04683592	0.27201313	5.57E-05	0.0054037	0.032113
16w_SITTD12	0.01439331	0.07625144	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.10095855	0.598594	6.54E-05	0.024809	-0.13341
16w_SITTD12	0.02219499	0.12332745	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.08536968	0.50452936	6.39E-05	0.019177	0.10916
16w_SITTD12	0.01973752	0.10849887	3.40E-05	0.0046667	0.0032259
16w_SITTD12	0.04449883	0.25791088	5.42E-05	0.0050757	0.012967

16w_SITTD12	0.01478137	0.07859302	3.26E-05	0.0055188	0.16515
16w_SITTD12	0.04435124	0.2570203	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.06897438	0.40559858	6.16E-05	0.011695	0.11218
16w_SITTD12	0.03248352	0.18540943	4.27E-05	0.004099	-0.094772
16w_SITTD12	0.0137651	0.07246076	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.09140229	0.5409306	6.45E-05	0.021822	0.036126
16w_SITTD12	0.02134067	0.11817242	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.08778684	0.5191147	6.41E-05	0.020177	0.080939
16w_SITTD12	0.09249443	0.5475207	6.46E-05	0.022258	0.019141
16w_SITTD12	0.06807749	0.4001867	6.16E-05	0.011474	0.10734
16w_SITTD12	0.00745112	0.03436158	3.19E-05	0.0075925	0.51404
16w_SITTD12	0.02382532	0.13316505	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.1149854	0.6832333	6.63E-05	0.025242	-0.32268
16w_SITTD12	0.01125387	0.05730774	3.21E-05	0.006339	0.32844
16w_SITTD12	0.0342813	0.19625738	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.00856246	0.04106752	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.01375661	0.07240952	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.08321218	0.4915108	6.36E-05	0.018151	0.12434
16w_SITTD12	0.01094765	0.05546001	3.21E-05	0.006339	0.32844
16w_SITTD12	0.08185741	0.483336	6.35E-05	0.017633	0.12948
16w_SITTD12	0.0148585	0.07905841	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02058967	0.11364079	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.08246247	0.48698696	6.35E-05	0.017892	0.1271
16w_SITTD12	0.0475516	0.27633157	5.64E-05	0.0055867	0.035328
16w_SITTD12	0.01830578	0.09985964	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.04491262	0.26040775	5.46E-05	0.0051531	0.017239
16w_SITTD12	0.02943717	0.16702746	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.11248862	0.6681675	6.62E-05	0.025448	-0.29336
16w_SITTD12	0.01315045	0.06875191	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.11571528	0.68763745	6.63E-05	0.025119	-0.32814
16w_SITTD12	0.09686469	0.5738913	6.51E-05	0.023799	-0.055297
16w_SITTD12	0.1042821	0.6186486	6.56E-05	0.025367	-0.18901
16w_SITTD12	0.07440195	0.43834907	6.24E-05	0.014051	0.13218
16w_SITTD12	0.01060863	0.05341433	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.10034065	0.5948655	6.53E-05	0.024687	-0.11403
16w_SITTD12	0.03390151	0.19396567	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.1040788	0.61742187	6.56E-05	0.025367	-0.18011
16w_SITTD12	0.01456868	0.07730959	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.12752622	0.75890577	6.69E-05	0.023794	-0.4246
16w_SITTD12	0.03653773	0.20987292	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.01571389	0.0842199	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02931024	0.16626154	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.01602833	0.08611727	3.30E-05	0.0051875	0.12392

16w_SITTD12	0.0231063	0.12882642	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.08688958	0.51370054	6.41E-05	0.01993	0.093363
16w_SITTD12	0.03757373	0.21612419	4.81E-05	0.0043756	-0.05192
16w_SITTD12	0.09414104	0.55745655	6.48E-05	0.022877	-0.0077738
16w_SITTD12	0.09382889	0.5555729	6.48E-05	0.022676	-0.0077738
16w_SITTD12	0.07485012	0.44105336	6.25E-05	0.014299	0.13218
16w_SITTD12	0.01660166	0.0895768	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.0178871	0.09733326	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.02442518	0.13678464	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.09910025	0.5873809	6.53E-05	0.02442	-0.094455
16w_SITTD12	0.02507216	0.1406886	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.01799281	0.09797113	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.01943752	0.10668863	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.06454089	0.37884656	6.10E-05	0.010005	0.093303
16w_SITTD12	0.04141263	0.23928846	5.19E-05	0.0047337	-0.011944
16w_SITTD12	0.01993634	0.10969856	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.10397798	0.6168135	6.56E-05	0.025296	-0.18011
16w_SITTD12	0.02146143	0.11890109	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.08261517	0.48790842	6.35E-05	0.017892	0.1271
16w_SITTD12	0.01280106	0.06664366	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.10623701	0.6304447	6.58E-05	0.02556	-0.21453
16w_SITTD12	0.07096472	0.41760847	6.20E-05	0.012608	0.11916
16w_SITTD12	0.122094	0.7261272	6.66E-05	0.02435	-0.38515
16w_SITTD12	0.00878235	0.04239439	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.03578617	0.20533794	4.59E-05	0.0042319	-0.068307
16w_SITTD12	0.01486514	0.07909846	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.04649247	0.2699407	5.57E-05	0.0054037	0.028707
16w_SITTD12	0.09224884	0.5460388	6.46E-05	0.022042	0.019141
16w_SITTD12	0.01126563	0.05737873	3.21E-05	0.006339	0.32844
16w_SITTD12	0.10175799	0.6034179	6.54E-05	0.024923	-0.14299
16w_SITTD12	0.1016284	0.6026359	6.54E-05	0.024923	-0.14299
16w_SITTD12	0.05277401	0.30784407	5.87E-05	0.0065755	0.057248
16w_SITTD12	0.01344241	0.07051359	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.01406432	0.07426625	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.12493273	0.7432564	6.68E-05	0.024034	-0.40548
16w_SITTD12	0.06384563	0.37465125	6.10E-05	0.0098069	0.089169
16w_SITTD12	0.09162156	0.54225373	6.45E-05	0.021822	0.027741
16w_SITTD12	0.00874834	0.04218912	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.10111588	0.59954333	6.54E-05	0.024809	-0.13341
16w_SITTD12	0.01689856	0.09136833	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.15160054	0.9041724	6.77E-05	0.023705	-0.52438
16w_SITTD12	0.02346383	0.13098375	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.0161422	0.08680436	3.30E-05	0.0051875	0.12392

16w_SITTD12	0.02456382	0.1376212	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.06764178	0.39755756	6.15E-05	0.011255	0.10492
16w_SITTD12	0.01494379	0.07957309	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.11715981	0.69635385	6.64E-05	0.024986	-0.34377
16w_SITTD12	0.04871341	0.28334206	5.70E-05	0.0057827	0.041222
16w_SITTD12	0.07546856	0.4447851	6.26E-05	0.014549	0.13345
16w_SITTD12	0.0428996	0.248261	5.29E-05	0.0048617	-0.0013165
16w_SITTD12	0.02670493	0.1505409	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.0098931	0.04909674	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.08719585	0.5155486	6.41E-05	0.01993	0.087329
16w_SITTD12	0.03378498	0.19326253	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.02075208	0.11462083	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.0822086	0.48545513	6.35E-05	0.017633	0.1271
16w_SITTD12	0.02761041	0.15600465	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.11226749	0.6668332	6.61E-05	0.025489	-0.29336
16w_SITTD12	0.10553833	0.6262288	6.57E-05	0.025482	-0.20623
16w_SITTD12	0.01521136	0.08118758	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02771906	0.15666021	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.09088424	0.53780466	6.45E-05	0.021597	0.044278
16w_SITTD12	0.01199592	0.06178535	3.22E-05	0.0061869	0.2791
16w_SITTD12	0.01351454	0.07094885	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.07332928	0.43187645	6.23E-05	0.013561	0.12913
16w_SITTD12	0.02255213	0.12548251	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02023013	0.11147135	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.02231776	0.12406826	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.09138779	0.5408432	6.45E-05	0.021822	0.036126
16w_SITTD12	0.05081118	0.2960002	5.81E-05	0.006215	0.051138
16w_SITTD12	0.08335543	0.49237517	6.36E-05	0.018151	0.12117
16w_SITTD12	0.02974602	0.1688911	4.02E-05	0.0040662	-0.10597
16w_SITTD12	0.07421514	0.4372218	6.24E-05	0.014051	0.13074
16w_SITTD12	0.08507541	0.5027537	6.38E-05	0.018923	0.10916
16w_SITTD12	0.0337179	0.19285776	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.02576533	0.14487126	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.02516393	0.14124233	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.06004021	0.35168904	6.04E-05	0.0085136	0.07887
16w_SITTD12	0.09234427	0.54661465	6.46E-05	0.022042	0.019141
16w_SITTD12	0.0232946	0.12996264	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.02710949	0.15298204	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.02344811	0.1308889	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.00763555	0.03547445	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.10184095	0.6039185	6.55E-05	0.025029	-0.14299
16w_SITTD12	0.02118755	0.1172485	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01196699	0.06161078	3.22E-05	0.0061869	0.30353

16w_SITTD12	0.01406189	0.07425161	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02683282	0.15131254	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.11627701	0.691027	6.64E-05	0.025054	-0.33347
16w_SITTD12	0.10586616	0.62820697	6.58E-05	0.025526	-0.20623
16w_SITTD12	0.0568135	0.33221877	5.98E-05	0.0075425	0.070131
16w_SITTD12	0.02239587	0.12453959	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.03102427	0.17660415	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.05164605	0.3010379	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.02418531	0.13533725	3.61E-05	0.0042401	-0.080664
16w_SITTD12	0.03418245	0.19566093	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.01931392	0.10594284	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01910583	0.10468722	3.38E-05	0.004741	0.03364
16w_SITTD12	0.06066338	0.3554493	6.05E-05	0.008688	0.080421
16w_SITTD12	0.01802133	0.09814323	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.01800265	0.0980305	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.08341146	0.49271327	6.36E-05	0.018151	0.12117
16w_SITTD12	0.1453764	0.86661536	6.75E-05	0.023641	-0.51294
16w_SITTD12	0.07216233	0.424835	6.21E-05	0.01308	0.12348
16w_SITTD12	0.00355308	0.01084047	3.18E-05	0.0092049	0.71249
16w_SITTD12	0.026439	0.14893626	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01623298	0.08735216	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.07321752	0.43120208	6.23E-05	0.013561	0.12737
16w_SITTD12	0.06195849	0.36326408	6.07E-05	0.0092324	0.083692
16w_SITTD12	0.04557574	0.2644091	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.03823436	0.22011052	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.09958807	0.5903244	6.53E-05	0.024558	-0.10426
16w_SITTD12	0.03116639	0.17746171	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.10210942	0.6055384	6.55E-05	0.025029	-0.15246
16w_SITTD12	0.03040964	0.17289545	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.0172902	0.09373152	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.00784101	0.03671425	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.08017656	0.47319356	6.32E-05	0.016594	0.13446
16w_SITTD12	0.01535182	0.08203515	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02098877	0.11604901	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.03298005	0.18840553	4.32E-05	0.0041142	-0.091175
16w_SITTD12	0.01351944	0.07097843	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.01964634	0.10794866	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.05578782	0.3260297	5.95E-05	0.007248	0.067199
16w_SITTD12	0.03142108	0.17899856	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.02047139	0.11292712	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.08687127	0.5135901	6.41E-05	0.01993	0.093363
16w_SITTD12	0.02426778	0.13583486	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.08136655	0.48037407	6.34E-05	0.017373	0.13148

16w_SITTD12	0.02442016	0.13675432	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.03951605	0.22784433	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.04526028	0.26250556	5.46E-05	0.0051531	0.021279
16w_SITTD12	0.08000177	0.47213888	6.32E-05	0.016594	0.13446
16w_SITTD12	0.04692146	0.27252927	5.57E-05	0.0054037	0.032113
16w_SITTD12	0.04245259	0.24556367	5.24E-05	0.0047963	-0.0013165
16w_SITTD12	0.09636109	0.57085246	6.50E-05	0.023626	-0.045608
16w_SITTD12	0.03070787	0.174695	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.08984965	0.53156185	6.44E-05	0.021137	0.059815
16w_SITTD12	0.02575988	0.14483838	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.07857112	0.4635062	6.30E-05	0.016077	0.13651
16w_SITTD12	0.03451859	0.19768919	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.01447122	0.07672156	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.07007956	0.41226736	6.18E-05	0.012147	0.11689
16w_SITTD12	0.01371182	0.07213925	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.03309504	0.18909939	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.10882497	0.6460607	6.59E-05	0.025616	-0.25305
16w_SITTD12	0.0168918	0.09132751	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.0134729	0.0706976	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.02800275	0.15837206	3.88E-05	0.0040827	-0.10603
16w_SITTD12	0.02210821	0.12280381	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.10086903	0.5980538	6.54E-05	0.024809	-0.12375
16w_SITTD12	0.02076053	0.11467178	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.1047627	0.6215486	6.57E-05	0.025429	-0.18901
16w_SITTD12	0.05083354	0.29613513	5.81E-05	0.006215	0.051138
16w_SITTD12	0.03048532	0.1733521	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.03565819	0.20456569	4.59E-05	0.0042319	-0.073417
16w_SITTD12	0.02150323	0.11915331	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.02169882	0.12033353	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.11318571	0.67237383	6.62E-05	0.025403	-0.30551
16w_SITTD12	0.06438372	0.3778982	6.10E-05	0.010005	0.091185
16w_SITTD12	0.0979737	0.5805831	6.52E-05	0.024123	-0.074831
16w_SITTD12	0.1267498	0.7542208	6.69E-05	0.023834	-0.41707
16w_SITTD12	0.08695004	0.5140654	6.41E-05	0.01993	0.093363
16w_SITTD12	0.022798	0.12696606	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.04457607	0.258377	5.42E-05	0.0050757	0.017239
16w_SITTD12	0.04741441	0.27550378	5.61E-05	0.0054936	0.035328
16w_SITTD12	0.01339364	0.07021929	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.01557482	0.08338074	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02064442	0.11397121	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.01536362	0.08210633	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.05144197	0.29980645	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.0437076	0.25313655	5.38E-05	0.0050014	0.008455

16w_SITTD12	0.07956718	0.46951652	6.31E-05	0.016335	0.13545
16w_SITTD12	0.1173574	0.6975461	6.64E-05	0.024917	-0.34377
16w_SITTD12	0.01365918	0.07182159	3.24E-05	0.0057681	0.20898
16w_SITTD12	0.0239306	0.13380033	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.1112555	0.6607267	6.61E-05	0.025525	-0.28058
16w_SITTD12	0.01960189	0.10768045	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.0288641	0.16356951	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.05155003	0.3004585	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.02972762	0.16878006	4.02E-05	0.0040662	-0.10597
16w_SITTD12	0.06252351	0.3666735	6.08E-05	0.0094206	0.085432
16w_SITTD12	0.02020809	0.11133836	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.06620332	0.38887775	6.13E-05	0.010616	0.10013
16w_SITTD12	0.02052696	0.11326243	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.09372903	0.5549704	6.48E-05	0.022676	0.0013661
16w_SITTD12	0.01567811	0.08400404	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.09454275	0.55988044	6.48E-05	0.022877	-0.017059
16w_SITTD12	0.08132198	0.48010513	6.34E-05	0.017373	0.13148
16w_SITTD12	0.07069853	0.41600227	6.19E-05	0.012376	0.11916
16w_SITTD12	0.07532968	0.44394708	6.26E-05	0.014549	0.13345
16w_SITTD12	0.02456373	0.13762067	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.02247856	0.12503853	3.52E-05	0.0043661	-0.056631
16w_SITTD12	0.07235547	0.42600042	6.21E-05	0.01308	0.12548
16w_SITTD12	0.09083688	0.5375189	6.45E-05	0.021597	0.044278
16w_SITTD12	0.07866684	0.46408382	6.30E-05	0.016077	0.13651
16w_SITTD12	0.01111475	0.0564683	3.21E-05	0.006339	0.32844
16w_SITTD12	0.00999422	0.0497069	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.07993607	0.47174242	6.32E-05	0.016594	0.13446
16w_SITTD12	0.0290316	0.1645802	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.07403047	0.43610755	6.23E-05	0.013805	0.13074
16w_SITTD12	0.07926782	0.46771014	6.31E-05	0.016335	0.13613
16w_SITTD12	0.00846872	0.04050191	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.08988273	0.53176147	6.44E-05	0.021137	0.05218
16w_SITTD12	0.03775897	0.21724196	4.81E-05	0.0043756	-0.05192
16w_SITTD12	0.08323732	0.4916625	6.36E-05	0.018151	0.12434
16w_SITTD12	0.0856436	0.50618213	6.39E-05	0.019177	0.1043
16w_SITTD12	0.09640139	0.5710957	6.50E-05	0.023626	-0.045608
16w_SITTD12	0.01811652	0.09871763	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.01664914	0.0898633	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.05236745	0.3053909	5.85E-05	0.0064518	0.057248
16w_SITTD12	0.09805994	0.5811035	6.52E-05	0.024123	-0.074831
16w_SITTD12	0.05600746	0.32735503	5.97E-05	0.0073934	0.067199
16w_SITTD12	0.10719661	0.63623506	6.58E-05	0.025586	-0.23052
16w_SITTD12	0.02204832	0.12244246	3.52E-05	0.0043661	-0.046619

16w_SITTD12	0.03196188	0.18226178	4.22E-05	0.0040866	-0.097962
16w_SITTD12	0.04161342	0.24050005	5.19E-05	0.0047337	-0.011944
16w_SITTD12	0.13520794	0.8052579	6.72E-05	0.023529	-0.47171
16w_SITTD12	0.03435769	0.19671834	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.02795741	0.15809843	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.01595449	0.08567169	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.06099121	0.35742745	6.06E-05	0.008866	0.080421
16w_SITTD12	0.07881869	0.4650001	6.30E-05	0.016077	0.13651
16w_SITTD12	0.00764017	0.03550233	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.0848221	0.50122523	6.38E-05	0.018923	0.1136
16w_SITTD12	0.09159601	0.54209954	6.45E-05	0.021822	0.027741
16w_SITTD12	0.02377943	0.13288814	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.04918463	0.28618547	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.14032036	0.8361068	6.74E-05	0.023558	-0.49553
16w_SITTD12	0.08234433	0.48627412	6.35E-05	0.017633	0.1271
16w_SITTD12	0.01390818	0.07332409	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.11076192	0.6577484	6.61E-05	0.025556	-0.27396
16w_SITTD12	0.0106232	0.05350221	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.08426694	0.4978753	6.37E-05	0.018667	0.1176
16w_SITTD12	0.08817834	0.52147704	6.42E-05	0.020421	0.080939
16w_SITTD12	0.04428222	0.25660387	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.02824424	0.1598292	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.01483653	0.07892586	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.0356634	0.20459709	4.59E-05	0.0042319	-0.073417
16w_SITTD12	0.03661191	0.21032049	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.09478456	0.56133956	6.49E-05	0.023073	-0.017059
16w_SITTD12	0.07248907	0.42680654	6.22E-05	0.01332	0.12548
16w_SITTD12	0.09088869	0.5378315	6.45E-05	0.021597	0.044278
16w_SITTD12	0.07259513	0.42744657	6.22E-05	0.01332	0.12548
16w_SITTD12	0.01533691	0.08194517	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.10496562	0.62277305	6.57E-05	0.025429	-0.19772
16w_SITTD12	0.01834726	0.1001099	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.08855438	0.5237461	6.42E-05	0.020663	0.074212
16w_SITTD12	0.09430385	0.5584389	6.48E-05	0.022877	-0.017059
16w_SITTD12	0.10013232	0.59360844	6.53E-05	0.024558	-0.11403
16w_SITTD12	0.03906197	0.22510438	4.92E-05	0.0044639	-0.034672
16w_SITTD12	0.03407152	0.19499156	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.02255257	0.12548514	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02563612	0.14409159	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.01297225	0.06767663	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.10916545	0.6481152	6.60E-05	0.025611	-0.25305
16w_SITTD12	0.03135278	0.17858644	4.16E-05	0.0040771	-0.10071
16w_SITTD12	0.08311012	0.49089494	6.36E-05	0.018151	0.12434

16w_SITTD12	0.03375889	0.1931051	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.04359604	0.25246337	5.33E-05	0.0049301	0.008455
16w_SITTD12	0.0211492	0.11701711	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.05959122	0.34897977	6.03E-05	0.0083426	0.077363
16w_SITTD12	0.04763929	0.27686074	5.64E-05	0.0055867	0.035328
16w_SITTD12	0.0283559	0.16050296	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.07899872	0.46608642	6.30E-05	0.016077	0.13613
16w_SITTD12	0.0903239	0.53442353	6.44E-05	0.021369	0.05218
16w_SITTD12	0.00839886	0.04008035	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.0902926	0.53423464	6.44E-05	0.021369	0.05218
16w_SITTD12	0.05203971	0.30341324	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.02797189	0.15818581	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.01086394	0.05495486	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.02306387	0.12857035	3.55E-05	0.0043197	-0.065623
16w_SITTD12	0.01071816	0.05407521	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.0091578	0.04465984	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.12996088	0.7735967	6.70E-05	0.023664	-0.43912
16w_SITTD12	0.0800404	0.47237197	6.32E-05	0.016594	0.13446
16w_SITTD12	0.01513236	0.0807109	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.11815073	0.70233315	6.65E-05	0.024847	-0.35363
16w_SITTD12	0.03120519	0.17769587	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.03472829	0.19895454	4.48E-05	0.0041765	-0.078293
16w_SITTD12	0.08259112	0.48776326	6.35E-05	0.017892	0.1271
16w_SITTD12	0.02367477	0.1322566	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.013489	0.07079473	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.01613274	0.08674727	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.10316622	0.61191523	6.56E-05	0.025216	-0.17104
16w_SITTD12	0.02246684	0.12496784	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.05777564	0.3380244	6.00E-05	0.0078516	0.071569
16w_SITTD12	0.0203788	0.11236838	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.0861018	0.508947	6.39E-05	0.01943	0.099025
16w_SITTD12	0.02074216	0.11456094	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.01370691	0.07210961	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.078604	0.46370462	6.30E-05	0.016077	0.13651
16w_SITTD12	0.11662265	0.6931126	6.64E-05	0.025054	-0.33868
16w_SITTD12	0.03135561	0.1786035	4.16E-05	0.0040771	-0.10071
16w_SITTD12	0.00849491	0.0406599	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.00814043	0.03852095	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.01838926	0.10036334	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02255254	0.12548494	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02017871	0.11116103	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.00726668	0.03324869	3.19E-05	0.0075925	0.51404
16w_SITTD12	0.1141149	0.67798066	6.63E-05	0.025299	-0.31137

16w_SITTD12	0.0138365	0.07289159	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.05608111	0.32779947	5.97E-05	0.0073934	0.067199
16w_SITTD12	0.01476697	0.07850611	3.26E-05	0.0055188	0.16515
16w_SITTD12	0.08183104	0.48317686	6.34E-05	0.017373	0.12948
16w_SITTD12	0.10168921	0.60300285	6.54E-05	0.024923	-0.14299
16w_SITTD12	0.12623505	0.75111147	6.68E-05	0.023879	-0.41325
16w_SITTD12	0.02125012	0.11762603	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.11288152	0.6705383	6.62E-05	0.025448	-0.29951
16w_SITTD12	0.02386487	0.13340366	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.01092624	0.05533079	3.21E-05	0.006339	0.32844
16w_SITTD12	0.07716943	0.45504826	6.28E-05	0.015307	0.13646
16w_SITTD12	0.01494902	0.07960462	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02868375	0.16248126	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.09191801	0.5440425	6.46E-05	0.022042	0.027741
16w_SITTD12	0.01629347	0.08771715	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.0347109	0.1988496	4.48E-05	0.0041765	-0.078293
16w_SITTD12	0.11180328	0.6640321	6.61E-05	0.025489	-0.28705
16w_SITTD12	0.0158114	0.08480827	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02359865	0.13179731	3.58E-05	0.0042778	-0.073623
16w_SITTD12	0.06758713	0.3972278	6.15E-05	0.011255	0.10492
16w_SITTD12	0.09441553	0.5591128	6.48E-05	0.022877	-0.017059
16w_SITTD12	0.01227462	0.06346707	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.03161443	0.18016528	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.07557345	0.445418	6.26E-05	0.014549	0.13453
16w_SITTD12	0.08137365	0.48041695	6.34E-05	0.017373	0.13148
16w_SITTD12	0.02363087	0.13199171	3.58E-05	0.0042778	-0.073623
16w_SITTD12	0.03689587	0.21203393	4.70E-05	0.0042982	-0.057524
16w_SITTD12	0.0284074	0.16081375	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.0283442	0.16043235	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.0222194	0.12347475	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.04905117	0.28538013	5.70E-05	0.0057827	0.04392
16w_SITTD12	0.01148353	0.05869356	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.01707904	0.09245734	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.0129687	0.06765518	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.0506667	0.29512838	5.78E-05	0.0061018	0.051138
16w_SITTD12	0.03208159	0.18298411	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.12885877	0.7669465	6.69E-05	0.023723	-0.43195
16w_SITTD12	0.0254787	0.1431417	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.08769333	0.51855046	6.41E-05	0.020177	0.080939
16w_SITTD12	0.06572733	0.3860056	6.12E-05	0.01041	0.097788
16w_SITTD12	0.01951662	0.1071659	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.08743873	0.51701415	6.41E-05	0.020177	0.087329
16w_SITTD12	0.02461704	0.13794233	3.64E-05	0.0042065	-0.080664

16w_SITTD12	0.03637932	0.20891705	4.65E-05	0.0042637	-0.062998
16w_SITTD12	0.04575838	0.26551116	5.50E-05	0.0052335	0.025099
16w_SITTD12	0.03081928	0.17536725	4.11E-05	0.0040705	-0.10299
16w_SITTD12	0.03001476	0.17051268	4.07E-05	0.0040668	-0.10597
16w_SITTD12	0.02332398	0.1301399	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.03294919	0.18821934	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.05293152	0.30879453	5.87E-05	0.0065755	0.059084
16w_SITTD12	0.12336555	0.7337999	6.67E-05	0.024217	-0.39346
16w_SITTD12	0.12746127	0.75851387	6.69E-05	0.023794	-0.4246
16w_SITTD12	0.02024588	0.11156637	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.01238642	0.06414168	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.02094513	0.1157857	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.0196331	0.10786881	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.0245302	0.13741837	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.04784391	0.27809542	5.64E-05	0.0055867	0.035328
16w_SITTD12	0.01765775	0.09594932	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.01751341	0.09507838	3.33E-05	0.0049935	0.067421
16w_SITTD12	0.0108882	0.05510125	3.21E-05	0.0064976	0.32844
16w_SITTD12	0.09382743	0.55556417	6.48E-05	0.022676	-0.0077738
16w_SITTD12	0.11633678	0.69138765	6.64E-05	0.025054	-0.33347
16w_SITTD12	0.05436874	0.31746686	5.92E-05	0.0069681	0.062513
16w_SITTD12	0.00890603	0.04314069	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.01930728	0.10590273	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.03018395	0.17153357	4.07E-05	0.0040668	-0.10597
16w_SITTD12	0.01114146	0.05662946	3.21E-05	0.006339	0.32844
16w_SITTD12	0.0487815	0.28375292	5.70E-05	0.0057827	0.041222
16w_SITTD12	0.03047552	0.17329296	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.01949494	0.10703512	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01157302	0.05923351	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.03231778	0.1844093	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.10781004	0.6399365	6.59E-05	0.025604	-0.23822
16w_SITTD12	0.01823094	0.09940802	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.06890298	0.40516776	6.16E-05	0.011695	0.11218
16w_SITTD12	0.01908314	0.10455028	3.38E-05	0.004741	0.03364
16w_SITTD12	0.0128014	0.06664565	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.11807306	0.70186454	6.65E-05	0.024847	-0.35363
16w_SITTD12	0.05861868	0.34311137	6.02E-05	0.0081753	0.074438
16w_SITTD12	0.00710783	0.03229015	3.19E-05	0.0075925	0.51404
16w_SITTD12	0.02180616	0.12098125	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.02144762	0.11881774	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.02400839	0.1342697	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.03242626	0.18506393	4.27E-05	0.004099	-0.094772
16w_SITTD12	0.07261851	0.4275876	6.22E-05	0.01332	0.12548

16w_SITTD12	0.02587188	0.14551418	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.04332777	0.25084463	5.33E-05	0.0049301	0.0036923
16w_SITTD12	0.11570389	0.6875687	6.63E-05	0.025119	-0.32814
16w_SITTD12	0.01496303	0.07968915	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.01601545	0.08603957	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.0417966	0.24160542	5.19E-05	0.0047337	-0.011944
16w_SITTD12	0.13635162	0.812159	6.72E-05	0.023527	-0.4775
16w_SITTD12	0.00694292	0.03129509	3.18E-05	0.0078	0.54183
16w_SITTD12	0.01651908	0.08907852	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02100566	0.11615091	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01924935	0.10555319	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01866603	0.10203338	3.38E-05	0.004741	0.03364
16w_SITTD12	0.0097951	0.04850537	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.02113739	0.1169458	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01379792	0.07265875	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02731108	0.15419844	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.02442974	0.13681217	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.03664231	0.21050397	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.10376445	0.615525	6.56E-05	0.025296	-0.18011
16w_SITTD12	0.04211031	0.24349836	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.04095956	0.23655464	5.14E-05	0.0046741	-0.017493
16w_SITTD12	0.03397498	0.19440903	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.01288491	0.06714962	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.10991055	0.6526112	6.60E-05	0.025599	-0.26716
16w_SITTD12	0.04515219	0.26185334	5.46E-05	0.0051531	0.021279
16w_SITTD12	0.04081443	0.23567887	5.09E-05	0.0046173	-0.017493
16w_SITTD12	0.02111587	0.11681596	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01649024	0.08890447	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.03521313	0.20188014	4.54E-05	0.0042028	-0.073417
16w_SITTD12	0.08568024	0.50640327	6.39E-05	0.019177	0.1043
16w_SITTD12	0.01986644	0.10927677	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.0228668	0.12738122	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01576261	0.0845139	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.05137485	0.29940143	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.0211653	0.11711421	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.08329126	0.49198794	6.36E-05	0.018151	0.12117
16w_SITTD12	0.0859962	0.50830984	6.39E-05	0.01943	0.1043
16w_SITTD12	0.02747311	0.1551761	3.84E-05	0.0040947	-0.10472
16w_SITTD12	0.03194878	0.18218276	4.22E-05	0.0040866	-0.097962
16w_SITTD12	0.02123041	0.11750707	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.12796286	0.7615405	6.69E-05	0.023757	-0.4246
16w_SITTD12	0.03105144	0.17676811	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.01917601	0.10511068	3.38E-05	0.004741	0.017998

16w_SITTD12	0.10692653	0.63460535	6.58E-05	0.025586	-0.22263
16w_SITTD12	0.01409279	0.07443804	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.05391498	0.3147288	5.91E-05	0.0068337	0.060836
16w_SITTD12	0.02910679	0.16503394	3.97E-05	0.0040686	-0.10661
16w_SITTD12	0.01379475	0.07263964	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.09951215	0.5898663	6.53E-05	0.02442	-0.10426
16w_SITTD12	0.07776359	0.45863348	6.29E-05	0.015562	0.13662
16w_SITTD12	0.13355723	0.79529744	6.71E-05	0.023546	-0.46255
16w_SITTD12	0.02038096	0.11238142	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.04229229	0.24459644	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.06266248	0.36751202	6.08E-05	0.0094206	0.085432
16w_SITTD12	0.01827777	0.09969062	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02300593	0.12822074	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.06420386	0.37681285	6.10E-05	0.010005	0.091185
16w_SITTD12	0.01622589	0.08730935	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.03604198	0.20688151	4.65E-05	0.0042637	-0.068307
16w_SITTD12	0.02635831	0.14844936	3.76E-05	0.0041286	-0.099939
16w_SITTD12	0.08233599	0.48622376	6.35E-05	0.017633	0.1271
16w_SITTD12	0.08633994	0.5103839	6.40E-05	0.019681	0.099025
16w_SITTD12	0.05357802	0.31269553	5.89E-05	0.0067028	0.060836
16w_SITTD12	0.01376469	0.07245826	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.04543986	0.26358917	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.1343228	0.799917	6.71E-05	0.023539	-0.46567
16w_SITTD12	0.01241782	0.0643311	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.0240372	0.13444354	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.05531212	0.3231593	5.95E-05	0.007248	0.065685
16w_SITTD12	0.07471897	0.44026196	6.25E-05	0.014299	0.13218
16w_SITTD12	0.02143342	0.11873212	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.05764494	0.33723575	6.00E-05	0.0078516	0.071569
16w_SITTD12	0.09869718	0.58494866	6.52E-05	0.024275	-0.084641
16w_SITTD12	0.05872142	0.34373134	6.02E-05	0.0081753	0.074438
16w_SITTD12	0.01754799	0.09528703	3.33E-05	0.0049935	0.067421
16w_SITTD12	0.02048636	0.11301744	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.01018783	0.05087517	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.01943231	0.10665721	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.07639878	0.4503981	6.27E-05	0.015053	0.1354
16w_SITTD12	0.02155543	0.11946829	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.0128363	0.06685627	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.10464075	0.6208127	6.57E-05	0.025429	-0.18901
16w_SITTD12	0.0976042	0.5783535	6.51E-05	0.023964	-0.074831
16w_SITTD12	0.05194255	0.30282703	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.01713379	0.0927877	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.02584792	0.14536957	3.72E-05	0.0041509	-0.096385

16w_SITTD12	0.01220522	0.0630483	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.06395079	0.37528577	6.10E-05	0.0098069	0.091185
16w_SITTD12	0.08970889	0.5307125	6.44E-05	0.021137	0.059815
16w_SITTD12	0.09311862	0.5512871	6.47E-05	0.022469	0.010343
16w_SITTD12	0.04944048	0.2877293	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.02277944	0.12685412	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01881253	0.1029174	3.38E-05	0.004741	0.03364
16w_SITTD12	0.0736666	0.4339119	6.23E-05	0.013805	0.12913
16w_SITTD12	0.02096431	0.11590142	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.10709462	0.63561964	6.58E-05	0.025586	-0.23052
16w_SITTD12	0.04974873	0.2895893	5.76E-05	0.005992	0.046466
16w_SITTD12	0.07093674	0.41743967	6.20E-05	0.012608	0.11916
16w_SITTD12	0.03544788	0.20329666	4.59E-05	0.0042319	-0.073417
16w_SITTD12	0.00796033	0.03743419	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.02270455	0.12640218	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02567623	0.14433362	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.01693277	0.09157474	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.03607442	0.20707725	4.65E-05	0.0042637	-0.068307
16w_SITTD12	0.02144045	0.11877451	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.14042145	0.8367168	6.74E-05	0.023558	-0.49553
16w_SITTD12	0.07050958	0.41486213	6.19E-05	0.012376	0.11689
16w_SITTD12	0.05240439	0.3056138	5.85E-05	0.0064518	0.057248
16w_SITTD12	0.09107357	0.5389471	6.45E-05	0.021597	0.036126
16w_SITTD12	0.05194491	0.30284122	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.02201165	0.1222212	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.00920859	0.04496633	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.02578929	0.14501582	3.72E-05	0.0041509	-0.096385
16w_SITTD12	0.01871917	0.10235404	3.38E-05	0.004741	0.03364
16w_SITTD12	0.07189491	0.42322138	6.21E-05	0.01308	0.12348
16w_SITTD12	0.02773195	0.15673797	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.02627972	0.14797509	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.03819419	0.21986815	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.03359114	0.19209293	4.37E-05	0.0041322	-0.087207
16w_SITTD12	0.079762	0.47069207	6.32E-05	0.016594	0.13545
16w_SITTD12	0.01554706	0.08321325	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.01130414	0.05761108	3.21E-05	0.006339	0.32844
16w_SITTD12	0.02238314	0.12446281	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.04183435	0.2418332	5.19E-05	0.0047337	-0.00654
16w_SITTD12	0.10859779	0.64468986	6.59E-05	0.025616	-0.24573
16w_SITTD12	0.03091737	0.1759591	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.07252809	0.42704204	6.22E-05	0.01332	0.12548
16w_SITTD12	0.1456359	0.8681812	6.75E-05	0.02365	-0.51294
16w_SITTD12	0.11142096	0.66172516	6.61E-05	0.025525	-0.28705

16w_SITTD12	0.0494925	0.28804317	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.03411797	0.19527185	4.43E-05	0.004153	-0.082901
16w_SITTD12	0.01776712	0.09660929	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.02523312	0.14165984	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.12654278	0.7529716	6.68E-05	0.023879	-0.41707
16w_SITTD12	0.0115827	0.05929195	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.01684319	0.09103422	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.0200588	0.11043748	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.11355447	0.67459893	6.62E-05	0.025353	-0.30551
16w_SITTD12	0.08784605	0.51947194	6.41E-05	0.020177	0.080939
16w_SITTD12	0.09728638	0.5764358	6.51E-05	0.023799	-0.065044
16w_SITTD12	0.02739903	0.15472911	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.11161027	0.6628675	6.61E-05	0.025525	-0.28705
16w_SITTD12	0.00483888	0.0185991	3.18E-05	0.0084677	0.62647
16w_SITTD12	0.01451131	0.07696346	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.10756959	0.6384856	6.59E-05	0.025604	-0.23822
16w_SITTD12	0.11367343	0.67531675	6.62E-05	0.025353	-0.31137
16w_SITTD12	0.09742086	0.5772472	6.51E-05	0.023964	-0.065044
16w_SITTD12	0.01296393	0.06762639	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.02623676	0.14771591	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.03516613	0.20159651	4.54E-05	0.0042028	-0.078293
16w_SITTD12	0.0938563	0.55573833	6.48E-05	0.022676	-0.0077738
16w_SITTD12	0.10784192	0.6401289	6.59E-05	0.025604	-0.23822
16w_SITTD12	0.01566587	0.08393017	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02386932	0.13343051	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.03803821	0.21892692	4.81E-05	0.0043756	-0.04622
16w_SITTD12	0.06595413	0.38737416	6.13E-05	0.010616	0.097788
16w_SITTD12	0.02745795	0.15508468	3.84E-05	0.0040947	-0.10472
16w_SITTD12	0.08643486	0.51095676	6.40E-05	0.019681	0.099025
16w_SITTD12	0.10907021	0.6475405	6.60E-05	0.025611	-0.25305
16w_SITTD12	0.01868922	0.10217333	3.38E-05	0.004741	0.03364
16w_SITTD12	0.1000514	0.59312016	6.53E-05	0.024558	-0.11403
16w_SITTD12	0.10025703	0.59436095	6.53E-05	0.024687	-0.11403
16w_SITTD12	0.01232079	0.06374566	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.02341342	0.13067962	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.09778471	0.5794428	6.51E-05	0.023964	-0.074831
16w_SITTD12	0.02845439	0.16109727	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.03200536	0.18252414	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.08198965	0.4841339	6.35E-05	0.017633	0.12948
16w_SITTD12	0.04916892	0.2860906	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.01606157	0.08631783	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.01654862	0.08925673	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.00878732	0.04242433	3.19E-05	0.0070136	0.43237

16w_SITTD12	0.01174558	0.06027474	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.00909436	0.04427706	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.03892803	0.2242962	4.92E-05	0.0044639	-0.040459
16w_SITTD12	0.1443476	0.8604075	6.75E-05	0.023623	-0.50968
16w_SITTD12	0.03056555	0.1738362	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.01526042	0.08148366	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02626886	0.1479096	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.01554329	0.08319049	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02150893	0.1191877	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.05422404	0.3165937	5.92E-05	0.0069681	0.062513
16w_SITTD12	0.11403791	0.67751604	6.63E-05	0.025299	-0.31137
16w_SITTD12	0.03518945	0.20173727	4.54E-05	0.0042028	-0.073417
16w_SITTD12	0.01960249	0.10768408	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01657816	0.08943502	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.00888802	0.043032	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.01019227	0.05090192	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.04225817	0.24439055	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.01825781	0.09957016	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.01570523	0.08416764	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.05215631	0.30411687	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.01617295	0.08698993	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.01256996	0.06524914	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.14264046	0.8501065	6.74E-05	0.023593	-0.50412
16w_SITTD12	0.02083756	0.1151366	3.44E-05	0.0045325	-0.023601
16w_SITTD12	0.02179907	0.12093843	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.0812171	0.47947228	6.33E-05	0.017113	0.13148
16w_SITTD12	0.01450948	0.07695242	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.10276843	0.60951495	6.55E-05	0.025127	-0.16182
16w_SITTD12	0.06322275	0.37089276	6.09E-05	0.0096122	0.087254
16w_SITTD12	0.00736079	0.03381654	3.19E-05	0.0075925	0.51404
16w_SITTD12	0.03201001	0.1825522	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.0221457	0.12303007	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.02458536	0.1377512	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.01828726	0.09974785	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.07709481	0.454598	6.28E-05	0.015307	0.13605
16w_SITTD12	0.02607693	0.14675145	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.08831065	0.5222754	6.42E-05	0.020421	0.074212
16w_SITTD12	0.01544312	0.08258604	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.11062285	0.6569093	6.60E-05	0.02558	-0.27396
16w_SITTD12	0.01495012	0.07961125	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.00890475	0.04313292	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.02840257	0.16078456	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.10163894	0.6026996	6.54E-05	0.024923	-0.14299

16w_SITTD12	0.0289064	0.16382475	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.08774973	0.51889074	6.41E-05	0.020177	0.080939
16w_SITTD12	0.09517773	0.563712	6.49E-05	0.023263	-0.026471
16w_SITTD12	0.01674188	0.0904229	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02376058	0.13277437	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.08937372	0.5286901	6.43E-05	0.020902	0.059815
16w_SITTD12	0.03827316	0.22034466	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.0323074	0.1843467	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.01381252	0.07274685	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.07826524	0.46166047	6.29E-05	0.015819	0.13662
16w_SITTD12	0.01473058	0.07828655	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.02771367	0.15662767	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.01847463	0.10087849	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.04649797	0.2699739	5.57E-05	0.0054037	0.028707
16w_SITTD12	0.13685112	0.81517303	6.73E-05	0.023528	-0.48029
16w_SITTD12	0.02157147	0.11956509	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.01349387	0.07082412	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.03388084	0.19384098	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.01406074	0.07424464	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02496981	0.14007097	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.07854517	0.4633496	6.30E-05	0.016077	0.13651
16w_SITTD12	0.0180102	0.09807606	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.03018439	0.17153627	4.07E-05	0.0040668	-0.10597
16w_SITTD12	0.1129931	0.67121154	6.62E-05	0.025403	-0.29951
16w_SITTD12	0.1334486	0.794642	6.71E-05	0.023546	-0.45937
16w_SITTD12	0.01956879	0.10748076	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01810791	0.09866563	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.0724648	0.42666012	6.22E-05	0.01332	0.12548
16w_SITTD12	0.04366916	0.25290462	5.38E-05	0.0050014	0.008455
16w_SITTD12	0.096228	0.57004946	6.50E-05	0.023448	-0.045608
16w_SITTD12	0.01807754	0.09848239	3.34E-05	0.0049043	0.050123
16w_SITTD12	0.08122139	0.4794982	6.33E-05	0.017113	0.13148
16w_SITTD12	0.10010593	0.59344923	6.53E-05	0.024558	-0.11403
16w_SITTD12	0.02464163	0.13809071	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.04932118	0.2870094	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.04691567	0.27249435	5.57E-05	0.0054037	0.032113
16w_SITTD12	0.09780836	0.5795855	6.51E-05	0.023964	-0.074831
16w_SITTD12	0.01674606	0.09044813	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.06255783	0.36688057	6.08E-05	0.0094206	0.085432
16w_SITTD12	0.03626267	0.20821314	4.65E-05	0.0042637	-0.068307
16w_SITTD12	0.04197391	0.24267529	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.05171344	0.30144453	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.07947422	0.46895558	6.31E-05	0.016335	0.13545

16w_SITTD12	0.02722772	0.15369543	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.0154991	0.08292384	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.01411906	0.07459656	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.08584329	0.5073871	6.39E-05	0.01943	0.1043
16w_SITTD12	0.01325712	0.06939556	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.10941966	0.6496491	6.60E-05	0.025611	-0.2602
16w_SITTD12	0.07060704	0.41545025	6.19E-05	0.012376	0.11916
16w_SITTD12	0.05186291	0.30234644	5.83E-05	0.0063316	0.055318
16w_SITTD12	0.06660982	0.39133063	6.13E-05	0.010826	0.10013
16w_SITTD12	0.01845021	0.10073114	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.07809902	0.4606575	6.29E-05	0.015819	0.13662
16w_SITTD12	0.03139776	0.17885785	4.16E-05	0.0040771	-0.10071
16w_SITTD12	0.08292329	0.48976764	6.35E-05	0.017892	0.12434
16w_SITTD12	0.07396855	0.43573388	6.23E-05	0.013805	0.13074
16w_SITTD12	0.05418776	0.3163748	5.92E-05	0.0069681	0.062513
16w_SITTD12	0.01695525	0.09171038	3.31E-05	0.0050879	0.085504
16w_SITTD12	0.03340836	0.19098999	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.0090935	0.0442719	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.01309738	0.06843164	3.23E-05	0.0059016	0.23179
16w_SITTD12	0.01135435	0.05791403	3.21E-05	0.006339	0.32844
16w_SITTD12	0.01852137	0.10116048	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02343395	0.13080348	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.08928303	0.5281428	6.43E-05	0.020902	0.067165
16w_SITTD12	0.0693095	0.40762076	6.17E-05	0.01192	0.11218
16w_SITTD12	0.03091263	0.1759305	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.09869672	0.5849459	6.52E-05	0.024275	-0.084641
16w_SITTD12	0.03807687	0.21916023	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.02240444	0.12459134	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.05592603	0.32686365	5.97E-05	0.0073934	0.067199
16w_SITTD12	0.02566598	0.14427178	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.07134526	0.41990468	6.20E-05	0.012843	0.12136
16w_SITTD12	0.025269	0.14187633	3.68E-05	0.0041768	-0.092011
16w_SITTD12	0.08968161	0.5305479	6.44E-05	0.021137	0.059815
16w_SITTD12	0.09419238	0.5577663	6.48E-05	0.022877	-0.0077738
16w_SITTD12	0.01946787	0.10687177	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.11498734	0.683245	6.63E-05	0.025242	-0.32268
16w_SITTD12	0.04421102	0.25617424	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.12435196	0.73975194	6.67E-05	0.024092	-0.40152
16w_SITTD12	0.01888056	0.10332791	3.38E-05	0.004741	0.03364
16w_SITTD12	0.08850186	0.52342916	6.42E-05	0.020663	0.074212
16w_SITTD12	0.00948408	0.04662868	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.07324444	0.43136454	6.23E-05	0.013561	0.12737
16w_SITTD12	0.0161623	0.08692568	3.30E-05	0.0051875	0.12392

16w_SITTD12	0.02041541	0.11258933	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.01300094	0.06784973	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.06662542	0.39142478	6.13E-05	0.010826	0.10013
16w_SITTD12	0.123367	0.73380864	6.67E-05	0.024217	-0.39346
16w_SITTD12	0.03356215	0.19191797	4.37E-05	0.0041322	-0.087207
16w_SITTD12	0.02292739	0.12774684	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01769537	0.09617636	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.0249596	0.1400094	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.01347931	0.07073624	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.00821066	0.03894471	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.11713015	0.69617486	6.64E-05	0.024986	-0.34377
16w_SITTD12	0.08006357	0.47251177	6.32E-05	0.016594	0.13446
16w_SITTD12	0.01438397	0.07619503	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.11425211	0.67880857	6.63E-05	0.025299	-0.3171
16w_SITTD12	0.0609713	0.3573073	6.06E-05	0.008866	0.080421
16w_SITTD12	0.01838208	0.10032	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.0275911	0.15588808	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.09311554	0.5512685	6.47E-05	0.022469	0.010343
16w_SITTD12	0.03698093	0.21254723	4.76E-05	0.0043355	-0.057524
16w_SITTD12	0.005781	0.02428395	3.18E-05	0.0082375	0.59807
16w_SITTD12	0.0251148	0.14094587	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.04624384	0.26844049	5.54E-05	0.0053171	0.028707
16w_SITTD12	0.07865521	0.4640136	6.30E-05	0.016077	0.13651
16w_SITTD12	0.0536734	0.3132711	5.91E-05	0.0068337	0.060836
16w_SITTD12	0.03340634	0.19097778	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.00673683	0.03005152	3.18E-05	0.0078	0.54183
16w_SITTD12	0.01266644	0.0658313	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.02493771	0.13987727	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.02136288	0.11830646	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.09590156	0.56807965	6.50E-05	0.023448	-0.035993
16w_SITTD12	0.0665234	0.39080918	6.13E-05	0.010826	0.10013
16w_SITTD12	0.06886259	0.40492404	6.16E-05	0.011695	0.10977
16w_SITTD12	0.11014998	0.65405595	6.60E-05	0.02558	-0.26716
16w_SITTD12	0.03955743	0.22809406	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.11409213	0.6778433	6.63E-05	0.025299	-0.31137
16w_SITTD12	0.03519305	0.20175898	4.54E-05	0.0042028	-0.073417
16w_SITTD12	0.07053247	0.41500026	6.19E-05	0.012376	0.11689
16w_SITTD12	0.00792552	0.03722417	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.04513597	0.26175547	5.46E-05	0.0051531	0.021279
16w_SITTD12	0.08717853	0.5154441	6.41E-05	0.01993	0.087329
16w_SITTD12	0.02014511	0.11095832	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.11281601	0.670143	6.62E-05	0.025448	-0.29951
16w_SITTD12	0.03992938	0.23033841	5.03E-05	0.0045634	-0.028892

16w_SITTD12	0.01735934	0.0941487	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.02282029	0.12710057	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02007036	0.11050724	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.09054771	0.53577405	6.44E-05	0.021369	0.044278
16w_SITTD12	0.11058497	0.6566807	6.60E-05	0.02558	-0.27396
16w_SITTD12	0.11135317	0.66131604	6.61E-05	0.025525	-0.28058
16w_SITTD12	0.02835887	0.16052093	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.03680381	0.21147844	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.07639577	0.45037997	6.27E-05	0.015053	0.1354
16w_SITTD12	0.03877397	0.22336657	4.92E-05	0.0044639	-0.040459
16w_SITTD12	0.07229273	0.42562184	6.21E-05	0.01308	0.12548
16w_SITTD12	0.13029364	0.7756046	6.70E-05	0.02364	-0.44263
16w_SITTD12	0.02599545	0.14625977	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.01752772	0.09516471	3.33E-05	0.0049935	0.067421
16w_SITTD12	0.07802551	0.46021396	6.29E-05	0.015819	0.13662
16w_SITTD12	0.02457698	0.13770062	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.02965147	0.16832055	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.01776114	0.09657322	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.03133998	0.1785092	4.16E-05	0.0040771	-0.10071
16w_SITTD12	0.08532024	0.504231	6.39E-05	0.019177	0.10916
16w_SITTD12	0.01248386	0.06472963	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.08770549	0.51862377	6.41E-05	0.020177	0.080939
16w_SITTD12	0.03730493	0.21450227	4.76E-05	0.0043355	-0.057524
16w_SITTD12	0.0920592	0.54489446	6.46E-05	0.022042	0.027741
16w_SITTD12	0.05520967	0.3225411	5.94E-05	0.0071062	0.065685
16w_SITTD12	0.04505897	0.26129082	5.46E-05	0.0051531	0.017239
16w_SITTD12	0.1153046	0.6851594	6.63E-05	0.025182	-0.32814
16w_SITTD12	0.03383444	0.19356102	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.07797582	0.4599141	6.29E-05	0.015819	0.13662
16w_SITTD12	0.03190109	0.18189499	4.22E-05	0.0040866	-0.097962
16w_SITTD12	0.01346477	0.07064851	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.02741933	0.15485165	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.1003697	0.5950408	6.53E-05	0.024687	-0.12375
16w_SITTD12	0.02964945	0.16830839	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.04577398	0.2656053	5.50E-05	0.0052335	0.025099
16w_SITTD12	0.0086113	0.04136225	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.11361347	0.67495495	6.62E-05	0.025353	-0.30551
16w_SITTD12	0.03653484	0.20985547	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.01893471	0.10365464	3.38E-05	0.004741	0.03364
16w_SITTD12	0.12956761	0.77122366	6.70E-05	0.023664	-0.43556
16w_SITTD12	0.10669893	0.633232	6.58E-05	0.02556	-0.22263
16w_SITTD12	0.01874281	0.10249669	3.38E-05	0.004741	0.03364
16w_SITTD12	0.00946887	0.04653688	3.20E-05	0.0068348	0.4058

16w_SITTD12	0.01396533	0.07366895	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.08031192	0.47401035	6.32E-05	0.016854	0.13446
16w_SITTD12	0.01194329	0.06146775	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.08186782	0.48339882	6.35E-05	0.017633	0.12948
16w_SITTD12	0.09998176	0.59269994	6.53E-05	0.024558	-0.11403
16w_SITTD12	0.01960667	0.10770928	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.02821701	0.15966491	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.01923019	0.10543761	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.02539387	0.14262982	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.06081752	0.35637936	6.06E-05	0.008866	0.080421
16w_SITTD12	0.0869545	0.51409227	6.41E-05	0.01993	0.093363
16w_SITTD12	0.01867842	0.10210817	3.38E-05	0.004741	0.03364
16w_SITTD12	0.01915624	0.10499135	3.38E-05	0.004741	0.03364
16w_SITTD12	0.03433782	0.19659846	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.05145905	0.29990953	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.0226088	0.12582445	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.13321806	0.79325086	6.71E-05	0.023556	-0.45937
16w_SITTD12	0.06586443	0.38683286	6.13E-05	0.010616	0.097788
16w_SITTD12	0.02660053	0.14991093	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.12699005	0.7556705	6.69E-05	0.023834	-0.42086
16w_SITTD12	0.03079183	0.17520161	4.11E-05	0.0040705	-0.10299
16w_SITTD12	0.0229815	0.12807335	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.09714217	0.5755656	6.51E-05	0.023799	-0.065044
16w_SITTD12	0.08547778	0.5051816	6.39E-05	0.019177	0.1043
16w_SITTD12	0.04837842	0.2813207	5.67E-05	0.0056831	0.038361
16w_SITTD12	0.02633286	0.14829575	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.05757729	0.33682755	6.00E-05	0.0078516	0.071569
16w_SITTD12	0.02077077	0.11473358	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.09071101	0.53675944	6.44E-05	0.021369	0.044278
16w_SITTD12	0.02813815	0.15918906	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.10872538	0.6454597	6.59E-05	0.025616	-0.25305
16w_SITTD12	0.01237928	0.06409855	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.08468149	0.5003767	6.38E-05	0.018923	0.1136
16w_SITTD12	0.05549571	0.3242671	5.95E-05	0.007248	0.065685
16w_SITTD12	0.09523524	0.564059	6.49E-05	0.023263	-0.026471
16w_SITTD12	0.03848372	0.22161518	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.05944651	0.3481066	6.03E-05	0.0083426	0.075889
16w_SITTD12	0.02407512	0.13467236	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.04647847	0.26985624	5.57E-05	0.0054037	0.028707
16w_SITTD12	0.0934361	0.5532028	6.47E-05	0.022469	0.0013661
16w_SITTD12	0.0950065	0.5626788	6.49E-05	0.023073	-0.026471
16w_SITTD12	0.01575701	0.08448011	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.08352511	0.49339902	6.37E-05	0.01841	0.12117

16w_SITTD12	0.11028655	0.65488	6.60E-05	0.02558	-0.26716
16w_SITTD12	0.01874976	0.10253863	3.38E-05	0.004741	0.03364
16w_SITTD12	0.04345782	0.25162932	5.33E-05	0.0049301	0.0036923
16w_SITTD12	0.02932977	0.16637938	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.01219654	0.0629959	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.10633463	0.6310338	6.58E-05	0.02556	-0.21453
16w_SITTD12	0.0390378	0.22495854	4.92E-05	0.0044639	-0.040459
16w_SITTD12	0.10397344	0.6167861	6.56E-05	0.025296	-0.18011
16w_SITTD12	0.08920874	0.5276945	6.43E-05	0.020902	0.067165
16w_SITTD12	0.02808539	0.15887067	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.01355512	0.07119371	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.12349268	0.734567	6.67E-05	0.024153	-0.39346
16w_SITTD12	0.02466704	0.13824406	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.04975746	0.28964195	5.76E-05	0.005992	0.046466
16w_SITTD12	0.01748798	0.09492496	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.01836131	0.10019471	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02551269	0.14334677	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.10621101	0.6302878	6.58E-05	0.025526	-0.21453
16w_SITTD12	0.0161698	0.0869709	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.09737831	0.5769905	6.51E-05	0.023964	-0.065044
16w_SITTD12	0.07546669	0.44477382	6.26E-05	0.014549	0.13345
16w_SITTD12	0.01902727	0.10421314	3.38E-05	0.004741	0.03364
16w_SITTD12	0.10352599	0.61408615	6.56E-05	0.025296	-0.17104
16w_SITTD12	0.01550341	0.08294985	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.05011655	0.29180872	5.76E-05	0.005992	0.048868
16w_SITTD12	0.03694374	0.2123228	4.70E-05	0.0042982	-0.057524
16w_SITTD12	0.07136879	0.4200467	6.20E-05	0.012843	0.12136
16w_SITTD12	0.06486969	0.3808305	6.11E-05	0.010206	0.093303
16w_SITTD12	0.02024663	0.11157087	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.03829488	0.2204757	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.01696806	0.09178769	3.31E-05	0.0050879	0.085504
16w_SITTD12	0.02427274	0.13586484	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.01571713	0.08423948	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.02339023	0.13053967	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.09549955	0.56565386	6.49E-05	0.023263	-0.035993
16w_SITTD12	0.01932637	0.10601792	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.09037647	0.53474075	6.44E-05	0.021369	0.05218
16w_SITTD12	0.09171141	0.5427959	6.45E-05	0.021822	0.027741
16w_SITTD12	0.02632318	0.14823735	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.02874932	0.16287692	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.05532953	0.32326433	5.95E-05	0.007248	0.065685
16w_SITTD12	0.02398378	0.13412121	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.02129866	0.11791895	3.47E-05	0.0044724	-0.023601

16w_SITTD12	0.06516301	0.38260043	6.11E-05	0.010206	0.095509
16w_SITTD12	0.10030245	0.594635	6.53E-05	0.024687	-0.11403
16w_SITTD12	0.02461341	0.13792041	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.08526324	0.50388706	6.39E-05	0.019177	0.10916
16w_SITTD12	0.01133038	0.05776941	3.21E-05	0.006339	0.32844
16w_SITTD12	0.07785405	0.4591793	6.29E-05	0.015562	0.13662
16w_SITTD12	0.08474044	0.5007324	6.38E-05	0.018923	0.1136
16w_SITTD12	0.02078244	0.114804	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.06610117	0.3882614	6.13E-05	0.010616	0.097788
16w_SITTD12	0.02554075	0.1435161	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.01802952	0.09819264	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.07226862	0.42547634	6.21E-05	0.01308	0.12548
16w_SITTD12	0.0935288	0.5537622	6.48E-05	0.022676	0.0013661
16w_SITTD12	0.08168137	0.48227376	6.34E-05	0.017373	0.12948
16w_SITTD12	0.06888755	0.40507466	6.16E-05	0.011695	0.11218
16w_SITTD12	0.04608004	0.26745206	5.54E-05	0.0053171	0.025099
16w_SITTD12	0.07314596	0.4307703	6.23E-05	0.013561	0.12737
16w_SITTD12	0.05496991	0.32109433	5.94E-05	0.0071062	0.064127
16w_SITTD12	0.07889656	0.46546996	6.30E-05	0.016077	0.13613
16w_SITTD12	0.02556475	0.1436609	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.06960532	0.40940577	6.17E-05	0.01192	0.11455
16w_SITTD12	0.01471854	0.07821387	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.05659356	0.33089158	5.98E-05	0.0075425	0.068678
16w_SITTD12	0.04553442	0.26415977	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.06411035	0.37624863	6.10E-05	0.0098069	0.091185
16w_SITTD12	0.02184664	0.12122548	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.05235235	0.30529976	5.85E-05	0.0064518	0.057248
16w_SITTD12	0.0380453	0.2189697	4.81E-05	0.0043756	-0.04622
16w_SITTD12	0.06840894	0.40218666	6.16E-05	0.011474	0.10977
16w_SITTD12	0.0514409	0.29979995	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.08339847	0.4926349	6.36E-05	0.018151	0.12117
16w_SITTD12	0.00908755	0.04423599	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.02136651	0.11832833	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.03103503	0.17666909	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.10586722	0.62821335	6.58E-05	0.025526	-0.20623
16w_SITTD12	0.02240314	0.12458347	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.02317339	0.12923124	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.0888004	0.5252306	6.42E-05	0.020663	0.067165
16w_SITTD12	0.07470561	0.44018137	6.25E-05	0.014299	0.13218
16w_SITTD12	0.05105127	0.29744896	5.81E-05	0.006215	0.051138
16w_SITTD12	0.10243318	0.6074921	6.55E-05	0.025127	-0.15246
16w_SITTD12	0.07356335	0.43328884	6.23E-05	0.013805	0.12913
16w_SITTD12	0.02195201	0.12186132	3.49E-05	0.0044169	-0.046619

16w_SITTD12	0.08777963	0.51907116	6.41E-05	0.020177	0.080939
16w_SITTD12	0.0250985	0.1408475	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.11171954	0.66352683	6.61E-05	0.025525	-0.28705
16w_SITTD12	0.08600558	0.5083664	6.39E-05	0.01943	0.099025
16w_SITTD12	0.09017672	0.5335355	6.44E-05	0.021369	0.05218
16w_SITTD12	0.08536354	0.5044923	6.39E-05	0.019177	0.10916
16w_SITTD12	0.13655739	0.8134006	6.72E-05	0.023527	-0.4775
16w_SITTD12	0.06581583	0.3865396	6.13E-05	0.010616	0.097788
16w_SITTD12	0.07164935	0.4217396	6.20E-05	0.012843	0.12348
16w_SITTD12	0.10082931	0.59781414	6.54E-05	0.024809	-0.12375
16w_SITTD12	0.07282118	0.42881054	6.22E-05	0.01332	0.12737
16w_SITTD12	0.02278377	0.12688021	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02028843	0.11182314	3.42E-05	0.0045972	-0.01065
16w_SITTD12	0.01344302	0.07051729	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.03760794	0.21633065	4.81E-05	0.0043756	-0.05192
16w_SITTD12	0.02076533	0.11470074	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.06740174	0.39610916	6.14E-05	0.011039	0.10492
16w_SITTD12	0.09639288	0.5710443	6.50E-05	0.023626	-0.045608
16w_SITTD12	0.01565004	0.08383466	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.01221152	0.06308632	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.01612868	0.0867228	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.11014486	0.654025	6.60E-05	0.02558	-0.26716
16w_SITTD12	0.09115925	0.5394641	6.45E-05	0.021597	0.036126
16w_SITTD12	0.03316534	0.18952356	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.03273775	0.18694347	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.01773072	0.09638964	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.08100688	0.4782038	6.33E-05	0.017113	0.13314
16w_SITTD12	0.0294548	0.16713382	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.09711556	0.57540506	6.51E-05	0.023799	-0.065044
16w_SITTD12	0.0205087	0.11315224	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.0215723	0.11957013	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.06114349	0.3583463	6.06E-05	0.008866	0.082025
16w_SITTD12	0.02036949	0.11231221	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.07942216	0.46864146	6.31E-05	0.016335	0.13545
16w_SITTD12	0.04816349	0.28002378	5.67E-05	0.0056831	0.038361
16w_SITTD12	0.1018128	0.60374856	6.55E-05	0.025029	-0.14299
16w_SITTD12	0.01903987	0.10428917	3.38E-05	0.004741	0.03364
16w_SITTD12	0.00949087	0.04666963	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.06512889	0.38239458	6.11E-05	0.010206	0.095509
16w_SITTD12	0.03517119	0.20162706	4.54E-05	0.0042028	-0.078293
16w_SITTD12	0.09158292	0.54202056	6.45E-05	0.021822	0.027741
16w_SITTD12	0.01661696	0.08966913	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02554988	0.14357117	3.72E-05	0.0041509	-0.092011

16w_SITTD12	0.09504442	0.5629076	6.49E-05	0.023073	-0.026471
16w_SITTD12	0.08595283	0.5080481	6.39E-05	0.01943	0.1043
16w_SITTD12	0.02659245	0.14986216	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.09131897	0.54042786	6.45E-05	0.021822	0.036126
16w_SITTD12	0.02829095	0.16011104	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.04093544	0.2364091	5.14E-05	0.0046741	-0.017493
16w_SITTD12	0.04755987	0.27638152	5.64E-05	0.0055867	0.035328
16w_SITTD12	0.09328558	0.55229455	6.47E-05	0.022469	0.0013661
16w_SITTD12	0.12233505	0.7275818	6.67E-05	0.024282	-0.38515
16w_SITTD12	0.01412194	0.07461394	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.00590489	0.02503151	3.18E-05	0.0082375	0.56984
16w_SITTD12	0.05427803	0.31691948	5.92E-05	0.0069681	0.062513
16w_SITTD12	0.11853723	0.70466536	6.65E-05	0.024776	-0.35363
16w_SITTD12	0.02785391	0.1574739	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.13132651	0.78183705	6.70E-05	0.023599	-0.44949
16w_SITTD12	0.02302858	0.12835744	3.55E-05	0.0043197	-0.065623
16w_SITTD12	0.0224238	0.12470812	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.0129605	0.06760572	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.0094638	0.04650629	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.01812305	0.09875699	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.01871824	0.10234844	3.38E-05	0.004741	0.03364
16w_SITTD12	0.07325424	0.43142363	6.23E-05	0.013561	0.12737
16w_SITTD12	0.10063103	0.5966177	6.53E-05	0.024687	-0.12375
16w_SITTD12	0.03944732	0.2274296	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.10043175	0.59541523	6.53E-05	0.024687	-0.12375
16w_SITTD12	0.03229125	0.18424924	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.01888277	0.10334124	3.38E-05	0.004741	0.03364
16w_SITTD12	0.0425842	0.24635784	5.29E-05	0.0048617	-0.0013165
16w_SITTD12	0.09101407	0.53858805	6.45E-05	0.021597	0.036126
16w_SITTD12	0.02671878	0.15062442	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.03278939	0.1872551	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.01923801	0.10548479	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01484762	0.07899277	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.03969745	0.22893895	4.98E-05	0.0045122	-0.028892
16w_SITTD12	0.01659414	0.08953143	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.0891531	0.52735883	6.43E-05	0.020902	0.067165
16w_SITTD12	0.02293368	0.12778476	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02315784	0.12913743	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.02348883	0.13113461	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.02639135	0.14864868	3.76E-05	0.0041286	-0.099939
16w_SITTD12	0.03269169	0.18666555	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.01227416	0.06346427	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.05921528	0.3467113	6.03E-05	0.0083426	0.075889

16w_SITTD12	0.06695961	0.39344132	6.14E-05	0.011039	0.10251
16w_SITTD12	0.0320653	0.18288586	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.07356566	0.43330282	6.23E-05	0.013805	0.12913
16w_SITTD12	0.09212189	0.54527277	6.46E-05	0.022042	0.019141
16w_SITTD12	0.12500624	0.74369997	6.68E-05	0.024034	-0.40548
16w_SITTD12	0.09260651	0.548197	6.46E-05	0.022258	0.019141
16w_SITTD12	0.03680733	0.2114997	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.02282942	0.12715568	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02333746	0.13022126	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.08387001	0.4954802	6.37E-05	0.01841	0.1176
16w_SITTD12	0.02240479	0.12459343	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.02355992	0.13156357	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.07154198	0.42109174	6.20E-05	0.012843	0.12136
16w_SITTD12	0.02482438	0.13919345	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.02930936	0.16625626	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.01755626	0.09533692	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.03784947	0.21778804	4.81E-05	0.0043756	-0.05192
16w_SITTD12	0.02473844	0.13867491	3.64E-05	0.0042065	-0.086782
16w_SITTD12	0.10993473	0.65275705	6.60E-05	0.025599	-0.26716
16w_SITTD12	0.0537694	0.31385034	5.91E-05	0.0068337	0.060836
16w_SITTD12	0.03452067	0.1977018	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.02083484	0.11512017	3.44E-05	0.0045325	-0.023601
16w_SITTD12	0.09690192	0.5741159	6.51E-05	0.023799	-0.055297
16w_SITTD12	0.0067357	0.03004471	3.18E-05	0.0078	0.54183
16w_SITTD12	0.08232565	0.48616135	6.35E-05	0.017633	0.1271
16w_SITTD12	0.08550466	0.5053438	6.39E-05	0.019177	0.1043
16w_SITTD12	0.02393655	0.1338362	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.11701588	0.69548535	6.64E-05	0.024986	-0.34377
16w_SITTD12	0.12419522	0.7388062	6.67E-05	0.024092	-0.40152
16w_SITTD12	0.02600179	0.14629804	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.00907284	0.0441472	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.0204404	0.11274011	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.02492675	0.13981116	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.11343613	0.67388487	6.62E-05	0.025403	-0.30551
16w_SITTD12	0.0172699	0.09360904	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.11069388	0.65733784	6.61E-05	0.025556	-0.27396
16w_SITTD12	0.0531056	0.30984497	5.89E-05	0.0067028	0.059084
16w_SITTD12	0.0795951	0.46968502	6.31E-05	0.016335	0.13545
16w_SITTD12	0.09204196	0.5447905	6.46E-05	0.022042	0.027741
16w_SITTD12	0.08241484	0.48669955	6.35E-05	0.017892	0.1271
16w_SITTD12	0.03120078	0.17766921	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.01517112	0.08094479	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.05095096	0.29684362	5.81E-05	0.006215	0.051138

16w_SITTD12	0.05787871	0.33864635	6.00E-05	0.0078516	0.073002
16w_SITTD12	0.01394209	0.07352869	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.08461648	0.49998444	6.37E-05	0.018667	0.1136
16w_SITTD12	0.07430927	0.4377898	6.24E-05	0.014051	0.13074
16w_SITTD12	0.02625817	0.14784506	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.01724254	0.09344393	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.01130755	0.05763164	3.21E-05	0.006339	0.32844
16w_SITTD12	0.00679442	0.03039902	3.18E-05	0.0078	0.54183
16w_SITTD12	0.08672234	0.5126914	6.40E-05	0.019681	0.093363
16w_SITTD12	0.12214056	0.7264082	6.66E-05	0.02435	-0.38515
16w_SITTD12	0.01923012	0.1054372	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.07934685	0.46818703	6.31E-05	0.016335	0.13613
16w_SITTD12	0.04919582	0.28625295	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.01099413	0.05574044	3.21E-05	0.006339	0.32844
16w_SITTD12	0.0265126	0.14938037	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.04850844	0.28210524	5.67E-05	0.0056831	0.041222
16w_SITTD12	0.13956766	0.8315649	6.73E-05	0.023551	-0.49075
16w_SITTD12	0.07998081	0.47201243	6.32E-05	0.016594	0.13446
16w_SITTD12	0.01920022	0.10525674	3.38E-05	0.004741	0.017998
16w_SITTD12	0.10493442	0.62258476	6.57E-05	0.025429	-0.19772
16w_SITTD12	0.04852758	0.28222078	5.67E-05	0.0056831	0.041222
16w_SITTD12	0.01345147	0.07056824	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.06393946	0.37521744	6.10E-05	0.0098069	0.091185
16w_SITTD12	0.10563449	0.62680906	6.57E-05	0.025482	-0.20623
16w_SITTD12	0.02738546	0.15464725	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.01730757	0.0938363	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.03696488	0.21245033	4.76E-05	0.0043355	-0.057524
16w_SITTD12	0.01033511	0.05176385	3.20E-05	0.0066628	0.35381
16w_SITTD12	0.02422703	0.13558896	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.01539478	0.08229438	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.07951832	0.46922168	6.31E-05	0.016335	0.13545
16w_SITTD12	0.03458016	0.19806074	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.02475585	0.13877995	3.64E-05	0.0042065	-0.086782
16w_SITTD12	0.12717113	0.7567631	6.69E-05	0.023834	-0.42086
16w_SITTD12	0.08975518	0.5309918	6.44E-05	0.021137	0.059815
16w_SITTD12	0.02137566	0.11838356	3.47E-05	0.0044724	-0.0356
16w_SITTD12	0.10472316	0.62131	6.57E-05	0.025429	-0.18901
16w_SITTD12	0.02743974	0.15497476	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.03712405	0.21341082	4.76E-05	0.0043355	-0.057524
16w_SITTD12	0.09732913	0.5766938	6.51E-05	0.023799	-0.065044
16w_SITTD12	0.02270931	0.12643096	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.04251765	0.24595629	5.29E-05	0.0048617	-0.0013165
16w_SITTD12	0.01539298	0.08228351	3.28E-05	0.0052924	0.1442

16w_SITTD12	0.03878813	0.22345203	4.92E-05	0.0044639	-0.040459
16w_SITTD12	0.01691625	0.09147506	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02822474	0.15971152	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.01741599	0.09449054	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.02231158	0.12403099	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.01227477	0.06346793	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.02115728	0.11706584	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.0723504	0.4259698	6.21E-05	0.01308	0.12548
16w_SITTD12	0.0890615	0.5268061	6.43E-05	0.020902	0.067165
16w_SITTD12	0.04223164	0.24423046	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.11870671	0.705688	6.65E-05	0.024776	-0.3584
16w_SITTD12	0.10426481	0.6185443	6.56E-05	0.025367	-0.18901
16w_SITTD12	0.01985897	0.1092317	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.02508074	0.14074032	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.02408765	0.13474797	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.10960403	0.6507616	6.60E-05	0.025599	-0.2602
16w_SITTD12	0.07626549	0.44959384	6.26E-05	0.0148	0.1354
16w_SITTD12	0.02428571	0.13594308	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.02449474	0.1372044	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.01802108	0.0981417	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.02235306	0.12428127	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.09619596	0.5698561	6.50E-05	0.023448	-0.045608
16w_SITTD12	0.09618985	0.5698192	6.50E-05	0.023448	-0.045608
16w_SITTD12	0.02642724	0.14886524	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.050808	0.295981	5.78E-05	0.0061018	0.051138
16w_SITTD12	0.02309886	0.12878151	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.03602811	0.2067978	4.65E-05	0.0042637	-0.068307
16w_SITTD12	0.04794129	0.278683	5.64E-05	0.0055867	0.038361
16w_SITTD12	0.04922954	0.28645644	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.07588889	0.44732141	6.26E-05	0.0148	0.13453
16w_SITTD12	0.02740756	0.15478061	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.08965826	0.530407	6.44E-05	0.021137	0.059815
16w_SITTD12	0.08494924	0.50199234	6.38E-05	0.018923	0.10916
16w_SITTD12	0.03168722	0.18060446	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.09613437	0.5694845	6.50E-05	0.023448	-0.045608
16w_SITTD12	0.10914891	0.6480153	6.60E-05	0.025611	-0.25305
16w_SITTD12	0.04704396	0.27326846	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.06911925	0.40647277	6.17E-05	0.01192	0.11218
16w_SITTD12	0.02095215	0.11582809	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.00962124	0.04745629	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.02612826	0.14706121	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.00953845	0.04695672	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.03081113	0.17531808	4.11E-05	0.0040705	-0.10299

16w_SITTD12	0.06669439	0.39184096	6.13E-05	0.010826	0.10251
16w_SITTD12	0.04550107	0.2639585	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.04466977	0.25894234	5.42E-05	0.0050757	0.017239
16w_SITTD12	0.02190144	0.12155617	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.03728958	0.21440959	4.76E-05	0.0043355	-0.057524
16w_SITTD12	0.03801408	0.2187813	4.81E-05	0.0043756	-0.04622
16w_SITTD12	0.02382489	0.13316244	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.07852078	0.46320248	6.29E-05	0.015819	0.13651
16w_SITTD12	0.10503744	0.62320644	6.57E-05	0.025429	-0.19772
16w_SITTD12	0.0669453	0.39335495	6.14E-05	0.011039	0.10251
16w_SITTD12	0.07646019	0.45076868	6.27E-05	0.015053	0.1354
16w_SITTD12	0.07720426	0.45525843	6.28E-05	0.015307	0.13646
16w_SITTD12	0.02640637	0.14873937	3.76E-05	0.0041286	-0.099939
16w_SITTD12	0.00566213	0.0235667	3.18E-05	0.0082375	0.59807
16w_SITTD12	0.02829943	0.16016221	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.11514337	0.6841865	6.63E-05	0.025182	-0.32268
16w_SITTD12	0.0306189	0.1741581	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.01299953	0.06784122	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.0145816	0.07738758	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.02358218	0.13169794	3.58E-05	0.0042778	-0.073623
16w_SITTD12	0.0516148	0.3008493	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.01377041	0.0724928	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.08426998	0.49789366	6.37E-05	0.018667	0.1176
16w_SITTD12	0.04167206	0.24085388	5.19E-05	0.0047337	-0.011944
16w_SITTD12	0.08017775	0.4732008	6.32E-05	0.016594	0.13446
16w_SITTD12	0.01932278	0.10599629	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.05486202	0.3204433	5.94E-05	0.0071062	0.064127
16w_SITTD12	0.02798577	0.15826961	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.05150373	0.30017912	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.05600561	0.32734388	5.97E-05	0.0073934	0.067199
16w_SITTD12	0.03120471	0.17769295	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.01975493	0.1086039	3.40E-05	0.0046667	0.0032259
16w_SITTD12	0.08958019	0.52993596	6.43E-05	0.020902	0.059815
16w_SITTD12	0.07395009	0.43562248	6.23E-05	0.013805	0.13074
16w_SITTD12	0.05308703	0.30973285	5.89E-05	0.0067028	0.059084
16w_SITTD12	0.04436737	0.25711763	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.03263936	0.18634978	4.32E-05	0.0041142	-0.094772
16w_SITTD12	0.01546008	0.08268839	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.08683299	0.513359	6.40E-05	0.019681	0.093363
16w_SITTD12	0.10666485	0.63302636	6.58E-05	0.02556	-0.22263
16w_SITTD12	0.1210838	0.7200316	6.66E-05	0.02449	-0.37656
16w_SITTD12	0.0394017	0.22715433	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.10830271	0.64290935	6.59E-05	0.025614	-0.24573

16w_SITTD12	0.02607084	0.1467147	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.04133584	0.23882511	5.14E-05	0.0046741	-0.011944
16w_SITTD12	0.11852583	0.7045966	6.65E-05	0.024776	-0.35363
16w_SITTD12	0.07305551	0.43022448	6.23E-05	0.013561	0.12737
16w_SITTD12	0.08048066	0.47502854	6.32E-05	0.016854	0.13314
16w_SITTD12	0.02193593	0.12176428	3.49E-05	0.0044169	-0.046619
16w_SITTD12	0.11565213	0.6872564	6.63E-05	0.025182	-0.32814
16w_SITTD12	0.08773588	0.51880723	6.41E-05	0.020177	0.080939
16w_SITTD12	0.03553868	0.20384452	4.59E-05	0.0042319	-0.073417
16w_SITTD12	0.0822798	0.48588473	6.35E-05	0.017633	0.1271
16w_SITTD12	0.02815574	0.15929517	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.12009436	0.7140612	6.66E-05	0.024561	-0.36766
16w_SITTD12	0.01071061	0.05402966	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.02806125	0.15872501	3.88E-05	0.0040827	-0.10603
16w_SITTD12	0.06237198	0.36575916	6.07E-05	0.0092324	0.085432
16w_SITTD12	0.08819056	0.5215507	6.42E-05	0.020421	0.080939
16w_SITTD12	0.05636349	0.32950336	5.98E-05	0.0075425	0.068678
16w_SITTD12	0.04919253	0.28623313	5.73E-05	0.0058857	0.04392
16w_SITTD12	0.05905522	0.3457455	6.02E-05	0.0081753	0.075889
16w_SITTD12	0.04971255	0.28937098	5.76E-05	0.005992	0.046466
16w_SITTD12	0.09399147	0.556554	6.48E-05	0.022676	-0.0077738
16w_SITTD12	0.01851295	0.10110973	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.02830544	0.16019851	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.02840588	0.16080458	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.09133279	0.54051125	6.45E-05	0.021822	0.036126
16w_SITTD12	0.05810508	0.34001225	6.01E-05	0.0080116	0.073002
16w_SITTD12	0.01472432	0.07824875	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.05055098	0.2944301	5.78E-05	0.0061018	0.048868
16w_SITTD12	0.07494488	0.44162512	6.25E-05	0.014299	0.13218
16w_SITTD12	0.02376417	0.13279602	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.03660513	0.2102796	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.01597756	0.08581094	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.09329673	0.55236185	6.47E-05	0.022469	0.0013661
16w_SITTD12	0.09390488	0.55603147	6.48E-05	0.022676	-0.0077738
16w_SITTD12	0.10412842	0.61772126	6.56E-05	0.025367	-0.18011
16w_SITTD12	0.03457779	0.19804645	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.00535747	0.02172832	3.18E-05	0.0084677	0.59807
16w_SITTD12	0.02845215	0.16108379	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.01443149	0.07648178	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.02655528	0.14963788	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.04003736	0.23099	5.03E-05	0.0045634	-0.028892
16w_SITTD12	0.07252297	0.4270111	6.22E-05	0.01332	0.12548
16w_SITTD12	0.04544543	0.26362276	5.50E-05	0.0052335	0.021279

16w_SITTD12	0.10268649	0.60902053	6.55E-05	0.025127	-0.16182
16w_SITTD12	0.01409476	0.07444991	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.01235737	0.06396639	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.09069984	0.53669196	6.44E-05	0.021369	0.044278
16w_SITTD12	0.05506206	0.3216504	5.94E-05	0.0071062	0.064127
16w_SITTD12	0.11666315	0.693357	6.64E-05	0.025054	-0.33868
16w_SITTD12	0.09020157	0.5336854	6.44E-05	0.021369	0.05218
16w_SITTD12	0.01887182	0.10327517	3.38E-05	0.004741	0.03364
16w_SITTD12	0.00784283	0.03672523	3.19E-05	0.0073923	0.48652
16w_SITTD12	0.12252574	0.7287324	6.67E-05	0.024282	-0.38934
16w_SITTD12	0.01896812	0.10385623	3.38E-05	0.004741	0.03364
16w_SITTD12	0.03056186	0.17381395	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.03408498	0.19507277	4.43E-05	0.004153	-0.082901
16w_SITTD12	0.02388273	0.13351142	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.00964204	0.0475818	3.20E-05	0.0068348	0.4058
16w_SITTD12	0.11549203	0.6862904	6.63E-05	0.025182	-0.32814
16w_SITTD12	0.03385244	0.19366963	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.09708378	0.57521325	6.51E-05	0.023799	-0.065044
16w_SITTD12	0.03756463	0.2160693	4.81E-05	0.0043756	-0.05192
16w_SITTD12	0.02054167	0.11335118	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.00648111	0.02850846	3.18E-05	0.0078	0.54183
16w_SITTD12	0.03380325	0.19337282	4.43E-05	0.004153	-0.087207
16w_SITTD12	0.11665563	0.69331163	6.64E-05	0.025054	-0.33868
16w_SITTD12	0.02533328	0.14226422	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.01500303	0.07993052	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02616018	0.14725383	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.03090045	0.17585702	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.01658999	0.08950637	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.0424148	0.24533565	5.24E-05	0.0047963	-0.0013165
16w_SITTD12	0.06469058	0.3797498	6.11E-05	0.010206	0.093303
16w_SITTD12	0.01187426	0.06105125	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.09607098	0.569102	6.50E-05	0.023448	-0.045608
16w_SITTD12	0.02568914	0.1444115	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.015397	0.08230778	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.11183618	0.66423064	6.61E-05	0.025489	-0.28705
16w_SITTD12	0.01526858	0.08153287	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.03451886	0.19769084	4.48E-05	0.0041765	-0.082901
16w_SITTD12	0.01305649	0.06818494	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.01560945	0.0835897	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.08806873	0.5208157	6.42E-05	0.020421	0.080939
16w_SITTD12	0.01684269	0.09103121	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.01645935	0.0887181	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02438401	0.13653624	3.64E-05	0.0042065	-0.080664

16w_SITTD12	0.01356567	0.07125737	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.02486995	0.1394684	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.0861292	0.50911236	6.39E-05	0.01943	0.099025
16w_SITTD12	0.1181707	0.7024537	6.65E-05	0.024847	-0.35363
16w_SITTD12	0.10381721	0.6158434	6.56E-05	0.025296	-0.18011
16w_SITTD12	0.03329449	0.1903029	4.37E-05	0.0041322	-0.091175
16w_SITTD12	0.10830867	0.6429453	6.59E-05	0.025614	-0.24573
16w_SITTD12	0.12441932	0.74015844	6.67E-05	0.024092	-0.40152
16w_SITTD12	0.01731373	0.09387351	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.05100351	0.2971607	5.81E-05	0.006215	0.051138
16w_SITTD12	0.0814454	0.48084986	6.34E-05	0.017373	0.13148
16w_SITTD12	0.02411939	0.13493946	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.01480537	0.07873783	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.01840846	0.10047922	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.09195159	0.5442451	6.46E-05	0.022042	0.027741
16w_SITTD12	0.0160923	0.08650326	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.01185021	0.06090614	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.02106512	0.11650971	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.12007262	0.71393	6.65E-05	0.024632	-0.36766
16w_SITTD12	0.0919018	0.5439447	6.46E-05	0.022042	0.027741
16w_SITTD12	0.02349074	0.13114612	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.05985722	0.35058486	6.04E-05	0.0085136	0.077363
16w_SITTD12	0.02189356	0.12150861	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.00633316	0.02761575	3.18E-05	0.008015	0.56984
16w_SITTD12	0.04591711	0.2664689	5.54E-05	0.0053171	0.025099
16w_SITTD12	0.02205261	0.12246831	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.02797366	0.15819652	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.02987749	0.16968437	4.07E-05	0.0040668	-0.10597
16w_SITTD12	0.03097251	0.17629181	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.08605611	0.5086713	6.39E-05	0.01943	0.099025
16w_SITTD12	0.02556427	0.143658	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.05512461	0.32202783	5.94E-05	0.0071062	0.065685
16w_SITTD12	0.01832262	0.09996124	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.03173688	0.18090415	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.04786125	0.27820003	5.64E-05	0.0055867	0.035328
16w_SITTD12	0.02041527	0.11258847	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.08904661	0.5267163	6.42E-05	0.020663	0.067165
16w_SITTD12	0.02737856	0.15460561	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.10027135	0.5944474	6.53E-05	0.024687	-0.11403
16w_SITTD12	0.11676126	0.693949	6.64E-05	0.025054	-0.33868
16w_SITTD12	0.04064325	0.23464599	5.09E-05	0.0046173	-0.023154
16w_SITTD12	0.01832755	0.09999099	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.04005105	0.23107257	5.03E-05	0.0045634	-0.028892

16w_SITTD12	0.06309901	0.37014613	6.09E-05	0.0096122	0.087254
16w_SITTD12	0.0489323	0.28466284	5.70E-05	0.0057827	0.041222
16w_SITTD12	0.06184528	0.36258096	6.07E-05	0.0090475	0.083692
16w_SITTD12	0.09973734	0.5912251	6.53E-05	0.024558	-0.10426
16w_SITTD12	0.02217691	0.12321836	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.01927766	0.10572405	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.01958097	0.10755423	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.076624	0.4517571	6.27E-05	0.015053	0.13605
16w_SITTD12	0.03500737	0.20063858	4.54E-05	0.0042028	-0.078293
16w_SITTD12	0.01617699	0.0870143	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.05343891	0.31185615	5.89E-05	0.0067028	0.060836
16w_SITTD12	0.09819366	0.5819104	6.52E-05	0.024123	-0.084641
16w_SITTD12	0.04625875	0.2685304	5.54E-05	0.0053171	0.028707
16w_SITTD12	0.01955745	0.10741229	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.02539126	0.14261408	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.10892168	0.64664423	6.59E-05	0.025616	-0.25305
16w_SITTD12	0.1212206	0.7208571	6.66E-05	0.024419	-0.37656
16w_SITTD12	0.02700112	0.15232812	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.03200848	0.18254298	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.11541424	0.68582094	6.63E-05	0.025182	-0.32814
16w_SITTD12	0.07261147	0.42754516	6.22E-05	0.01332	0.12548
16w_SITTD12	0.06991625	0.4112819	6.18E-05	0.012147	0.11455
16w_SITTD12	0.13389137	0.7973137	6.71E-05	0.023546	-0.46255
16w_SITTD12	0.00662711	0.02938945	3.18E-05	0.0078	0.54183
16w_SITTD12	0.0156579	0.08388206	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.10180765	0.60371757	6.55E-05	0.025029	-0.14299
16w_SITTD12	0.00338856	0.00984773	3.18E-05	0.0092049	0.71249
16w_SITTD12	0.00834063	0.03972898	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.02650742	0.1493491	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.03186628	0.18168496	4.22E-05	0.0040866	-0.097962
16w_SITTD12	0.03810281	0.21931675	4.87E-05	0.0044183	-0.04622
16w_SITTD12	0.02273348	0.12657675	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01832694	0.09998732	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.01690332	0.09139703	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.09332456	0.55252975	6.47E-05	0.022469	0.0013661
16w_SITTD12	0.06863205	0.40353295	6.16E-05	0.011695	0.10977
16w_SITTD12	0.01625305	0.08747323	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.10633833	0.6310561	6.58E-05	0.02556	-0.21453
16w_SITTD12	0.08986008	0.5316248	6.44E-05	0.021137	0.059815
16w_SITTD12	0.12121326	0.72081274	6.66E-05	0.024419	-0.37656
16w_SITTD12	0.11353594	0.6744871	6.62E-05	0.025353	-0.30551
16w_SITTD12	0.01752093	0.09512379	3.33E-05	0.0049935	0.067421
16w_SITTD12	0.035019	0.20070872	4.54E-05	0.0042028	-0.078293

16w_SITTD12	0.02499779	0.1402398	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.04726171	0.2745824	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.02693145	0.1519077	3.80E-05	0.0041099	-0.10271
16w_SITTD12	0.01521505	0.08120988	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02151739	0.11923874	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.01501537	0.08000501	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.0148462	0.07898417	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.04620339	0.2681964	5.54E-05	0.0053171	0.025099
16w_SITTD12	0.01358437	0.07137018	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.03929861	0.22653231	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.01878894	0.10277502	3.38E-05	0.004741	0.03364
16w_SITTD12	0.01886268	0.10322001	3.38E-05	0.004741	0.03364
16w_SITTD12	0.10200453	0.60490555	6.55E-05	0.025029	-0.14299
16w_SITTD12	0.01376392	0.07245364	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.00724264	0.0331036	3.19E-05	0.0075925	0.51404
16w_SITTD12	0.02738337	0.15463464	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.02216886	0.12316982	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.08691605	0.5138603	6.41E-05	0.01993	0.093363
16w_SITTD12	0.05744012	0.33599988	5.99E-05	0.0076952	0.071569
16w_SITTD12	0.02219073	0.12330175	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.02951318	0.1674861	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.01463949	0.07773686	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.02636163	0.14846937	3.76E-05	0.0041286	-0.099939
16w_SITTD12	0.031944	0.1821539	4.22E-05	0.0040866	-0.097962
16w_SITTD12	0.08855394	0.5237434	6.42E-05	0.020663	0.074212
16w_SITTD12	0.11616185	0.6903321	6.63E-05	0.025119	-0.33347
16w_SITTD12	0.1136286	0.67504627	6.62E-05	0.025353	-0.31137
16w_SITTD12	0.02305281	0.12850362	3.55E-05	0.0043197	-0.065623
16w_SITTD12	0.03306268	0.18890414	4.32E-05	0.0041142	-0.091175
16w_SITTD12	0.02103923	0.11635348	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.03804983	0.21899706	4.81E-05	0.0043756	-0.04622
16w_SITTD12	0.03136618	0.1786673	4.16E-05	0.0040771	-0.10071
16w_SITTD12	0.07466489	0.43993565	6.25E-05	0.014299	0.13218
16w_SITTD12	0.10636465	0.6312149	6.58E-05	0.02556	-0.21453
16w_SITTD12	0.01229879	0.06361286	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.0413898	0.23915073	5.19E-05	0.0047337	-0.011944
16w_SITTD12	0.08513594	0.50311893	6.38E-05	0.018923	0.10916
16w_SITTD12	0.02482855	0.1392186	3.68E-05	0.0041768	-0.086782
16w_SITTD12	0.01195313	0.06152716	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.02245111	0.12487293	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.02284449	0.1272466	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.02253119	0.12535614	3.52E-05	0.0043661	-0.056631
16w_SITTD12	0.08619673	0.5095198	6.39E-05	0.01943	0.099025

16w_SITTD12	0.0704299	0.41438133	6.19E-05	0.012376	0.11689
16w_SITTD12	0.12301932	0.7317107	6.67E-05	0.024217	-0.39346
16w_SITTD12	0.0152465	0.08139962	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.0806779	0.4762187	6.32E-05	0.016854	0.13314
16w_SITTD12	0.01494954	0.07960776	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.08392847	0.49583298	6.37E-05	0.01841	0.1176
16w_SITTD12	0.00834771	0.03977168	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.09064856	0.53638256	6.44E-05	0.021369	0.044278
16w_SITTD12	0.06981105	0.41064715	6.18E-05	0.012147	0.11455
16w_SITTD12	0.05144978	0.29985356	5.83E-05	0.0063316	0.053285
16w_SITTD12	0.12301681	0.7316956	6.67E-05	0.024217	-0.39346
16w_SITTD12	0.05401375	0.31532478	5.91E-05	0.0068337	0.062513
16w_SITTD12	0.02643241	0.14889644	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.00619684	0.02679314	3.18E-05	0.008015	0.56984
16w_SITTD12	0.02761338	0.15602252	3.88E-05	0.0040827	-0.10472
16w_SITTD12	0.01801091	0.09808034	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.0308233	0.17539148	4.11E-05	0.0040705	-0.10299
16w_SITTD12	0.01516091	0.08088316	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.10959656	0.65071654	6.60E-05	0.025599	-0.2602
16w_SITTD12	0.01682086	0.09089946	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.02234837	0.12425297	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.08229655	0.48598582	6.35E-05	0.017633	0.1271
16w_SITTD12	0.05460705	0.31890482	5.92E-05	0.0069681	0.064127
16w_SITTD12	0.04216848	0.24384938	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.08115032	0.47906932	6.33E-05	0.017113	0.13148
16w_SITTD12	0.01379002	0.07261108	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.02215801	0.12310435	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.01315549	0.06878229	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.0131299	0.06862786	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.00993403	0.0493437	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.10358308	0.61443067	6.56E-05	0.025296	-0.17104
16w_SITTD12	0.02454846	0.13752854	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.10920124	0.6483311	6.60E-05	0.025611	-0.25305
16w_SITTD12	0.0285523	0.16168809	3.93E-05	0.004074	-0.10664
16w_SITTD12	0.01350886	0.07091457	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.08834609	0.52248925	6.42E-05	0.020421	0.074212
16w_SITTD12	0.11948032	0.71035606	6.65E-05	0.024704	-0.36308
16w_SITTD12	0.02552014	0.14339173	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.0819128	0.48367023	6.35E-05	0.017633	0.12948
16w_SITTD12	0.01349299	0.07081883	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.10469259	0.6211255	6.57E-05	0.025429	-0.18901
16w_SITTD12	0.02316556	0.12918398	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.08262122	0.48794487	6.35E-05	0.017892	0.1271

16w_SITTD12	0.01154245	0.05904909	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.02273457	0.12658337	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.09777799	0.5794022	6.51E-05	0.023964	-0.074831
16w_SITTD12	0.01016569	0.05074155	3.20E-05	0.0066628	0.37961
16w_SITTD12	0.10017144	0.5938445	6.53E-05	0.024687	-0.11403
16w_SITTD12	0.00361496	0.01121384	3.18E-05	0.0092049	0.71249
16w_SITTD12	0.07957625	0.46957123	6.31E-05	0.016335	0.13545
16w_SITTD12	0.0994489	0.58948463	6.53E-05	0.02442	-0.10426
16w_SITTD12	0.12107226	0.71996194	6.66E-05	0.02449	-0.37656
16w_SITTD12	0.13254379	0.78918225	6.71E-05	0.023568	-0.45613
16w_SITTD12	0.02668283	0.15040754	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.02336325	0.13037686	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.03301759	0.18863203	4.32E-05	0.0041142	-0.091175
16w_SITTD12	0.08009948	0.47272846	6.32E-05	0.016594	0.13446
16w_SITTD12	0.06020069	0.35265735	6.04E-05	0.0085136	0.07887
16w_SITTD12	0.02366265	0.13218348	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.09682977	0.5736806	6.51E-05	0.023799	-0.055297
16w_SITTD12	0.01805616	0.09835341	3.34E-05	0.0049043	0.050123
16w_SITTD12	0.07112108	0.418552	6.20E-05	0.012608	0.12136
16w_SITTD12	0.01887568	0.10329846	3.38E-05	0.004741	0.03364
16w_SITTD12	0.01283975	0.0668771	3.23E-05	0.0059016	0.25518
16w_SITTD12	0.01976729	0.10867852	3.40E-05	0.0046667	0.0032259
16w_SITTD12	0.01418139	0.07497264	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.01553466	0.08313845	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.10351047	0.6139925	6.56E-05	0.025296	-0.17104
16w_SITTD12	0.0467385	0.27142528	5.57E-05	0.0054037	0.028707
16w_SITTD12	0.02892603	0.16394317	3.97E-05	0.0040686	-0.10664
16w_SITTD12	0.08045427	0.4748693	6.32E-05	0.016854	0.13446
16w_SITTD12	0.03033152	0.17242406	4.11E-05	0.0040705	-0.10475
16w_SITTD12	0.03676378	0.21123688	4.70E-05	0.0042982	-0.062998
16w_SITTD12	0.04706016	0.27336618	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.08938191	0.5287395	6.43E-05	0.020902	0.059815
16w_SITTD12	0.02288277	0.12747759	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01395834	0.07362673	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.01788826	0.09734025	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.10232789	0.6068567	6.55E-05	0.025029	-0.15246
16w_SITTD12	0.01096366	0.0555566	3.21E-05	0.006339	0.32844
16w_SITTD12	0.04697068	0.2728263	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.05585507	0.3264355	5.97E-05	0.0073934	0.067199
16w_SITTD12	0.05549263	0.3242485	5.95E-05	0.007248	0.065685
16w_SITTD12	0.09583567	0.5676821	6.50E-05	0.023448	-0.035993
16w_SITTD12	0.10276198	0.60947603	6.55E-05	0.025127	-0.16182
16w_SITTD12	0.08167574	0.48223975	6.34E-05	0.017373	0.12948

16w_SITTD12	0.0921716	0.54557276	6.46E-05	0.022042	0.019141
16w_SITTD12	0.03010418	0.17105228	4.07E-05	0.0040668	-0.10597
16w_SITTD12	0.01182915	0.06077903	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.02122977	0.11750325	3.47E-05	0.0044724	-0.023601
16w_SITTD12	0.01311826	0.06855764	3.23E-05	0.0059016	0.23179
16w_SITTD12	0.05113615	0.2979611	5.81E-05	0.006215	0.051138
16w_SITTD12	0.08378114	0.49494395	6.37E-05	0.01841	0.12117
16w_SITTD12	0.07886347	0.46527028	6.30E-05	0.016077	0.13613
16w_SITTD12	0.06535275	0.3837453	6.12E-05	0.01041	0.095509
16w_SITTD12	0.01560519	0.08356404	3.28E-05	0.0052924	0.1442
16w_SITTD12	0.0139256	0.07342919	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.01463708	0.07772233	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.05656762	0.3307351	5.98E-05	0.0075425	0.068678
16w_SITTD12	0.03984522	0.22983058	5.03E-05	0.0045634	-0.028892
16w_SITTD12	0.0507325	0.29552546	5.78E-05	0.0061018	0.051138
16w_SITTD12	0.01190926	0.06126244	3.22E-05	0.0061869	0.30353
16w_SITTD12	0.02360316	0.1318245	3.58E-05	0.0042778	-0.073623
16w_SITTD12	0.02153562	0.11934874	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.04732206	0.2749465	5.61E-05	0.0054936	0.032113
16w_SITTD12	0.10839228	0.64344984	6.59E-05	0.025614	-0.24573
16w_SITTD12	0.08318494	0.4913464	6.36E-05	0.018151	0.12434
16w_SITTD12	0.05956769	0.34883782	6.03E-05	0.0083426	0.077363
16w_SITTD12	0.01668081	0.09005439	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.11302776	0.6714207	6.62E-05	0.025403	-0.29951
16w_SITTD12	0.04449603	0.25789398	5.42E-05	0.0050757	0.012967
16w_SITTD12	0.0282996	0.16016324	3.93E-05	0.004074	-0.10603
16w_SITTD12	0.05581654	0.326203	5.97E-05	0.0073934	0.067199
16w_SITTD12	0.04315967	0.24983028	5.33E-05	0.0049301	0.0036923
16w_SITTD12	0.09350381	0.5536114	6.48E-05	0.022676	0.0013661
16w_SITTD12	0.02917338	0.16543575	3.97E-05	0.0040686	-0.10661
16w_SITTD12	0.14578685	0.8690921	6.75E-05	0.02365	-0.51443
16w_SITTD12	0.10132486	0.6008043	6.54E-05	0.024923	-0.13341
16w_SITTD12	0.02588236	0.14557743	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.04281356	0.24774182	5.29E-05	0.0048617	-0.0013165
16w_SITTD12	0.02259786	0.12575844	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01837595	0.10028303	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.08349184	0.49319828	6.36E-05	0.018151	0.12117
16w_SITTD12	0.02405183	0.13453181	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.02560286	0.1438909	3.72E-05	0.0041509	-0.092011
16w_SITTD12	0.01201524	0.06190193	3.23E-05	0.0060411	0.2791
16w_SITTD12	0.03246182	0.18527848	4.27E-05	0.004099	-0.094772
16w_SITTD12	0.05994912	0.35113934	6.04E-05	0.0085136	0.077363
16w_SITTD12	0.01759041	0.09554303	3.34E-05	0.0049043	0.067421

16w_SITTD12	0.01904242	0.10430457	3.38E-05	0.004741	0.03364
16w_SITTD12	0.09116381	0.5394916	6.45E-05	0.021597	0.036126
16w_SITTD12	0.03119684	0.17764543	4.16E-05	0.0040771	-0.10299
16w_SITTD12	0.02173787	0.12056917	3.49E-05	0.0044169	-0.0356
16w_SITTD12	0.01337411	0.0701015	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.02344086	0.13084513	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.05028326	0.29281467	5.78E-05	0.0061018	0.048868
16w_SITTD12	0.03206816	0.18290313	4.27E-05	0.004099	-0.097962
16w_SITTD12	0.05069742	0.29531375	5.78E-05	0.0061018	0.051138
16w_SITTD12	0.10642379	0.63157177	6.58E-05	0.02556	-0.21453
16w_SITTD12	0.05040045	0.2935218	5.78E-05	0.0061018	0.048868
16w_SITTD12	0.02605638	0.14662744	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.09794951	0.5804371	6.52E-05	0.024123	-0.074831
16w_SITTD12	0.01747857	0.09486815	3.33E-05	0.0049935	0.085504
16w_SITTD12	0.05073279	0.2955272	5.78E-05	0.0061018	0.051138
16w_SITTD12	0.02740466	0.15476313	3.84E-05	0.0040947	-0.10271
16w_SITTD12	0.10648506	0.6319415	6.58E-05	0.02556	-0.22263
16w_SITTD12	0.02263743	0.1259972	3.55E-05	0.0043197	-0.056631
16w_SITTD12	0.01516763	0.0809237	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.02606557	0.14668289	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.02425928	0.13578355	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.10626598	0.6306195	6.58E-05	0.02556	-0.21453
16w_SITTD12	0.12089504	0.7188926	6.66E-05	0.02449	-0.37656
16w_SITTD12	0.01362442	0.07161185	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.08463278	0.5000828	6.38E-05	0.018923	0.1136
16w_SITTD12	0.01863932	0.10187221	3.36E-05	0.0048202	0.03364
16w_SITTD12	0.00289963	0.00689748	3.17E-05	0.0094663	0.74133
16w_SITTD12	0.03023031	0.17181334	4.07E-05	0.0040668	-0.10475
16w_SITTD12	0.02953638	0.16762611	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.0241065	0.13486172	3.61E-05	0.0042401	-0.073623
16w_SITTD12	0.10885241	0.6462263	6.59E-05	0.025616	-0.25305
16w_SITTD12	0.05416659	0.31624705	5.92E-05	0.0069681	0.062513
16w_SITTD12	0.02437489	0.13648118	3.64E-05	0.0042065	-0.080664
16w_SITTD12	0.02351606	0.13129893	3.58E-05	0.0042778	-0.065623
16w_SITTD12	0.11315236	0.67217255	6.62E-05	0.025403	-0.30551
16w_SITTD12	0.01761842	0.09571204	3.34E-05	0.0049043	0.067421
16w_SITTD12	0.02683677	0.1513364	3.80E-05	0.0041099	-0.099939
16w_SITTD12	0.01601036	0.08600884	3.30E-05	0.0051875	0.12392
16w_SITTD12	0.01915369	0.10497598	3.38E-05	0.004741	0.03364
16w_SITTD12	0.03927847	0.22641075	4.98E-05	0.0045122	-0.034672
16w_SITTD12	0.05631758	0.32922632	5.97E-05	0.0073934	0.068678
16w_SITTD12	0.02193721	0.12177201	3.49E-05	0.0044169	-0.046619
16w_SITTD12	0.01737291	0.09423058	3.33E-05	0.0049935	0.085504

16w_SITTD12	0.01435738	0.07603458	3.26E-05	0.0055188	0.18676
16w_SITTD12	0.02063721	0.11392772	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.13063529	0.77766615	6.70E-05	0.023618	-0.44263
16w_SITTD12	0.01953046	0.10724946	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.03304696	0.18880925	4.32E-05	0.0041142	-0.091175
16w_SITTD12	0.02913253	0.16518922	3.97E-05	0.0040686	-0.10661
16w_SITTD12	0.10789415	0.64044404	6.59E-05	0.025604	-0.23822
16w_SITTD12	0.11546713	0.6861401	6.63E-05	0.025182	-0.32814
16w_SITTD12	0.02614352	0.14715329	3.76E-05	0.0041286	-0.096385
16w_SITTD12	0.08583263	0.5073228	6.39E-05	0.01943	0.1043
16w_SITTD12	0.08500177	0.5023094	6.38E-05	0.018923	0.10916
16w_SITTD12	0.05283311	0.30820075	5.87E-05	0.0065755	0.057248
16w_SITTD12	0.06310317	0.3701712	6.09E-05	0.0096122	0.087254
16w_SITTD12	0.02075482	0.11463737	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.09644857	0.5713804	6.50E-05	0.023626	-0.045608
16w_SITTD12	0.01818816	0.09914992	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.01829551	0.09979767	3.36E-05	0.0048202	0.050123
16w_SITTD12	0.10492619	0.6225351	6.57E-05	0.025429	-0.19772
16w_SITTD12	0.10653475	0.6322413	6.58E-05	0.02556	-0.22263
16w_SITTD12	0.01343138	0.07044704	3.24E-05	0.0057681	0.23179
16w_SITTD12	0.07853673	0.46329868	6.30E-05	0.016077	0.13651
16w_SITTD12	0.01200756	0.06185561	3.22E-05	0.0061869	0.2791
16w_SITTD12	0.11550944	0.6863954	6.63E-05	0.025182	-0.32814
16w_SITTD12	0.02941994	0.1669235	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.02229086	0.12390596	3.52E-05	0.0043661	-0.046619
16w_SITTD12	0.00817321	0.03871878	3.19E-05	0.0071994	0.45929
16w_SITTD12	0.02002622	0.11024091	3.42E-05	0.0045972	0.0032259
16w_SITTD12	0.07347594	0.4327614	6.23E-05	0.013561	0.12913
16w_SITTD12	0.01520377	0.08114182	3.27E-05	0.0054028	0.16515
16w_SITTD12	0.01371314	0.07214718	3.25E-05	0.0056405	0.20898
16w_SITTD12	0.01956621	0.10746516	3.40E-05	0.0046667	0.017998
16w_SITTD12	0.04624433	0.2684434	5.54E-05	0.0053171	0.028707
16w_SITTD12	0.07892784	0.46565866	6.30E-05	0.016077	0.13613
16w_SITTD12	0.02067216	0.11413859	3.44E-05	0.0045325	-0.01065
16w_SITTD12	0.04229155	0.24459198	5.24E-05	0.0047963	-0.00654
16w_SITTD12	0.09991382	0.59229	6.53E-05	0.024558	-0.11403
16w_SITTD12	0.02930925	0.16625553	4.02E-05	0.0040662	-0.10661
16w_SITTD12	0.05222119	0.30450833	5.85E-05	0.0064518	0.055318
16w_SITTD12	0.0485839	0.28256062	5.67E-05	0.0056831	0.041222
16w_SITTD12	0.04565468	0.26488543	5.50E-05	0.0052335	0.021279
16w_SITTD12	0.05999336	0.35140634	6.04E-05	0.0085136	0.077363
16w_SITTD12	0.02748628	0.15525562	3.84E-05	0.0040947	-0.10472
16w_SITTD12	0.02553319	0.14347048	3.72E-05	0.0041509	-0.092011

16w_SITTD12	0.0708333	0.41681546	6.20E-05	0.012608	0.11916
16w_SITTD12	0.00902836	0.04387881	3.19E-05	0.0070136	0.43237
16w_SITTD12	0.03151566	0.17956927	4.22E-05	0.0040866	-0.10071
16w_SITTD12	0.02856395	0.1617584	3.93E-05	0.004074	-0.10664
16w_SITTD12	0.0166074	0.08961145	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.01875979	0.10259914	3.38E-05	0.004741	0.03364
16w_SITTD12	0.01660525	0.08959848	3.31E-05	0.0050879	0.10435
16w_SITTD12	0.07455303	0.43926066	6.24E-05	0.014051	0.13218
16w_SITTD12	0.01066984	0.05378365	3.21E-05	0.0064976	0.35381
16w_SITTD12	0.05317809	0.31028235	5.89E-05	0.0067028	0.059084
16w_SITTD12	0.11191449	0.66470313	6.61E-05	0.025489	-0.28705
16w_SITTD12	0.07185119	0.4229575	6.20E-05	0.012843	0.12348
16w_SITTD12	0.03856562	0.22210935	4.87E-05	0.0044183	-0.040459
16w_SITTE12	0.02152364	0.11927649	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01225484	0.06334771	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.01780622	0.0968452	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.12262504	0.72933155	6.67E-05	0.024282	-0.38934
16w_SITTE12	0.01942711	0.10662586	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.01760976	0.09565977	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.09680305	0.5735193	6.50E-05	0.023626	-0.055297
16w_SITTE12	0.08482605	0.501249	6.38E-05	0.018923	0.1136
16w_SITTE12	0.0979913	0.5806894	6.52E-05	0.024123	-0.074831
16w_SITTE12	0.01876596	0.1026364	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01730835	0.09384105	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.05001972	0.29122442	5.76E-05	0.005992	0.046466
16w_SITTE12	0.02154356	0.1193967	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.1409098	0.83966357	6.74E-05	0.023566	-0.4978
16w_SITTE12	0.02445718	0.13697776	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.10786594	0.6402738	6.59E-05	0.025604	-0.23822
16w_SITTE12	0.00894095	0.04335139	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.10240544	0.60732466	6.55E-05	0.025127	-0.15246
16w_SITTE12	0.0190435	0.10431106	3.38E-05	0.004741	0.03364
16w_SITTE12	0.0259979	0.1462746	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.02194973	0.12184756	3.49E-05	0.0044169	-0.046619
16w_SITTE12	0.14591005	0.8698355	6.75E-05	0.02365	-0.51443
16w_SITTE12	0.03330264	0.19035204	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.07229666	0.42564553	6.21E-05	0.01308	0.12548
16w_SITTE12	0.01749885	0.09499054	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02809485	0.15892781	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.04102343	0.23694003	5.14E-05	0.0046741	-0.017493
16w_SITTE12	0.00796709	0.03747499	3.19E-05	0.0073923	0.48652
16w_SITTE12	0.01469	0.07804167	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01274735	0.06631956	3.23E-05	0.0059016	0.25518

16w_SITTE12	0.09027104	0.5341046	6.44E-05	0.021369	0.05218
16w_SITTE12	0.04609211	0.26752493	5.54E-05	0.0053171	0.025099
16w_SITTE12	0.01890356	0.10346667	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01739286	0.09435098	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02294512	0.12785381	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.01516947	0.08093482	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.0225916	0.12572068	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.01541875	0.08243901	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.0798588	0.47127616	6.32E-05	0.016594	0.13545
16w_SITTE12	0.03582268	0.20555823	4.59E-05	0.0042319	-0.068307
16w_SITTE12	0.07167389	0.42188767	6.20E-05	0.012843	0.12348
16w_SITTE12	0.08702351	0.51450866	6.41E-05	0.01993	0.093363
16w_SITTE12	0.02752281	0.15547602	3.84E-05	0.0040947	-0.10472
16w_SITTE12	0.05370199	0.3134436	5.91E-05	0.0068337	0.060836
16w_SITTE12	0.01546748	0.08273303	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.01609669	0.08652976	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02462342	0.13798085	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02421438	0.13551265	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.07858827	0.4636097	6.30E-05	0.016077	0.13651
16w_SITTE12	0.07183704	0.42287216	6.20E-05	0.012843	0.12348
16w_SITTE12	0.03214004	0.1833368	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.01970237	0.10828674	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.03719942	0.2138656	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.02424686	0.13570867	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.11399353	0.67724824	6.62E-05	0.025353	-0.31137
16w_SITTE12	0.01495177	0.07962121	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.06147919	0.36037195	6.07E-05	0.0090475	0.082025
16w_SITTE12	0.01264015	0.0656727	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.01102505	0.05592705	3.21E-05	0.006339	0.32844
16w_SITTE12	0.0190633	0.10443056	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01966898	0.10808527	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.04079718	0.2355748	5.09E-05	0.0046173	-0.017493
16w_SITTE12	0.01506353	0.08029559	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.03173764	0.1809087	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.03646619	0.20944123	4.70E-05	0.0042982	-0.062998
16w_SITTE12	0.05902146	0.3455418	6.02E-05	0.0081753	0.075889
16w_SITTE12	0.11773026	0.699796	6.64E-05	0.024917	-0.34876
16w_SITTE12	0.07225204	0.42537633	6.21E-05	0.01308	0.12548
16w_SITTE12	0.13080579	0.778695	6.70E-05	0.023618	-0.44608
16w_SITTE12	0.02399501	0.13418896	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.03888612	0.22404331	4.92E-05	0.0044639	-0.040459
16w_SITTE12	0.08310062	0.49083766	6.36E-05	0.018151	0.12434
16w_SITTE12	0.03331035	0.19039856	4.37E-05	0.0041322	-0.091175

16w_SITTE12	0.13853522	0.825335	6.73E-05	0.023538	-0.48824
16w_SITTE12	0.02452829	0.13740684	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.11876112	0.7060163	6.65E-05	0.024776	-0.3584
16w_SITTE12	0.08978849	0.53119284	6.44E-05	0.021137	0.059815
16w_SITTE12	0.02700077	0.15232597	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.03710425	0.2132913	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.03336771	0.19074471	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.02878845	0.16311301	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.0603265	0.35341653	6.05E-05	0.008688	0.07887
16w_SITTE12	0.10066343	0.5968132	6.53E-05	0.024687	-0.12375
16w_SITTE12	0.08096788	0.47796848	6.33E-05	0.017113	0.13314
16w_SITTE12	0.01922477	0.10540485	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.01388333	0.07317416	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.01358058	0.07134734	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.01206106	0.0621784	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.02013893	0.110921	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.05807958	0.3398584	6.01E-05	0.0080116	0.073002
16w_SITTE12	0.01974987	0.10857339	3.40E-05	0.0046667	0.0032259
16w_SITTE12	0.04571779	0.26526624	5.50E-05	0.0052335	0.025099
16w_SITTE12	0.03387187	0.19378686	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.02081766	0.11501652	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.11547369	0.6861797	6.63E-05	0.025182	-0.32814
16w_SITTE12	0.00651987	0.02874238	3.18E-05	0.0078	0.54183
16w_SITTE12	0.11905122	0.70776683	6.65E-05	0.024704	-0.3584
16w_SITTE12	0.01958004	0.10754863	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.10332594	0.61287904	6.56E-05	0.025216	-0.17104
16w_SITTE12	0.02041899	0.11261093	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.01488419	0.07921345	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01163852	0.05962873	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.01497213	0.07974407	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.09631454	0.5705716	6.50E-05	0.023626	-0.045608
16w_SITTE12	0.07326255	0.43147382	6.23E-05	0.013561	0.12737
16w_SITTE12	0.01976354	0.10865586	3.40E-05	0.0046667	0.0032259
16w_SITTE12	0.0465228	0.2701237	5.57E-05	0.0054037	0.028707
16w_SITTE12	0.00956566	0.04712094	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.01290984	0.06730003	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.02158586	0.11965191	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.12846142	0.76454884	6.69E-05	0.023723	-0.4283
16w_SITTE12	0.02655608	0.14964268	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.04858896	0.28259113	5.67E-05	0.0056831	0.041222
16w_SITTE12	0.09244238	0.54720664	6.46E-05	0.022258	0.019141
16w_SITTE12	0.09283534	0.5495778	6.46E-05	0.022258	0.010343
16w_SITTE12	0.03537144	0.20283538	4.59E-05	0.0042319	-0.073417

16w_SITTE12	0.04254624	0.24612881	5.29E-05	0.0048617	-0.0013165
16w_SITTE12	0.01951685	0.10716732	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.0211451	0.11699233	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.01899131	0.10399618	3.38E-05	0.004741	0.03364
16w_SITTE12	0.07972817	0.47048798	6.32E-05	0.016594	0.13545
16w_SITTE12	0.08874339	0.5248866	6.42E-05	0.020663	0.074212
16w_SITTE12	0.11292328	0.67079026	6.62E-05	0.025403	-0.29951
16w_SITTE12	0.08355795	0.4935972	6.37E-05	0.01841	0.12117
16w_SITTE12	0.02315562	0.12912399	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.12667422	0.7537647	6.68E-05	0.023879	-0.41707
16w_SITTE12	0.05076396	0.29571527	5.78E-05	0.0061018	0.051138
16w_SITTE12	0.02874114	0.16282755	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.01475596	0.07843969	3.26E-05	0.0055188	0.16515
16w_SITTE12	0.05904682	0.34569478	6.02E-05	0.0081753	0.075889
16w_SITTE12	0.02756379	0.15572333	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.01955136	0.10737556	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.02096375	0.11589804	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.09096997	0.538322	6.45E-05	0.021597	0.044278
16w_SITTE12	0.03363861	0.19237936	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.13726382	0.8176633	6.73E-05	0.023528	-0.48029
16w_SITTE12	0.0845909	0.49983016	6.37E-05	0.018667	0.1136
16w_SITTE12	0.02189733	0.12153135	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.02610188	0.146902	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.06608532	0.3881657	6.13E-05	0.010616	0.097788
16w_SITTE12	0.09590794	0.56811816	6.50E-05	0.023448	-0.035993
16w_SITTE12	0.05255853	0.30654386	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.08341	0.49270448	6.36E-05	0.018151	0.12117
16w_SITTE12	0.0156301	0.08371433	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.01992216	0.10961299	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.01640626	0.08839776	3.30E-05	0.0051875	0.10435
16w_SITTE12	0.07130662	0.41967157	6.20E-05	0.012608	0.12136
16w_SITTE12	0.01951168	0.10713615	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.04184707	0.24190994	5.19E-05	0.0047337	-0.00654
16w_SITTE12	0.09312543	0.5513282	6.47E-05	0.022469	0.010343
16w_SITTE12	0.01138448	0.05809587	3.21E-05	0.006339	0.32844
16w_SITTE12	0.03851171	0.22178407	4.87E-05	0.0044183	-0.040459
16w_SITTE12	0.01402487	0.07402819	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.06732691	0.39565763	6.14E-05	0.011039	0.10492
16w_SITTE12	0.0443902	0.25725543	5.42E-05	0.0050757	0.012967
16w_SITTE12	0.04861159	0.2827277	5.70E-05	0.0057827	0.041222
16w_SITTE12	0.02034785	0.11218163	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.02369143	0.1323571	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.06354719	0.37285045	6.09E-05	0.0096122	0.089169

16w_SITTE12	0.02465243	0.13815589	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.04361085	0.25255275	5.38E-05	0.0050014	0.008455
16w_SITTE12	0.0235442	0.13146876	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.07358757	0.433435	6.23E-05	0.013805	0.12913
16w_SITTE12	0.01350867	0.07091343	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.01534511	0.08199464	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.02881462	0.16327095	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.0339056	0.19399035	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.13501608	0.8041003	6.72E-05	0.023533	-0.46872
16w_SITTE12	0.02037167	0.11232539	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.142444	0.848921	6.74E-05	0.023593	-0.50412
16w_SITTE12	0.03162258	0.18021443	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.04378146	0.25358224	5.38E-05	0.0050014	0.008455
16w_SITTE12	0.01812981	0.09879779	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.0165477	0.08925123	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.03769261	0.21684155	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.03665284	0.2105675	4.70E-05	0.0042982	-0.062998
16w_SITTE12	0.08251142	0.48728234	6.35E-05	0.017892	0.1271
16w_SITTE12	0.06416138	0.37655652	6.10E-05	0.010005	0.091185
16w_SITTE12	0.0324792	0.18538335	4.27E-05	0.004099	-0.094772
16w_SITTE12	0.0244903	0.13717757	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02716318	0.15330596	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.07242643	0.4264286	6.22E-05	0.01332	0.12548
16w_SITTE12	0.01268383	0.06593622	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.02714429	0.15319201	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.07096481	0.41760907	6.20E-05	0.012608	0.11916
16w_SITTE12	0.01742408	0.09453937	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.0173993	0.09438983	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02259888	0.1257646	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.01512334	0.08065647	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.02554107	0.14351802	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.13271418	0.7902104	6.71E-05	0.023568	-0.45613
16w_SITTE12	0.05951502	0.34851998	6.03E-05	0.0083426	0.077363
16w_SITTE12	0.01936303	0.10623916	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.11576175	0.6879179	6.63E-05	0.025119	-0.32814
16w_SITTE12	0.01313486	0.06865783	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.01428179	0.07557851	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01440498	0.07632182	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.07553567	0.44519004	6.26E-05	0.014549	0.13453
16w_SITTE12	0.01511902	0.08063039	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01309042	0.06838968	3.23E-05	0.0059016	0.23179
16w_SITTE12	0.14590742	0.8698196	6.75E-05	0.02365	-0.51443
16w_SITTE12	0.04761081	0.2766889	5.64E-05	0.0055867	0.035328

16w_SITTE12	0.09981159	0.59167314	6.53E-05	0.024558	-0.11403
16w_SITTE12	0.07904995	0.4663955	6.30E-05	0.016077	0.13613
16w_SITTE12	0.03736212	0.21484734	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.12172992	0.72393036	6.66E-05	0.024419	-0.38089
16w_SITTE12	0.10795394	0.64080477	6.59E-05	0.025614	-0.23822
16w_SITTE12	0.01873753	0.10246486	3.38E-05	0.004741	0.03364
16w_SITTE12	0.03588268	0.20592028	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.05361323	0.31290802	5.91E-05	0.0068337	0.060836
16w_SITTE12	0.07585668	0.447127	6.26E-05	0.0148	0.13453
16w_SITTE12	0.02239602	0.12454047	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.10767549	0.63912463	6.59E-05	0.025604	-0.23822
16w_SITTE12	0.01560949	0.08358995	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.01586096	0.08510735	3.28E-05	0.0052924	0.12392
16w_SITTE12	0.01453978	0.07713524	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01095877	0.05552711	3.21E-05	0.006339	0.32844
16w_SITTE12	0.07486426	0.44113868	6.25E-05	0.014299	0.13218
16w_SITTE12	0.02357453	0.13165171	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.09537869	0.5649246	6.49E-05	0.023263	-0.026471
16w_SITTE12	0.03258157	0.18600108	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.0567177	0.33164066	5.98E-05	0.0075425	0.068678
16w_SITTE12	0.09744935	0.57741916	6.51E-05	0.023964	-0.065044
16w_SITTE12	0.07285161	0.42899418	6.22E-05	0.01332	0.12737
16w_SITTE12	0.02360473	0.13183397	3.58E-05	0.0042778	-0.073623
16w_SITTE12	0.05223796	0.3046095	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.01112358	0.05652155	3.21E-05	0.006339	0.32844
16w_SITTE12	0.01561823	0.08364268	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.02685963	0.15147433	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.02418677	0.13534603	3.61E-05	0.0042401	-0.080664
16w_SITTE12	0.0301457	0.17130278	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.01538751	0.08225053	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.0440339	0.2551055	5.38E-05	0.0050014	0.012967
16w_SITTE12	0.10549922	0.6259928	6.57E-05	0.025482	-0.20623
16w_SITTE12	0.12102708	0.71968937	6.66E-05	0.02449	-0.37656
16w_SITTE12	0.01407354	0.07432189	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.0439258	0.25445318	5.38E-05	0.0050014	0.008455
16w_SITTE12	0.12588908	0.7490271	6.68E-05	0.023927	-0.41325
16w_SITTE12	0.06606039	0.38801533	6.13E-05	0.010616	0.097788
16w_SITTE12	0.02311121	0.12885603	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.01868447	0.10214467	3.38E-05	0.004741	0.03364
16w_SITTE12	0.07377274	0.43455237	6.23E-05	0.013805	0.12913
16w_SITTE12	0.05026565	0.29270843	5.78E-05	0.0061018	0.048868
16w_SITTE12	0.04017759	0.23183616	5.03E-05	0.0045634	-0.023154
16w_SITTE12	0.04867261	0.28309587	5.70E-05	0.0057827	0.041222

16w_SITTE12	0.01659404	0.08953082	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.02284178	0.12723026	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.06697101	0.3935101	6.14E-05	0.011039	0.10251
16w_SITTE12	0.08984453	0.5315309	6.44E-05	0.021137	0.059815
16w_SITTE12	0.04634322	0.26904014	5.54E-05	0.0053171	0.028707
16w_SITTE12	0.014898	0.07929678	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.00934834	0.04580957	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.04930325	0.28690124	5.73E-05	0.0058857	0.04392
16w_SITTE12	0.0216745	0.12018676	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.05047258	0.29395708	5.78E-05	0.0061018	0.048868
16w_SITTE12	0.11866451	0.70543337	6.65E-05	0.024776	-0.3584
16w_SITTE12	0.07169218	0.42199808	6.20E-05	0.012843	0.12348
16w_SITTE12	0.04409647	0.25548306	5.38E-05	0.0050014	0.012967
16w_SITTE12	0.01127051	0.05740813	3.21E-05	0.006339	0.32844
16w_SITTE12	0.03492714	0.20015442	4.54E-05	0.0042028	-0.078293
16w_SITTE12	0.06741777	0.39620587	6.14E-05	0.011039	0.10492
16w_SITTE12	0.02547417	0.14311434	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.06846552	0.4025281	6.16E-05	0.011474	0.10977
16w_SITTE12	0.04950274	0.28810498	5.73E-05	0.0058857	0.04392
16w_SITTE12	0.10443849	0.6195923	6.56E-05	0.025367	-0.18901
16w_SITTE12	0.02327669	0.12985459	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.02489753	0.13963485	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.10877296	0.6457469	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.04647313	0.26982403	5.57E-05	0.0054037	0.028707
16w_SITTE12	0.02022873	0.11146285	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.16692804	0.99665993	6.80E-05	0.02363	-0.52148
16w_SITTE12	0.10603699	0.6292378	6.58E-05	0.025526	-0.21453
16w_SITTE12	0.00722322	0.03298646	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.02455394	0.13756162	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.03068363	0.17454873	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.04815577	0.27997723	5.67E-05	0.0056831	0.038361
16w_SITTE12	0.01532415	0.08186817	3.27E-05	0.0054028	0.1442
16w_SITTE12	0.07485665	0.44109273	6.25E-05	0.014299	0.13218
16w_SITTE12	0.02092353	0.11565534	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.08011896	0.47284603	6.32E-05	0.016594	0.13446
16w_SITTE12	0.02473711	0.13866684	3.64E-05	0.0042065	-0.086782
16w_SITTE12	0.05892142	0.34493816	6.02E-05	0.0081753	0.074438
16w_SITTE12	0.03001906	0.17053863	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.06472988	0.3799869	6.11E-05	0.010206	0.093303
16w_SITTE12	0.08728022	0.5160577	6.41E-05	0.01993	0.087329
16w_SITTE12	0.01845856	0.10078152	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.02289583	0.12755638	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02578485	0.14498898	3.72E-05	0.0041509	-0.092011

16w_SITTE12	0.02505839	0.14060552	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.12528692	0.74539363	6.68E-05	0.023978	-0.40938
16w_SITTE12	0.13664544	0.81393194	6.72E-05	0.023527	-0.4775
16w_SITTE12	0.10085185	0.59795016	6.54E-05	0.024809	-0.12375
16w_SITTE12	0.06779324	0.3984715	6.15E-05	0.011255	0.10734
16w_SITTE12	0.09214594	0.54541785	6.46E-05	0.022042	0.019141
16w_SITTE12	0.02128043	0.11780892	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.07865442	0.46400884	6.30E-05	0.016077	0.13651
16w_SITTE12	0.0599347	0.35105234	6.04E-05	0.0085136	0.077363
16w_SITTE12	0.02668924	0.15044619	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.12213056	0.72634786	6.66E-05	0.02435	-0.38515
16w_SITTE12	0.06002997	0.35162726	6.04E-05	0.0085136	0.077363
16w_SITTE12	0.0360819	0.20712237	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.10879591	0.64588535	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.04404495	0.25517213	5.38E-05	0.0050014	0.012967
16w_SITTE12	0.02185932	0.12130198	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.03685242	0.21177179	4.70E-05	0.0042982	-0.057524
16w_SITTE12	0.0243355	0.13624352	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.0113056	0.0576199	3.21E-05	0.006339	0.32844
16w_SITTE12	0.07527714	0.44363004	6.26E-05	0.014549	0.13345
16w_SITTE12	0.1242132	0.7389147	6.67E-05	0.024092	-0.40152
16w_SITTE12	0.02024599	0.111567	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02503021	0.14043547	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.10542043	0.6255174	6.57E-05	0.025482	-0.20623
16w_SITTE12	0.08288628	0.48954427	6.35E-05	0.017892	0.12434
16w_SITTE12	0.05216764	0.3041852	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.05174053	0.301608	5.83E-05	0.0063316	0.053285
16w_SITTE12	0.03156204	0.17984912	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.01640661	0.08839984	3.30E-05	0.0051875	0.10435
16w_SITTE12	0.0977158	0.57902694	6.51E-05	0.023964	-0.074831
16w_SITTE12	0.02291867	0.12769422	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.0163378	0.08798464	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.0476712	0.27705324	5.64E-05	0.0055867	0.035328
16w_SITTE12	0.0182532	0.09954235	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.02403362	0.13442196	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.01206049	0.06217495	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.08708173	0.51486	6.41E-05	0.01993	0.093363
16w_SITTE12	0.01646782	0.08876921	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.04657872	0.27046117	5.57E-05	0.0054037	0.028707
16w_SITTE12	0.07352849	0.43307853	6.23E-05	0.013561	0.12913
16w_SITTE12	0.0096813	0.04781873	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.07468458	0.44005448	6.25E-05	0.014299	0.13218
16w_SITTE12	0.02946759	0.16721103	4.02E-05	0.0040662	-0.10661

16w_SITTE12	0.01311294	0.06852554	3.23E-05	0.0059016	0.23179
16w_SITTE12	0.01757066	0.09542385	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02104007	0.11635856	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.10205413	0.6052048	6.55E-05	0.025029	-0.15246
16w_SITTE12	0.02776353	0.15692852	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.04488117	0.260218	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.05981984	0.3503593	6.04E-05	0.0085136	0.077363
16w_SITTE12	0.09035996	0.5346411	6.44E-05	0.021369	0.05218
16w_SITTE12	0.01871866	0.10235098	3.38E-05	0.004741	0.03364
16w_SITTE12	0.02648723	0.14922722	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.0541894	0.31638467	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.01498653	0.07983095	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.06110055	0.35808724	6.06E-05	0.008866	0.080421
16w_SITTE12	0.01612246	0.08668523	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.07767244	0.4580835	6.29E-05	0.015562	0.13646
16w_SITTE12	0.07754756	0.45732996	6.29E-05	0.015562	0.13646
16w_SITTE12	0.05427133	0.31687903	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.0522785	0.30485418	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.02489284	0.13960654	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.02809924	0.15895425	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.03970039	0.22895665	4.98E-05	0.0045122	-0.028892
16w_SITTE12	0.02533344	0.14226517	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.02406124	0.13458857	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.10242511	0.60744333	6.55E-05	0.025127	-0.15246
16w_SITTE12	0.03797367	0.21853746	4.81E-05	0.0043756	-0.04622
16w_SITTE12	0.11341412	0.673752	6.62E-05	0.025403	-0.30551
16w_SITTE12	0.02575024	0.14478017	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.03718193	0.21376005	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.01888986	0.10338401	3.38E-05	0.004741	0.03364
16w_SITTE12	0.08800256	0.5204163	6.42E-05	0.020421	0.080939
16w_SITTE12	0.09127977	0.54019135	6.45E-05	0.021822	0.036126
16w_SITTE12	0.01784496	0.09707898	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.08061316	0.47582805	6.32E-05	0.016854	0.13314
16w_SITTE12	0.11091082	0.6586469	6.61E-05	0.025556	-0.28058
16w_SITTE12	0.06557058	0.38505974	6.12E-05	0.01041	0.097788
16w_SITTE12	0.10016535	0.59380776	6.53E-05	0.024687	-0.11403
16w_SITTE12	0.01959494	0.10763855	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.08462835	0.5000561	6.38E-05	0.018923	0.1136
16w_SITTE12	0.0860957	0.5089102	6.39E-05	0.01943	0.099025
16w_SITTE12	0.07494336	0.44161594	6.25E-05	0.014299	0.13218
16w_SITTE12	0.01402877	0.07405174	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.04572328	0.26529935	5.50E-05	0.0052335	0.025099
16w_SITTE12	0.08096003	0.4779211	6.33E-05	0.017113	0.13314

16w_SITTE12	0.01856215	0.10140658	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.12139712	0.72192216	6.66E-05	0.024419	-0.38089
16w_SITTE12	0.08866035	0.5243855	6.42E-05	0.020663	0.074212
16w_SITTE12	0.00993578	0.04935426	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.07040244	0.41421562	6.19E-05	0.012376	0.11689
16w_SITTE12	0.04498088	0.26081964	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.03097929	0.17633274	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.00513083	0.02036079	3.18E-05	0.0084677	0.62647
16w_SITTE12	0.1315782	0.78335583	6.70E-05	0.023599	-0.44949
16w_SITTE12	0.12226961	0.72718686	6.66E-05	0.02435	-0.38515
16w_SITTE12	0.11321872	0.672573	6.62E-05	0.025403	-0.30551
16w_SITTE12	0.02779881	0.15714142	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.10749109	0.63801193	6.59E-05	0.025604	-0.23052
16w_SITTE12	0.03164224	0.18033306	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.02255143	0.12547827	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02656908	0.14972115	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.12433705	0.739662	6.67E-05	0.024092	-0.40152
16w_SITTE12	0.02105296	0.11643639	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.03020714	0.17167355	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.01380679	0.07271227	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.07525522	0.44349778	6.26E-05	0.014549	0.13345
16w_SITTE12	0.14515159	0.8652588	6.75E-05	0.023641	-0.51294
16w_SITTE12	0.07764125	0.45789528	6.29E-05	0.015562	0.13646
16w_SITTE12	0.02083893	0.11514487	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.02068949	0.11424314	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.02645282	0.1490196	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.08683586	0.5133764	6.40E-05	0.019681	0.093363
16w_SITTE12	0.12073769	0.7179432	6.66E-05	0.02449	-0.37215
16w_SITTE12	0.05293782	0.3088326	5.87E-05	0.0065755	0.059084
16w_SITTE12	0.03815778	0.21964845	4.87E-05	0.0044183	-0.04622
16w_SITTE12	0.07599653	0.44797087	6.26E-05	0.0148	0.13453
16w_SITTE12	0.05353658	0.31244555	5.89E-05	0.0067028	0.060836
16w_SITTE12	0.08151355	0.48126113	6.34E-05	0.017373	0.13148
16w_SITTE12	0.01048658	0.05267782	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.01729573	0.09376488	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.01965282	0.10798778	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.10348164	0.6138186	6.56E-05	0.025296	-0.17104
16w_SITTE12	0.08378204	0.49494937	6.37E-05	0.01841	0.12117
16w_SITTE12	0.02129708	0.11790939	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.05537359	0.3235302	5.95E-05	0.007248	0.065685
16w_SITTE12	0.02436565	0.13642547	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02742491	0.15488532	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.05050157	0.29413196	5.78E-05	0.0061018	0.048868

16w_SITTE12	0.01998834	0.11001235	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02279771	0.12696433	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.05231788	0.30509174	5.85E-05	0.0064518	0.057248
16w_SITTE12	0.1308266	0.7788206	6.70E-05	0.023618	-0.44608
16w_SITTE12	0.04610061	0.26757616	5.54E-05	0.0053171	0.025099
16w_SITTE12	0.02232632	0.12411996	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.00432689	0.01550969	3.18E-05	0.0087056	0.65503
16w_SITTE12	0.13979831	0.8329567	6.73E-05	0.023551	-0.49317
16w_SITTE12	0.02008864	0.11061759	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02184677	0.1212263	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.02378493	0.13292132	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.07723321	0.45543313	6.28E-05	0.015307	0.13646
16w_SITTE12	0.05213669	0.30399844	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.01772078	0.0963297	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02290379	0.12760441	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.04972909	0.2894708	5.76E-05	0.005992	0.046466
16w_SITTE12	0.07776731	0.45865592	6.29E-05	0.015562	0.13662
16w_SITTE12	0.01405253	0.07419512	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.01893014	0.10362708	3.38E-05	0.004741	0.03364
16w_SITTE12	0.05462573	0.31901753	5.92E-05	0.0069681	0.064127
16w_SITTE12	0.0243326	0.13622601	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.07808826	0.4605926	6.29E-05	0.015819	0.13662
16w_SITTE12	0.08796474	0.52018815	6.42E-05	0.020421	0.080939
16w_SITTE12	0.03121378	0.17774767	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.03434852	0.196663	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.13341951	0.79446644	6.71E-05	0.023546	-0.45937
16w_SITTE12	0.01382905	0.07284659	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.01697888	0.09185298	3.31E-05	0.0050879	0.085504
16w_SITTE12	0.09433111	0.5586034	6.48E-05	0.022877	-0.017059
16w_SITTE12	0.06685557	0.39281353	6.13E-05	0.010826	0.10251
16w_SITTE12	0.11388108	0.67656976	6.62E-05	0.025353	-0.31137
16w_SITTE12	0.0942136	0.55789435	6.48E-05	0.022877	-0.0077738
16w_SITTE12	0.02278711	0.12690036	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.07580338	0.4468054	6.26E-05	0.0148	0.13453
16w_SITTE12	0.10996216	0.6529226	6.60E-05	0.025599	-0.26716
16w_SITTE12	0.0664324	0.39026007	6.13E-05	0.010826	0.10013
16w_SITTE12	0.07906106	0.46646255	6.30E-05	0.016077	0.13613
16w_SITTE12	0.07059485	0.41537666	6.19E-05	0.012376	0.11916
16w_SITTE12	0.06780674	0.39855292	6.15E-05	0.011255	0.10734
16w_SITTE12	0.02464433	0.13810703	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02242379	0.12470809	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.09532011	0.56457114	6.49E-05	0.023263	-0.026471
16w_SITTE12	0.08386745	0.49546477	6.37E-05	0.01841	0.1176

16w_SITTE12	0.01915029	0.10495548	3.38E-05	0.004741	0.03364
16w_SITTE12	0.00488926	0.01890309	3.18E-05	0.0084677	0.62647
16w_SITTE12	0.08139365	0.48053762	6.34E-05	0.017373	0.13148
16w_SITTE12	0.02852166	0.16150318	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.02035916	0.1122499	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.02455246	0.13755268	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.05193633	0.30278948	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.01636485	0.08814783	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01447109	0.07672076	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.00952584	0.04688065	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.02812465	0.15910757	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.01297164	0.06767295	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.15728581	0.9384779	6.78E-05	0.023703	-0.52697
16w_SITTE12	0.01055114	0.0530674	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.0742676	0.4375384	6.24E-05	0.014051	0.13074
16w_SITTE12	0.0273064	0.1541702	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.04429403	0.25667515	5.42E-05	0.0050757	0.012967
16w_SITTE12	0.01075869	0.05431978	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.01427207	0.07551985	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01464705	0.0777825	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01366642	0.07186527	3.24E-05	0.0057681	0.20898
16w_SITTE12	0.0388056	0.22355746	4.92E-05	0.0044639	-0.040459
16w_SITTE12	0.00754154	0.0349072	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.01039862	0.05214709	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.08508796	0.5028294	6.38E-05	0.018923	0.10916
16w_SITTE12	0.04242844	0.24541797	5.24E-05	0.0047963	-0.0013165
16w_SITTE12	0.08432037	0.49819773	6.37E-05	0.018667	0.1176
16w_SITTE12	0.05549149	0.3242416	5.95E-05	0.007248	0.065685
16w_SITTE12	0.01738108	0.0942799	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02462749	0.13800542	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.01021678	0.05104985	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.03339519	0.19091055	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.0169782	0.09184887	3.31E-05	0.0050879	0.085504
16w_SITTE12	0.03752606	0.21583657	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.0931721	0.5516099	6.47E-05	0.022469	0.010343
16w_SITTE12	0.06985937	0.4109387	6.18E-05	0.012147	0.11455
16w_SITTE12	0.02103598	0.11633391	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.08398099	0.49614987	6.37E-05	0.01841	0.1176
16w_SITTE12	0.09672141	0.5730267	6.50E-05	0.023626	-0.055297
16w_SITTE12	0.05850587	0.34243068	6.01E-05	0.0080116	0.074438
16w_SITTE12	0.08141324	0.48065582	6.34E-05	0.017373	0.13148
16w_SITTE12	0.02480356	0.13906781	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.04117607	0.23786108	5.14E-05	0.0046741	-0.017493

16w_SITTE12	0.04365122	0.25279635	5.38E-05	0.0050014	0.008455
16w_SITTE12	0.06521163	0.38289383	6.11E-05	0.010206	0.095509
16w_SITTE12	0.02227718	0.1238234	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.01984087	0.10912252	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.01938009	0.10634213	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.01586148	0.08511049	3.28E-05	0.0052924	0.12392
16w_SITTE12	0.07353732	0.4331318	6.23E-05	0.013805	0.12913
16w_SITTE12	0.01967143	0.10810006	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.03508769	0.20112324	4.54E-05	0.0042028	-0.078293
16w_SITTE12	0.06691964	0.3932001	6.14E-05	0.011039	0.10251
16w_SITTE12	0.08122724	0.47953346	6.33E-05	0.017113	0.13148
16w_SITTE12	0.07620013	0.44919944	6.26E-05	0.0148	0.1354
16w_SITTE12	0.014502	0.07690725	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.03521245	0.20187601	4.54E-05	0.0042028	-0.073417
16w_SITTE12	0.06974077	0.41022304	6.18E-05	0.012147	0.11455
16w_SITTE12	0.0941698	0.55763	6.48E-05	0.022877	-0.0077738
16w_SITTE12	0.13588734	0.8093575	6.72E-05	0.023527	-0.47464
16w_SITTE12	0.04481536	0.25982088	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.10325975	0.6124796	6.56E-05	0.025216	-0.17104
16w_SITTE12	0.1208707	0.7187457	6.66E-05	0.02449	-0.37656
16w_SITTE12	0.02873889	0.16281396	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.07039484	0.41416982	6.19E-05	0.012376	0.11689
16w_SITTE12	0.02248664	0.12508734	3.52E-05	0.0043661	-0.056631
16w_SITTE12	0.06947076	0.40859377	6.17E-05	0.01192	0.11455
16w_SITTE12	0.02455701	0.13758014	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.0990831	0.58727735	6.53E-05	0.02442	-0.094455
16w_SITTE12	0.056965	0.3331329	5.99E-05	0.0076952	0.070131
16w_SITTE12	0.01520395	0.08114287	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.07322733	0.4312613	6.23E-05	0.013561	0.12737
16w_SITTE12	0.01451969	0.07701398	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.08943352	0.5290509	6.43E-05	0.020902	0.059815
16w_SITTE12	0.07633615	0.45002022	6.27E-05	0.015053	0.1354
16w_SITTE12	0.04343629	0.2514994	5.33E-05	0.0049301	0.0036923
16w_SITTE12	0.04627128	0.268606	5.54E-05	0.0053171	0.028707
16w_SITTE12	0.02146359	0.11891411	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01826566	0.09961754	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.09228568	0.5462611	6.46E-05	0.022042	0.019141
16w_SITTE12	0.03728879	0.21440485	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.08942863	0.5290214	6.43E-05	0.020902	0.059815
16w_SITTE12	0.09400859	0.55665725	6.48E-05	0.022676	-0.0077738
16w_SITTE12	0.05174956	0.30166247	5.83E-05	0.0063316	0.053285
16w_SITTE12	0.01256152	0.06519824	3.23E-05	0.0060411	0.25518
16w_SITTE12	0.01484982	0.07900606	3.27E-05	0.0054028	0.16515

16w_SITTE12	0.01585438	0.08506763	3.28E-05	0.0052924	0.12392
16w_SITTE12	0.01509134	0.0804634	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01212454	0.06256142	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.02099571	0.11609093	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.02378763	0.1329376	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.04198154	0.24272138	5.24E-05	0.0047963	-0.00654
16w_SITTE12	0.05995666	0.35118484	6.04E-05	0.0085136	0.077363
16w_SITTE12	0.02727432	0.15397662	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.02207957	0.12263101	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.02483041	0.13922983	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.09553514	0.5658686	6.49E-05	0.023263	-0.035993
16w_SITTE12	0.10119164	0.6000005	6.54E-05	0.024809	-0.13341
16w_SITTE12	0.07708667	0.45454887	6.28E-05	0.015307	0.13605
16w_SITTE12	0.02497435	0.1400984	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.0506984	0.29531965	5.78E-05	0.0061018	0.051138
16w_SITTE12	0.09232365	0.54649025	6.46E-05	0.022042	0.019141
16w_SITTE12	0.05639212	0.3296761	5.98E-05	0.0075425	0.068678
16w_SITTE12	0.00681514	0.03052402	3.18E-05	0.0078	0.54183
16w_SITTE12	0.02298545	0.12809715	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02025029	0.11159296	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.0187237	0.10238137	3.38E-05	0.004741	0.03364
16w_SITTE12	0.08142382	0.48071966	6.34E-05	0.017373	0.13148
16w_SITTE12	0.08940881	0.5289018	6.43E-05	0.020902	0.059815
16w_SITTE12	0.04281276	0.24773699	5.29E-05	0.0048617	-0.0013165
16w_SITTE12	0.08827926	0.522086	6.42E-05	0.020421	0.074212
16w_SITTE12	0.07327799	0.43156695	6.23E-05	0.013561	0.12737
16w_SITTE12	0.01834546	0.10009904	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.05169011	0.3013037	5.83E-05	0.0063316	0.053285
16w_SITTE12	0.02359075	0.13174962	3.58E-05	0.0042778	-0.073623
16w_SITTE12	0.01594684	0.08562553	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02505603	0.14059125	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.06055561	0.35479897	6.05E-05	0.008688	0.07887
16w_SITTE12	0.06816732	0.40072873	6.16E-05	0.011474	0.10734
16w_SITTE12	0.01993832	0.10971052	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02879571	0.1631568	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.07866781	0.46408963	6.30E-05	0.016077	0.13651
16w_SITTE12	0.01309525	0.06841879	3.23E-05	0.0059016	0.23179
16w_SITTE12	0.08004126	0.47237718	6.32E-05	0.016594	0.13446
16w_SITTE12	0.1338299	0.7969428	6.71E-05	0.023546	-0.46255
16w_SITTE12	0.08371056	0.49451807	6.37E-05	0.01841	0.12117
16w_SITTE12	0.0979947	0.5807099	6.52E-05	0.024123	-0.074831
16w_SITTE12	0.07958891	0.46964768	6.31E-05	0.016335	0.13545
16w_SITTE12	0.1083263	0.6430517	6.59E-05	0.025614	-0.24573

16w_SITTE12	0.02876479	0.16297024	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.09924562	0.58825797	6.53E-05	0.02442	-0.094455
16w_SITTE12	0.09216245	0.54551756	6.46E-05	0.022042	0.019141
16w_SITTE12	0.03951166	0.22781783	4.98E-05	0.0045122	-0.034672
16w_SITTE12	0.04411077	0.2555693	5.38E-05	0.0050014	0.012967
16w_SITTE12	0.00982956	0.04871335	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.09881324	0.58564895	6.52E-05	0.024275	-0.094455
16w_SITTE12	0.08041886	0.47465566	6.32E-05	0.016854	0.13446
16w_SITTE12	0.08615196	0.5092496	6.39E-05	0.01943	0.099025
16w_SITTE12	0.09451112	0.55968964	6.48E-05	0.022877	-0.017059
16w_SITTE12	0.01298005	0.06772367	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.07325606	0.43143466	6.23E-05	0.013561	0.12737
16w_SITTE12	0.01506521	0.08030573	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.10730343	0.6368796	6.58E-05	0.025586	-0.23052
16w_SITTE12	0.02001853	0.11019453	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.00998228	0.04963485	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.03773853	0.21711862	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.0142117	0.07515556	3.25E-05	0.0056405	0.18676
16w_SITTE12	0.02582464	0.14522913	3.72E-05	0.0041509	-0.096385
16w_SITTE12	0.01142762	0.05835617	3.21E-05	0.006339	0.30353
16w_SITTE12	0.02578697	0.14500181	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.08097032	0.47798318	6.33E-05	0.017113	0.13314
16w_SITTE12	0.02432801	0.13619834	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.0900043	0.5324951	6.44E-05	0.021137	0.05218
16w_SITTE12	0.08673168	0.51274776	6.40E-05	0.019681	0.093363
16w_SITTE12	0.02596245	0.14606066	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.02488932	0.1395853	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.06897041	0.40557462	6.16E-05	0.011695	0.11218
16w_SITTE12	0.02178731	0.12086748	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.03052765	0.17360753	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.0914729	0.54135674	6.45E-05	0.021822	0.036126
16w_SITTE12	0.04986875	0.2903135	5.76E-05	0.005992	0.046466
16w_SITTE12	0.02665406	0.15023391	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.02693992	0.15195884	3.80E-05	0.0041099	-0.10271
16w_SITTE12	0.01852692	0.10119398	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01721853	0.09329903	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.06261627	0.3672332	6.08E-05	0.0094206	0.085432
16w_SITTE12	0.01585198	0.08505317	3.28E-05	0.0052924	0.12392
16w_SITTE12	0.02673132	0.15070012	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.03074529	0.17492074	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.09836579	0.58294904	6.52E-05	0.024123	-0.084641
16w_SITTE12	0.11197539	0.6650706	6.61E-05	0.025489	-0.29336
16w_SITTE12	0.04599655	0.2669483	5.54E-05	0.0053171	0.025099

16w_SITTE12	0.09883314	0.5857691	6.52E-05	0.024275	-0.094455
16w_SITTE12	0.0457006	0.2651625	5.50E-05	0.0052335	0.025099
16w_SITTE12	0.03120259	0.17768016	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.10465227	0.6208823	6.57E-05	0.025429	-0.18901
16w_SITTE12	0.0209334	0.11571491	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.0503406	0.29316068	5.78E-05	0.0061018	0.048868
16w_SITTE12	0.01200997	0.06187014	3.22E-05	0.0061869	0.2791
16w_SITTE12	0.1034823	0.6138225	6.56E-05	0.025296	-0.17104
16w_SITTE12	0.01039353	0.05211634	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.04720555	0.2742435	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.06408469	0.3760938	6.10E-05	0.0098069	0.091185
16w_SITTE12	0.01798496	0.09792379	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.09364078	0.55443794	6.48E-05	0.022676	0.0013661
16w_SITTE12	0.02660529	0.14993964	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.01870823	0.10228804	3.38E-05	0.004741	0.03364
16w_SITTE12	0.08950695	0.529494	6.43E-05	0.020902	0.059815
16w_SITTE12	0.02323419	0.12959808	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.06617483	0.38870585	6.13E-05	0.010616	0.10013
16w_SITTE12	0.03946425	0.22753176	4.98E-05	0.0045122	-0.034672
16w_SITTE12	0.02188628	0.1214647	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.07031658	0.41369754	6.19E-05	0.012376	0.11689
16w_SITTE12	0.09282029	0.549487	6.46E-05	0.022258	0.010343
16w_SITTE12	0.01793337	0.09761249	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02111127	0.11678818	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.02315469	0.12911837	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.00860234	0.04130818	3.19E-05	0.0071994	0.45929
16w_SITTE12	0.11483332	0.68231565	6.63E-05	0.025242	-0.32268
16w_SITTE12	0.07084584	0.41689113	6.20E-05	0.012608	0.11916
16w_SITTE12	0.06153521	0.36071	6.07E-05	0.0090475	0.082025
16w_SITTE12	0.06552471	0.38478294	6.12E-05	0.01041	0.095509
16w_SITTE12	0.06527168	0.3832562	6.12E-05	0.01041	0.095509
16w_SITTE12	0.03443281	0.19717164	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.03236718	0.18470742	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.01233491	0.06383085	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.10865998	0.6450651	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.07067683	0.41587132	6.19E-05	0.012376	0.11916
16w_SITTE12	0.01279564	0.06661091	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.029632	0.16820306	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.014433	0.07649092	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01547297	0.08276618	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.0883202	0.522333	6.42E-05	0.020421	0.074212
16w_SITTE12	0.02211455	0.12284207	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.13529286	0.80577034	6.72E-05	0.023529	-0.47171

16w_SITTE12	0.01763273	0.09579834	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01618742	0.08707721	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.12144296	0.7221988	6.66E-05	0.024419	-0.38089
16w_SITTE12	0.1144547	0.680031	6.63E-05	0.025299	-0.3171
16w_SITTE12	0.01784597	0.0970851	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.04124528	0.23827867	5.14E-05	0.0046741	-0.017493
16w_SITTE12	0.03241268	0.18498197	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.01423366	0.07528805	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01543483	0.08253603	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.01784605	0.09708559	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02734663	0.15441293	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.04222404	0.2441846	5.24E-05	0.0047963	-0.00654
16w_SITTE12	0.10065402	0.59675646	6.53E-05	0.024687	-0.12375
16w_SITTE12	0.05027525	0.29276636	5.78E-05	0.0061018	0.048868
16w_SITTE12	0.12935656	0.7699502	6.70E-05	0.023692	-0.43556
16w_SITTE12	0.01833024	0.10000721	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.02711694	0.153027	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.01311486	0.06853714	3.23E-05	0.0059016	0.23179
16w_SITTE12	0.04897044	0.284893	5.70E-05	0.0057827	0.041222
16w_SITTE12	0.02139847	0.11852122	3.47E-05	0.0044724	-0.0356
16w_SITTE12	0.00484374	0.01862844	3.18E-05	0.0084677	0.62647
16w_SITTE12	0.06368347	0.3736728	6.10E-05	0.0098069	0.089169
16w_SITTE12	0.02245131	0.12487415	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.0226873	0.12629811	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.12846726	0.76458406	6.69E-05	0.023723	-0.4283
16w_SITTE12	0.09659382	0.5722568	6.50E-05	0.023626	-0.055297
16w_SITTE12	0.02345894	0.13095425	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.02257421	0.1256157	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.03870221	0.22293356	4.92E-05	0.0044639	-0.040459
16w_SITTE12	0.1160791	0.6898328	6.63E-05	0.025119	-0.33347
16w_SITTE12	0.09077115	0.53712225	6.45E-05	0.021597	0.044278
16w_SITTE12	0.0851042	0.50292736	6.38E-05	0.018923	0.10916
16w_SITTE12	0.08486952	0.50151134	6.38E-05	0.018923	0.1136
16w_SITTE12	0.01450752	0.07694057	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.02463485	0.13804983	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02482519	0.13919833	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.11806385	0.701809	6.65E-05	0.024847	-0.35363
16w_SITTE12	0.04520155	0.26215118	5.46E-05	0.0051531	0.021279
16w_SITTE12	0.08059537	0.4757207	6.32E-05	0.016854	0.13314
16w_SITTE12	0.06548581	0.38454828	6.12E-05	0.01041	0.095509
16w_SITTE12	0.10292006	0.6104299	6.56E-05	0.025216	-0.16182
16w_SITTE12	0.01774776	0.09649245	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.03125083	0.17797129	4.16E-05	0.0040771	-0.10299

16w_SITTE12	0.10141176	0.60132873	6.54E-05	0.024923	-0.13341
16w_SITTE12	0.03770592	0.21692184	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.03273056	0.18690008	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.00469113	0.01770757	3.18E-05	0.0087056	0.65503
16w_SITTE12	0.01334154	0.06990492	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.03293827	0.18815342	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.03354927	0.19184026	4.37E-05	0.0041322	-0.087207
16w_SITTE12	0.01763666	0.09582211	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01720594	0.0932231	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.11541532	0.6858275	6.63E-05	0.025182	-0.32814
16w_SITTE12	0.01686929	0.09119172	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.09798437	0.58064747	6.52E-05	0.024123	-0.074831
16w_SITTE12	0.01413651	0.07470188	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.04501609	0.26103207	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.02529707	0.1420457	3.68E-05	0.0041768	-0.092011
16w_SITTE12	0.02833925	0.16040252	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.03098345	0.17635787	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.02781637	0.15724738	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.02749782	0.15532523	3.84E-05	0.0040947	-0.10472
16w_SITTE12	0.0233512	0.13030414	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.02059344	0.11366355	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.04012911	0.23154362	5.03E-05	0.0045634	-0.028892
16w_SITTE12	0.02085417	0.11523683	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.02229748	0.12394591	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.08447833	0.49915084	6.37E-05	0.018667	0.1136
16w_SITTE12	0.01977926	0.10875075	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.10300092	0.61091787	6.56E-05	0.025216	-0.16182
16w_SITTE12	0.01590131	0.0853508	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02344239	0.1308544	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.02386035	0.13337637	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.02206586	0.12254831	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.02023743	0.11151537	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.057887	0.33869636	6.00E-05	0.0078516	0.073002
16w_SITTE12	0.03148808	0.17940284	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.1183548	0.7035645	6.65E-05	0.024847	-0.35363
16w_SITTE12	0.02108387	0.11662285	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.06684263	0.39273542	6.13E-05	0.010826	0.10251
16w_SITTE12	0.06632803	0.38963026	6.13E-05	0.010826	0.10013
16w_SITTE12	0.09768529	0.5788429	6.51E-05	0.023964	-0.074831
16w_SITTE12	0.03695276	0.2123772	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.01261751	0.06553607	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.08711311	0.51504934	6.41E-05	0.01993	0.087329
16w_SITTE12	0.01604048	0.08619059	3.30E-05	0.0051875	0.12392

16w_SITTE12	0.01359856	0.07145579	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.01272926	0.06621038	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.07337296	0.43214005	6.23E-05	0.013561	0.12913
16w_SITTE12	0.03685271	0.21177351	4.70E-05	0.0042982	-0.057524
16w_SITTE12	0.03196058	0.18225393	4.22E-05	0.0040866	-0.097962
16w_SITTE12	0.03930578	0.22657554	4.98E-05	0.0045122	-0.034672
16w_SITTE12	0.01866854	0.10204855	3.38E-05	0.004741	0.03364
16w_SITTE12	0.02399835	0.1342091	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.02023932	0.11152676	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.03255516	0.18584172	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.04856172	0.2824267	5.67E-05	0.0056831	0.041222
16w_SITTE12	0.07787868	0.459328	6.29E-05	0.015562	0.13662
16w_SITTE12	0.08456633	0.49968183	6.37E-05	0.018667	0.1136
16w_SITTE12	0.02060857	0.1137549	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.021734	0.12054582	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.02138179	0.11842056	3.47E-05	0.0044724	-0.0356
16w_SITTE12	0.03422978	0.1959465	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.02350975	0.13126086	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.0323217	0.18443298	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.11588565	0.68866545	6.63E-05	0.025119	-0.33347
16w_SITTE12	0.01424232	0.07534034	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.09783297	0.57973397	6.51E-05	0.023964	-0.074831
16w_SITTE12	0.05753575	0.33657685	6.00E-05	0.0078516	0.071569
16w_SITTE12	0.01626132	0.08752316	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02211503	0.12284499	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.07086622	0.41701412	6.20E-05	0.012608	0.11916
16w_SITTE12	0.02835037	0.1604696	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.01178087	0.06048773	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.04685612	0.272135	5.57E-05	0.0054037	0.032113
16w_SITTE12	0.08491705	0.50179815	6.38E-05	0.018923	0.10916
16w_SITTE12	0.07624016	0.449441	6.26E-05	0.0148	0.1354
16w_SITTE12	0.01150015	0.05879381	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.0081328	0.03847494	3.19E-05	0.0071994	0.45929
16w_SITTE12	0.09303603	0.55078876	6.47E-05	0.022469	0.010343
16w_SITTE12	0.09144615	0.5411953	6.45E-05	0.021822	0.036126
16w_SITTE12	0.03559965	0.20421243	4.59E-05	0.0042319	-0.073417
16w_SITTE12	0.02934391	0.1664647	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.02192811	0.1217171	3.49E-05	0.0044169	-0.046619
16w_SITTE12	0.09144252	0.5411734	6.45E-05	0.021822	0.036126
16w_SITTE12	0.04196515	0.24262245	5.24E-05	0.0047963	-0.00654
16w_SITTE12	0.07306236	0.43026584	6.23E-05	0.013561	0.12737
16w_SITTE12	0.05475342	0.31978804	5.94E-05	0.0071062	0.064127
16w_SITTE12	0.01389393	0.07323808	3.25E-05	0.0056405	0.20898

16w_SITTE12	0.0194876	0.10699084	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.02371859	0.13252102	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.11411663	0.6779911	6.63E-05	0.025299	-0.31137
16w_SITTE12	0.10826783	0.6426989	6.59E-05	0.025614	-0.24573
16w_SITTE12	0.09107408	0.5389502	6.45E-05	0.021597	0.036126
16w_SITTE12	0.1171409	0.6962398	6.64E-05	0.024986	-0.34377
16w_SITTE12	0.09058045	0.5359716	6.44E-05	0.021369	0.044278
16w_SITTE12	0.10575888	0.6275596	6.58E-05	0.025526	-0.20623
16w_SITTE12	0.04491486	0.26042128	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.01667923	0.09004485	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.02053579	0.11331571	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.02086611	0.1153089	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.0987266	0.5851262	6.52E-05	0.024275	-0.094455
16w_SITTE12	0.01737632	0.0942512	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.06374333	0.374034	6.10E-05	0.0098069	0.089169
16w_SITTE12	0.09344818	0.5532757	6.47E-05	0.022469	0.0013661
16w_SITTE12	0.05690866	0.33279297	5.99E-05	0.0076952	0.070131
16w_SITTE12	0.02866309	0.16235659	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.01108067	0.05626263	3.21E-05	0.006339	0.32844
16w_SITTE12	0.1260356	0.74991125	6.68E-05	0.023927	-0.41325
16w_SITTE12	0.08988994	0.531805	6.44E-05	0.021137	0.05218
16w_SITTE12	0.03525891	0.2021564	4.54E-05	0.0042028	-0.073417
16w_SITTE12	0.02412389	0.13496666	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.10545927	0.6257518	6.57E-05	0.025482	-0.20623
16w_SITTE12	0.08689785	0.51375043	6.41E-05	0.01993	0.093363
16w_SITTE12	0.09381174	0.5554695	6.48E-05	0.022676	-0.0077738
16w_SITTE12	0.0119175	0.06131216	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.12816273	0.7627465	6.69E-05	0.023757	-0.4283
16w_SITTE12	0.0608765	0.35673526	6.06E-05	0.008866	0.080421
16w_SITTE12	0.0285895	0.16191252	3.93E-05	0.004074	-0.10664
16w_SITTE12	0.01433725	0.07591312	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.03681361	0.2115376	4.70E-05	0.0042982	-0.062998
16w_SITTE12	0.09136356	0.540697	6.45E-05	0.021822	0.036126
16w_SITTE12	0.01598332	0.08584566	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02964655	0.1682909	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.03187607	0.18174398	4.22E-05	0.0040866	-0.097962
16w_SITTE12	0.08666851	0.51236653	6.40E-05	0.019681	0.093363
16w_SITTE12	0.01613829	0.08678078	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.1378027	0.82091504	6.73E-05	0.02353	-0.48301
16w_SITTE12	0.08838012	0.5226946	6.42E-05	0.020421	0.074212
16w_SITTE12	0.06594608	0.38732556	6.13E-05	0.010616	0.097788
16w_SITTE12	0.0774039	0.45646307	6.28E-05	0.015307	0.13646
16w_SITTE12	0.05116197	0.29811692	5.81E-05	0.006215	0.051138

16w_SITTE12	0.03000395	0.17044748	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.06720794	0.39493975	6.14E-05	0.011039	0.10251
16w_SITTE12	0.04019118	0.23191813	5.03E-05	0.0045634	-0.023154
16w_SITTE12	0.05914567	0.34629127	6.03E-05	0.0083426	0.075889
16w_SITTE12	0.01715687	0.092927	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.09717135	0.5757417	6.51E-05	0.023799	-0.065044
16w_SITTE12	0.06106212	0.3578553	6.06E-05	0.008866	0.080421
16w_SITTE12	0.04219716	0.24402241	5.24E-05	0.0047963	-0.00654
16w_SITTE12	0.12097299	0.719363	6.66E-05	0.02449	-0.37656
16w_SITTE12	0.1064802	0.6319122	6.58E-05	0.02556	-0.22263
16w_SITTE12	0.01740085	0.0943992	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.05414556	0.31612015	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.01362341	0.07160574	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.00402047	0.01366074	3.18E-05	0.0089513	0.68371
16w_SITTE12	0.10226418	0.6064723	6.55E-05	0.025029	-0.15246
16w_SITTE12	0.01464798	0.07778814	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.03067642	0.17450519	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.03726	0.21423113	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.01957072	0.10749241	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.01498741	0.07983627	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.12793106	0.7613486	6.69E-05	0.023757	-0.4246
16w_SITTE12	0.01748944	0.09493372	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.00551833	0.022699	3.18E-05	0.0082375	0.59807
16w_SITTE12	0.01204163	0.06206114	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.0113359	0.05780273	3.21E-05	0.006339	0.32844
16w_SITTE12	0.02066905	0.11411982	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.02000725	0.11012642	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02618813	0.14742242	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.02151177	0.11920485	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01843291	0.10062675	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01856896	0.10144765	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.09520405	0.5638708	6.49E-05	0.023263	-0.026471
16w_SITTE12	0.04620163	0.26818576	5.54E-05	0.0053171	0.025099
16w_SITTE12	0.09959004	0.59033626	6.53E-05	0.024558	-0.10426
16w_SITTE12	0.03117751	0.17752886	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.04425493	0.25643915	5.42E-05	0.0050757	0.012967
16w_SITTE12	0.04961132	0.28876013	5.73E-05	0.0058857	0.046466
16w_SITTE12	0.01604942	0.08624454	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.03028276	0.1721298	4.07E-05	0.0040668	-0.10475
16w_SITTE12	0.02206245	0.1225277	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.01590998	0.08540313	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.08875416	0.5249516	6.42E-05	0.020663	0.074212
16w_SITTE12	0.04608237	0.26746613	5.54E-05	0.0053171	0.025099

16w_SITTE12	0.08660191	0.5119647	6.40E-05	0.019681	0.093363
16w_SITTE12	0.10731663	0.6369592	6.58E-05	0.025586	-0.23052
16w_SITTE12	0.02589415	0.14564855	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.01968001	0.10815185	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.03882961	0.22370233	4.92E-05	0.0044639	-0.040459
16w_SITTE12	0.02379246	0.13296679	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.0226206	0.12589565	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.06087707	0.35673875	6.06E-05	0.008866	0.080421
16w_SITTE12	0.04361308	0.25256622	5.38E-05	0.0050014	0.008455
16w_SITTE12	0.12259934	0.7291765	6.67E-05	0.024282	-0.38934
16w_SITTE12	0.0476056	0.27665743	5.64E-05	0.0055867	0.035328
16w_SITTE12	0.01879432	0.10280748	3.38E-05	0.004741	0.03364
16w_SITTE12	0.07925542	0.46763536	6.31E-05	0.016335	0.13613
16w_SITTE12	0.03251708	0.18561195	4.27E-05	0.004099	-0.094772
16w_SITTE12	0.02134633	0.11820659	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.14321859	0.85359496	6.75E-05	0.023603	-0.50606
16w_SITTE12	0.01810294	0.09863567	3.34E-05	0.0049043	0.050123
16w_SITTE12	0.04070947	0.23504554	5.09E-05	0.0046173	-0.017493
16w_SITTE12	0.01248186	0.06471758	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.08745732	0.5171263	6.41E-05	0.020177	0.087329
16w_SITTE12	0.0675738	0.3971474	6.15E-05	0.011255	0.10492
16w_SITTE12	0.01646617	0.08875926	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.01553763	0.08315638	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.09889255	0.5861275	6.52E-05	0.024275	-0.094455
16w_SITTE12	0.01849993	0.10103112	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.02956537	0.167801	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.03086765	0.17565909	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.05759352	0.33692545	6.00E-05	0.0078516	0.071569
16w_SITTE12	0.08183995	0.48323062	6.34E-05	0.017373	0.12948
16w_SITTE12	0.08294023	0.4898698	6.35E-05	0.017892	0.12434
16w_SITTE12	0.01762564	0.09575558	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.10469285	0.62112707	6.57E-05	0.025429	-0.18901
16w_SITTE12	0.0333312	0.19052438	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.03733018	0.21465464	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.02180287	0.12096136	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.02346128	0.13096836	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.0154608	0.08269274	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.08269895	0.4884139	6.35E-05	0.017892	0.12434
16w_SITTE12	0.12863247	0.76558095	6.69E-05	0.023723	-0.43195
16w_SITTE12	0.09736491	0.57690966	6.51E-05	0.023799	-0.065044
16w_SITTE12	0.11206391	0.66560477	6.61E-05	0.025489	-0.29336
16w_SITTE12	0.01804276	0.09827253	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.04487794	0.2601985	5.46E-05	0.0051531	0.017239

16w_SITTE12	0.09043111	0.5350704	6.44E-05	0.021369	0.044278
16w_SITTE12	0.00956648	0.04712588	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.08622365	0.50968224	6.39E-05	0.01943	0.099025
16w_SITTE12	0.00921641	0.04501354	3.19E-05	0.0070136	0.4058
16w_SITTE12	0.05689956	0.33273804	5.98E-05	0.0075425	0.070131
16w_SITTE12	0.05269659	0.30737695	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.09733398	0.57672304	6.51E-05	0.023799	-0.065044
16w_SITTE12	0.01273105	0.06622121	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.01660195	0.08957854	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.02781569	0.15724327	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.10569686	0.6271854	6.58E-05	0.025526	-0.20623
16w_SITTE12	0.01483107	0.07889287	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01857313	0.10147283	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.03852911	0.22188908	4.87E-05	0.0044183	-0.040459
16w_SITTE12	0.0474865	0.27593878	5.64E-05	0.0055867	0.035328
16w_SITTE12	0.03387546	0.19380853	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.05548853	0.32422376	5.95E-05	0.007248	0.065685
16w_SITTE12	0.02504225	0.1405081	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.05812581	0.34013736	6.01E-05	0.0080116	0.073002
16w_SITTE12	0.04699409	0.27296752	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.03172436	0.18082856	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.09373391	0.5549998	6.48E-05	0.022676	0.0013661
16w_SITTE12	0.01627671	0.08761603	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.10455786	0.6203126	6.56E-05	0.025367	-0.18901
16w_SITTE12	0.0222568	0.12370042	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.03144956	0.17917041	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.07063977	0.4156477	6.19E-05	0.012376	0.11916
16w_SITTE12	0.10020505	0.5940473	6.53E-05	0.024687	-0.11403
16w_SITTE12	0.04837024	0.2812713	5.67E-05	0.0056831	0.038361
16w_SITTE12	0.10895276	0.6468318	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.1060183	0.629125	6.58E-05	0.025526	-0.21453
16w_SITTE12	0.09350478	0.55361724	6.48E-05	0.022676	0.0013661
16w_SITTE12	0.11017106	0.6541831	6.60E-05	0.02558	-0.26716
16w_SITTE12	0.05656258	0.33070472	5.98E-05	0.0075425	0.068678
16w_SITTE12	0.03478104	0.19927286	4.54E-05	0.0042028	-0.078293
16w_SITTE12	0.01554961	0.08322865	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.09716567	0.57570744	6.51E-05	0.023799	-0.065044
16w_SITTE12	0.01473266	0.07829911	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.11912651	0.70822114	6.65E-05	0.024704	-0.3584
16w_SITTE12	0.14425711	0.8598615	6.75E-05	0.023623	-0.50968
16w_SITTE12	0.0146937	0.07806401	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.02999354	0.17038466	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.09136276	0.5406921	6.45E-05	0.021822	0.036126

16w_SITTE12	0.08080115	0.47696242	6.33E-05	0.017113	0.13314
16w_SITTE12	0.0227723	0.12681103	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02435219	0.13634422	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.08300349	0.49025154	6.36E-05	0.018151	0.12434
16w_SITTE12	0.02009007	0.11062617	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02728622	0.15404841	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.10675847	0.63359123	6.58E-05	0.02556	-0.22263
16w_SITTE12	0.04295725	0.24860889	5.29E-05	0.0048617	0.0036923
16w_SITTE12	0.04479027	0.25966948	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.0179153	0.09750345	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01027958	0.05142881	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.01044486	0.05242611	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.11851844	0.704552	6.65E-05	0.024776	-0.35363
16w_SITTE12	0.08139715	0.48055875	6.34E-05	0.017373	0.13148
16w_SITTE12	0.07113798	0.41865396	6.20E-05	0.012608	0.12136
16w_SITTE12	0.05147114	0.2999825	5.83E-05	0.0063316	0.053285
16w_SITTE12	0.091878	0.5438011	6.46E-05	0.022042	0.027741
16w_SITTE12	0.0518076	0.3020127	5.83E-05	0.0063316	0.055318
16w_SITTE12	0.05586895	0.32651925	5.97E-05	0.0073934	0.067199
16w_SITTE12	0.08590722	0.50777286	6.39E-05	0.01943	0.1043
16w_SITTE12	0.08306034	0.49059457	6.36E-05	0.018151	0.12434
16w_SITTE12	0.01111991	0.0564994	3.21E-05	0.006339	0.32844
16w_SITTE12	0.02477547	0.13889834	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.0118237	0.06074617	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.08599583	0.5083076	6.39E-05	0.01943	0.1043
16w_SITTE12	0.01108322	0.05627803	3.21E-05	0.006339	0.32844
16w_SITTE12	0.08178958	0.48292667	6.34E-05	0.017373	0.12948
16w_SITTE12	0.01364519	0.07173716	3.24E-05	0.0057681	0.20898
16w_SITTE12	0.03318315	0.18963107	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.01901702	0.1041513	3.38E-05	0.004741	0.03364
16w_SITTE12	0.12142286	0.72207755	6.66E-05	0.024419	-0.38089
16w_SITTE12	0.06320423	0.370781	6.09E-05	0.0096122	0.087254
16w_SITTE12	0.04846352	0.28183421	5.67E-05	0.0056831	0.041222
16w_SITTE12	0.11443701	0.6799243	6.63E-05	0.025299	-0.3171
16w_SITTE12	0.09862422	0.5845084	6.52E-05	0.024275	-0.084641
16w_SITTE12	0.01449375	0.07685746	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.08612683	0.509098	6.39E-05	0.01943	0.099025
16w_SITTE12	0.02013788	0.11091469	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.02166415	0.12012434	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01847986	0.10091005	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.03669189	0.21080314	4.70E-05	0.0042982	-0.062998
16w_SITTE12	0.03281285	0.1873966	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.09452571	0.5597776	6.48E-05	0.022877	-0.017059

16w_SITTE12	0.0358689	0.2058371	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.09704947	0.57500625	6.51E-05	0.023799	-0.065044
16w_SITTE12	0.02441754	0.13673854	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.04103415	0.23700471	5.14E-05	0.0046741	-0.017493
16w_SITTE12	0.02729646	0.15411018	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.05798325	0.33927712	6.00E-05	0.0078516	0.073002
16w_SITTE12	0.00958615	0.04724455	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.08337494	0.4924929	6.36E-05	0.018151	0.12117
16w_SITTE12	0.14079109	0.8389472	6.74E-05	0.023566	-0.4978
16w_SITTE12	0.07876054	0.4646492	6.30E-05	0.016077	0.13651
16w_SITTE12	0.02453466	0.13744523	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.07102366	0.41796413	6.20E-05	0.012608	0.11916
16w_SITTE12	0.09278662	0.5492838	6.46E-05	0.022258	0.010343
16w_SITTE12	0.07510693	0.442603	6.25E-05	0.014299	0.13345
16w_SITTE12	0.05315369	0.31013513	5.89E-05	0.0067028	0.059084
16w_SITTE12	0.01018143	0.05083653	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.13052472	0.776999	6.70E-05	0.02364	-0.44263
16w_SITTE12	0.05241329	0.30566746	5.85E-05	0.0064518	0.057248
16w_SITTE12	0.09016101	0.53344065	6.44E-05	0.021137	0.05218
16w_SITTE12	0.02880317	0.16320185	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.00808168	0.03816645	3.19E-05	0.0073923	0.48652
16w_SITTE12	0.01635785	0.08810564	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01220432	0.06304287	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.02715181	0.15323736	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.03834727	0.2207918	4.87E-05	0.0044183	-0.04622
16w_SITTE12	0.02114522	0.11699307	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.04405024	0.25520405	5.38E-05	0.0050014	0.012967
16w_SITTE12	0.01517136	0.08094622	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01579092	0.08468472	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.09489424	0.5620014	6.49E-05	0.023073	-0.026471
16w_SITTE12	0.086496	0.5113256	6.40E-05	0.019681	0.099025
16w_SITTE12	0.02088891	0.11544649	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.02290088	0.12758689	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.07663228	0.45180705	6.27E-05	0.015053	0.13605
16w_SITTE12	0.02087414	0.11535732	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.01814648	0.0988984	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01683739	0.0909992	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.03585568	0.20575735	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.05940839	0.34787658	6.03E-05	0.0083426	0.075889
16w_SITTE12	0.08486451	0.50148106	6.38E-05	0.018923	0.1136
16w_SITTE12	0.01492877	0.07948241	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.03387452	0.19380283	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.01832066	0.09994942	3.36E-05	0.0048202	0.050123

16w_SITTE12	0.08527348	0.50394887	6.39E-05	0.019177	0.10916
16w_SITTE12	0.11482132	0.6822432	6.63E-05	0.025242	-0.32268
16w_SITTE12	0.10892519	0.64666545	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.00941826	0.04623148	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.0677542	0.39823595	6.15E-05	0.011255	0.10492
16w_SITTE12	0.02709703	0.15290685	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.00712393	0.03238733	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.0522882	0.30491272	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.020615	0.11379365	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.06035017	0.35355932	6.05E-05	0.008688	0.07887
16w_SITTE12	0.03592779	0.20619246	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.10117997	0.59993005	6.54E-05	0.024809	-0.13341
16w_SITTE12	0.02173447	0.12054863	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.08861764	0.5241278	6.42E-05	0.020663	0.074212
16w_SITTE12	0.10900471	0.6471453	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.02024264	0.11154683	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.01922141	0.10538463	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.0498472	0.29018345	5.76E-05	0.005992	0.046466
16w_SITTE12	0.00965763	0.04767587	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.00362728	0.01128819	3.18E-05	0.0092049	0.71249
16w_SITTE12	0.00822398	0.03902514	3.19E-05	0.0071994	0.45929
16w_SITTE12	0.0211985	0.11731456	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.05175637	0.30170354	5.83E-05	0.0063316	0.055318
16w_SITTE12	0.02346383	0.13098378	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.14535642	0.86649483	6.75E-05	0.023641	-0.51294
16w_SITTE12	0.01365705	0.07180873	3.24E-05	0.0057681	0.20898
16w_SITTE12	0.0180077	0.09806098	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02121863	0.11743599	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.13584612	0.8091088	6.72E-05	0.023527	-0.47464
16w_SITTE12	0.11131547	0.6610886	6.61E-05	0.025525	-0.28058
16w_SITTE12	0.02986343	0.16959955	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.06237825	0.36579695	6.07E-05	0.0092324	0.085432
16w_SITTE12	0.10694272	0.63470304	6.58E-05	0.025586	-0.22263
16w_SITTE12	0.02217845	0.12322769	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.08068886	0.47628483	6.32E-05	0.016854	0.13314
16w_SITTE12	0.07144039	0.42047873	6.20E-05	0.012843	0.12136
16w_SITTE12	0.02372971	0.13258812	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.10406689	0.61735004	6.56E-05	0.025367	-0.18011
16w_SITTE12	0.026997	0.15230328	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.1092324	0.64851916	6.60E-05	0.025611	-0.2602
16w_SITTE12	0.04010077	0.2313726	5.03E-05	0.0045634	-0.028892
16w_SITTE12	0.04877822	0.28373313	5.70E-05	0.0057827	0.041222
16w_SITTE12	0.0984847	0.5836665	6.52E-05	0.024275	-0.084641

16w_SITTE12	0.09672605	0.5730547	6.50E-05	0.023626	-0.055297
16w_SITTE12	0.01908339	0.10455179	3.38E-05	0.004741	0.03364
16w_SITTE12	0.04834061	0.28109255	5.67E-05	0.0056831	0.038361
16w_SITTE12	0.06706522	0.39407858	6.14E-05	0.011039	0.10251
16w_SITTE12	0.03683744	0.21168138	4.70E-05	0.0042982	-0.057524
16w_SITTE12	0.03150513	0.17950572	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.13241231	0.7883889	6.71E-05	0.023568	-0.45613
16w_SITTE12	0.01033121	0.05174033	3.20E-05	0.0066628	0.35381
16w_SITTE12	0.02152336	0.1192748	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.06920835	0.40701038	6.17E-05	0.01192	0.11218
16w_SITTE12	0.0395705	0.22817293	4.98E-05	0.0045122	-0.034672
16w_SITTE12	0.05276156	0.30776897	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.01502431	0.08005894	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01503647	0.08013231	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.0219404	0.12179127	3.49E-05	0.0044169	-0.046619
16w_SITTE12	0.08270343	0.488441	6.35E-05	0.017892	0.12434
16w_SITTE12	0.02660309	0.14992633	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.00564981	0.02349231	3.18E-05	0.0082375	0.59807
16w_SITTE12	0.02492311	0.13978921	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.08385006	0.49535984	6.37E-05	0.01841	0.1176
16w_SITTE12	0.0315485	0.1797674	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.02384601	0.1332899	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.08120338	0.47938952	6.33E-05	0.017113	0.13148
16w_SITTE12	0.01439715	0.07627459	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.03632512	0.20859	4.65E-05	0.0042637	-0.062998
16w_SITTE12	0.01934956	0.10615789	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.02404082	0.13446538	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.0864625	0.5111235	6.40E-05	0.019681	0.099025
16w_SITTE12	0.09411152	0.5572784	6.48E-05	0.022877	-0.0077738
16w_SITTE12	0.07429384	0.4376967	6.24E-05	0.014051	0.13074
16w_SITTE12	0.01718931	0.09312271	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.03194566	0.18216392	4.22E-05	0.0040866	-0.097962
16w_SITTE12	0.13111585	0.7805659	6.70E-05	0.023618	-0.44608
16w_SITTE12	0.06055132	0.3547731	6.05E-05	0.008688	0.07887
16w_SITTE12	0.01742549	0.09454784	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.03170925	0.1807374	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.01577332	0.08457849	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.01326715	0.06945603	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.01018755	0.05087347	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.01161131	0.0594646	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.02774064	0.15679042	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.02179524	0.12091535	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.03090118	0.17586145	4.16E-05	0.0040771	-0.10299

16w_SITTE12	0.09984963	0.5919027	6.53E-05	0.024558	-0.11403
16w_SITTE12	0.01684686	0.09105635	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.02282781	0.12714596	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.13569097	0.80817264	6.72E-05	0.023527	-0.47171
16w_SITTE12	0.10650755	0.63207716	6.58E-05	0.02556	-0.22263
16w_SITTE12	0.0306201	0.17416538	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.03433864	0.1966034	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.01844091	0.10067501	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.08702414	0.5145125	6.41E-05	0.01993	0.093363
16w_SITTE12	0.01592914	0.08551873	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02254834	0.12545966	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.01415695	0.07482521	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.05256156	0.30656216	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.02428558	0.13594228	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.06896596	0.40554783	6.16E-05	0.011695	0.11218
16w_SITTE12	0.10403753	0.61717284	6.56E-05	0.025367	-0.18011
16w_SITTE12	0.1266803	0.7538014	6.68E-05	0.023879	-0.41707
16w_SITTE12	0.01136356	0.05796964	3.21E-05	0.006339	0.32844
16w_SITTE12	0.03520433	0.20182703	4.54E-05	0.0042028	-0.073417
16w_SITTE12	0.01384025	0.07291422	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.02223028	0.12354039	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.01939875	0.10645468	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.0535962	0.31280524	5.91E-05	0.0068337	0.060836
16w_SITTE12	0.10161523	0.60255647	6.54E-05	0.024923	-0.14299
16w_SITTE12	0.01793604	0.09762858	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.03045274	0.17315549	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.07382472	0.43486598	6.23E-05	0.013805	0.12913
16w_SITTE12	0.06622701	0.38902074	6.13E-05	0.010616	0.10013
16w_SITTE12	0.00901029	0.04376975	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.02323461	0.12960061	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.01128331	0.05748538	3.21E-05	0.006339	0.32844
16w_SITTE12	0.09006763	0.5328772	6.44E-05	0.021137	0.05218
16w_SITTE12	0.01797294	0.09785125	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02124565	0.11759908	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.02304469	0.12845466	3.55E-05	0.0043197	-0.065623
16w_SITTE12	0.01898161	0.10393762	3.38E-05	0.004741	0.03364
16w_SITTE12	0.07073301	0.41621035	6.19E-05	0.012376	0.11916
16w_SITTE12	0.01813151	0.09880806	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.0352985	0.20239528	4.59E-05	0.0042319	-0.073417
16w_SITTE12	0.10096064	0.59860665	6.54E-05	0.024809	-0.13341
16w_SITTE12	0.02760857	0.15599352	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.02321598	0.1294882	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.05357784	0.31269446	5.89E-05	0.0067028	0.060836

16w_SITTE12	0.01306152	0.06821528	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.13683982	0.8151049	6.73E-05	0.023528	-0.48029
16w_SITTE12	0.02852641	0.16153185	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.10307594	0.6113705	6.56E-05	0.025216	-0.16182
16w_SITTE12	0.09927759	0.58845097	6.53E-05	0.02442	-0.10426
16w_SITTE12	0.08293913	0.48986322	6.35E-05	0.017892	0.12434
16w_SITTE12	0.01859045	0.10157733	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.09803031	0.5809247	6.52E-05	0.024123	-0.074831
16w_SITTE12	0.0981674	0.58175194	6.52E-05	0.024123	-0.084641
16w_SITTE12	0.02337306	0.13043606	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.12262707	0.72934383	6.67E-05	0.024282	-0.38934
16w_SITTE12	0.01395121	0.07358375	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.09545668	0.5653952	6.49E-05	0.023263	-0.035993
16w_SITTE12	0.03044369	0.1731009	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.06139385	0.359857	6.07E-05	0.0090475	0.082025
16w_SITTE12	0.03704713	0.21294664	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.02170101	0.12034677	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01453961	0.07713422	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.02738939	0.15467097	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.01702295	0.0921189	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02391986	0.13373552	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.06131658	0.35939077	6.06E-05	0.008866	0.082025
16w_SITTE12	0.01003826	0.04997265	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.02890187	0.16379742	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.01070186	0.05397684	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.03183102	0.18147217	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.11301649	0.6713527	6.62E-05	0.025403	-0.29951
16w_SITTE12	0.05113158	0.29793355	5.81E-05	0.006215	0.051138
16w_SITTE12	0.04106919	0.23721613	5.14E-05	0.0046741	-0.017493
16w_SITTE12	0.04162418	0.24056499	5.19E-05	0.0047337	-0.011944
16w_SITTE12	0.02820375	0.15958488	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.00916955	0.04473075	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.12355493	0.7349426	6.67E-05	0.024153	-0.39346
16w_SITTE12	0.03575206	0.2051321	4.59E-05	0.0042319	-0.068307
16w_SITTE12	0.02916618	0.1653923	3.97E-05	0.0040686	-0.10661
16w_SITTE12	0.04142014	0.23933382	5.19E-05	0.0047337	-0.011944
16w_SITTE12	0.01977093	0.10870048	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.01956338	0.10744806	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.03729728	0.21445607	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.03244871	0.1851994	4.27E-05	0.004099	-0.094772
16w_SITTE12	0.08773855	0.5188233	6.41E-05	0.020177	0.080939
16w_SITTE12	0.01737523	0.0942446	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.08017564	0.473188	6.32E-05	0.016594	0.13446

16w_SITTE12	0.12056088	0.71687627	6.66E-05	0.024561	-0.37215
16w_SITTE12	0.07695156	0.45373362	6.28E-05	0.015307	0.13605
16w_SITTE12	0.0075144	0.03474346	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.02129357	0.1178882	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.08090321	0.47757825	6.33E-05	0.017113	0.13314
16w_SITTE12	0.01201329	0.06189014	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.01951203	0.10713825	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.08758362	0.5178884	6.41E-05	0.020177	0.087329
16w_SITTE12	0.07857771	0.46354595	6.30E-05	0.016077	0.13651
16w_SITTE12	0.07178508	0.4225586	6.20E-05	0.012843	0.12348
16w_SITTE12	0.10616149	0.629989	6.58E-05	0.025526	-0.21453
16w_SITTE12	0.00726958	0.03326616	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.01486373	0.07908998	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.02761312	0.15602094	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.11630372	0.69118816	6.64E-05	0.025054	-0.33347
16w_SITTE12	0.0761239	0.44873947	6.26E-05	0.0148	0.1354
16w_SITTE12	0.0228776	0.12744641	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.03442628	0.19713223	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.05062242	0.29486117	5.78E-05	0.0061018	0.048868
16w_SITTE12	0.07163962	0.4216809	6.20E-05	0.012843	0.12348
16w_SITTE12	0.01333714	0.0698784	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.08627725	0.51000565	6.39E-05	0.01943	0.099025
16w_SITTE12	0.0279143	0.15783833	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.09772924	0.579108	6.51E-05	0.023964	-0.074831
16w_SITTE12	0.10696042	0.6348098	6.58E-05	0.025586	-0.22263
16w_SITTE12	0.10840529	0.64352834	6.59E-05	0.025614	-0.24573
16w_SITTE12	0.0121027	0.06242964	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.032656	0.18645017	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.02112377	0.11686364	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.14150807	0.8432735	6.74E-05	0.023575	-0.49999
16w_SITTE12	0.0922938	0.54631007	6.46E-05	0.022042	0.019141
16w_SITTE12	0.08219261	0.4853586	6.35E-05	0.017633	0.1271
16w_SITTE12	0.00891066	0.04316858	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.01559143	0.08348098	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.03253876	0.18574275	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.02637423	0.14854541	3.76E-05	0.0041286	-0.099939
16w_SITTE12	0.106874	0.6342884	6.58E-05	0.025586	-0.22263
16w_SITTE12	0.0136115	0.07153387	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.02820506	0.15959279	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.03193587	0.18210487	4.22E-05	0.0040866	-0.097962
16w_SITTE12	0.11390521	0.6767153	6.62E-05	0.025353	-0.31137
16w_SITTE12	0.05435329	0.3173736	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.03547311	0.20344889	4.59E-05	0.0042319	-0.073417

16w_SITTE12	0.03064388	0.17430884	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.04510031	0.2615403	5.46E-05	0.0051531	0.017239
16w_SITTE12	0.02922718	0.16576035	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.05464887	0.31915715	5.92E-05	0.0069681	0.064127
16w_SITTE12	0.01370303	0.07208619	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.01888622	0.10336205	3.38E-05	0.004741	0.03364
16w_SITTE12	0.03088709	0.17577639	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.02075447	0.11463523	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.0278012	0.15715583	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.02253312	0.1253678	3.52E-05	0.0043661	-0.056631
16w_SITTE12	0.10433238	0.618952	6.56E-05	0.025367	-0.18901
16w_SITTE12	0.01124324	0.0572436	3.21E-05	0.006339	0.32844
16w_SITTE12	0.04268765	0.24698207	5.29E-05	0.0048617	-0.0013165
16w_SITTE12	0.01700412	0.09200526	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.07564155	0.4458289	6.26E-05	0.014549	0.13453
16w_SITTE12	0.02387453	0.13346195	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.05891942	0.34492606	6.02E-05	0.0081753	0.074438
16w_SITTE12	0.01139728	0.05817311	3.21E-05	0.006339	0.32844
16w_SITTE12	0.06859595	0.4033151	6.16E-05	0.011695	0.10977
16w_SITTE12	0.02697601	0.15217659	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.08861966	0.52414	6.42E-05	0.020663	0.074212
16w_SITTE12	0.02653922	0.14954098	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.02295346	0.12790416	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.03449377	0.19753945	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.01611554	0.08664352	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.00691806	0.03114507	3.18E-05	0.00078	0.54183
16w_SITTE12	0.02599886	0.14628036	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.01441248	0.07636708	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01994669	0.10976103	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.11483371	0.682318	6.63E-05	0.025242	-0.32268
16w_SITTE12	0.01365973	0.07182495	3.24E-05	0.0057681	0.20898
16w_SITTE12	0.02067616	0.11416268	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.09041347	0.534964	6.44E-05	0.021369	0.05218
16w_SITTE12	0.01743004	0.09457531	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02689879	0.15171063	3.80E-05	0.0041099	-0.10271
16w_SITTE12	0.02568925	0.14441217	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.0139994	0.07387451	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.03518996	0.20174032	4.54E-05	0.0042028	-0.073417
16w_SITTE12	0.07065735	0.4157538	6.19E-05	0.012376	0.11916
16w_SITTE12	0.08653495	0.5115607	6.40E-05	0.019681	0.099025
16w_SITTE12	0.07775405	0.45857593	6.29E-05	0.015562	0.13662
16w_SITTE12	0.06712703	0.39445156	6.14E-05	0.011039	0.10251
16w_SITTE12	0.01320513	0.06908186	3.24E-05	0.0057681	0.23179

16w_SITTE12	0.08494598	0.5019727	6.38E-05	0.018923	0.10916
16w_SITTE12	0.00932542	0.04567131	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.02389979	0.1336144	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.03062511	0.17419559	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.08084712	0.47723982	6.33E-05	0.017113	0.13314
16w_SITTE12	0.06326103	0.37112376	6.09E-05	0.0096122	0.087254
16w_SITTE12	0.11385196	0.676394	6.62E-05	0.025353	-0.31137
16w_SITTE12	0.01218168	0.06290624	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.01392395	0.07341927	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.01230686	0.06366158	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.10438633	0.61927754	6.56E-05	0.025367	-0.18901
16w_SITTE12	0.09006969	0.5328896	6.44E-05	0.021137	0.05218
16w_SITTE12	0.0739054	0.43535283	6.23E-05	0.013805	0.13074
16w_SITTE12	0.01659421	0.08953188	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.11110504	0.6598188	6.61E-05	0.025556	-0.28058
16w_SITTE12	0.04777885	0.27770287	5.64E-05	0.0055867	0.035328
16w_SITTE12	0.01515989	0.08087703	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.02546838	0.1430794	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.01289602	0.06721665	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.07946428	0.4688956	6.31E-05	0.016335	0.13545
16w_SITTE12	0.08545698	0.5050561	6.39E-05	0.019177	0.1043
16w_SITTE12	0.01181307	0.06068203	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.02085705	0.11525423	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.07473865	0.44038075	6.25E-05	0.014299	0.13218
16w_SITTE12	0.08994541	0.53213966	6.44E-05	0.021137	0.05218
16w_SITTE12	0.03860197	0.22232868	4.87E-05	0.0044183	-0.040459
16w_SITTE12	0.03827958	0.22038336	4.87E-05	0.0044183	-0.04622
16w_SITTE12	0.13738512	0.81839526	6.73E-05	0.02353	-0.48301
16w_SITTE12	0.01134441	0.05785405	3.21E-05	0.006339	0.32844
16w_SITTE12	0.08480495	0.5011217	6.38E-05	0.018923	0.1136
16w_SITTE12	0.08142992	0.4807565	6.34E-05	0.017373	0.13148
16w_SITTE12	0.1350496	0.8043025	6.72E-05	0.023533	-0.46872
16w_SITTE12	0.01466981	0.07791983	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.08281831	0.48913416	6.35E-05	0.017892	0.12434
16w_SITTE12	0.03588391	0.20592768	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.05890797	0.34485698	6.02E-05	0.0081753	0.074438
16w_SITTE12	0.01931472	0.10594765	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.01368214	0.07196014	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.00801336	0.03775422	3.19E-05	0.0073923	0.48652
16w_SITTE12	0.0118582	0.0609543	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.11398963	0.6772247	6.62E-05	0.025353	-0.31137
16w_SITTE12	0.0661448	0.38852465	6.13E-05	0.010616	0.10013
16w_SITTE12	0.10678139	0.6337296	6.58E-05	0.02556	-0.22263

16w_SITTE12	0.05321386	0.3104982	5.89E-05	0.0067028	0.059084
16w_SITTE12	0.04950146	0.2880972	5.73E-05	0.0058857	0.04392
16w_SITTE12	0.04871545	0.28335434	5.70E-05	0.0057827	0.041222
16w_SITTE12	0.02226871	0.1237723	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.01703661	0.09220133	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.01579541	0.08471183	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.11553887	0.68657297	6.63E-05	0.025182	-0.32814
16w_SITTE12	0.03614398	0.20749697	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.01053044	0.05294247	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.0331455	0.18940386	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.07725431	0.45556048	6.28E-05	0.015307	0.13646
16w_SITTE12	0.02370531	0.1324409	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.08286561	0.48941958	6.35E-05	0.017892	0.12434
16w_SITTE12	0.07354713	0.43319097	6.23E-05	0.013805	0.12913
16w_SITTE12	0.02982618	0.16937478	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.08561872	0.50603205	6.39E-05	0.019177	0.1043
16w_SITTE12	0.03055771	0.17378889	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.08949765	0.52943784	6.43E-05	0.020902	0.059815
16w_SITTE12	0.07079478	0.41658303	6.20E-05	0.012608	0.11916
16w_SITTE12	0.07886323	0.46526885	6.30E-05	0.016077	0.13613
16w_SITTE12	0.01735455	0.0941198	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.0331567	0.18947147	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.08468796	0.50041574	6.38E-05	0.018923	0.1136
16w_SITTE12	0.02855613	0.16171117	3.93E-05	0.004074	-0.10664
16w_SITTE12	0.01823388	0.09942576	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01448867	0.0768268	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.11047024	0.6559884	6.60E-05	0.02558	-0.27396
16w_SITTE12	0.02699287	0.15227835	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.01150694	0.05883481	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.06839857	0.40212414	6.16E-05	0.011474	0.10977
16w_SITTE12	0.0868184	0.51327103	6.40E-05	0.019681	0.093363
16w_SITTE12	0.06496669	0.3814158	6.11E-05	0.010206	0.093303
16w_SITTE12	0.08528622	0.5040257	6.39E-05	0.019177	0.10916
16w_SITTE12	0.11549659	0.68631786	6.63E-05	0.025182	-0.32814
16w_SITTE12	0.01440442	0.07631847	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.03970761	0.22900024	4.98E-05	0.0045122	-0.028892
16w_SITTE12	0.095385	0.5649627	6.49E-05	0.023263	-0.026471
16w_SITTE12	0.07673594	0.4524326	6.27E-05	0.015053	0.13605
16w_SITTE12	0.0331249	0.18927956	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.07027462	0.41344437	6.19E-05	0.012376	0.11689
16w_SITTE12	0.04189984	0.24222834	5.19E-05	0.0047337	-0.00654
16w_SITTE12	0.0169347	0.09158641	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.0291754	0.16544788	3.97E-05	0.0040686	-0.10661

16w_SITTE12	0.01171423	0.06008557	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.01798086	0.09789904	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.11178015	0.6638925	6.61E-05	0.025489	-0.28705
16w_SITTE12	0.04232601	0.24479991	5.24E-05	0.0047963	-0.00654
16w_SITTE12	0.00983712	0.04875897	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.01221753	0.06312255	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.01188942	0.06114274	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.02857808	0.16184361	3.93E-05	0.004074	-0.10664
16w_SITTE12	0.02717107	0.15335362	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.02682798	0.1512834	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.0230894	0.12872444	3.55E-05	0.0043197	-0.065623
16w_SITTE12	0.09973891	0.59123456	6.53E-05	0.024558	-0.10426
16w_SITTE12	0.11087971	0.6584592	6.61E-05	0.025556	-0.28058
16w_SITTE12	0.01779717	0.09679061	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01942563	0.10661686	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.02854572	0.16164836	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.01421893	0.07519922	3.25E-05	0.0056405	0.18676
16w_SITTE12	0.04707795	0.27347356	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.09690557	0.5741379	6.51E-05	0.023799	-0.055297
16w_SITTE12	0.01448832	0.07682472	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.0712319	0.4192207	6.20E-05	0.012608	0.12136
16w_SITTE12	0.02960676	0.16805077	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.02328001	0.12987462	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.01907074	0.10447547	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01688736	0.09130074	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.02264006	0.12601307	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.04429579	0.25668573	5.42E-05	0.0050757	0.012967
16w_SITTE12	0.13445552	0.8007178	6.71E-05	0.023539	-0.46567
16w_SITTE12	0.05043713	0.29374313	5.78E-05	0.0061018	0.048868
16w_SITTE12	0.00675106	0.03013741	3.18E-05	0.0078	0.54183
16w_SITTE12	0.01443226	0.07648645	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.02687986	0.15159643	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.01175798	0.0603496	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.01668963	0.09010759	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.11299303	0.6712112	6.62E-05	0.025403	-0.29951
16w_SITTE12	0.08087484	0.47740707	6.33E-05	0.017113	0.13314
16w_SITTE12	0.09174366	0.5429905	6.45E-05	0.021822	0.027741
16w_SITTE12	0.00458863	0.0170891	3.18E-05	0.0087056	0.65503
16w_SITTE12	0.0419278	0.2423971	5.19E-05	0.0047337	-0.00654
16w_SITTE12	0.02710653	0.15296417	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.01108002	0.05625873	3.21E-05	0.006339	0.32844
16w_SITTE12	0.0807462	0.47663087	6.33E-05	0.017113	0.13314
16w_SITTE12	0.1061636	0.6300017	6.58E-05	0.025526	-0.21453

16w_SITTE12	0.0527442	0.30766425	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.02456817	0.13764745	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.04885825	0.28421605	5.70E-05	0.0057827	0.041222
16w_SITTE12	0.01718782	0.09311373	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.03206343	0.18287458	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.06927674	0.40742308	6.17E-05	0.01192	0.11218
16w_SITTE12	0.11736243	0.6975765	6.64E-05	0.024917	-0.34377
16w_SITTE12	0.09491688	0.562138	6.49E-05	0.023073	-0.026471
16w_SITTE12	0.02264316	0.12603179	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.00687843	0.03090593	3.18E-05	0.0078	0.54183
16w_SITTE12	0.01936326	0.10624053	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.11774412	0.69987965	6.64E-05	0.024917	-0.34876
16w_SITTE12	0.02516807	0.14126728	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.10645209	0.63174254	6.58E-05	0.02556	-0.22263
16w_SITTE12	0.10243789	0.60752046	6.55E-05	0.025127	-0.15246
16w_SITTE12	0.09442694	0.55918163	6.48E-05	0.022877	-0.017059
16w_SITTE12	0.05866224	0.34337425	6.02E-05	0.0081753	0.074438
16w_SITTE12	0.03423571	0.1959823	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.02104442	0.11638482	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.03768444	0.21679223	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.12782559	0.76071215	6.69E-05	0.023794	-0.4246
16w_SITTE12	0.01519587	0.08109417	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.10227569	0.60654175	6.55E-05	0.025029	-0.15246
16w_SITTE12	0.08520577	0.5035403	6.39E-05	0.019177	0.10916
16w_SITTE12	0.09537486	0.5649015	6.49E-05	0.023263	-0.026471
16w_SITTE12	0.10252588	0.60805136	6.55E-05	0.025127	-0.15246
16w_SITTE12	0.00976681	0.04833467	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.02719795	0.1535158	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.01430627	0.07572623	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.04275761	0.24740423	5.29E-05	0.0048617	-0.0013165
16w_SITTE12	0.02894208	0.16404003	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.01878401	0.1027453	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01594195	0.08559604	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01463183	0.07769068	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.02652319	0.14944421	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.0855779	0.5057857	6.39E-05	0.019177	0.1043
16w_SITTE12	0.08918738	0.52756566	6.43E-05	0.020902	0.067165
16w_SITTE12	0.07333294	0.43189856	6.23E-05	0.013561	0.12913
16w_SITTE12	0.10059509	0.5964008	6.53E-05	0.024687	-0.12375
16w_SITTE12	0.14526206	0.8659255	6.75E-05	0.023641	-0.51294
16w_SITTE12	0.02092228	0.11564779	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.08843873	0.5230483	6.42E-05	0.020421	0.074212
16w_SITTE12	0.01012687	0.0505073	3.20E-05	0.0066628	0.37961

16w_SITTE12	0.06315399	0.37047786	6.09E-05	0.0096122	0.087254
16w_SITTE12	0.09307406	0.55101824	6.47E-05	0.022469	0.010343
16w_SITTE12	0.053101	0.3098172	5.89E-05	0.0067028	0.059084
16w_SITTE12	0.11376578	0.675874	6.62E-05	0.025353	-0.31137
16w_SITTE12	0.02320454	0.12941922	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.11958738	0.7110021	6.65E-05	0.024632	-0.36308
16w_SITTE12	0.09284324	0.54962546	6.46E-05	0.022258	0.010343
16w_SITTE12	0.03425063	0.19607234	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.02859284	0.16193269	3.93E-05	0.004074	-0.10664
16w_SITTE12	0.01240378	0.06424642	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.04986996	0.2903208	5.76E-05	0.005992	0.046466
16w_SITTE12	0.14515139	0.8652577	6.75E-05	0.023641	-0.51294
16w_SITTE12	0.10014867	0.5937071	6.53E-05	0.024687	-0.11403
16w_SITTE12	0.11621623	0.69066024	6.64E-05	0.025054	-0.33347
16w_SITTE12	0.04325298	0.25039333	5.33E-05	0.0049301	0.0036923
16w_SITTE12	0.101447	0.60154134	6.54E-05	0.024923	-0.13341
16w_SITTE12	0.01761416	0.09568629	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01527572	0.08157593	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01727689	0.09365123	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.06042014	0.35398158	6.05E-05	0.008688	0.07887
16w_SITTE12	0.0123984	0.06421397	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.07318156	0.43098512	6.23E-05	0.013561	0.12737
16w_SITTE12	0.01524167	0.08137047	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01560321	0.08355206	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.02008548	0.11059852	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.03437267	0.19680874	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.05878881	0.34413797	6.02E-05	0.0081753	0.074438
16w_SITTE12	0.00783121	0.03665512	3.19E-05	0.0073923	0.48652
16w_SITTE12	0.03637634	0.20889902	4.65E-05	0.0042637	-0.062998
16w_SITTE12	0.02805385	0.15868041	3.88E-05	0.0040827	-0.10603
16w_SITTE12	0.11358118	0.6747601	6.62E-05	0.025353	-0.30551
16w_SITTE12	0.11636912	0.6915828	6.64E-05	0.025054	-0.33347
16w_SITTE12	0.07234668	0.42594737	6.21E-05	0.01308	0.12548
16w_SITTE12	0.01143486	0.05839988	3.21E-05	0.006339	0.30353
16w_SITTE12	0.10551095	0.6260636	6.57E-05	0.025482	-0.20623
16w_SITTE12	0.01150545	0.0588258	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.09761289	0.578406	6.51E-05	0.023964	-0.074831
16w_SITTE12	0.07615615	0.44893408	6.26E-05	0.0148	0.1354
16w_SITTE12	0.02294845	0.12787394	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02146404	0.11891687	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01227648	0.06347827	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.06570949	0.385898	6.12E-05	0.01041	0.097788
16w_SITTE12	0.01552628	0.08308785	3.28E-05	0.0052924	0.1442

16w_SITTE12	0.0101784	0.05081829	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.00883146	0.0426907	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.02029743	0.1118774	3.42E-05	0.0045972	-0.01065
16w_SITTE12	0.10118356	0.59995174	6.54E-05	0.024809	-0.13341
16w_SITTE12	0.02267689	0.1262353	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.07790469	0.45948493	6.29E-05	0.015562	0.13662
16w_SITTE12	0.08955064	0.5297576	6.43E-05	0.020902	0.059815
16w_SITTE12	0.10001216	0.5928834	6.53E-05	0.024558	-0.11403
16w_SITTE12	0.01771919	0.09632008	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.03488012	0.19987072	4.54E-05	0.0042028	-0.078293
16w_SITTE12	0.0840022	0.49627784	6.37E-05	0.01841	0.1176
16w_SITTE12	0.03180127	0.18129262	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.05444052	0.3179	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.11172144	0.6635383	6.61E-05	0.025525	-0.28705
16w_SITTE12	0.01439983	0.07629078	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01297733	0.06770726	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.07592204	0.44752145	6.26E-05	0.0148	0.13453
16w_SITTE12	0.04776256	0.27760455	5.64E-05	0.0055867	0.035328
16w_SITTE12	0.01707251	0.09241793	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02459963	0.1378373	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02559595	0.14384915	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.02840862	0.1608211	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.1155214	0.6864676	6.63E-05	0.025182	-0.32814
16w_SITTE12	0.09074418	0.5369596	6.45E-05	0.021597	0.044278
16w_SITTE12	0.01794935	0.0977089	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01903022	0.10423095	3.38E-05	0.004741	0.03364
16w_SITTE12	0.07049142	0.41475254	6.19E-05	0.012376	0.11689
16w_SITTE12	0.07733657	0.45605683	6.28E-05	0.015307	0.13646
16w_SITTE12	0.0102699	0.0513704	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.09028681	0.5341998	6.44E-05	0.021369	0.05218
16w_SITTE12	0.11361565	0.67496806	6.62E-05	0.025353	-0.30551
16w_SITTE12	0.01378156	0.07256009	3.25E-05	0.0056405	0.20898
16w_SITTE12	0.03237606	0.18476096	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.10405507	0.6172787	6.56E-05	0.025367	-0.18011
16w_SITTE12	0.05899045	0.34535468	6.02E-05	0.0081753	0.075889
16w_SITTE12	0.02250513	0.1251989	3.52E-05	0.0043661	-0.056631
16w_SITTE12	0.0716641	0.42182863	6.20E-05	0.012843	0.12348
16w_SITTE12	0.02448642	0.13715419	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02736297	0.15451153	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.01821281	0.09929861	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.02203772	0.12237848	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.03602635	0.20678718	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.0453663	0.2631453	5.50E-05	0.0052335	0.021279

16w_SITTE12	0.08529699	0.50409067	6.39E-05	0.019177	0.10916
16w_SITTE12	0.0230601	0.12854762	3.55E-05	0.0043197	-0.065623
16w_SITTE12	0.05270539	0.30743003	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.01019325	0.05090789	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.01435489	0.07601956	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.04832943	0.2810251	5.67E-05	0.0056831	0.038361
16w_SITTE12	0.02706336	0.15270364	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.11253393	0.6684409	6.62E-05	0.025448	-0.29951
16w_SITTE12	0.00731531	0.03354209	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.15090322	0.89996475	6.77E-05	0.023702	-0.52376
16w_SITTE12	0.09407833	0.5570781	6.48E-05	0.022877	-0.0077738
16w_SITTE12	0.05764401	0.33723015	6.00E-05	0.0078516	0.071569
16w_SITTE12	0.12535599	0.7458104	6.68E-05	0.023978	-0.40938
16w_SITTE12	0.02843621	0.16098756	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.01488351	0.07920936	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.02900543	0.1644223	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.06707162	0.39411715	6.14E-05	0.011039	0.10251
16w_SITTE12	0.07435547	0.43806857	6.24E-05	0.014051	0.13074
16w_SITTE12	0.08613426	0.5091429	6.39E-05	0.01943	0.099025
16w_SITTE12	0.02192812	0.12171714	3.49E-05	0.0044169	-0.046619
16w_SITTE12	0.01240259	0.0642392	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.01221274	0.06309363	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.03431916	0.19648586	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.01879951	0.10283881	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01104438	0.05604364	3.21E-05	0.006339	0.32844
16w_SITTE12	0.02514023	0.1410993	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.00885019	0.04280372	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.01526742	0.08152586	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.02108767	0.11664578	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.01500548	0.0799453	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.03840689	0.22115158	4.87E-05	0.0044183	-0.04622
16w_SITTE12	0.02268342	0.12627469	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.01585804	0.08508973	3.28E-05	0.0052924	0.12392
16w_SITTE12	0.01687899	0.09125026	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.0154779	0.0827959	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.0152165	0.08121861	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01141002	0.05824996	3.21E-05	0.006339	0.32844
16w_SITTE12	0.06271993	0.36785868	6.08E-05	0.0094206	0.085432
16w_SITTE12	0.01680708	0.09081633	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.0325573	0.1858546	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.12028262	0.7151972	6.66E-05	0.024561	-0.37215
16w_SITTE12	0.07528499	0.4436774	6.26E-05	0.014549	0.13345
16w_SITTE12	0.07215753	0.424806	6.21E-05	0.01308	0.12348

16w_SITTE12	0.00838696	0.04000854	3.19E-05	0.0071994	0.45929
16w_SITTE12	0.02069154	0.11425555	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.0776206	0.45777068	6.29E-05	0.015562	0.13646
16w_SITTE12	0.04150559	0.23984942	5.19E-05	0.0047337	-0.011944
16w_SITTE12	0.02685616	0.15145342	3.80E-05	0.0041099	-0.099939
16w_SITTE12	0.03243412	0.18511131	4.27E-05	0.004099	-0.094772
16w_SITTE12	0.02285355	0.12730129	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.07422907	0.43730587	6.24E-05	0.014051	0.13074
16w_SITTE12	0.08720814	0.5156228	6.41E-05	0.01993	0.087329
16w_SITTE12	0.06098078	0.3573645	6.06E-05	0.008866	0.080421
16w_SITTE12	0.03801553	0.21879007	4.81E-05	0.0043756	-0.04622
16w_SITTE12	0.01920275	0.10527203	3.38E-05	0.004741	0.017998
16w_SITTE12	0.09874785	0.58525443	6.52E-05	0.024275	-0.094455
16w_SITTE12	0.01316437	0.06883588	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.00761372	0.03534278	3.19E-05	0.0073923	0.48652
16w_SITTE12	0.03023973	0.17187017	4.07E-05	0.0040668	-0.10475
16w_SITTE12	0.12110245	0.72014415	6.66E-05	0.02449	-0.37656
16w_SITTE12	0.02116117	0.11708928	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.05515406	0.32220554	5.94E-05	0.0071062	0.065685
16w_SITTE12	0.01762939	0.09577821	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.09142398	0.5410615	6.45E-05	0.021822	0.036126
16w_SITTE12	0.00958973	0.04726616	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.01217997	0.06289592	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.0190919	0.10460313	3.38E-05	0.004741	0.03364
16w_SITTE12	0.07691632	0.45352095	6.28E-05	0.015307	0.13605
16w_SITTE12	0.02255253	0.12548491	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02440949	0.13668999	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.10867368	0.6451478	6.59E-05	0.025616	-0.25305
16w_SITTE12	0.09587034	0.56789124	6.50E-05	0.023448	-0.035993
16w_SITTE12	0.07623963	0.4494378	6.26E-05	0.0148	0.1354
16w_SITTE12	0.11836975	0.70365477	6.65E-05	0.024847	-0.35363
16w_SITTE12	0.02033997	0.11213414	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.14795826	0.8821946	6.76E-05	0.02368	-0.51946
16w_SITTE12	0.12804888	0.76205957	6.69E-05	0.023757	-0.4283
16w_SITTE12	0.09899234	0.5867297	6.52E-05	0.024275	-0.094455
16w_SITTE12	0.02544623	0.14294575	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.08322622	0.4915955	6.36E-05	0.018151	0.12434
16w_SITTE12	0.00954052	0.04696921	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.08159865	0.4817746	6.34E-05	0.017373	0.12948
16w_SITTE12	0.02624825	0.14778523	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.02802275	0.15849273	3.88E-05	0.0040827	-0.10603
16w_SITTE12	0.01693121	0.09156531	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.0145292	0.0770714	3.26E-05	0.0055188	0.18676

16w_SITTE12	0.07314274	0.43075085	6.23E-05	0.013561	0.12737
16w_SITTE12	0.09696006	0.57446676	6.51E-05	0.023799	-0.055297
16w_SITTE12	0.06268141	0.36762625	6.08E-05	0.0094206	0.085432
16w_SITTE12	0.01984061	0.10912091	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.07485292	0.44107026	6.25E-05	0.014299	0.13218
16w_SITTE12	0.02481512	0.13913757	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.04713382	0.27381068	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.07151716	0.42094195	6.20E-05	0.012843	0.12136
16w_SITTE12	0.02033985	0.11213337	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.05360156	0.3128376	5.91E-05	0.0068337	0.060836
16w_SITTE12	0.06734573	0.39577118	6.14E-05	0.011039	0.10492
16w_SITTE12	0.00833618	0.03970216	3.19E-05	0.0071994	0.45929
16w_SITTE12	0.00913919	0.04454759	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.06192051	0.36303493	6.07E-05	0.0092324	0.083692
16w_SITTE12	0.01684673	0.09105559	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.0865233	0.5114904	6.40E-05	0.019681	0.099025
16w_SITTE12	0.03085109	0.17555918	4.11E-05	0.0040705	-0.10299
16w_SITTE12	0.10794676	0.6407615	6.59E-05	0.025614	-0.23822
16w_SITTE12	0.0371205	0.2133894	4.76E-05	0.0043355	-0.057524
16w_SITTE12	0.01058581	0.0532766	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.07845035	0.46277744	6.29E-05	0.015819	0.13651
16w_SITTE12	0.01560782	0.08357987	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.07564085	0.44582468	6.26E-05	0.014549	0.13453
16w_SITTE12	0.01734429	0.09405787	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.05228861	0.30491516	5.85E-05	0.0064518	0.055318
16w_SITTE12	0.0393656	0.2269365	4.98E-05	0.0045122	-0.034672
16w_SITTE12	0.0193909	0.10640734	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.04317715	0.24993579	5.33E-05	0.0049301	0.0036923
16w_SITTE12	0.03050761	0.17348658	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.02501487	0.14034288	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.01304418	0.06811065	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.01493177	0.07950053	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.05333558	0.3112327	5.89E-05	0.0067028	0.059084
16w_SITTE12	0.01909489	0.10462116	3.38E-05	0.004741	0.03364
16w_SITTE12	0.02324163	0.12964302	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.03785515	0.21782234	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.05920209	0.34663174	6.03E-05	0.0083426	0.075889
16w_SITTE12	0.0391504	0.225638	4.92E-05	0.0044639	-0.034672
16w_SITTE12	0.12300988	0.73165375	6.67E-05	0.024217	-0.38934
16w_SITTE12	0.04324493	0.25034475	5.33E-05	0.0049301	0.0036923
16w_SITTE12	0.01523016	0.08130103	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01482279	0.07884294	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.0898106	0.53132623	6.44E-05	0.021137	0.059815

16w_SITTE12	0.02087564	0.11536642	3.44E-05	0.0045325	-0.023601
16w_SITTE12	0.12036607	0.71570075	6.66E-05	0.024561	-0.37215
16w_SITTE12	0.03650096	0.20965102	4.70E-05	0.0042982	-0.062998
16w_SITTE12	0.02967021	0.16843364	4.02E-05	0.0040662	-0.10597
16w_SITTE12	0.02953214	0.16760048	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.09180889	0.5433841	6.45E-05	0.021822	0.027741
16w_SITTE12	0.01861694	0.1017372	3.36E-05	0.0048202	0.03364
16w_SITTE12	0.02359085	0.13175024	3.58E-05	0.0042778	-0.073623
16w_SITTE12	0.07531568	0.44386262	6.26E-05	0.014549	0.13345
16w_SITTE12	0.0232318	0.1295837	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.02482783	0.13921426	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.03866986	0.22273837	4.92E-05	0.0044639	-0.040459
16w_SITTE12	0.1396761	0.83221924	6.73E-05	0.023551	-0.49317
16w_SITTE12	0.08216798	0.48521	6.35E-05	0.017633	0.1271
16w_SITTE12	0.03254965	0.18580845	4.32E-05	0.0041142	-0.094772
16w_SITTE12	0.00956273	0.04710324	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.02636676	0.14850032	3.76E-05	0.0041286	-0.099939
16w_SITTE12	0.08829984	0.5222102	6.42E-05	0.020421	0.074212
16w_SITTE12	0.1061193	0.6297344	6.58E-05	0.025526	-0.21453
16w_SITTE12	0.08431996	0.49819526	6.37E-05	0.018667	0.1176
16w_SITTE12	0.07241686	0.42637086	6.21E-05	0.01308	0.12548
16w_SITTE12	0.02090276	0.11553007	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.01130747	0.05763118	3.21E-05	0.006339	0.32844
16w_SITTE12	0.07027634	0.4134547	6.19E-05	0.012376	0.11689
16w_SITTE12	0.01130187	0.05759737	3.21E-05	0.006339	0.32844
16w_SITTE12	0.09964636	0.5906761	6.53E-05	0.024558	-0.10426
16w_SITTE12	0.016663	0.08994691	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.02349754	0.1311872	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.11866991	0.705466	6.65E-05	0.024776	-0.3584
16w_SITTE12	0.01074526	0.05423875	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.02510449	0.14088367	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.02252246	0.12530342	3.52E-05	0.0043661	-0.056631
16w_SITTE12	0.02357577	0.13165925	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.07921907	0.467416	6.31E-05	0.016335	0.13613
16w_SITTE12	0.11909024	0.7080023	6.65E-05	0.024704	-0.3584
16w_SITTE12	0.10470044	0.6211729	6.57E-05	0.025429	-0.18901
16w_SITTE12	0.11733672	0.6974214	6.64E-05	0.024917	-0.34377
16w_SITTE12	0.08278208	0.48891553	6.35E-05	0.017892	0.12434
16w_SITTE12	0.02137265	0.11836538	3.47E-05	0.0044724	-0.0356
16w_SITTE12	0.02486772	0.13945495	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.0091802	0.04479503	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.01219967	0.06301478	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.06651346	0.39074922	6.13E-05	0.010826	0.10013

16w_SITTE12	0.11546062	0.68610084	6.63E-05	0.025182	-0.32814
16w_SITTE12	0.05762171	0.3370956	6.00E-05	0.0078516	0.071569
16w_SITTE12	0.01503643	0.08013206	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.01067231	0.05379859	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.01805677	0.09835704	3.34E-05	0.0049043	0.050123
16w_SITTE12	0.01544926	0.08262313	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.02265209	0.12608565	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.0529464	0.30888435	5.87E-05	0.0065755	0.059084
16w_SITTE12	0.0471092	0.27366212	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.01615345	0.08687224	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01043795	0.05238443	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.08417393	0.49731407	6.37E-05	0.018667	0.1176
16w_SITTE12	0.08687768	0.5136287	6.41E-05	0.01993	0.093363
16w_SITTE12	0.01144654	0.05847031	3.21E-05	0.006339	0.30353
16w_SITTE12	0.01955782	0.10741452	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.11899529	0.70742935	6.65E-05	0.024704	-0.3584
16w_SITTE12	0.07876489	0.46467543	6.30E-05	0.016077	0.13651
16w_SITTE12	0.12172086	0.72387564	6.66E-05	0.024419	-0.38089
16w_SITTE12	0.07692959	0.4536011	6.28E-05	0.015307	0.13605
16w_SITTE12	0.01443673	0.07651339	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.02261042	0.12583421	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.05705334	0.333666	5.99E-05	0.0076952	0.070131
16w_SITTE12	0.07271075	0.4281442	6.22E-05	0.01332	0.12548
16w_SITTE12	0.0979372	0.58036286	6.52E-05	0.024123	-0.074831
16w_SITTE12	0.07522123	0.44329265	6.26E-05	0.014549	0.13345
16w_SITTE12	0.03781745	0.21759482	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.06712369	0.39443135	6.14E-05	0.011039	0.10251
16w_SITTE12	0.07576029	0.44654542	6.26E-05	0.0148	0.13453
16w_SITTE12	0.05098542	0.29705155	5.81E-05	0.006215	0.051138
16w_SITTE12	0.0763609	0.45016956	6.27E-05	0.015053	0.1354
16w_SITTE12	0.02780071	0.1571529	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.00612362	0.02635133	3.18E-05	0.008015	0.56984
16w_SITTE12	0.11411485	0.6779803	6.63E-05	0.025299	-0.31137
16w_SITTE12	0.12375302	0.7361379	6.67E-05	0.024153	-0.39752
16w_SITTE12	0.10497983	0.62285876	6.57E-05	0.025429	-0.19772
16w_SITTE12	0.06900337	0.40577352	6.16E-05	0.011695	0.11218
16w_SITTE12	0.03231695	0.18440431	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.02766222	0.15631723	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.01579732	0.08472337	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.01958037	0.10755063	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.05166515	0.30115315	5.83E-05	0.0063316	0.053285
16w_SITTE12	0.0741472	0.4368119	6.24E-05	0.014051	0.13074
16w_SITTE12	0.11730244	0.69721454	6.64E-05	0.024986	-0.34377

16w_SITTE12	0.01976025	0.10863604	3.40E-05	0.0046667	0.0032259
16w_SITTE12	0.01274681	0.06631628	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.09502953	0.56281775	6.49E-05	0.023073	-0.026471
16w_SITTE12	0.05632374	0.3292635	5.97E-05	0.0073934	0.068678
16w_SITTE12	0.03023359	0.17183313	4.07E-05	0.0040668	-0.10475
16w_SITTE12	0.0237279	0.13257721	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.06203187	0.3637069	6.07E-05	0.0092324	0.083692
16w_SITTE12	0.08149762	0.48116496	6.34E-05	0.017373	0.13148
16w_SITTE12	0.02081513	0.11500128	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.09368715	0.55471766	6.48E-05	0.022676	0.0013661
16w_SITTE12	0.05352088	0.3123508	5.89E-05	0.0067028	0.060836
16w_SITTE12	0.09921901	0.58809745	6.53E-05	0.02442	-0.094455
16w_SITTE12	0.02366816	0.13221674	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.08285888	0.48937896	6.35E-05	0.017892	0.12434
16w_SITTE12	0.0470822	0.2734992	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.02151327	0.11921391	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.00564334	0.02345332	3.18E-05	0.0082375	0.59807
16w_SITTE12	0.03120859	0.17771639	4.16E-05	0.0040771	-0.10299
16w_SITTE12	0.00514058	0.02041958	3.18E-05	0.0084677	0.62647
16w_SITTE12	0.01947549	0.10691776	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.07797544	0.4599118	6.29E-05	0.015819	0.13662
16w_SITTE12	0.08714219	0.5152248	6.41E-05	0.01993	0.087329
16w_SITTE12	0.02981838	0.16932769	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.02357075	0.13162895	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.04312468	0.24961916	5.33E-05	0.0049301	0.0036923
16w_SITTE12	0.0955608	0.56602347	6.49E-05	0.023263	-0.035993
16w_SITTE12	0.01043214	0.05234936	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.01191336	0.06128718	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.10053416	0.5960332	6.53E-05	0.024687	-0.12375
16w_SITTE12	0.02331052	0.13005869	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.09088419	0.5378044	6.45E-05	0.021597	0.044278
16w_SITTE12	0.01334592	0.06993138	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.09098385	0.5384058	6.45E-05	0.021597	0.036126
16w_SITTE12	0.06416655	0.37658772	6.10E-05	0.010005	0.091185
16w_SITTE12	0.10238298	0.6071891	6.55E-05	0.025127	-0.15246
16w_SITTE12	0.01601479	0.0860356	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.05950398	0.34845334	6.03E-05	0.0083426	0.077363
16w_SITTE12	0.0363855	0.20895435	4.65E-05	0.0042637	-0.062998
16w_SITTE12	0.04599099	0.26691473	5.54E-05	0.0053171	0.025099
16w_SITTE12	0.01752688	0.09515969	3.33E-05	0.0049935	0.067421
16w_SITTE12	0.01597963	0.08582339	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01830436	0.09985107	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.02654858	0.14959742	3.80E-05	0.0041099	-0.099939

16w_SITTE12	0.0300267	0.17058474	4.07E-05	0.0040668	-0.10597
16w_SITTE12	0.01945338	0.10678433	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.07840281	0.46249062	6.29E-05	0.015819	0.13651
16w_SITTE12	0.11058413	0.65667564	6.60E-05	0.02558	-0.27396
16w_SITTE12	0.02725508	0.15386051	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.02167572	0.12019412	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.07938635	0.46842536	6.31E-05	0.016335	0.13545
16w_SITTE12	0.10683058	0.63402635	6.58E-05	0.025586	-0.22263
16w_SITTE12	0.03166789	0.18048784	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.06261597	0.36723137	6.08E-05	0.0094206	0.085432
16w_SITTE12	0.02073284	0.1145047	3.44E-05	0.0045325	-0.01065
16w_SITTE12	0.12550576	0.7467141	6.68E-05	0.023978	-0.40938
16w_SITTE12	0.02111255	0.11679591	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.01968381	0.10817477	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.01605221	0.08626136	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01315201	0.06876129	3.24E-05	0.0057681	0.23179
16w_SITTE12	0.02848736	0.16129619	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.09618742	0.56980455	6.50E-05	0.023448	-0.045608
16w_SITTE12	0.01462513	0.0776502	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.09077767	0.53716165	6.45E-05	0.021597	0.044278
16w_SITTE12	0.06963304	0.409573	6.17E-05	0.01192	0.11455
16w_SITTE12	0.02385174	0.13332444	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.03681865	0.211568	4.70E-05	0.0042982	-0.062998
16w_SITTE12	0.01003846	0.04997383	3.20E-05	0.0066628	0.37961
16w_SITTE12	0.01857123	0.10146139	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01559481	0.08350138	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.10655484	0.6323625	6.58E-05	0.02556	-0.22263
16w_SITTE12	0.0285136	0.16145456	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.10032903	0.59479547	6.53E-05	0.024687	-0.11403
16w_SITTE12	0.02175214	0.12065527	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01922176	0.10538673	3.40E-05	0.0046667	0.017998
16w_SITTE12	0.0306409	0.17429087	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.01835473	0.10015499	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01456031	0.0772591	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.01766166	0.09597291	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.0544597	0.31801572	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.09497644	0.5624974	6.49E-05	0.023073	-0.026471
16w_SITTE12	0.01213033	0.06259637	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.0437615	0.2534618	5.38E-05	0.0050014	0.008455
16w_SITTE12	0.04780142	0.277839	5.64E-05	0.0055867	0.035328
16w_SITTE12	0.08931637	0.528344	6.43E-05	0.020902	0.059815
16w_SITTE12	0.09123483	0.53992015	6.45E-05	0.021597	0.036126
16w_SITTE12	0.02216205	0.12312871	3.52E-05	0.0043661	-0.046619

16w_SITTE12	0.01662597	0.08972346	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.0725883	0.42740533	6.22E-05	0.01332	0.12548
16w_SITTE12	0.04061268	0.23446149	5.09E-05	0.0046173	-0.023154
16w_SITTE12	0.06097071	0.35730374	6.06E-05	0.008866	0.080421
16w_SITTE12	0.09536379	0.5648347	6.49E-05	0.023263	-0.026471
16w_SITTE12	0.02614358	0.1471536	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.02210697	0.12279632	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.07833175	0.46206182	6.29E-05	0.015819	0.13651
16w_SITTE12	0.01873205	0.10243174	3.38E-05	0.004741	0.03364
16w_SITTE12	0.01428123	0.07557509	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.06212828	0.3642886	6.07E-05	0.0092324	0.083692
16w_SITTE12	0.0710794	0.41830045	6.20E-05	0.012608	0.11916
16w_SITTE12	0.01811579	0.09871318	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.01697696	0.09184138	3.31E-05	0.0050879	0.085504
16w_SITTE12	0.02328127	0.12988217	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.01764756	0.09588786	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01981575	0.1089709	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.03466231	0.19855647	4.48E-05	0.0041765	-0.078293
16w_SITTE12	0.01814212	0.09887206	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.09912253	0.5875153	6.53E-05	0.02442	-0.094455
16w_SITTE12	0.00971377	0.04801463	3.20E-05	0.0068348	0.4058
16w_SITTE12	0.09641392	0.5711713	6.50E-05	0.023626	-0.045608
16w_SITTE12	0.02374861	0.13270219	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.03024242	0.17188641	4.07E-05	0.0040668	-0.10475
16w_SITTE12	0.09683489	0.57371145	6.51E-05	0.023799	-0.055297
16w_SITTE12	0.09656465	0.5720808	6.50E-05	0.023626	-0.055297
16w_SITTE12	0.07722428	0.45537928	6.28E-05	0.015307	0.13646
16w_SITTE12	0.10616374	0.6300026	6.58E-05	0.025526	-0.21453
16w_SITTE12	0.01625426	0.08748055	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.04641869	0.2694955	5.57E-05	0.0054037	0.028707
16w_SITTE12	0.01773919	0.09644079	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02441569	0.1367274	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.09404921	0.5569024	6.48E-05	0.022877	-0.0077738
16w_SITTE12	0.02344843	0.13089083	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.04887211	0.28429967	5.70E-05	0.0057827	0.041222
16w_SITTE12	0.05633312	0.32932007	5.97E-05	0.0073934	0.068678
16w_SITTE12	0.02918867	0.16552795	3.97E-05	0.0040686	-0.10661
16w_SITTE12	0.05348682	0.3121453	5.89E-05	0.0067028	0.060836
16w_SITTE12	0.06140439	0.3599206	6.07E-05	0.0090475	0.082025
16w_SITTE12	0.0493849	0.28739393	5.73E-05	0.0058857	0.04392
16w_SITTE12	0.07969125	0.4702652	6.32E-05	0.016594	0.13545
16w_SITTE12	0.03838898	0.22104348	4.87E-05	0.0044183	-0.04622
16w_SITTE12	0.0227987	0.1269703	3.55E-05	0.0043197	-0.056631

16w_SITTE12	0.01865061	0.10194034	3.36E-05	0.0048202	0.03364
16w_SITTE12	0.11496471	0.68310845	6.63E-05	0.025242	-0.32268
16w_SITTE12	0.0227409	0.12662153	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02972585	0.16876939	4.02E-05	0.0040662	-0.10597
16w_SITTE12	0.00626231	0.02718824	3.18E-05	0.008015	0.56984
16w_SITTE12	0.03547252	0.2034453	4.59E-05	0.0042319	-0.073417
16w_SITTE12	0.08643397	0.51095134	6.40E-05	0.019681	0.099025
16w_SITTE12	0.07746612	0.45683855	6.29E-05	0.015562	0.13646
16w_SITTE12	0.01141815	0.05829905	3.21E-05	0.006339	0.32844
16w_SITTE12	0.04560633	0.26459366	5.50E-05	0.0052335	0.021279
16w_SITTE12	0.05432143	0.31718135	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.09604389	0.5689385	6.50E-05	0.023448	-0.045608
16w_SITTE12	0.08408411	0.49677208	6.37E-05	0.018667	0.1176
16w_SITTE12	0.05190565	0.30260432	5.83E-05	0.0063316	0.055318
16w_SITTE12	0.05112442	0.29789034	5.81E-05	0.006215	0.051138
16w_SITTE12	0.09643164	0.5712782	6.50E-05	0.023626	-0.045608
16w_SITTE12	0.02022943	0.1114671	3.42E-05	0.0045972	0.0032259
16w_SITTE12	0.09093539	0.5381133	6.45E-05	0.021597	0.044278
16w_SITTE12	0.09821811	0.58205795	6.52E-05	0.024123	-0.084641
16w_SITTE12	0.03145614	0.17921013	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.01141454	0.05827727	3.21E-05	0.006339	0.32844
16w_SITTE12	0.10018119	0.59390336	6.53E-05	0.024687	-0.11403
16w_SITTE12	0.02308405	0.12869212	3.55E-05	0.0043197	-0.065623
16w_SITTE12	0.0900339	0.53267366	6.44E-05	0.021137	0.05218
16w_SITTE12	0.05638659	0.32964274	5.98E-05	0.0075425	0.068678
16w_SITTE12	0.07454348	0.43920305	6.24E-05	0.014051	0.13218
16w_SITTE12	0.01133429	0.057793	3.21E-05	0.006339	0.32844
16w_SITTE12	0.01920695	0.10529738	3.38E-05	0.004741	0.017998
16w_SITTE12	0.09937847	0.58905965	6.53E-05	0.02442	-0.10426
16w_SITTE12	0.08281601	0.48912024	6.35E-05	0.017892	0.12434
16w_SITTE12	0.07098442	0.41772735	6.20E-05	0.012608	0.11916
16w_SITTE12	0.11020403	0.65438205	6.60E-05	0.02558	-0.26716
16w_SITTE12	0.11139464	0.6615663	6.61E-05	0.025525	-0.28058
16w_SITTE12	0.01830147	0.09983359	3.36E-05	0.0048202	0.050123
16w_SITTE12	0.0222265	0.12351762	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.08320651	0.49147654	6.36E-05	0.018151	0.12434
16w_SITTE12	0.0828821	0.48951906	6.35E-05	0.017892	0.12434
16w_SITTE12	0.09050957	0.5355439	6.44E-05	0.021369	0.044278
16w_SITTE12	0.11837959	0.70371413	6.65E-05	0.024847	-0.35363
16w_SITTE12	0.08485087	0.5013988	6.38E-05	0.018923	0.1136
16w_SITTE12	0.00876182	0.04227048	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.03345784	0.19128855	4.37E-05	0.0041322	-0.091175
16w_SITTE12	0.03992066	0.23028582	5.03E-05	0.0045634	-0.028892

16w_SITTE12	0.01631232	0.08783091	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.02946284	0.16718234	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.11129684	0.6609762	6.61E-05	0.025525	-0.28058
16w_SITTE12	0.05372465	0.31358036	5.91E-05	0.0068337	0.060836
16w_SITTE12	0.08627129	0.5099697	6.39E-05	0.01943	0.099025
16w_SITTE12	0.14108963	0.84074867	6.74E-05	0.023566	-0.4978
16w_SITTE12	0.0238451	0.13328438	3.61E-05	0.0042401	-0.073623
16w_SITTE12	0.02029424	0.11185817	3.42E-05	0.0045972	-0.01065
16w_SITTE12	0.05255671	0.3065329	5.87E-05	0.0065755	0.057248
16w_SITTE12	0.01122284	0.05712049	3.21E-05	0.006339	0.32844
16w_SITTE12	0.03388697	0.19387797	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.07103383	0.4180255	6.20E-05	0.012608	0.11916
16w_SITTE12	0.0174682	0.09480557	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.02331347	0.1300765	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.02485132	0.13935602	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.01761455	0.09568869	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.02271165	0.12644506	3.55E-05	0.0043197	-0.056631
16w_SITTE12	0.02808027	0.1588398	3.88E-05	0.0040827	-0.10603
16w_SITTE12	0.01726755	0.09359486	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.01668651	0.09008879	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.08839733	0.5227984	6.42E-05	0.020421	0.074212
16w_SITTE12	0.01510674	0.08055633	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.07917941	0.4671767	6.31E-05	0.016335	0.13613
16w_SITTE12	0.05015493	0.29204035	5.76E-05	0.005992	0.048868
16w_SITTE12	0.02597821	0.14615579	3.76E-05	0.0041286	-0.096385
16w_SITTE12	0.0867146	0.51264465	6.40E-05	0.019681	0.093363
16w_SITTE12	0.05430245	0.31706682	5.92E-05	0.0069681	0.062513
16w_SITTE12	0.02523432	0.14166708	3.68E-05	0.0041768	-0.086782
16w_SITTE12	0.00882706	0.04266416	3.19E-05	0.0070136	0.43237
16w_SITTE12	0.0253409	0.14231022	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.01445433	0.07661961	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.08919304	0.5275998	6.43E-05	0.020902	0.067165
16w_SITTE12	0.04638931	0.26931825	5.57E-05	0.0054037	0.028707
16w_SITTE12	0.0630425	0.3698051	6.09E-05	0.0096122	0.087254
16w_SITTE12	0.01155811	0.05914357	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.09387448	0.55584806	6.48E-05	0.022676	-0.0077738
16w_SITTE12	0.07719271	0.45518875	6.28E-05	0.015307	0.13646
16w_SITTE12	0.07230584	0.42570096	6.21E-05	0.01308	0.12548
16w_SITTE12	0.01617967	0.08703048	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.07074438	0.41627896	6.19E-05	0.012376	0.11916
16w_SITTE12	0.03433055	0.1965546	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.01177881	0.06047529	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.01111709	0.05648241	3.21E-05	0.006339	0.32844

16w_SITTE12	0.09618614	0.5697968	6.50E-05	0.023448	-0.045608
16w_SITTE12	0.13031435	0.7757296	6.70E-05	0.02364	-0.44263
16w_SITTE12	0.0470808	0.2734908	5.61E-05	0.0054936	0.032113
16w_SITTE12	0.04517444	0.26198757	5.46E-05	0.0051531	0.021279
16w_SITTE12	0.01288023	0.06712138	3.23E-05	0.0059016	0.25518
16w_SITTE12	0.03384478	0.19362341	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.02120773	0.11737024	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.1303653	0.77603704	6.70E-05	0.02364	-0.44263
16w_SITTE12	0.02703748	0.15254748	3.84E-05	0.0040947	-0.10271
16w_SITTE12	0.10779408	0.6398402	6.59E-05	0.025604	-0.23822
16w_SITTE12	0.1208462	0.71859795	6.66E-05	0.02449	-0.37656
16w_SITTE12	0.01207335	0.06225259	3.23E-05	0.0060411	0.2791
16w_SITTE12	0.01074703	0.05424943	3.21E-05	0.0064976	0.35381
16w_SITTE12	0.02307892	0.12866119	3.55E-05	0.0043197	-0.065623
16w_SITTE12	0.06242061	0.3660526	6.07E-05	0.0092324	0.085432
16w_SITTE12	0.01717711	0.09304914	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.03458347	0.19808072	4.48E-05	0.0041765	-0.082901
16w_SITTE12	0.01486581	0.07910252	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.03239557	0.1848787	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.03062672	0.17420533	4.11E-05	0.0040705	-0.10475
16w_SITTE12	0.0230758	0.12864235	3.55E-05	0.0043197	-0.065623
16w_SITTE12	0.01194947	0.06150506	3.22E-05	0.0061869	0.30353
16w_SITTE12	0.10608041	0.62949973	6.58E-05	0.025526	-0.21453
16w_SITTE12	0.10661849	0.6327466	6.58E-05	0.02556	-0.22263
16w_SITTE12	0.1080691	0.6414997	6.59E-05	0.025614	-0.23822
16w_SITTE12	0.06611623	0.38835225	6.13E-05	0.010616	0.10013
16w_SITTE12	0.01764033	0.09584425	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.0289139	0.16387	3.97E-05	0.0040686	-0.10664
16w_SITTE12	0.03592144	0.20615412	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.01503659	0.08013302	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.07995506	0.47185707	6.32E-05	0.016594	0.13446
16w_SITTE12	0.02819462	0.15952976	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.01627316	0.08759462	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.01649943	0.08895996	3.31E-05	0.0050879	0.10435
16w_SITTE12	0.08928054	0.5281278	6.43E-05	0.020902	0.067165
16w_SITTE12	0.01433771	0.07591592	3.26E-05	0.0055188	0.18676
16w_SITTE12	0.03764603	0.21656045	4.81E-05	0.0043756	-0.05192
16w_SITTE12	0.02244036	0.12480804	3.52E-05	0.0043661	-0.046619
16w_SITTE12	0.03399232	0.19451368	4.43E-05	0.004153	-0.087207
16w_SITTE12	0.0895224	0.5295872	6.43E-05	0.020902	0.059815
16w_SITTE12	0.05306414	0.30959475	5.89E-05	0.0067028	0.059084
16w_SITTE12	0.08947621	0.5293085	6.43E-05	0.020902	0.059815
16w_SITTE12	0.02385938	0.13337055	3.61E-05	0.0042401	-0.073623

16w_SITTE12	0.11191733	0.6647203	6.61E-05	0.025489	-0.28705
16w_SITTE12	0.02427126	0.1358559	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02427582	0.13588339	3.64E-05	0.0042065	-0.080664
16w_SITTE12	0.02944622	0.16708209	4.02E-05	0.0040662	-0.10661
16w_SITTE12	0.06391753	0.37508515	6.10E-05	0.0098069	0.091185
16w_SITTE12	0.02122911	0.11749923	3.47E-05	0.0044724	-0.023601
16w_SITTE12	0.06713086	0.39447466	6.14E-05	0.011039	0.10251
16w_SITTE12	0.04118394	0.23790856	5.14E-05	0.0046741	-0.017493
16w_SITTE12	0.02536392	0.1424491	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.02777943	0.15702449	3.88E-05	0.0040827	-0.10472
16w_SITTE12	0.01482394	0.07884987	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.02548321	0.1431689	3.72E-05	0.0041509	-0.092011
16w_SITTE12	0.02318785	0.12931846	3.58E-05	0.0042778	-0.065623
16w_SITTE12	0.05683652	0.33235765	5.98E-05	0.0075425	0.070131
16w_SITTE12	0.07959208	0.46966678	6.31E-05	0.016335	0.13545
16w_SITTE12	0.05072646	0.29548898	5.78E-05	0.0061018	0.051138
16w_SITTE12	0.01607486	0.08639801	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.05566332	0.32527846	5.95E-05	0.007248	0.067199
16w_SITTE12	0.01504968	0.08021202	3.27E-05	0.0054028	0.16515
16w_SITTE12	0.04598383	0.2668715	5.54E-05	0.0053171	0.025099
16w_SITTE12	0.02362909	0.13198096	3.58E-05	0.0042778	-0.073623
16w_SITTE12	0.07765014	0.45794892	6.29E-05	0.015562	0.13646
16w_SITTE12	0.02839537	0.16074117	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.03185021	0.18158795	4.22E-05	0.0040866	-0.10071
16w_SITTE12	0.05777516	0.33802146	6.00E-05	0.0078516	0.071569
16w_SITTE12	0.06422431	0.37693626	6.10E-05	0.010005	0.091185
16w_SITTE12	0.02843335	0.1609703	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.05607734	0.3277767	5.97E-05	0.0073934	0.067199
16w_SITTE12	0.08334411	0.49230686	6.36E-05	0.018151	0.12117
16w_SITTE12	0.03022897	0.17180523	4.07E-05	0.0040668	-0.10475
16w_SITTE12	0.04157889	0.24029168	5.19E-05	0.0047337	-0.011944
16w_SITTE12	0.12989402	0.7731933	6.70E-05	0.023664	-0.43912
16w_SITTE12	0.05369053	0.31337446	5.91E-05	0.0068337	0.060836
16w_SITTE12	0.04346091	0.251648	5.33E-05	0.0049301	0.0036923
16w_SITTE12	0.03550874	0.20366386	4.59E-05	0.0042319	-0.073417
16w_SITTE12	0.08156136	0.48154962	6.34E-05	0.017373	0.13148
16w_SITTE12	0.03206034	0.18285593	4.27E-05	0.004099	-0.097962
16w_SITTE12	0.02149282	0.11909054	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.0172546	0.09351669	3.33E-05	0.0049935	0.085504
16w_SITTE12	0.08661602	0.51204985	6.40E-05	0.019681	0.093363
16w_SITTE12	0.01548729	0.08285258	3.28E-05	0.0052924	0.1442
16w_SITTE12	0.00739818	0.03404214	3.19E-05	0.0075925	0.51404
16w_SITTE12	0.10521986	0.62430716	6.57E-05	0.025482	-0.19772

16w_SITTE12	0.01881785	0.1029495	3.38E-05	0.004741	0.03364
16w_SITTE12	0.03539389	0.20297086	4.59E-05	0.0042319	-0.073417
16w_SITTE12	0.02822571	0.15971737	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.11525516	0.68486106	6.63E-05	0.025182	-0.32268
16w_SITTE12	0.02177313	0.12078191	3.49E-05	0.0044169	-0.0356
16w_SITTE12	0.01773248	0.09640025	3.34E-05	0.0049043	0.067421
16w_SITTE12	0.01590101	0.08534901	3.30E-05	0.0051875	0.12392
16w_SITTE12	0.08800525	0.52043253	6.42E-05	0.020421	0.080939
16w_SITTE12	0.0866344	0.5121607	6.40E-05	0.019681	0.093363
16w_SITTE12	0.0362037	0.20785731	4.65E-05	0.0042637	-0.068307
16w_SITTE12	0.10136928	0.60107243	6.54E-05	0.024923	-0.13341
16w_SITTE12	0.01975425	0.10859985	3.40E-05	0.0046667	0.0032259
16w_SITTE12	0.02818084	0.15944664	3.93E-05	0.004074	-0.10603
16w_SITTE12	0.02572688	0.14463924	3.72E-05	0.0041509	-0.092011
0-SS2	0.02386477	0.13340311	3.61E-05	0.0042401	-0.073623
1-SS2	0.0139309	0.07346119	3.25E-05	0.0056405	0.20898
7-SS2	0.01816943	0.09903685	3.36E-05	0.0048202	0.050123
8-SS2	0.11081675	0.6580793	6.61E-05	0.025556	-0.27396
9-SS2	0.02068541	0.1142185	3.44E-05	0.0045325	-0.01065
11-SS2	0.01870273	0.10225486	3.38E-05	0.004741	0.03364
19-SS2	0.01701349	0.0920618	3.33E-05	0.0049935	0.085504
21-SS2	0.01939058	0.10640539	3.40E-05	0.0046667	0.017998
25-SS2	0.04572008	0.26528004	5.50E-05	0.0052335	0.025099
29-SS2	0.01756097	0.09536539	3.34E-05	0.0049043	0.067421
42-SS2	0.02332793	0.13016371	3.58E-05	0.0042778	-0.065623
44-SS2	0.08277249	0.4888577	6.35E-05	0.017892	0.12434
46-SS2	0.01988101	0.10936471	3.42E-05	0.0045972	0.0032259
49-SS2	0.02003816	0.11031295	3.42E-05	0.0045972	0.0032259
51-SS2	0.01775506	0.09653655	3.34E-05	0.0049043	0.067421
58-SS2	0.02936392	0.16658549	4.02E-05	0.0040662	-0.10661
62-SS2	0.01647784	0.08882967	3.31E-05	0.0050879	0.10435
64-SS2	0.02034257	0.11214978	3.44E-05	0.0045325	-0.01065
66-SS2	0.0286902	0.16252014	3.97E-05	0.0040686	-0.10664
73-SS2	0.10357805	0.61440027	6.56E-05	0.025296	-0.17104
76-SS2	0.0055546	0.02291785	3.18E-05	0.0082375	0.59807
77-SS2	0.02361429	0.13189165	3.58E-05	0.0042778	-0.073623
78-SS2	0.01959389	0.10763223	3.40E-05	0.0046667	0.017998
85-SS2	0.01184	0.06084449	3.22E-05	0.0061869	0.30353
87-SS2	0.09485263	0.5617503	6.49E-05	0.023073	-0.026471
88-SS2	0.01606688	0.08634989	3.30E-05	0.0051875	0.12392
91-SS2	0.03887015	0.22394694	4.92E-05	0.0044639	-0.040459
92-SS2	0.06210864	0.36417013	6.07E-05	0.0092324	0.083692
97-SS2	0.1405252	0.83734286	6.74E-05	0.023558	-0.49553

101-SS2	0.01701441	0.09206735	3.33E-05	0.0049935	0.085504
103-SS2	0.0158162	0.08483729	3.28E-05	0.0052924	0.1442
108-SS2	0.06133703	0.35951415	6.06E-05	0.008866	0.082025
112-SS2	0.14230156	0.8480615	6.74E-05	0.023593	-0.5021
114-SS2	0.13953367	0.8313598	6.73E-05	0.023551	-0.49075
115-SS2	0.11237834	0.6675021	6.62E-05	0.025448	-0.29336
116-SS2	0.04080663	0.23563182	5.09E-05	0.0046173	-0.017493
120-SS2	0.01478514	0.07861576	3.27E-05	0.0054028	0.16515
125-SS2	0.0523463	0.30526328	5.85E-05	0.0064518	0.057248
128-SS2	0.02052846	0.11327149	3.44E-05	0.0045325	-0.01065
133-SS2	0.01457702	0.07735996	3.26E-05	0.0055188	0.18676
135-SS2	0.10523356	0.62438977	6.57E-05	0.025482	-0.19772
142-SS2	0.02155881	0.11948871	3.49E-05	0.0044169	-0.0356
143-SS2	0.0087399	0.0421382	3.19E-05	0.0070136	0.43237
144-SS2	0.00515381	0.02049941	3.18E-05	0.0084677	0.62647
146-SS2	0.01632365	0.08789929	3.30E-05	0.0051875	0.12392
147-SS2	0.07957283	0.4695506	6.31E-05	0.016335	0.13545
148-SS2	0.02078119	0.11479648	3.44E-05	0.0045325	-0.01065
149-SS2	0.01762697	0.0957636	3.34E-05	0.0049043	0.067421
150-SS2	0.01970341	0.10829306	3.40E-05	0.0046667	0.017998
155-SS2	0.01049548	0.05273156	3.21E-05	0.0064976	0.35381
158-SS2	0.08866336	0.52440363	6.42E-05	0.020663	0.074212
162-SS2	0.0201112	0.11075369	3.42E-05	0.0045972	0.0032259
166-SS2	0.02921523	0.16568826	4.02E-05	0.0040662	-0.10661
169-SS2	0.01570059	0.08413965	3.28E-05	0.0052924	0.1442
171-SS2	0.09157821	0.5419921	6.45E-05	0.021822	0.027741
172-SS2	0.13525298	0.8055298	6.72E-05	0.023529	-0.47171
173-SS2	0.01252696	0.06498967	3.23E-05	0.0060411	0.2791
174-SS2	0.01034722	0.05183694	3.20E-05	0.0066628	0.35381
177-SS2	0.01603573	0.0861619	3.30E-05	0.0051875	0.12392
178-SS2	0.10876239	0.6456831	6.59E-05	0.025616	-0.25305
181-SS2	0.01096167	0.0555446	3.21E-05	0.006339	0.32844
185-SS2	0.09098114	0.5383894	6.45E-05	0.021597	0.036126
188-SS2	0.00563077	0.02337743	3.18E-05	0.0082375	0.59807
189-SS2	0.07462651	0.4397041	6.24E-05	0.014051	0.13218
190-SS2	0.0803695	0.4743578	6.32E-05	0.016854	0.13446
195-SS2	0.01436998	0.07611062	3.26E-05	0.0055188	0.18676
196-SS2	0.02835845	0.16051833	3.93E-05	0.004074	-0.10603
197-SS2	0.0057032	0.02381448	3.18E-05	0.0082375	0.59807
198-SS2	0.01645354	0.08868303	3.31E-05	0.0050879	0.10435
199-SS2	0.00483764	0.01859162	3.18E-05	0.0084677	0.62647
202-SS2	0.0238829	0.13351247	3.61E-05	0.0042401	-0.073623
205-SS2	0.03295721	0.1882677	4.32E-05	0.0041142	-0.094772

208-SS2	0.07297051	0.4297116	6.22E-05	0.01332	0.12737
209-SS2	0.02556982	0.14369154	3.72E-05	0.0041509	-0.092011
211-SS2	0.04552863	0.2641248	5.50E-05	0.0052335	0.021279
212-SS2	0.14082481	0.83915067	6.74E-05	0.023566	-0.4978
214-SS2	0.02425414	0.1357526	3.64E-05	0.0042065	-0.080664
218-SS2	0.03888838	0.22405691	4.92E-05	0.0044639	-0.040459
221-SS2	0.02194062	0.1217926	3.49E-05	0.0044169	-0.046619
222-SS2	0.01748574	0.09491141	3.33E-05	0.0049935	0.085504
223-SS2	0.03220295	0.18371642	4.27E-05	0.004099	-0.097962
224-SS2	0.03088523	0.17576516	4.16E-05	0.0040771	-0.10299
226-SS2	0.01272904	0.06620903	3.23E-05	0.0059016	0.25518
233-SS2	0.00686597	0.03083073	3.18E-05	0.0078	0.54183
234-SS2	0.10060665	0.5964706	6.53E-05	0.024687	-0.12375
238-SS2	0.02013415	0.11089218	3.42E-05	0.0045972	0.0032259
247-SS2	0.05393198	0.3148314	5.91E-05	0.0068337	0.060836
249-SS2	0.10594727	0.6286964	6.58E-05	0.025526	-0.21453
254-SS2	0.01545075	0.08263207	3.28E-05	0.0052924	0.1442
258-SS2	0.01403787	0.07410664	3.25E-05	0.0056405	0.20898
259-SS2	0.01742842	0.09456556	3.33E-05	0.0049935	0.085504
262-SS2	0.02113257	0.11691672	3.47E-05	0.0044724	-0.023601
264-SS2	0.05436849	0.31746534	5.92E-05	0.0069681	0.062513
266-SS2	0.14087081	0.83942825	6.74E-05	0.023566	-0.4978
268-SS2	0.0911423	0.5393619	6.45E-05	0.021597	0.036126
272-SS2	0.10822469	0.64243853	6.59E-05	0.025614	-0.24573
274-SS2	0.04216937	0.2438547	5.24E-05	0.0047963	-0.00654
285-SS2	0.02794714	0.15803649	3.88E-05	0.0040827	-0.10472
286-SS2	0.00814935	0.0385748	3.19E-05	0.0071994	0.45929
304-SS2	0.01352188	0.07099313	3.24E-05	0.0057681	0.23179
306-SS2	0.01494119	0.07955739	3.27E-05	0.0054028	0.16515
321-SS2	0.02383592	0.133229	3.61E-05	0.0042401	-0.073623
322-SS2	0.0454746	0.26379877	5.50E-05	0.0052335	0.021279
328-SS2	0.12586394	0.7488754	6.68E-05	0.023927	-0.41325
329-SS2	0.07421071	0.4371951	6.24E-05	0.014051	0.13074
330-SS2	0.03221623	0.18379655	4.27E-05	0.004099	-0.097962
331-SS2	0.01823373	0.09942488	3.36E-05	0.0048202	0.050123
332-SS2	0.02285574	0.12731448	3.55E-05	0.0043197	-0.056631
336-SS2	0.0259544	0.14601211	3.76E-05	0.0041286	-0.096385
350-SS2	0.04003769	0.23099199	5.03E-05	0.0045634	-0.028892
351-SS2	0.02701281	0.15239862	3.84E-05	0.0040947	-0.10271
353-SS2	0.06709458	0.3942557	6.14E-05	0.011039	0.10251
357-SS2	0.01888211	0.10333728	3.38E-05	0.004741	0.03364
360-SS2	0.03140697	0.17891341	4.16E-05	0.0040771	-0.10071
361-SS2	0.0047327	0.0179584	3.18E-05	0.0087056	0.65503

363-SS2	0.0154711	0.08275493	3.28E-05	0.0052924	0.1442
367-SS2	0.0223015	0.12397018	3.52E-05	0.0043661	-0.046619
368-SS2	0.01838997	0.10036764	3.36E-05	0.0048202	0.050123
370-SS2	0.02400479	0.13424794	3.61E-05	0.0042401	-0.073623
375-SS2	0.02144632	0.11880994	3.49E-05	0.0044169	-0.0356
377-SS2	0.03054963	0.17374013	4.11E-05	0.0040705	-0.10475
378-SS2	0.02390948	0.1336729	3.61E-05	0.0042401	-0.073623
382-SS2	0.01438775	0.07621785	3.26E-05	0.0055188	0.18676
384-SS2	0.01623643	0.087373	3.30E-05	0.0051875	0.12392
387-SS2	0.01190296	0.06122443	3.22E-05	0.0061869	0.30353
393-SS2	0.02680712	0.15115748	3.80E-05	0.0041099	-0.099939
398-SS2	0.02216447	0.12314332	3.52E-05	0.0043661	-0.046619
400-SS2	0.02737977	0.15461293	3.84E-05	0.0040947	-0.10271
401-SS2	0.09793232	0.5803335	6.52E-05	0.024123	-0.074831
404-SS2	0.00659094	0.02917119	3.18E-05	0.0078	0.54183
410-SS2	0.01568962	0.08407344	3.28E-05	0.0052924	0.1442
415-SS2	0.00867257	0.04173194	3.19E-05	0.0071994	0.43237
417-SS2	0.02988324	0.16971911	4.07E-05	0.0040668	-0.10597
419-SS2	0.00967217	0.04776361	3.20E-05	0.0068348	0.4058
424-SS2	0.03405298	0.19487971	4.43E-05	0.004153	-0.087207
425-SS2	0.02569513	0.14444767	3.72E-05	0.0041509	-0.092011
430-SS2	0.0276633	0.15632373	3.88E-05	0.0040827	-0.10472
431-SS2	0.01528435	0.08162803	3.27E-05	0.0054028	0.16515
436-SS2	0.03324988	0.19003369	4.37E-05	0.0041322	-0.091175
437-SS2	0.00858049	0.0411763	3.19E-05	0.0071994	0.45929
442-SS2	0.01578745	0.08466376	3.28E-05	0.0052924	0.1442
444-SS2	0.00841366	0.04016963	3.19E-05	0.0071994	0.45929
448-SS2	0.02209013	0.12269474	3.52E-05	0.0043661	-0.046619
450-SS2	0.01861717	0.10173855	3.36E-05	0.0048202	0.03364
455-SS2	0.01443655	0.07651232	3.26E-05	0.0055188	0.18676
456-SS2	0.01439446	0.07625835	3.26E-05	0.0055188	0.18676
458-SS2	0.01050955	0.05281643	3.21E-05	0.0064976	0.35381
459-SS2	0.07873911	0.46451992	6.30E-05	0.016077	0.13651
466-SS2	0.02927106	0.16602513	4.02E-05	0.0040662	-0.10661
472-SS2	0.01138828	0.05811879	3.21E-05	0.006339	0.32844
473-SS2	0.02367298	0.13224581	3.61E-05	0.0042401	-0.073623
476-SS2	0.01415237	0.07479753	3.25E-05	0.0056405	0.20898
480-SS2	0.04926239	0.28665465	5.73E-05	0.0058857	0.04392
481-SS2	0.01005616	0.05008067	3.20E-05	0.0066628	0.37961
482-SS2	0.02759378	0.15590426	3.88E-05	0.0040827	-0.10472
484-SS2	0.14441644	0.86082286	6.75E-05	0.023623	-0.50968
485-SS2	0.0819752	0.48404673	6.35E-05	0.017633	0.12948
487-SS2	0.05896203	0.3451832	6.02E-05	0.0081753	0.075889

488-SS2	0.01562448	0.08368041	3.28E-05	0.0052924	0.1442
493-SS2	0.0301537	0.17135105	4.07E-05	0.0040668	-0.10597
495-SS2	0.01877186	0.10267198	3.38E-05	0.004741	0.03364
497-SS2	0.13249964	0.7889158	6.71E-05	0.023568	-0.45613
499-SS2	0.03134477	0.17853808	4.16E-05	0.0040771	-0.10071
502-SS2	0.05454111	0.31850693	5.92E-05	0.0069681	0.064127
504-SS2	0.02438356	0.13653351	3.64E-05	0.0042065	-0.080664
505-SS2	0.01096243	0.05554915	3.21E-05	0.006339	0.32844
506-SS2	0.04990894	0.290556	5.76E-05	0.005992	0.046466
509-SS2	0.04062734	0.23454998	5.09E-05	0.0046173	-0.023154
510-SS2	0.01808699	0.09853942	3.34E-05	0.0049043	0.050123
511-SS2	0.02915403	0.16531897	3.97E-05	0.0040686	-0.10661
513-SS2	0.03335489	0.19066736	4.37E-05	0.0041322	-0.091175
515-SS2	0.03113863	0.1772942	4.16E-05	0.0040771	-0.10299
522-SS2	0.02172475	0.12048998	3.49E-05	0.0044169	-0.0356
524-SS2	0.02173914	0.12057684	3.49E-05	0.0044169	-0.0356
532-SS2	0.0222661	0.12375654	3.52E-05	0.0043661	-0.046619
534-SS2	0.0262704	0.14791887	3.76E-05	0.0041286	-0.096385
535-SS2	0.01427393	0.07553104	3.26E-05	0.0055188	0.18676
536-SS2	0.08675677	0.51289916	6.40E-05	0.019681	0.093363
537-SS2	0.01638301	0.08825743	3.30E-05	0.0051875	0.12392
538-SS2	0.02365508	0.13213782	3.61E-05	0.0042401	-0.073623
540-SS2	0.01038047	0.05203755	3.21E-05	0.0064976	0.35381
541-SS2	0.03042658	0.17299761	4.11E-05	0.0040705	-0.10475
543-SS2	0.01178082	0.06048742	3.22E-05	0.0061869	0.30353
545-SS2	0.02588661	0.14560308	3.76E-05	0.0041286	-0.096385
546-SS2	0.02400068	0.1342232	3.61E-05	0.0042401	-0.073623
549-SS2	0.01158413	0.05930059	3.22E-05	0.0061869	0.30353
553-SS2	0.01666613	0.08996582	3.31E-05	0.0050879	0.10435
557-SS2	0.01741061	0.0944581	3.33E-05	0.0049935	0.085504
558-SS2	0.01363927	0.07170146	3.24E-05	0.0057681	0.20898
559-SS2	0.01818525	0.09913236	3.36E-05	0.0048202	0.050123
569-SS2	0.00673126	0.03001791	3.18E-05	0.0078	0.54183
571-SS2	0.02150504	0.11916425	3.49E-05	0.0044169	-0.0356
572-SS2	0.02095358	0.11583668	3.47E-05	0.0044724	-0.023601
575-SS2	0.0071481	0.03253315	3.19E-05	0.0075925	0.51404
576-SS2	0.01847566	0.10088467	3.36E-05	0.0048202	0.050123
577-SS2	0.01970636	0.10831084	3.40E-05	0.0046667	0.017998
578-SS2	0.01981371	0.10895861	3.42E-05	0.0045972	0.0032259
579-SS2	0.03044053	0.1730818	4.11E-05	0.0040705	-0.10475
580-SS2	0.0208838	0.11541565	3.47E-05	0.0044724	-0.023601
581-SS2	0.01834697	0.10010816	3.36E-05	0.0048202	0.050123
583-SS2	0.00770006	0.03586371	3.19E-05	0.0073923	0.48652

585-SS2	0.02447869	0.13710755	3.64E-05	0.0042065	-0.080664
587-SS2	0.01308405	0.06835123	3.23E-05	0.0059016	0.23179
588-SS2	0.01012874	0.05051861	3.20E-05	0.0066628	0.37961
589-SS2	0.02544001	0.14290822	3.72E-05	0.0041509	-0.092011
595-SS2	0.00874958	0.04219664	3.19E-05	0.0070136	0.43237
598-SS2	0.01641755	0.08846586	3.30E-05	0.0051875	0.10435
599-SS2	0.02293831	0.12781273	3.55E-05	0.0043197	-0.056631
601-SS2	0.01481971	0.07882438	3.27E-05	0.0054028	0.16515
604-SS2	0.03017593	0.1714852	4.07E-05	0.0040668	-0.10597
605-SS2	0.02044151	0.11274679	3.44E-05	0.0045325	-0.01065
612-SS2	0.02295502	0.1279136	3.55E-05	0.0043197	-0.056631
613-SS2	0.02281835	0.12708889	3.55E-05	0.0043197	-0.056631
615-SS2	0.02201735	0.12225559	3.52E-05	0.0043661	-0.046619
616-SS2	0.01453735	0.07712054	3.26E-05	0.0055188	0.18676
617-SS2	0.02251183	0.1252393	3.52E-05	0.0043661	-0.056631
623-SS2	0.0132979	0.06964164	3.24E-05	0.0057681	0.23179
624-SS2	0.02345213	0.13091315	3.58E-05	0.0042778	-0.065623
625-SS2	0.04536979	0.26316637	5.50E-05	0.0052335	0.021279
644-SS2	0.02023729	0.11151453	3.42E-05	0.0045972	0.0032259
647-SS2	0.01161033	0.05945863	3.22E-05	0.0061869	0.30353
648-SS2	0.03098132	0.17634499	4.16E-05	0.0040771	-0.10299
652-SS2	0.08037929	0.47441685	6.32E-05	0.016854	0.13446
653-SS2	0.00962782	0.047496	3.20E-05	0.0068348	0.4058
656-SS2	0.01113264	0.0565762	3.21E-05	0.006339	0.32844
657-SS2	0.10778027	0.63975686	6.59E-05	0.025604	-0.23822
660-SS2	0.07524142	0.4434145	6.26E-05	0.014549	0.13345
661-SS2	0.01959944	0.10766565	3.40E-05	0.0046667	0.017998
663-SS2	0.020199	0.11128347	3.42E-05	0.0045972	0.0032259
670-SS2	0.10164299	0.60272396	6.54E-05	0.024923	-0.14299
671-SS2	0.02151123	0.11920156	3.49E-05	0.0044169	-0.0356
674-SS2	0.01554512	0.08320156	3.28E-05	0.0052924	0.1442
676-SS2	0.01901913	0.104164	3.38E-05	0.004741	0.03364
677-SS2	0.02691432	0.15180434	3.80E-05	0.0041099	-0.10271
680-SS2	0.01593112	0.08553071	3.30E-05	0.0051875	0.12392
681-SS2	0.0109569	0.05551579	3.21E-05	0.006339	0.32844
683-SS2	0.01676084	0.09053728	3.31E-05	0.0050879	0.10435
684-SS2	0.02042174	0.11262754	3.44E-05	0.0045325	-0.01065
685-SS2	0.0070271	0.03180305	3.19E-05	0.0075925	0.51404
686-SS2	0.00879539	0.04247306	3.19E-05	0.0070136	0.43237
690-SS2	0.02096696	0.11591744	3.47E-05	0.0044724	-0.023601
692-SS2	0.01733382	0.09399471	3.33E-05	0.0049935	0.085504
693-SS2	0.0198741	0.10932299	3.42E-05	0.0045972	0.0032259
694-SS2	0.0251525	0.14117339	3.68E-05	0.0041768	-0.086782

695-SS2	0.02101916	0.11623244	3.47E-05	0.0044724	-0.023601
697-SS2	0.01795394	0.09773659	3.34E-05	0.0049043	0.067421
698-SS2	0.03062422	0.17419024	4.11E-05	0.0040705	-0.10475
699-SS2	0.01965181	0.1079817	3.40E-05	0.0046667	0.017998
703-SS2	0.02109666	0.11670004	3.47E-05	0.0044724	-0.023601
705-SS2	0.02018386	0.11119209	3.42E-05	0.0045972	0.0032259
706-SS2	0.01130714	0.05762921	3.21E-05	0.006339	0.32844
707-SS2	0.01846974	0.10084895	3.36E-05	0.0048202	0.050123
709-SS2	0.13318616	0.7930584	6.71E-05	0.023556	-0.45937
710-SS2	0.02416414	0.13520947	3.61E-05	0.0042401	-0.080664
711-SS2	0.02074324	0.11456748	3.44E-05	0.0045325	-0.01065
712-SS2	0.01597508	0.08579593	3.30E-05	0.0051875	0.12392
713-SS2	0.01858394	0.10153808	3.36E-05	0.0048202	0.050123
714-SS2	0.01146928	0.05860756	3.22E-05	0.0061869	0.30353
715-SS2	0.02116028	0.11708395	3.47E-05	0.0044724	-0.023601
716-SS2	0.01181415	0.06068854	3.22E-05	0.0061869	0.30353
722-SS2	0.06941821	0.4082767	6.17E-05	0.01192	0.11218
723-SS2	0.00644872	0.02831303	3.18E-05	0.008015	0.56984
724-SS2	0.02507835	0.14072591	3.68E-05	0.0041768	-0.086782
730-SS2	0.02455679	0.1375788	3.64E-05	0.0042065	-0.080664
731-SS2	0.02694692	0.15200105	3.80E-05	0.0041099	-0.10271
738-SS2	0.0113757	0.0580429	3.21E-05	0.006339	0.32844
740-SS2	0.01126001	0.05734481	3.21E-05	0.006339	0.32844
746-SS2	0.01967087	0.1080967	3.40E-05	0.0046667	0.017998
747-SS2	0.01309768	0.06843347	3.23E-05	0.0059016	0.23179
748-SS2	0.03427221	0.19620253	4.48E-05	0.0041765	-0.082901
751-SS2	0.01411809	0.07459074	3.25E-05	0.0056405	0.20898
752-SS2	0.01217157	0.06284525	3.23E-05	0.0060411	0.2791
753-SS2	0.00539424	0.02195017	3.18E-05	0.0082375	0.59807
754-SS2	0.02062788	0.11387136	3.44E-05	0.0045325	-0.01065
756-SS2	0.10764048	0.6389134	6.59E-05	0.025604	-0.23822
757-SS2	0.06095796	0.35722682	6.06E-05	0.008866	0.080421
758-SS2	0.02624233	0.14774951	3.76E-05	0.0041286	-0.096385
765-SS2	0.0272911	0.15407789	3.84E-05	0.0040947	-0.10271
766-SS2	0.03098444	0.17636381	4.16E-05	0.0040771	-0.10299
768-SS2	0.02758931	0.1558773	3.88E-05	0.0040827	-0.10472
769-SS2	0.02229348	0.12392175	3.52E-05	0.0043661	-0.046619
770-SS2	0.02695668	0.15205994	3.80E-05	0.0041099	-0.10271
772-SS2	0.01533202	0.08191565	3.27E-05	0.0054028	0.1442
773-SS2	0.02644295	0.14896008	3.80E-05	0.0041099	-0.099939
775-SS2	0.03067801	0.17451482	4.11E-05	0.0040705	-0.10475
776-SS2	0.09680992	0.5735608	6.50E-05	0.023626	-0.055297
777-SS2	0.07360713	0.43355304	6.23E-05	0.013805	0.12913

778-SS2	0.10566001	0.626963	6.57E-05	0.025482	-0.20623
779-SS2	0.05881713	0.34430885	6.02E-05	0.0081753	0.074438
780-SS2	0.01406289	0.07425764	3.25E-05	0.0056405	0.20898
781-SS2	0.01114384	0.05664384	3.21E-05	0.006339	0.32844
784-SS2	0.04370867	0.253143	5.38E-05	0.0050014	0.008455
793-SS2	0.03582992	0.20560189	4.59E-05	0.0042319	-0.068307
796-SS2	0.04494721	0.2606165	5.46E-05	0.0051531	0.017239
798-SS2	0.0829834	0.4901303	6.36E-05	0.018151	0.12434
799-SS2	0.04395969	0.2546577	5.38E-05	0.0050014	0.008455
801-SS2	0.01664038	0.08981043	3.31E-05	0.0050879	0.10435
803-SS2	0.06929168	0.40751323	6.17E-05	0.01192	0.11218
804-SS2	0.08035012	0.47424087	6.32E-05	0.016854	0.13446
809-SS2	0.11832225	0.7033682	6.65E-05	0.024847	-0.35363
811-SS2	0.0977376	0.5791585	6.51E-05	0.023964	-0.074831
812-SS2	0.01943947	0.10670039	3.40E-05	0.0046667	0.017998
815-SS2	0.02002032	0.1102053	3.42E-05	0.0045972	0.0032259
816-SS2	0.0810068	0.4782033	6.33E-05	0.017113	0.13314
818-SS2	0.00895187	0.04341729	3.19E-05	0.0070136	0.43237
825-SS2	0.02919164	0.16554591	3.97E-05	0.0040686	-0.10661
827-SS2	0.01548454	0.08283598	3.28E-05	0.0052924	0.1442
828-SS2	0.0255847	0.14378129	3.72E-05	0.0041509	-0.092011
829-SS2	0.01326362	0.06943477	3.24E-05	0.0057681	0.23179
830-SS2	0.04043315	0.2333782	5.09E-05	0.0046173	-0.023154
839-SS2	0.05980922	0.35029522	6.04E-05	0.0085136	0.077363
840-SS2	0.02938388	0.1667059	4.02E-05	0.0040662	-0.10661
841-SS2	0.01822349	0.09936308	3.36E-05	0.0048202	0.050123
843-SS2	0.02691889	0.15183192	3.80E-05	0.0041099	-0.10271
846-SS2	0.03795635	0.21843298	4.81E-05	0.0043756	-0.04622
850-SS2	0.1407443	0.8386649	6.74E-05	0.023566	-0.4978
851-SS2	0.04198922	0.24276766	5.24E-05	0.0047963	-0.00654
853-SS2	0.1173255	0.69735366	6.64E-05	0.024917	-0.34377
859-SS2	0.08916589	0.527436	6.43E-05	0.020902	0.067165
862-SS2	0.02429225	0.13598256	3.64E-05	0.0042065	-0.080664
865-SS2	0.12605181	0.75000906	6.68E-05	0.023927	-0.41325
869-SS2	0.09483467	0.56164193	6.49E-05	0.023073	-0.017059
870-SS2	0.02151024	0.11919561	3.49E-05	0.0044169	-0.0356
872-SS2	0.00406652	0.01393861	3.18E-05	0.0089513	0.68371
874-SS2	0.0121778	0.06288282	3.23E-05	0.0060411	0.2791
881-SS2	0.02110491	0.11674981	3.47E-05	0.0044724	-0.023601
882-SS2	0.02376887	0.13282444	3.61E-05	0.0042401	-0.073623
884-SS2	0.02257684	0.12563162	3.55E-05	0.0043197	-0.056631
886-SS2	0.11249953	0.66823334	6.62E-05	0.025448	-0.29336
889-SS2	0.01477568	0.07855868	3.26E-05	0.0055188	0.16515

894-SS2	0.04179792	0.24161337	5.19E-05	0.0047337	-0.011944
895-SS2	0.10593635	0.62863046	6.58E-05	0.025526	-0.21453
898-SS2	0.01190568	0.06124082	3.22E-05	0.0061869	0.30353
900-SS2	0.02260704	0.1258138	3.55E-05	0.0043197	-0.056631
901-SS2	0.03148735	0.17939843	4.22E-05	0.0040866	-0.10071
904-SS2	0.02292062	0.12770599	3.55E-05	0.0043197	-0.056631
907-SS2	0.01855496	0.1013632	3.36E-05	0.0048202	0.050123
911-SS2	0.02020385	0.11131276	3.42E-05	0.0045972	0.0032259
914-SS2	0.02231743	0.1240663	3.52E-05	0.0043661	-0.046619
918-SS2	0.01736108	0.09415922	3.33E-05	0.0049935	0.085504
925-SS2	0.07663405	0.45181775	6.27E-05	0.015053	0.13605
926-SS2	0.07504284	0.44221622	6.25E-05	0.014299	0.13345
927-SS2	0.02477219	0.13887854	3.68E-05	0.0041768	-0.086782
928-SS2	0.05607599	0.32776856	5.97E-05	0.0073934	0.067199
931-SS2	0.03251264	0.1855851	4.27E-05	0.004099	-0.094772
937-SS2	0.03560482	0.20424363	4.59E-05	0.0042319	-0.073417
941-SS2	0.01566989	0.08395444	3.28E-05	0.0052924	0.1442
945-SS2	0.0304451	0.1731094	4.11E-05	0.0040705	-0.10475
946-SS2	0.01474377	0.07836615	3.26E-05	0.0055188	0.16515
947-SS2	0.02346095	0.13096641	3.58E-05	0.0042778	-0.065623
949-SS2	0.01624761	0.08744041	3.30E-05	0.0051875	0.12392
950-SS2	0.03203497	0.18270284	4.27E-05	0.004099	-0.097962
958-SS2	0.05096586	0.29693353	5.81E-05	0.006215	0.051138
960-SS2	0.09032735	0.53444433	6.44E-05	0.021369	0.05218
963-SS2	0.01996085	0.10984647	3.42E-05	0.0045972	0.0032259
964-SS2	0.015462	0.08269997	3.28E-05	0.0052924	0.1442
965-SS2	0.01940085	0.10646736	3.40E-05	0.0046667	0.017998
969-SS2	0.0359799	0.20650691	4.65E-05	0.0042637	-0.068307
971-SS2	0.01540804	0.08237442	3.28E-05	0.0052924	0.1442
972-SS2	0.08019504	0.4733051	6.32E-05	0.016854	0.13446
979-SS2	0.02380192	0.13302381	3.61E-05	0.0042401	-0.073623
980-SS2	0.02865171	0.16228794	3.97E-05	0.0040686	-0.10664
981-SS2	0.00847807	0.04055829	3.19E-05	0.0071994	0.45929
986-SS2	0.02146705	0.11893499	3.49E-05	0.0044169	-0.0356
991-SS2	0.00678695	0.03035395	3.18E-05	0.0078	0.54183
992-SS2	0.03461959	0.19829865	4.48E-05	0.0041765	-0.082901
993-SS2	0.02100821	0.11616635	3.47E-05	0.0044724	-0.023601
997-SS2	0.02174427	0.12060777	3.49E-05	0.0044169	-0.0356
1001-SS2	0.02026787	0.11169908	3.42E-05	0.0045972	-0.01065
1004-SS2	0.0200805	0.11056843	3.42E-05	0.0045972	0.0032259
1006-SS2	0.00273962	0.00593196	3.17E-05	0.0094663	0.74133
1008-SS2	0.03273962	0.18695474	4.32E-05	0.0041142	-0.094772
1009-SS2	0.08667119	0.51238275	6.40E-05	0.019681	0.093363

1014-SS2	0.0115058	0.05882792	3.22E-05	0.0061869	0.30353
1015-SS2	0.02244257	0.12482139	3.52E-05	0.0043661	-0.046619
1019-SS2	0.02969026	0.1685546	4.02E-05	0.0040662	-0.10597
1025-SS2	0.02159876	0.11972975	3.49E-05	0.0044169	-0.0356
1027-SS2	0.0160732	0.08638803	3.30E-05	0.0051875	0.12392
1029-SS2	0.02476054	0.13880828	3.68E-05	0.0041768	-0.086782
1030-SS2	0.03387123	0.19378302	4.43E-05	0.004153	-0.087207
1039-SS2	0.01675567	0.09050608	3.31E-05	0.0050879	0.10435
1045-SS2	0.01160536	0.05942865	3.22E-05	0.0061869	0.30353
1046-SS2	0.03661087	0.21031421	4.70E-05	0.0042982	-0.062998
1047-SS2	0.03139139	0.17881939	4.16E-05	0.0040771	-0.10071
1050-SS2	0.02230311	0.12397985	3.52E-05	0.0043661	-0.046619
1057-SS2	0.03923725	0.22616202	4.98E-05	0.0045122	-0.034672
1058-SS2	0.02325193	0.12970515	3.58E-05	0.0042778	-0.065623
1062-SS2	0.00793969	0.03730966	3.19E-05	0.0073923	0.48652
1063-SS2	0.10587803	0.6282786	6.58E-05	0.025526	-0.20623
1067-SS2	0.02603454	0.14649567	3.76E-05	0.0041286	-0.096385
1068-SS2	0.01095843	0.05552505	3.21E-05	0.006339	0.32844
1080-SS2	0.01609856	0.08654102	3.30E-05	0.0051875	0.12392
1081-SS2	0.0081634	0.03865954	3.19E-05	0.0071994	0.45929
1082-SS2	0.02218554	0.12327045	3.52E-05	0.0043661	-0.046619
1084-SS2	0.00772751	0.03602938	3.19E-05	0.0073923	0.48652
1085-SS2	0.01577611	0.08459535	3.28E-05	0.0052924	0.1442
1086-SS2	0.02008937	0.11062194	3.42E-05	0.0045972	0.0032259
1089-SS2	0.02687021	0.15153816	3.80E-05	0.0041099	-0.099939
1090-SS2	0.04054404	0.23404737	5.09E-05	0.0046173	-0.023154
1091-SS2	0.01926765	0.10566365	3.40E-05	0.0046667	0.017998
1092-SS2	0.02587156	0.14551222	3.76E-05	0.0041286	-0.096385
1093-SS2	0.00947833	0.04659395	3.20E-05	0.0068348	0.4058
1097-SS2	0.02494488	0.13992056	3.68E-05	0.0041768	-0.086782
1099-SS2	0.00982803	0.04870412	3.20E-05	0.0066628	0.37961
1101-SS2	0.01946567	0.10685848	3.40E-05	0.0046667	0.017998
1102-SS2	0.01858303	0.10153258	3.36E-05	0.0048202	0.050123
1105-SS2	0.02437693	0.13649347	3.64E-05	0.0042065	-0.080664
1108-SS2	0.04593853	0.26659817	5.54E-05	0.0053171	0.025099
1110-SS2	0.07255771	0.42722073	6.22E-05	0.01332	0.12548
1111-SS2	0.02798622	0.15827228	3.88E-05	0.0040827	-0.10472
1115-SS2	0.01768362	0.09610547	3.34E-05	0.0049043	0.067421
1119-SS2	0.00717523	0.03269687	3.19E-05	0.0075925	0.51404
1123-SS2	0.03511224	0.20127137	4.54E-05	0.0042028	-0.078293
1125-SS2	0.03433032	0.19655319	4.48E-05	0.0041765	-0.082901
1127-SS2	0.00992869	0.04931149	3.20E-05	0.0066628	0.37961
1128-SS2	0.01021165	0.05101892	3.20E-05	0.0066628	0.37961

1130-SS2	0.01816153	0.0989892	3.36E-05	0.0048202	0.050123
1131-SS2	0.00722286	0.03298429	3.19E-05	0.0075925	0.51404
1133-SS2	0.01432949	0.0758663	3.26E-05	0.0055188	0.18676
1137-SS2	0.0110084	0.05582656	3.21E-05	0.006339	0.32844
1138-SS2	0.01553059	0.08311389	3.28E-05	0.0052924	0.1442
1139-SS2	0.01877485	0.10269005	3.38E-05	0.004741	0.03364
1144-SS2	0.00737191	0.03388362	3.19E-05	0.0075925	0.51404
1150-SS2	0.01753974	0.09523726	3.33E-05	0.0049935	0.067421
1152-SS2	0.02108413	0.11662442	3.47E-05	0.0044724	-0.023601
1158-SS2	0.00868146	0.04178561	3.19E-05	0.0071994	0.43237
1160-SS2	0.02005891	0.11043818	3.42E-05	0.0045972	0.0032259
1161-SS2	0.01912125	0.10478021	3.38E-05	0.004741	0.03364
1162-SS2	0.01030212	0.05156478	3.20E-05	0.0066628	0.37961
1163-SS2	0.02093995	0.11575447	3.47E-05	0.0044724	-0.023601
1164-SS2	0.00768753	0.03578815	3.19E-05	0.0073923	0.48652
1165-SS2	0.01282559	0.06679164	3.23E-05	0.0059016	0.25518
1166-SS2	0.01692041	0.09150015	3.31E-05	0.0050879	0.10435
1169-SS2	0.02163786	0.11996569	3.49E-05	0.0044169	-0.0356
1173-SS2	0.00648472	0.02853029	3.18E-05	0.0078	0.54183
1176-SS2	0.00521959	0.02089635	3.18E-05	0.0084677	0.62647
1180-SS2	0.01275753	0.06638098	3.23E-05	0.0059016	0.25518
1182-SS2	0.01835825	0.10017623	3.36E-05	0.0048202	0.050123
1184-SS2	0.01608416	0.08645417	3.30E-05	0.0051875	0.12392
1186-SS2	0.02081405	0.11499478	3.44E-05	0.0045325	-0.01065
1187-SS2	0.01576745	0.08454309	3.28E-05	0.0052924	0.1442
1190-SS2	0.01188578	0.06112072	3.22E-05	0.0061869	0.30353
1192-SS2	0.02088506	0.11542325	3.47E-05	0.0044724	-0.023601
1196-SS2	0.02737902	0.1546084	3.84E-05	0.0040947	-0.10271
1199-SS2	0.00819444	0.03884688	3.19E-05	0.0071994	0.45929
1202-SS2	0.02144897	0.1188259	3.49E-05	0.0044169	-0.0356
1203-SS2	0.01692436	0.09152398	3.31E-05	0.0050879	0.10435
1205-SS2	0.0191373	0.1048771	3.38E-05	0.004741	0.03364
1208-SS2	0.03245067	0.18521117	4.27E-05	0.004099	-0.094772
1209-SS2	0.01624978	0.08745354	3.30E-05	0.0051875	0.12392
1211-SS2	0.01342964	0.07043656	3.24E-05	0.0057681	0.23179
1213-SS2	0.03502098	0.2007207	4.54E-05	0.0042028	-0.078293
1215-SS2	0.0221111	0.12282129	3.52E-05	0.0043661	-0.046619
1216-SS2	0.0117408	0.06024594	3.22E-05	0.0061869	0.30353
1222-SS2	0.00773799	0.03609257	3.19E-05	0.0073923	0.48652
1223-SS2	0.01667172	0.08999957	3.31E-05	0.0050879	0.10435
1229-SS2	0.01366621	0.07186404	3.24E-05	0.0057681	0.20898
1230-SS2	0.01530891	0.08177624	3.27E-05	0.0054028	0.1442
1232-SS2	0.03953541	0.2279612	4.98E-05	0.0045122	-0.034672

1239-SS2	0.03178092	0.18116987	4.22E-05	0.0040866	-0.10071
1240-SS2	0.02301141	0.1282538	3.55E-05	0.0043197	-0.056631
1242-SS2	0.02608626	0.14680776	3.76E-05	0.0041286	-0.096385
1243-SS2	0.02560086	0.14387883	3.72E-05	0.0041509	-0.092011
1247-SS2	0.05202821	0.30334386	5.85E-05	0.0064518	0.055318
1248-SS2	0.01733418	0.09399688	3.33E-05	0.0049935	0.085504
1253-SS2	0.02098388	0.1160195	3.47E-05	0.0044724	-0.023601
1258-SS2	0.00327814	0.00918145	3.18E-05	0.0092049	0.71249
1259-SS2	0.02024341	0.11155144	3.42E-05	0.0045972	0.0032259
1260-SS2	0.01507317	0.08035375	3.27E-05	0.0054028	0.16515
1262-SS2	0.02165085	0.12004407	3.49E-05	0.0044169	-0.0356
1263-SS2	0.01933843	0.10609072	3.40E-05	0.0046667	0.017998
1265-SS2	0.02343099	0.13078558	3.58E-05	0.0042778	-0.065623
1266-SS2	0.03635831	0.20879024	4.65E-05	0.0042637	-0.062998
1270-SS2	0.01253821	0.06505755	3.23E-05	0.0060411	0.25518
1272-SS2	0.0232462	0.1296706	3.58E-05	0.0042778	-0.065623
1273-SS2	0.02600796	0.1463353	3.76E-05	0.0041286	-0.096385
1274-SS2	0.01198327	0.06170901	3.22E-05	0.0061869	0.2791
1275-SS2	0.02820666	0.15960242	3.93E-05	0.004074	-0.10603
1277-SS2	0.0144627	0.0766701	3.26E-05	0.0055188	0.18676
1278-SS2	0.02659407	0.14987193	3.80E-05	0.0041099	-0.099939
1279-SS2	0.02302526	0.1283374	3.55E-05	0.0043197	-0.056631
1280-SS2	0.0455181	0.26406124	5.50E-05	0.0052335	0.021279
1283-SS2	0.01605177	0.0862587	3.30E-05	0.0051875	0.12392
1286-SS2	0.00829298	0.03944149	3.19E-05	0.0071994	0.45929

cellid	dpt_pseudot	dpt_pseudot	diffusion	diff_rate	net_proliferation
9mo_SIGAE3_	0.04843498	0.29068688	5.63E-05	0.005054	-0.0087048
9mo_SIGAE3_	0.0198481	0.11427719	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03773571	0.22466165	4.84E-05	0.0045696	-0.084703
9mo_SIGAE3_	0.02900942	0.17081171	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.02320711	0.13500567	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.09681036	0.58921134	5.28E-05	0.0052469	-1.03
9mo_SIGAE3_	0.02273564	0.13209622	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.04095848	0.2445494	5.02E-05	0.0046325	-0.058715
9mo_SIGAE3_	0.01306275	0.0724048	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.04296827	0.2569518	5.17E-05	0.0047101	-0.042593
9mo_SIGAE3_	0.01818825	0.10403429	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.0246479	0.14389677	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.00816689	0.04219248	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.07185366	0.43520355	5.60E-05	0.012118	0.24161
9mo_SIGAE3_	0.01972778	0.11353472	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02335591	0.13592395	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02372377	0.13819398	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.030159	0.1779058	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.07611005	0.46146974	5.18E-05	0.013885	0.23393
9mo_SIGAE3_	0.03112989	0.18389714	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.02356591	0.13721986	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01904375	0.10931357	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01195028	0.06553978	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.09366616	0.5698085	5.06E-05	0.0067258	-0.7829
9mo_SIGAE3_	0.06896532	0.4173796	5.87E-05	0.010741	0.21248
9mo_SIGAE3_	0.07772622	0.4714431	5.05E-05	0.014229	0.21153
9mo_SIGAE3_	0.0237586	0.13840894	4.32E-05	0.0050338	-0.091842
9mo_SIGAE3_	0.02208717	0.1280945	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.08858227	0.53843576	4.82E-05	0.0098057	-0.3844
9mo_SIGAE3_	0.08819806	0.5360648	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.02719589	0.15962043	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03550068	0.21086927	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.02786899	0.16377412	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.01537523	0.08667511	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.01802381	0.1030195	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.04334312	0.25926498	5.21E-05	0.0047343	-0.038876
9mo_SIGAE3_	0.07867193	0.47727907	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.08918954	0.5421833	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.02293684	0.13333787	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.08586095	0.5216425	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.03147487	0.18602602	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.01827943	0.10459698	4.09E-05	0.0055879	0.030658

9mo_SIGAE3_	0.02615666	0.15320732	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.08012995	0.48627654	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.01581736	0.08940351	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02295217	0.13343242	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.01378336	0.07685167	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.03125379	0.18466173	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.0287945	0.16948548	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.01549813	0.08743354	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.04339228	0.25956836	5.21E-05	0.0047343	-0.038876
9mo_SIGAE3_	0.07983927	0.4844828	4.90E-05	0.014278	0.15946
9mo_SIGAE3_	0.06236764	0.37666535	6.35E-05	0.0078047	0.11565
9mo_SIGAE3_	0.02866468	0.16868432	4.49E-05	0.0047302	-0.12268
9mo_SIGAE3_	0.00777365	0.03976577	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.01508313	0.08487261	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.0285126	0.16774587	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.08535253	0.51850504	4.76E-05	0.012059	-0.14081
9mo_SIGAE3_	0.02376612	0.13845532	4.32E-05	0.0050338	-0.091842
9mo_SIGAE3_	0.01239419	0.06827916	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02068625	0.11944947	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02342029	0.1363212	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.06292284	0.3800915	6.33E-05	0.0080056	0.12359
9mo_SIGAE3_	0.02295907	0.13347505	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.0898791	0.5464385	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.01552766	0.08761577	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.03772869	0.22461836	4.84E-05	0.0045696	-0.084703
9mo_SIGAE3_	0.01872272	0.10733248	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.08307882	0.504474	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.0210323	0.12158493	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01844763	0.10563493	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01543655	0.08705352	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.04014535	0.23953155	4.99E-05	0.0046177	-0.063007
9mo_SIGAE3_	0.02102515	0.12154079	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.07972919	0.48380342	4.90E-05	0.014278	0.15946
9mo_SIGAE3_	0.02026872	0.11687288	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.04328926	0.2589326	5.17E-05	0.0047101	-0.038876
9mo_SIGAE3_	0.07851636	0.4763191	5.01E-05	0.014289	0.18889
9mo_SIGAE3_	0.01060908	0.05726324	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.07266545	0.44021308	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.01769703	0.10100298	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01754743	0.10007975	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.07123752	0.43140134	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.02370569	0.1380824	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02621992	0.15359774	4.42E-05	0.0048445	-0.11213

9mo_SIGAE3_	0.02046794	0.11810226	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02334776	0.13587362	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02478724	0.14475666	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.02647003	0.15514114	4.42E-05	0.0048445	-0.11546
9mo_SIGAE3_	0.01152163	0.06289457	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02926114	0.17236508	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01145284	0.06247004	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01412117	0.0789363	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.08474617	0.5147632	4.76E-05	0.012404	-0.069378
9mo_SIGAE3_	0.02114978	0.12230989	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02994777	0.17660232	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01677097	0.09528825	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.0251807	0.14718468	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.07310463	0.44292328	5.49E-05	0.012637	0.24489
9mo_SIGAE3_	0.09047429	0.5501114	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.03302254	0.19557671	4.64E-05	0.0045915	-0.11352
9mo_SIGAE3_	0.04230828	0.252879	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.08361123	0.50775945	4.77E-05	0.013036	-0.0045591
9mo_SIGAE3_	0.00777953	0.03980206	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.01784634	0.10192432	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.08455753	0.51359916	4.76E-05	0.012404	-0.069378
9mo_SIGAE3_	0.01884964	0.10811572	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.07086908	0.42912772	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.02395062	0.1395939	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02931292	0.17268465	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.07656111	0.46425322	5.13E-05	0.014025	0.22792
9mo_SIGAE3_	0.0110702	0.06010879	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.07448377	0.45143396	5.33E-05	0.013335	0.24406
9mo_SIGAE3_	0.05678104	0.34219038	6.27E-05	0.0061731	0.05269
9mo_SIGAE3_	0.07813782	0.4739831	5.01E-05	0.014289	0.20103
9mo_SIGAE3_	0.02604925	0.15254454	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.01975676	0.11371353	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02059929	0.11891281	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02478186	0.14472347	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.02691186	0.1578677	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.0186228	0.10671592	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01877217	0.10763763	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01772736	0.10119014	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.05745076	0.34632322	6.32E-05	0.0064035	0.057806
9mo_SIGAE3_	0.01416636	0.07921516	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.02166612	0.12549625	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.06182294	0.37330398	6.36E-05	0.0076138	0.10802
9mo_SIGAE3_	0.06646492	0.4019496	6.12E-05	0.0093985	0.18233

9mo_SIGAE3_	0.02478329	0.14473231	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.07191187	0.43556276	5.60E-05	0.012118	0.24161
9mo_SIGAE3_	0.06475219	0.3913804	6.24E-05	0.0086643	0.14863
9mo_SIGAE3_	0.08770095	0.53299713	4.79E-05	0.010571	-0.29935
9mo_SIGAE3_	0.02928584	0.17251754	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.04632228	0.27764937	5.44E-05	0.0048874	-0.021643
9mo_SIGAE3_	0.02212744	0.128343	4.26E-05	0.0051742	-0.068556
9mo_SIGAE3_	0.02549481	0.14912306	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.01487867	0.08361083	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08017968	0.48658344	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.09368888	0.5699487	5.06E-05	0.0067258	-0.7829
9mo_SIGAE3_	0.07549235	0.45765787	5.23E-05	0.013721	0.23858
9mo_SIGAE3_	0.01113389	0.06050183	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.02151606	0.12457018	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.06695489	0.40497324	6.07E-05	0.0096573	0.18233
9mo_SIGAE3_	0.01666386	0.09462725	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01780821	0.10168903	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.05003925	0.30058685	5.78E-05	0.0052091	0.0010449
9mo_SIGAE3_	0.02462884	0.14377914	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.0141927	0.07937771	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.08685407	0.52777106	4.78E-05	0.010952	-0.21781
9mo_SIGAE3_	0.07907541	0.479769	4.97E-05	0.014318	0.17506
9mo_SIGAE3_	0.04058161	0.2422237	4.99E-05	0.0046177	-0.058715
9mo_SIGAE3_	0.09904184	0.6029818	5.45E-05	0.0045382	-1.1701
9mo_SIGAE3_	0.02135569	0.12358054	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02452878	0.14316171	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.07947758	0.48225075	4.93E-05	0.014315	0.15946
9mo_SIGAE3_	0.02099398	0.12134843	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.08646613	0.52537704	4.77E-05	0.01133	-0.21781
9mo_SIGAE3_	0.04409808	0.26392388	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.10123175	0.6164957	5.62E-05	0.0040352	-1.2808
9mo_SIGAE3_	0.01659171	0.094182	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.0257625	0.150775	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.01872605	0.10735303	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.04190444	0.25038686	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.08009823	0.48608077	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.02477916	0.14470682	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.09385061	0.57094675	5.09E-05	0.0064439	-0.7829
9mo_SIGAE3_	0.01486839	0.08354744	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01165417	0.06371246	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01139413	0.06210777	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02017617	0.11630177	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.05424308	0.32652864	6.14E-05	0.0057798	0.030074

9mo_SIGAE3_	0.00498828	0.02257726	3.38E-05	0.0079991	0.55892
9mo_SIGAE3_	0.04062066	0.2424647	4.99E-05	0.0046177	-0.058715
9mo_SIGAE3_	0.05431379	0.32696497	6.14E-05	0.0057798	0.030074
9mo_SIGAE3_	0.00930466	0.04921364	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.030469	0.17981878	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.07486	0.45375568	5.28E-05	0.013537	0.24193
9mo_SIGAE3_	0.03251628	0.19245254	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.07016248	0.42476726	5.76E-05	0.011297	0.22487
9mo_SIGAE3_	0.01799022	0.10281227	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.03481929	0.20666446	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.02263985	0.1315051	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.1001104	0.60957587	5.53E-05	0.004262	-1.2296
9mo_SIGAE3_	0.07922681	0.4807033	4.93E-05	0.014315	0.17506
9mo_SIGAE3_	0.01225043	0.06739196	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.01896101	0.10880301	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.0960008	0.5842155	5.24E-05	0.0054581	-0.9515
9mo_SIGAE3_	0.04457671	0.2668775	5.30E-05	0.0047888	-0.031751
9mo_SIGAE3_	0.01235189	0.06801812	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.04225522	0.2525516	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.01101638	0.05977666	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.00598047	0.02870007	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.01577357	0.08913326	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.08170769	0.49601275	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.02395563	0.1396248	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02418035	0.14101152	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.07822727	0.47453508	5.01E-05	0.014289	0.20103
9mo_SIGAE3_	0.02204892	0.1278585	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02176011	0.1260762	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03051387	0.18009569	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.02376952	0.1384763	4.32E-05	0.0050338	-0.091842
9mo_SIGAE3_	0.08778273	0.5335018	4.80E-05	0.010188	-0.29935
9mo_SIGAE3_	0.08812436	0.53561	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.02215884	0.12853679	4.26E-05	0.0051742	-0.068556
9mo_SIGAE3_	0.02268142	0.13176166	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.02479568	0.14480872	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.07243806	0.4388099	5.54E-05	0.012382	0.24373
9mo_SIGAE3_	0.01602745	0.09069997	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.01609311	0.09110514	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.05313427	0.3196862	6.05E-05	0.0056127	0.022172
9mo_SIGAE3_	0.08102711	0.49181288	4.85E-05	0.0141	0.10139
9mo_SIGAE3_	0.00896087	0.04709213	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.03547955	0.21073887	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.0888532	0.5401077	4.82E-05	0.0098057	-0.3844

9mo_SIGAE3_	0.07282295	0.44118506	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.02271988	0.13199902	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.02821556	0.16591279	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.02342601	0.1363565	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.03598338	0.21384804	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.01119143	0.06085689	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01137121	0.0619663	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.07191864	0.4356045	5.60E-05	0.012118	0.24161
9mo_SIGAE3_	0.02560521	0.14980435	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.09088101	0.5526213	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.00866154	0.04524492	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.02106538	0.12178905	4.21E-05	0.0052798	-0.04878
9mo_SIGAE3_	0.07658353	0.46439162	5.13E-05	0.014025	0.22792
9mo_SIGAE3_	0.03004036	0.17717364	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01965522	0.11308694	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03595296	0.21366033	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.03324506	0.19694984	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.03038505	0.17930073	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.01882424	0.10795897	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02645112	0.15502444	4.42E-05	0.0048445	-0.11546
9mo_SIGAE3_	0.06887037	0.41679367	5.87E-05	0.010741	0.21248
9mo_SIGAE3_	0.01824159	0.10436343	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.06317946	0.38167506	6.33E-05	0.0080056	0.13178
9mo_SIGAE3_	0.02774291	0.16299607	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.0646503	0.3907516	6.24E-05	0.0086643	0.14863
9mo_SIGAE3_	0.01730393	0.09857716	4.03E-05	0.005729	0.046584
9mo_SIGAE3_	0.02493397	0.14566214	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.01918853	0.11020702	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.03362516	0.19929543	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.01663179	0.09442935	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02520705	0.14734732	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.06373659	0.3851131	6.30E-05	0.008216	0.14015
9mo_SIGAE3_	0.020328	0.11723866	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01583376	0.0895047	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.03050013	0.18001091	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.01123821	0.06114557	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01594665	0.09020133	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.04174316	0.24939166	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.02726364	0.1600385	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.08829133	0.5366404	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.01504673	0.08464798	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.09080187	0.55213296	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.04276384	0.25569028	5.13E-05	0.0046879	-0.042593

9mo_SIGAE3_	0.07516776	0.45565486	5.28E-05	0.013537	0.23858
9mo_SIGAE3_	0.01965438	0.11308175	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02639978	0.15470767	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.01853034	0.10614531	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.03709643	0.22071669	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.01608466	0.09105301	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02436355	0.14214209	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.03284284	0.19446775	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.08949178	0.54404837	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.06722488	0.4066393	6.03E-05	0.009922	0.19037
9mo_SIGAE3_	0.07027099	0.42543685	5.76E-05	0.011297	0.23016
9mo_SIGAE3_	0.0180728	0.10332186	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.03189082	0.18859284	4.60E-05	0.0046154	-0.11821
9mo_SIGAE3_	0.09536014	0.580262	5.16E-05	0.0059226	-0.91061
9mo_SIGAE3_	0.01891398	0.10851279	4.11E-05	0.0055212	0.0010121
9mo_SIGAE3_	0.03851725	0.22948456	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.090887	0.55265826	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.06818724	0.41257805	5.98E-05	0.010192	0.20551
9mo_SIGAE3_	0.08276942	0.50256467	4.79E-05	0.013563	0.02505
9mo_SIGAE3_	0.03878192	0.23111784	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.02326853	0.13538471	4.30E-05	0.0050782	-0.084895
9mo_SIGAE3_	0.07062785	0.4276391	5.71E-05	0.011574	0.23016
9mo_SIGAE3_	0.0481065	0.2886598	5.58E-05	0.0050083	-0.0087048
9mo_SIGAE3_	0.08877953	0.53965306	4.82E-05	0.0098057	-0.3844
9mo_SIGAE3_	0.091946	0.5591934	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.01062514	0.05736232	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.03048205	0.17989935	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.0086503	0.04517557	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.03061206	0.18070161	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.06281128	0.379403	6.35E-05	0.0078047	0.12359
9mo_SIGAE3_	0.02284654	0.13278058	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.03179236	0.18798524	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.08724257	0.5301685	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.01390237	0.07758614	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.08629863	0.52434343	4.77E-05	0.01133	-0.17867
9mo_SIGAE3_	0.01642522	0.09315459	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02947142	0.17366275	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01363193	0.07591724	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.03231356	0.19120155	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.02385113	0.13897991	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.07166345	0.4340298	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.01795575	0.10259955	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.00828909	0.04294658	3.56E-05	0.0072456	0.40559

9mo_SIGAE3_	0.01947018	0.11194509	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.08680668	0.5274786	4.78E-05	0.010952	-0.21781
9mo_SIGAE3_	0.06678232	0.4039083	6.07E-05	0.0096573	0.18233
9mo_SIGAE3_	0.02042409	0.11783168	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01500051	0.08436271	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08895768	0.5407525	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.07531157	0.4565423	5.23E-05	0.013721	0.23858
9mo_SIGAE3_	0.08832058	0.5368209	4.82E-05	0.0098057	-0.3415
9mo_SIGAE3_	0.04756733	0.28533262	5.53E-05	0.0049654	-0.01192
9mo_SIGAE3_	0.09288348	0.56497854	5.02E-05	0.0070215	-0.69483
9mo_SIGAE3_	0.01628381	0.09228201	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02500661	0.1461104	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.02914929	0.17167489	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.02009378	0.1157933	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08007132	0.48591474	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.03400249	0.20162396	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.03226864	0.1909244	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.03640467	0.21644782	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.01953982	0.11237483	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.0915506	0.5567534	4.93E-05	0.0079874	-0.60562
9mo_SIGAE3_	0.02284417	0.13276598	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.0891451	0.54190904	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.01317349	0.07308821	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02503265	0.14627106	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.03015134	0.1778585	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.02293078	0.13330045	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.02093632	0.12099261	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.03068756	0.18116751	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.08071973	0.4899161	4.87E-05	0.014207	0.12269
9mo_SIGAE3_	0.02002744	0.11538394	4.16E-05	0.0053955	-0.025531
9mo_SIGAE3_	0.0214564	0.12420201	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01956141	0.11250803	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.08967497	0.5451788	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.03727725	0.2218325	4.81E-05	0.0045652	-0.084703
9mo_SIGAE3_	0.08621243	0.52381146	4.77E-05	0.01133	-0.17867
9mo_SIGAE3_	0.02592433	0.15177365	4.40E-05	0.0048781	-0.11213
9mo_SIGAE3_	0.03362693	0.19930635	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.02705569	0.15875529	4.44E-05	0.004813	-0.11816
9mo_SIGAE3_	0.01716286	0.0977066	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.03783374	0.2252666	4.84E-05	0.0045696	-0.080425
9mo_SIGAE3_	0.09324334	0.56719923	5.06E-05	0.0067258	-0.73907
9mo_SIGAE3_	0.03185536	0.18837406	4.60E-05	0.0046154	-0.11821
9mo_SIGAE3_	0.09284488	0.56474036	5.02E-05	0.0070215	-0.69483

9mo_SIGAE3_	0.01781654	0.10174047	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.09918258	0.6038503	5.49E-05	0.0043938	-1.1701
9mo_SIGAE3_	0.02993639	0.17653207	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.07079339	0.42866063	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.03066846	0.18104969	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.08091962	0.49114957	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.02381681	0.13876812	4.32E-05	0.0050338	-0.091842
9mo_SIGAE3_	0.01673991	0.09509655	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.08196257	0.49758565	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.03862307	0.23013753	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.08729237	0.5304758	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.01962271	0.11288636	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.04929158	0.2959729	5.68E-05	0.0051026	-0.0022352
9mo_SIGAE3_	0.02800348	0.16460407	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.09426869	0.5735267	5.09E-05	0.0064439	-0.82618
9mo_SIGAE3_	0.01855947	0.10632511	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.0229185	0.13322468	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.08355776	0.50742954	4.77E-05	0.013036	-0.0045591
9mo_SIGAE3_	0.0134843	0.07500622	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02212282	0.12831452	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.07067042	0.42790177	5.71E-05	0.011574	0.23016
9mo_SIGAE3_	0.02332686	0.13574466	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.07319119	0.44345742	5.43E-05	0.012883	0.24489
9mo_SIGAE3_	0.01959013	0.11268531	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.04786236	0.2871532	5.58E-05	0.0050083	-0.01192
9mo_SIGAE3_	0.02860043	0.16828784	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.02986546	0.17609438	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01413552	0.07902489	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.0501942	0.301543	5.78E-05	0.0052091	0.0010449
9mo_SIGAE3_	0.09185422	0.558627	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.09873599	0.60109437	5.45E-05	0.0045382	-1.1375
9mo_SIGAE3_	0.01646026	0.09337083	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01217258	0.06691158	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.01596196	0.09029584	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.0326661	0.19337708	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.09734918	0.5925364	5.32E-05	0.0050496	-1.0673
9mo_SIGAE3_	0.07318575	0.44342387	5.43E-05	0.012883	0.24489
9mo_SIGAE3_	0.05347319	0.32177767	6.05E-05	0.0056127	0.026054
9mo_SIGAE3_	0.08114209	0.49252245	4.85E-05	0.0141	0.10139
9mo_SIGAE3_	0.09423807	0.5733377	5.09E-05	0.0064439	-0.82618
9mo_SIGAE3_	0.07959242	0.48295945	4.93E-05	0.014315	0.15946
9mo_SIGAE3_	0.06715751	0.40622362	6.07E-05	0.0096573	0.19037
9mo_SIGAE3_	0.07989254	0.48481148	4.90E-05	0.014278	0.15946

9mo_SIGAE3_	0.0837938	0.5088861	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.07907729	0.47978055	4.97E-05	0.014318	0.17506
9mo_SIGAE3_	0.07729368	0.4687739	5.09E-05	0.014141	0.21153
9mo_SIGAE3_	0.02142237	0.12399203	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01376863	0.07676081	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.04451538	0.26649904	5.30E-05	0.0047888	-0.031751
9mo_SIGAE3_	0.03019344	0.1781183	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01931094	0.11096241	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.07124157	0.43142635	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.08899028	0.5409536	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.03062128	0.18075849	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.01873797	0.10742662	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.05796496	0.34949633	6.32E-05	0.0064035	0.06315
9mo_SIGAE3_	0.01643142	0.09319288	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01655478	0.09395416	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.03633076	0.21599174	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.06122662	0.36962408	6.37E-05	0.0074328	0.10072
9mo_SIGAE3_	0.01584578	0.08957891	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02312413	0.13449362	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.08485233	0.51541835	4.76E-05	0.012404	-0.10433
9mo_SIGAE3_	0.03187109	0.1884711	4.60E-05	0.0046154	-0.11821
9mo_SIGAE3_	0.02519748	0.14728825	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.02396202	0.1396642	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.06513727	0.3937567	6.20E-05	0.0089013	0.15715
9mo_SIGAE3_	0.027898	0.16395319	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.03273651	0.19381161	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.02067404	0.11937407	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.07426785	0.45010152	5.33E-05	0.013335	0.24406
9mo_SIGAE3_	0.07983983	0.48448622	4.90E-05	0.014278	0.15946
9mo_SIGAE3_	0.02117028	0.12243637	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02812198	0.16533537	4.48E-05	0.0047558	-0.12174
9mo_SIGAE3_	0.02718667	0.15956354	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.0962515	0.58576256	5.24E-05	0.0054581	-0.99133
9mo_SIGAE3_	0.01760886	0.10045884	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02045052	0.11799477	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.10498476	0.63965553	5.90E-05	0.0036036	-1.3831
9mo_SIGAE3_	0.02329418	0.135543	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.04624835	0.27719316	5.44E-05	0.0048874	-0.021643
9mo_SIGAE3_	0.08050324	0.4885801	4.87E-05	0.014207	0.12269
9mo_SIGAE3_	0.02417897	0.14100303	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.0172659	0.09834243	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.01170514	0.06402702	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.0890241	0.5411623	4.84E-05	0.0094274	-0.3844

9mo_SIGAE3_	0.01297516	0.07186432	3.80E-05	0.0063994	0.19734
9mo_SIGAE3_	0.01797804	0.10273706	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.01145816	0.06250292	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.03086223	0.18224545	4.57E-05	0.0046464	-0.12145
9mo_SIGAE3_	0.00940025	0.04980352	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.02114659	0.12229022	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01656512	0.09401793	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.03180429	0.18805885	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.07779723	0.4718813	5.05E-05	0.014229	0.20103
9mo_SIGAE3_	0.025477	0.14901319	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.02326554	0.13536628	4.30E-05	0.0050782	-0.084895
9mo_SIGAE3_	0.00807425	0.04162077	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.01105337	0.06000496	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01578154	0.08918245	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.00267471	0.0083002	3.23E-05	0.0087041	0.69119
9mo_SIGAE3_	0.03521591	0.20911199	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.02399561	0.13987151	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.097377	0.59270805	5.32E-05	0.0050496	-1.0673
9mo_SIGAE3_	0.00959644	0.05101421	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.09309791	0.5663018	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.0168854	0.09599439	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.02597762	0.1521025	4.40E-05	0.0048781	-0.11213
9mo_SIGAE3_	0.01694374	0.09635438	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.02362657	0.13759416	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.08314426	0.5048778	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.02705016	0.15872116	4.44E-05	0.004813	-0.11816
9mo_SIGAE3_	0.03141751	0.18567207	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.01633088	0.09257244	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.03625966	0.21555296	4.77E-05	0.0045615	-0.092976
9mo_SIGAE3_	0.08276551	0.5025406	4.79E-05	0.013563	0.02505
9mo_SIGAE3_	0.02255263	0.13096686	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.08277573	0.50260365	4.79E-05	0.013563	0.02505
9mo_SIGAE3_	0.04269737	0.25528005	5.13E-05	0.0046879	-0.042593
9mo_SIGAE3_	0.0785353	0.47643593	5.01E-05	0.014289	0.18889
9mo_SIGAE3_	0.08943042	0.5436697	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.0884351	0.53752756	4.82E-05	0.0098057	-0.3415
9mo_SIGAE3_	0.03203874	0.18950568	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.03000317	0.1769442	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.03657083	0.21747321	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.0282348	0.16603158	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.12570435	0.76751614	6.95E-05	0.0054748	-0.97507
9mo_SIGAE3_	0.0199396	0.11484185	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.01958944	0.11268105	4.16E-05	0.0053955	-0.012659

9mo_SIGAE3_	0.02264229	0.13152014	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.00491325	0.02211427	3.38E-05	0.0079991	0.55892
9mo_SIGAE3_	0.09404775	0.5721632	5.09E-05	0.0064439	-0.82618
9mo_SIGAE3_	0.0858238	0.52141327	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.0331276	0.19622503	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.02804913	0.16488576	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.03542361	0.21039373	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.03447215	0.20452222	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.04223676	0.25243765	5.09E-05	0.0046676	-0.04643
9mo_SIGAE3_	0.09037767	0.54951525	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.0296368	0.17468329	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.10576259	0.64445555	5.98E-05	0.0035674	-1.3882
9mo_SIGAE3_	0.07216818	0.43714446	5.54E-05	0.012382	0.24161
9mo_SIGAE3_	0.02034908	0.11736879	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02013883	0.11607131	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02902336	0.17089774	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.03478401	0.2064467	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.04577298	0.27425966	5.39E-05	0.0048522	-0.024952
9mo_SIGAE3_	0.1022713	0.6229108	5.70E-05	0.0038563	-1.3227
9mo_SIGAE3_	0.10108382	0.6155829	5.62E-05	0.0040352	-1.2808
9mo_SIGAE3_	0.0382228	0.22766751	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.03713767	0.22097118	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.02147021	0.12428727	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.09187699	0.5587675	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.02713844	0.15926594	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.06611455	0.39978746	6.12E-05	0.0093985	0.17407
9mo_SIGAE3_	0.08984409	0.5462225	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.02879185	0.16946912	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.02225089	0.12910487	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01522589	0.08575353	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.07399587	0.44842312	5.38E-05	0.013116	0.24406
9mo_SIGAE3_	0.0594193	0.35847113	6.37E-05	0.0067983	0.080679
9mo_SIGAE3_	0.03826889	0.22795194	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.0860666	0.52291155	4.76E-05	0.0117	-0.17867
9mo_SIGAE3_	0.07593474	0.4603879	5.18E-05	0.013885	0.23393
9mo_SIGAE3_	0.02566329	0.15016274	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.03022679	0.1783241	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.02254489	0.13091908	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.0866024	0.526218	4.77E-05	0.01133	-0.21781
9mo_SIGAE3_	0.08417147	0.51121676	4.76E-05	0.012731	-0.036078
9mo_SIGAE3_	0.02930031	0.1726068	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.09354238	0.56904465	5.06E-05	0.0067258	-0.7829
9mo_SIGAE3_	0.01857106	0.10639662	4.11E-05	0.0055212	0.015459

9mo_SIGAE3_	0.03091245	0.18255532	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.07866522	0.4772377	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.01608951	0.09108297	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.00640335	0.03130966	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.02634159	0.15434854	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.04319005	0.2583204	5.17E-05	0.0047101	-0.042593
9mo_SIGAE3_	0.01907421	0.10950155	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.05251638	0.3158732	5.97E-05	0.0054628	0.018414
9mo_SIGAE3_	0.08449026	0.513184	4.76E-05	0.012731	-0.069378
9mo_SIGAE3_	0.02151346	0.12455417	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02826135	0.16619538	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.0192309	0.11046849	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01060336	0.0572279	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.02859076	0.1682282	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.0228111	0.1325619	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.01925728	0.11063129	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02766576	0.16252	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.01709912	0.09731323	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.07379396	0.44717717	5.38E-05	0.013116	0.24502
9mo_SIGAE3_	0.0378229	0.22519973	4.84E-05	0.0045696	-0.080425
9mo_SIGAE3_	0.02820334	0.16583744	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.0259109	0.15169075	4.40E-05	0.0048781	-0.11213
9mo_SIGAE3_	0.08383784	0.5091579	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.03043129	0.17958608	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.08144071	0.49436525	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.08355902	0.5074373	4.77E-05	0.013036	-0.0045591
9mo_SIGAE3_	0.02811413	0.16528687	4.48E-05	0.0047558	-0.12174
9mo_SIGAE3_	0.03530176	0.20964174	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.06791443	0.41089454	5.98E-05	0.010192	0.19812
9mo_SIGAE3_	0.09295397	0.56541353	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.08254371	0.5011718	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.09559144	0.58168936	5.20E-05	0.0056833	-0.9515
9mo_SIGAE3_	0.03535907	0.20999542	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.02290715	0.13315465	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.06987918	0.42301905	5.82E-05	0.011019	0.22487
9mo_SIGAE3_	0.01679678	0.0954475	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.07442509	0.45107183	5.33E-05	0.013335	0.24406
9mo_SIGAE3_	0.01592534	0.09006984	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02879539	0.16949093	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.08567657	0.5205047	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.02931189	0.17267826	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.02021184	0.11652184	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02680543	0.15721093	4.44E-05	0.004813	-0.11546

9mo_SIGAE3_	0.0229261	0.13327159	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.08466055	0.51423484	4.76E-05	0.012404	-0.069378
9mo_SIGAE3_	0.07723367	0.4684036	5.09E-05	0.014141	0.21153
9mo_SIGAE3_	0.02370665	0.13808832	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.04539947	0.27195475	5.34E-05	0.0048194	-0.024952
9mo_SIGAE3_	0.01024514	0.05501736	3.65E-05	0.0069072	0.30902
9mo_SIGAE3_	0.08254173	0.50115967	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.08133839	0.49373382	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.02682748	0.15734698	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.02344885	0.13649747	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.04933854	0.29626274	5.73E-05	0.0051543	-0.0022352
9mo_SIGAE3_	0.01196343	0.06562092	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02534967	0.14822741	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.09032663	0.54920024	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.04917287	0.2952404	5.68E-05	0.0051026	-0.0022352
9mo_SIGAE3_	0.02206616	0.12796484	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03174627	0.18770082	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.02403465	0.1401124	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.08659825	0.52619237	4.77E-05	0.01133	-0.21781
9mo_SIGAE3_	0.02066507	0.11931872	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.04587956	0.27491736	5.39E-05	0.0048522	-0.024952
9mo_SIGAE3_	0.04941046	0.29670656	5.73E-05	0.0051543	-0.0022352
9mo_SIGAE3_	0.08873512	0.539379	4.82E-05	0.0098057	-0.3844
9mo_SIGAE3_	0.03587525	0.21318078	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.0741027	0.44908237	5.38E-05	0.013116	0.24406
9mo_SIGAE3_	0.03250412	0.19237752	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.01065905	0.05757158	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.07354913	0.44566628	5.43E-05	0.012883	0.24502
9mo_SIGAE3_	0.04849377	0.29104963	5.63E-05	0.005054	-0.0087048
9mo_SIGAE3_	0.02196539	0.12734304	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02740999	0.16094168	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.08372799	0.50848	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.02829917	0.16642879	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.03190411	0.18867487	4.60E-05	0.0046154	-0.11821
9mo_SIGAE3_	0.01509559	0.08494949	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08513197	0.51714396	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.06915389	0.41854328	5.87E-05	0.010741	0.21895
9mo_SIGAE3_	0.02196369	0.12733254	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.07396632	0.44824076	5.38E-05	0.013116	0.24502
9mo_SIGAE3_	0.01128702	0.06144676	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.08004747	0.48576754	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.07741884	0.4695463	5.09E-05	0.014141	0.21153
9mo_SIGAE3_	0.02022935	0.11662992	4.19E-05	0.0053364	-0.025531

9mo_SIGAE3_	0.01154864	0.06306121	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.08974665	0.54562116	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.02270433	0.13190302	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.09704482	0.5906582	5.32E-05	0.0050496	-1.03
9mo_SIGAE3_	0.05795419	0.34942994	6.32E-05	0.0064035	0.06315
9mo_SIGAE3_	0.09431624	0.5738201	5.13E-05	0.0061762	-0.82618
9mo_SIGAE3_	0.1088116	0.66327095	6.15E-05	0.003602	-1.3789
9mo_SIGAE3_	0.02371883	0.13816349	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.03485176	0.20686483	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.06265812	0.37845784	6.35E-05	0.0078047	0.12359
9mo_SIGAE3_	0.0735371	0.44559205	5.43E-05	0.012883	0.24502
9mo_SIGAE3_	0.0357027	0.21211597	4.74E-05	0.0045622	-0.096915
9mo_SIGAE3_	0.02267551	0.13172516	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.07911395	0.48000678	4.93E-05	0.014315	0.17506
9mo_SIGAE3_	0.08733157	0.53071773	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.01265995	0.06991913	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.0814251	0.49426892	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.09019382	0.5483807	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.08960547	0.54475	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.04416041	0.2643085	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.08591435	0.52197206	4.76E-05	0.0117	-0.17867
9mo_SIGAE3_	0.07047629	0.42670378	5.71E-05	0.011574	0.23016
9mo_SIGAE3_	0.06187937	0.37365222	6.36E-05	0.0076138	0.10802
9mo_SIGAE3_	0.09142242	0.5559624	4.93E-05	0.0079874	-0.60562
9mo_SIGAE3_	0.03137177	0.18538979	4.58E-05	0.00463	-0.12002
9mo_SIGAE3_	0.03521252	0.20909107	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.00878099	0.04598204	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.07874527	0.47773167	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.04574236	0.2740707	5.39E-05	0.0048522	-0.024952
9mo_SIGAE3_	0.01813765	0.10372201	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.00943766	0.05003435	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.08839896	0.5373046	4.82E-05	0.0098057	-0.3415
9mo_SIGAE3_	0.04136239	0.24704191	5.05E-05	0.0046492	-0.054504
9mo_SIGAE3_	0.04422645	0.26471603	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.071798	0.4348601	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.09617337	0.5852805	5.24E-05	0.0054581	-0.99133
9mo_SIGAE3_	0.01560184	0.08807353	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.03736912	0.22239941	4.81E-05	0.0045652	-0.084703
9mo_SIGAE3_	0.07195455	0.43582612	5.60E-05	0.012118	0.24161
9mo_SIGAE3_	0.03384971	0.20068118	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.00530861	0.02455401	3.38E-05	0.0079991	0.55892
9mo_SIGAE3_	0.02811559	0.16529593	4.48E-05	0.0047558	-0.12174
9mo_SIGAE3_	0.07918142	0.48042315	4.93E-05	0.014315	0.17506

9mo_SIGAE3_	0.02444647	0.1426538	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.02611785	0.15296784	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.01621346	0.09184784	3.98E-05	0.0058806	0.080526
9mo_SIGAE3_	0.01098671	0.05959356	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.02254916	0.13094547	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01815243	0.10381322	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.04766531	0.2859372	5.53E-05	0.0049654	-0.01192
9mo_SIGAE3_	0.05055966	0.3037983	5.83E-05	0.0052672	0.0043724
9mo_SIGAE3_	0.0184769	0.10581555	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02093083	0.12095874	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.05040691	0.30285564	5.83E-05	0.0052672	0.0043724
9mo_SIGAE3_	0.083768	0.50872695	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.08933687	0.54309237	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.09691554	0.58986044	5.28E-05	0.0052469	-1.03
9mo_SIGAE3_	0.088696	0.5391376	4.82E-05	0.0098057	-0.3844
9mo_SIGAE3_	0.01755847	0.10014793	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.07624572	0.46230695	5.18E-05	0.013885	0.22792
9mo_SIGAE3_	0.0151333	0.08518221	3.92E-05	0.0060428	0.11709
9mo_SIGAE3_	0.07012444	0.42453253	5.76E-05	0.011297	0.22487
9mo_SIGAE3_	0.02526681	0.14771609	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.02333819	0.13581458	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.08278827	0.502681	4.79E-05	0.013563	0.02505
9mo_SIGAE3_	0.02295539	0.13345234	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.08404013	0.5104062	4.76E-05	0.012731	-0.036078
9mo_SIGAE3_	0.09050267	0.5502866	4.91E-05	0.0083333	-0.51631
9mo_SIGAE3_	0.01363595	0.07594203	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.05240786	0.31520352	5.97E-05	0.0054628	0.018414
9mo_SIGAE3_	0.04892199	0.2936922	5.68E-05	0.0051026	-0.0054808
9mo_SIGAE3_	0.00838564	0.04354239	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01832604	0.10488461	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.02854187	0.16792649	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.03149628	0.18615815	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.02469308	0.14417557	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.0301202	0.17766637	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01489568	0.08371584	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.03612843	0.21474312	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.01747652	0.09964221	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01077988	0.05831721	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.0732791	0.44399992	5.43E-05	0.012883	0.24489
9mo_SIGAE3_	0.06887588	0.41682765	5.87E-05	0.010741	0.21248
9mo_SIGAE3_	0.0091417	0.04820801	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.03312688	0.19622059	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.0207083	0.11958551	4.21E-05	0.0052798	-0.037579

9mo_SIGAE3_	0.02720925	0.15970285	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03270294	0.19360445	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.0675615	0.40871662	6.03E-05	0.009922	0.19812
9mo_SIGAE3_	0.02345007	0.13650501	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01490244	0.08375754	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08650366	0.5256087	4.77E-05	0.01133	-0.21781
9mo_SIGAE3_	0.09047201	0.55009735	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.04226561	0.2526157	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.01352848	0.07527883	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.08490244	0.5157276	4.76E-05	0.012404	-0.10433
9mo_SIGAE3_	0.04034822	0.24078345	4.99E-05	0.0046177	-0.063007
9mo_SIGAE3_	0.02255474	0.13097988	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.07483111	0.45357743	5.28E-05	0.013537	0.24193
9mo_SIGAE3_	0.08211484	0.4985253	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.06268521	0.37862504	6.35E-05	0.0078047	0.12359
9mo_SIGAE3_	0.01124078	0.06116146	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01267895	0.07003639	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01594103	0.09016667	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.06793694	0.41103348	5.98E-05	0.010192	0.19812
9mo_SIGAE3_	0.06719855	0.40647683	6.03E-05	0.009922	0.19037
9mo_SIGAE3_	0.02763566	0.16233426	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.03531665	0.20973362	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.03709984	0.2207377	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.08222493	0.49920464	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.03658084	0.21753493	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.02308675	0.13426295	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.03495469	0.20750001	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.02938209	0.1731115	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.02511088	0.14675386	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.00616552	0.02984202	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.02269156	0.1318242	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.02427824	0.14161561	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02603186	0.15243718	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.02808434	0.1651031	4.48E-05	0.0047558	-0.12174
9mo_SIGAE3_	0.08221976	0.49917275	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.01811114	0.10355845	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.0177973	0.1016217	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.0306939	0.18120666	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.06441275	0.38928568	6.27E-05	0.0084357	0.14863
9mo_SIGAE3_	0.02095924	0.12113409	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02132619	0.12339851	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.07284851	0.44134274	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.02345455	0.1365326	4.32E-05	0.0050338	-0.084895

9mo_SIGAE3_	0.09452406	0.57510257	5.13E-05	0.0061762	-0.8688
9mo_SIGAE3_	0.02828043	0.16631316	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.01971637	0.11346433	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.08105236	0.4919687	4.85E-05	0.0141	0.10139
9mo_SIGAE3_	0.01833401	0.1049338	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.08564157	0.5202887	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.07980752	0.48428681	4.90E-05	0.014278	0.15946
9mo_SIGAE3_	0.02904812	0.17105058	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.07293406	0.44187072	5.49E-05	0.012637	0.24489
9mo_SIGAE3_	0.04239507	0.25341457	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.02074388	0.11980506	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02886427	0.16991602	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.02869496	0.1688712	4.49E-05	0.0047302	-0.12268
9mo_SIGAE3_	0.01498887	0.08429093	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02793305	0.16416946	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.02592246	0.1517621	4.40E-05	0.0048781	-0.11213
9mo_SIGAE3_	0.07631323	0.46272355	5.18E-05	0.013885	0.22792
9mo_SIGAE3_	0.02101811	0.12149734	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01212383	0.06661074	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.03381979	0.20049651	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.08054616	0.488845	4.87E-05	0.014207	0.12269
9mo_SIGAE3_	0.03853956	0.22962222	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.08144195	0.4943729	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.08397018	0.5099746	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.01392418	0.07772072	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.09598506	0.5841184	5.24E-05	0.0054581	-0.9515
9mo_SIGAE3_	0.01719794	0.09792306	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.02263098	0.13145037	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.08914372	0.5419005	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.02382629	0.13882662	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.0307437	0.18151398	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.09006807	0.5476046	4.88E-05	0.0086895	-0.47194
9mo_SIGAE3_	0.01117605	0.06076196	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.0908602	0.5524929	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.03547183	0.21069129	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.01866841	0.10699734	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.09567587	0.5822104	5.20E-05	0.0056833	-0.9515
9mo_SIGAE3_	0.08196251	0.49758527	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.09202033	0.5596521	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.0216234	0.12523262	4.24E-05	0.0052258	-0.059109
9mo_SIGAE3_	0.01523608	0.08581644	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.0137296	0.07651995	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.02575773	0.15074557	4.40E-05	0.0048781	-0.10813

9mo_SIGAE3_	0.07366099	0.44635656	5.43E-05	0.012883	0.24502
9mo_SIGAE3_	0.08008814	0.4860185	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.02250357	0.13066414	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.02118596	0.12253314	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02567434	0.15023096	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.03477246	0.20637545	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.01933165	0.1110902	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01784053	0.1018885	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.01791117	0.10232443	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.02938739	0.17314416	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.08374038	0.5085565	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.01851073	0.10602432	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02254676	0.13093069	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.02392034	0.13940704	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.01907193	0.10948746	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.09006256	0.54757065	4.88E-05	0.0086895	-0.47194
9mo_SIGAE3_	0.03676441	0.21866775	4.79E-05	0.0045625	-0.088896
9mo_SIGAE3_	0.09012583	0.54796106	4.88E-05	0.0086895	-0.47194
9mo_SIGAE3_	0.04225583	0.2525553	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.0138673	0.07736968	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.09315566	0.5666582	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.08926038	0.54262036	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.07360528	0.44601282	5.43E-05	0.012883	0.24502
9mo_SIGAE3_	0.08966073	0.5450909	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.04429057	0.2651117	5.25E-05	0.0047605	-0.031751
9mo_SIGAE3_	0.02447763	0.14284606	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.0721038	0.43674716	5.54E-05	0.012382	0.24161
9mo_SIGAE3_	0.01316544	0.0730385	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01878656	0.10772647	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.08919625	0.54222465	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.01993093	0.11478836	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.09859812	0.6002436	5.40E-05	0.0046955	-1.1375
9mo_SIGAE3_	0.02762591	0.1622741	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.02226846	0.12921327	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01932899	0.11107378	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.04574771	0.2741037	5.39E-05	0.0048522	-0.024952
9mo_SIGAE3_	0.03054787	0.18030548	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.01868142	0.10707765	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.07276272	0.44081336	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.01230709	0.06774163	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.01304717	0.07230865	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.08705942	0.5290383	4.78E-05	0.010952	-0.25808
9mo_SIGAE3_	0.02725575	0.15998985	4.46E-05	0.0047834	-0.11816

9mo_SIGAE3_	0.04235539	0.25316972	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.05088087	0.30578047	5.83E-05	0.0052672	0.0077602
9mo_SIGAE3_	0.03562964	0.21166511	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.01505123	0.0846757	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08906734	0.54142916	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.07375525	0.44693825	5.38E-05	0.013116	0.24502
9mo_SIGAE3_	0.01927097	0.11071574	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.04447186	0.26623046	5.30E-05	0.0047888	-0.031751
9mo_SIGAE3_	0.03905723	0.23281679	4.92E-05	0.0045932	-0.071721
9mo_SIGAE3_	0.01583128	0.08948942	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.07426413	0.45007858	5.33E-05	0.013335	0.24406
9mo_SIGAE3_	0.02676631	0.15696949	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.01890181	0.10843769	4.11E-05	0.0055212	0.0010121
9mo_SIGAE3_	0.09829398	0.59836674	5.40E-05	0.0046955	-1.1375
9mo_SIGAE3_	0.02030814	0.11711615	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08964913	0.5450193	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.01731547	0.09864835	4.03E-05	0.005729	0.046584
9mo_SIGAE3_	0.01484907	0.0834282	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01757318	0.10023871	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.07916459	0.48031932	4.93E-05	0.014315	0.17506
9mo_SIGAE3_	0.02265555	0.131602	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.0296914	0.17502025	4.53E-05	0.0046846	-0.12301
9mo_SIGAE3_	0.0878683	0.5340299	4.80E-05	0.010188	-0.29935
9mo_SIGAE3_	0.00698784	0.03491657	3.47E-05	0.0076096	0.48124
9mo_SIGAE3_	0.06219787	0.37561765	6.36E-05	0.0076138	0.11565
9mo_SIGAE3_	0.03084339	0.18212917	4.57E-05	0.0046464	-0.12145
9mo_SIGAE3_	0.01852674	0.10612308	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02859582	0.16825941	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.01938441	0.11141581	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.08735034	0.53083354	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.07169815	0.43424392	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.0186865	0.10710897	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.06050605	0.36517742	6.38E-05	0.0070986	0.09374
9mo_SIGAE3_	0.02762561	0.16227221	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.05521288	0.33251327	6.17E-05	0.0058704	0.038579
9mo_SIGAE3_	0.07610612	0.46144545	5.18E-05	0.013885	0.23393
9mo_SIGAE3_	0.08600052	0.5225038	4.76E-05	0.0117	-0.17867
9mo_SIGAE3_	0.0106717	0.05764966	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.06327717	0.38227803	6.33E-05	0.0080056	0.13178
9mo_SIGAE3_	0.03634669	0.21609	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.09964083	0.6066782	5.49E-05	0.0043938	-1.2008
9mo_SIGAE3_	0.02362675	0.1375953	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01944629	0.11179762	4.14E-05	0.0054571	-0.012659

9mo_SIGAE3_	0.01938183	0.11139984	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01950119	0.11213642	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.0880847	0.5353653	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.01534504	0.0864888	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.02922715	0.17215532	4.51E-05	0.0047064	-0.1231
9mo_SIGAE3_	0.02384656	0.13895175	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.0202207	0.11657653	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.09134322	0.5554736	4.93E-05	0.0079874	-0.60562
9mo_SIGAE3_	0.06932601	0.41960543	5.87E-05	0.010741	0.21895
9mo_SIGAE3_	0.07170489	0.43428552	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.01894406	0.10869838	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02101058	0.1214509	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.08794446	0.5344999	4.80E-05	0.010188	-0.29935
9mo_SIGAE3_	0.02057528	0.11876462	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02402303	0.1400407	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.04598509	0.2755686	5.39E-05	0.0048522	-0.021643
9mo_SIGAE3_	0.02206225	0.12794074	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02232577	0.12956694	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.08380248	0.50893974	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.02159288	0.12504426	4.24E-05	0.0052258	-0.059109
9mo_SIGAE3_	0.01672678	0.09501557	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.01480266	0.08314178	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.0214476	0.12414771	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.03789435	0.22564061	4.84E-05	0.0045696	-0.080425
9mo_SIGAE3_	0.02959147	0.17440353	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01168525	0.06390428	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02370556	0.13808158	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02911902	0.1714881	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.06621879	0.40043074	6.12E-05	0.0093985	0.17407
9mo_SIGAE3_	0.01804468	0.1031483	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.07863753	0.47706684	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.07813873	0.47398874	5.01E-05	0.014289	0.20103
9mo_SIGAE3_	0.02511998	0.14680998	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.0507419	0.30492288	5.83E-05	0.0052672	0.0043724
9mo_SIGAE3_	0.02073586	0.1197556	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02301777	0.13383725	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.03026811	0.17857909	4.55E-05	0.0046645	-0.12245
9mo_SIGAE3_	0.06453403	0.3900341	6.24E-05	0.0086643	0.14863
9mo_SIGAE3_	0.01208856	0.06639306	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.01972846	0.11353894	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.07123032	0.43135694	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.09123881	0.5548293	4.93E-05	0.0079874	-0.56091
9mo_SIGAE3_	0.0237032	0.13806704	4.32E-05	0.0050338	-0.084895

9mo_SIGAE3_	0.02750726	0.16154192	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.07595485	0.460512	5.18E-05	0.013885	0.23393
9mo_SIGAE3_	0.08942764	0.5436526	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.03499928	0.20777515	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.02186296	0.12671092	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01537405	0.08666784	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.0117306	0.06418411	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02499968	0.14606763	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.08295474	0.50370824	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.02457692	0.14345877	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.01546397	0.08722277	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.02092094	0.12089772	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.0485444	0.2913621	5.63E-05	0.005054	-0.0087048
9mo_SIGAE3_	0.0110156	0.05977184	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01696856	0.09650759	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.02220732	0.12883598	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.03176771	0.18783315	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.02933925	0.17284712	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01921949	0.11039808	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.03545488	0.21058668	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.07450203	0.45154664	5.33E-05	0.013335	0.24406
9mo_SIGAE3_	0.06653624	0.40238976	6.12E-05	0.0093985	0.18233
9mo_SIGAE3_	0.00999442	0.05347017	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.02788209	0.163855	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.08197288	0.49764922	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.0575886	0.34717387	6.32E-05	0.0064035	0.057806
9mo_SIGAE3_	0.03016344	0.17793319	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01395119	0.07788739	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.1114118	0.6793168	6.31E-05	0.0037825	-1.3299
9mo_SIGAE3_	0.01621804	0.09187611	3.98E-05	0.0058806	0.080526
9mo_SIGAE3_	0.03979979	0.23739912	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.03260091	0.19297482	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.0937278	0.5701888	5.06E-05	0.0067258	-0.7829
9mo_SIGAE3_	0.02331105	0.1356471	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02097494	0.12123095	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.03047853	0.1798776	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.03165489	0.18713692	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.02501861	0.14618444	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.01962243	0.11288457	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03091816	0.18259054	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.09286472	0.5648627	5.02E-05	0.0070215	-0.69483
9mo_SIGAE3_	0.006914	0.03446087	3.47E-05	0.0076096	0.48124
9mo_SIGAE3_	0.02599414	0.15220445	4.42E-05	0.0048445	-0.11213

9mo_SIGAE3_	0.02956343	0.1742305	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.0823656	0.5000727	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.08486687	0.51550806	4.76E-05	0.012404	-0.10433
9mo_SIGAE3_	0.02084965	0.12045781	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.0087555	0.04582479	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.01489419	0.08370666	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.07105326	0.43026426	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.03590089	0.21333897	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.02388217	0.13917145	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.01129783	0.06151348	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.08686296	0.5278259	4.78E-05	0.010952	-0.21781
9mo_SIGAE3_	0.08499397	0.51629233	4.76E-05	0.012404	-0.10433
9mo_SIGAE3_	0.08543609	0.51902074	4.76E-05	0.012059	-0.14081
9mo_SIGAE3_	0.02104494	0.12166293	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02680077	0.15718213	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.03077974	0.18173641	4.57E-05	0.0046464	-0.12145
9mo_SIGAE3_	0.01912283	0.10980157	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02336956	0.13600814	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.08205819	0.4981757	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.08096063	0.4914027	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.03995474	0.23835532	4.95E-05	0.0046046	-0.063007
9mo_SIGAE3_	0.01305165	0.0723363	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.04747779	0.28478006	5.53E-05	0.0049654	-0.01514
9mo_SIGAE3_	0.08633888	0.5245918	4.77E-05	0.01133	-0.17867
9mo_SIGAE3_	0.02622396	0.15362269	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.03803853	0.22653034	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.02040602	0.11772011	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.0619933	0.37435526	6.36E-05	0.0076138	0.10802
9mo_SIGAE3_	0.01265326	0.06987787	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.02236208	0.12979099	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.03039255	0.17934704	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.019471	0.11195011	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.01635578	0.09272609	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.08691619	0.52815443	4.78E-05	0.010952	-0.21781
9mo_SIGAE3_	0.08759529	0.5323451	4.79E-05	0.010571	-0.29935
9mo_SIGAE3_	0.02141192	0.12392758	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02007276	0.11566361	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01558983	0.08799942	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.02367917	0.13791877	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02646168	0.15508963	4.42E-05	0.0048445	-0.11546
9mo_SIGAE3_	0.02493617	0.1456757	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.08297846	0.50385463	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.02693986	0.15804045	4.44E-05	0.004813	-0.11546

9mo_SIGAE3_	0.08516335	0.5173376	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.0145124	0.08135061	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.08856371	0.53832126	4.82E-05	0.0098057	-0.3415
9mo_SIGAE3_	0.01742352	0.09931511	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01711723	0.09742501	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.08538654	0.5187149	4.76E-05	0.012059	-0.14081
9mo_SIGAE3_	0.08009741	0.48607573	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.0327795	0.19407688	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.02523797	0.1475381	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.02485262	0.14516012	4.36E-05	0.0049516	-0.10343
9mo_SIGAE3_	0.0933757	0.56801605	5.06E-05	0.0067258	-0.73907
9mo_SIGAE3_	0.090977	0.55321366	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.0111097	0.06035256	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.03005538	0.17726637	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.10354833	0.6307913	5.82E-05	0.0036742	-1.3542
9mo_SIGAE3_	0.03409049	0.20216699	4.68E-05	0.0045746	-0.10761
9mo_SIGAE3_	0.01289371	0.07136164	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.09309977	0.56631327	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.05340381	0.32134953	6.05E-05	0.0056127	0.022172
9mo_SIGAE3_	0.01442337	0.08080122	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.05362985	0.32274437	6.10E-05	0.005694	0.026054
9mo_SIGAE3_	0.0262441	0.15374693	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.02385588	0.13900925	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.01474339	0.08277602	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.07590675	0.46021515	5.18E-05	0.013885	0.23393
9mo_SIGAE3_	0.03829056	0.22808565	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.01740272	0.09918676	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02074751	0.11982745	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.07164446	0.4339126	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.08131907	0.4936146	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.01400531	0.07822133	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01476396	0.08290296	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.0311751	0.18417613	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.02085701	0.12050318	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01978076	0.11386166	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03014051	0.1777917	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.02154261	0.12473404	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.09176447	0.55807316	4.96E-05	0.0076529	-0.60562
9mo_SIGAE3_	0.09204656	0.5598139	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.00911228	0.04802648	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.0332646	0.19707046	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.01678383	0.09536759	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.09013271	0.54800355	4.88E-05	0.0086895	-0.47194

9mo_SIGAE3_	0.08029702	0.48730755	4.87E-05	0.014207	0.14202
9mo_SIGAE3_	0.0309222	0.18261553	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.02552076	0.14928323	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.01697509	0.09654786	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.02557796	0.14963622	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.03310061	0.19605844	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.05972616	0.36036474	6.37E-05	0.0069445	0.080679
9mo_SIGAE3_	0.01590724	0.08995817	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.08188605	0.49711347	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.07947195	0.48221603	4.93E-05	0.014315	0.15946
9mo_SIGAE3_	0.01764362	0.10067336	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.08323791	0.50545573	4.78E-05	0.013315	-0.0045591
9mo_SIGAE3_	0.05246525	0.31555766	5.97E-05	0.0054628	0.018414
9mo_SIGAE3_	0.02060806	0.11896695	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02128161	0.12312339	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01465126	0.08220748	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01309655	0.07261342	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02299823	0.1337167	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.01479533	0.08309654	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08955131	0.5444157	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.03799665	0.22627194	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.0873344	0.5307352	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.09885842	0.6018499	5.45E-05	0.0045382	-1.1701
9mo_SIGAE3_	0.0250051	0.14610109	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.09753509	0.59368366	5.36E-05	0.0048658	-1.0673
9mo_SIGAE3_	0.04568047	0.27368882	5.39E-05	0.0048522	-0.024952
9mo_SIGAE3_	0.06937694	0.4199197	5.82E-05	0.011019	0.21895
9mo_SIGAE3_	0.0256644	0.15016958	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.0228078	0.13254151	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.02160288	0.12510599	4.24E-05	0.0052258	-0.059109
9mo_SIGAE3_	0.03364501	0.19941796	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.02212262	0.12831327	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.0823429	0.49993265	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.01852112	0.10608845	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01161259	0.06345589	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.09116294	0.55436105	4.93E-05	0.0079874	-0.56091
9mo_SIGAE3_	0.06622363	0.40046063	6.12E-05	0.0093985	0.17407
9mo_SIGAE3_	0.02031132	0.11713574	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08910061	0.54163444	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.00859445	0.04483091	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01900368	0.10906632	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02630171	0.15410247	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.07359282	0.4459359	5.43E-05	0.012883	0.24502

9mo_SIGAE3_	0.04214327	0.25186074	5.09E-05	0.0046676	-0.04643
9mo_SIGAE3_	0.05227504	0.31438386	5.97E-05	0.0054628	0.014768
9mo_SIGAE3_	0.02307614	0.13419744	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.03220708	0.19054447	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.01585909	0.08966103	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.08884335	0.54004693	4.82E-05	0.0098057	-0.3844
9mo_SIGAE3_	0.01276729	0.07058156	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.02570314	0.15040866	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.0070724	0.03543836	3.50E-05	0.0074854	0.45576
9mo_SIGAE3_	0.02445075	0.14268015	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.01492822	0.08391661	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02272344	0.13202097	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.03663307	0.21785727	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.02352682	0.13697861	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.04401331	0.26340073	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.09164481	0.5573347	4.96E-05	0.0076529	-0.60562
9mo_SIGAE3_	0.0825121	0.50097674	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.01836162	0.10510413	4.09E-05	0.0055879	0.015459
9mo_SIGAE3_	0.01052365	0.05673603	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.02734768	0.16055715	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.07697231	0.46679077	5.09E-05	0.014141	0.22047
9mo_SIGAE3_	0.01800039	0.10287497	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.02351494	0.13690531	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.06262646	0.3782625	6.35E-05	0.0078047	0.11565
9mo_SIGAE3_	0.02454149	0.14324011	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.06390691	0.38616413	6.30E-05	0.008216	0.14015
9mo_SIGAE3_	0.02409073	0.14045848	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.08730499	0.53055364	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.06367733	0.3847474	6.30E-05	0.008216	0.13178
9mo_SIGAE3_	0.04922668	0.29557243	5.68E-05	0.0051026	-0.0022352
9mo_SIGAE3_	0.02690416	0.1578202	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.05108379	0.30703267	5.87E-05	0.0053288	0.0077602
9mo_SIGAE3_	0.00599597	0.02879571	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.00449704	0.01954584	3.35E-05	0.0081345	0.58516
9mo_SIGAE3_	0.01639251	0.0929528	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02860492	0.16831554	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.02134833	0.12353511	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.04924314	0.295674	5.68E-05	0.0051026	-0.0022352
9mo_SIGAE3_	0.02287225	0.13293923	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.08343907	0.5066971	4.77E-05	0.013036	-0.0045591
9mo_SIGAE3_	0.04940105	0.29664844	5.73E-05	0.0051543	-0.0022352
9mo_SIGAE3_	0.04135124	0.24697313	5.05E-05	0.0046492	-0.054504
9mo_SIGAE3_	0.08816915	0.5358864	4.80E-05	0.010188	-0.3415

9mo_SIGAE3_	0.10044836	0.61166143	5.58E-05	0.0041426	-1.2296
9mo_SIGAE3_	0.08599369	0.52246165	4.76E-05	0.0117	-0.17867
9mo_SIGAE3_	0.08645653	0.52531785	4.77E-05	0.01133	-0.21781
9mo_SIGAE3_	0.03805511	0.22663267	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.08631664	0.5244546	4.77E-05	0.01133	-0.17867
9mo_SIGAE3_	0.02112525	0.12215854	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.05763331	0.34744975	6.32E-05	0.0064035	0.057806
9mo_SIGAE3_	0.01572906	0.08885864	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.01870614	0.1072302	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02238544	0.12993515	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01481768	0.08323447	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08183277	0.49678466	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.01433818	0.08027549	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.07685611	0.46607366	5.13E-05	0.014025	0.22047
9mo_SIGAE3_	0.08962611	0.54487735	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.0955325	0.58132565	5.20E-05	0.0056833	-0.91061
9mo_SIGAE3_	0.01866563	0.10698017	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.08759305	0.5323313	4.79E-05	0.010571	-0.29935
9mo_SIGAE3_	0.06308002	0.3810614	6.33E-05	0.0080056	0.12359
9mo_SIGAE3_	0.00997113	0.05332645	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.01350321	0.07512292	3.83E-05	0.0063061	0.17645
9mo_SIGAE3_	0.02334314	0.1358451	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01999322	0.11517274	4.16E-05	0.0053955	-0.025531
9mo_SIGAE3_	0.08562489	0.52018577	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.09680144	0.58915627	5.28E-05	0.0052469	-1.03
9mo_SIGAE3_	0.08438935	0.51256126	4.76E-05	0.012731	-0.069378
9mo_SIGAE3_	0.09801129	0.5966222	5.36E-05	0.0048658	-1.1032
9mo_SIGAE3_	0.02845964	0.16741902	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.01778101	0.10152121	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.04479007	0.2681941	5.30E-05	0.0047888	-0.031751
9mo_SIGAE3_	0.01851735	0.10606513	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01150002	0.06276118	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.04207956	0.25146756	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.02320214	0.13497502	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.09207048	0.55996156	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.09234776	0.5616726	4.99E-05	0.0073308	-0.69483
9mo_SIGAE3_	0.01553391	0.08765433	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.07400566	0.44848353	5.38E-05	0.013116	0.24406
9mo_SIGAE3_	0.01981599	0.1140791	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.01993888	0.11483743	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02139648	0.12383224	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01770406	0.10104634	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02676025	0.15693213	4.44E-05	0.004813	-0.11546

9mo_SIGAE3_	0.07759364	0.47062495	5.05E-05	0.014229	0.21153
9mo_SIGAE3_	0.08155843	0.49509168	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.0244426	0.14262988	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.08096814	0.49144903	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.07510888	0.4552915	5.28E-05	0.013537	0.23858
9mo_SIGAE3_	0.08929617	0.54284126	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.01493745	0.08397359	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01915607	0.11000673	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01207032	0.06628055	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.0690807	0.4180916	5.87E-05	0.010741	0.21248
9mo_SIGAE3_	0.1036477	0.6314046	5.82E-05	0.0036742	-1.3542
9mo_SIGAE3_	0.01158992	0.06331596	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01510294	0.08499485	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01766566	0.1008094	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.0084023	0.04364517	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01185403	0.06494579	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.09618656	0.5853619	5.24E-05	0.0054581	-0.99133
9mo_SIGAE3_	0.0103008	0.05536082	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01649286	0.09357203	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02192974	0.12712303	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02682921	0.15735766	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.07814989	0.47405756	5.01E-05	0.014289	0.20103
9mo_SIGAE3_	0.02170984	0.12576604	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01474848	0.08280744	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01811011	0.10355207	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.02714052	0.15927877	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.0258495	0.15131184	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.09230822	0.56142867	4.99E-05	0.0073308	-0.6503
9mo_SIGAE3_	0.02559974	0.14977057	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.02261721	0.1313654	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.0178513	0.10195497	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.01896603	0.10883393	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02540747	0.14858411	4.38E-05	0.0049138	-0.10813
9mo_SIGAE3_	0.01745215	0.0994918	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.04055894	0.2420838	4.99E-05	0.0046177	-0.058715
9mo_SIGAE3_	0.09214573	0.5604259	4.99E-05	0.0073308	-0.6503
9mo_SIGAE3_	0.08817644	0.5359314	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.02240334	0.13004561	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01611277	0.0912265	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.06770206	0.40958405	6.03E-05	0.009922	0.19812
9mo_SIGAE3_	0.01240054	0.06831832	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.0440634	0.26370987	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.0511282	0.3073067	5.87E-05	0.0053288	0.0077602

9mo_SIGAE3_	0.03726095	0.22173195	4.81E-05	0.0045652	-0.084703
9mo_SIGAE3_	0.02611234	0.15293384	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.03977236	0.23722984	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.01763604	0.10062661	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02234591	0.1296912	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.09327047	0.56736666	5.06E-05	0.0067258	-0.73907
9mo_SIGAE3_	0.0892149	0.54233974	4.84E-05	0.0094274	-0.42792
9mo_SIGAE3_	0.03159637	0.18677583	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.03440954	0.20413588	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.03242169	0.19186886	4.62E-05	0.0046026	-0.11603
9mo_SIGAE3_	0.07527933	0.45634332	5.28E-05	0.013537	0.23858
9mo_SIGAE3_	0.02858045	0.16816458	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.01441255	0.0807344	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.07864727	0.47712693	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.02864681	0.16857408	4.49E-05	0.0047302	-0.12268
9mo_SIGAE3_	0.02340231	0.13621023	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01504755	0.08465304	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.026211	0.15354268	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.02001265	0.11529266	4.16E-05	0.0053955	-0.025531
9mo_SIGAE3_	0.01368547	0.0762476	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.08476017	0.5148496	4.76E-05	0.012404	-0.069378
9mo_SIGAE3_	0.0117525	0.06431925	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.07994606	0.48514172	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.02976062	0.1754474	4.53E-05	0.0046846	-0.12301
9mo_SIGAE3_	0.09831876	0.5985197	5.40E-05	0.0046955	-1.1375
9mo_SIGAE3_	0.08096756	0.49144542	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.03037402	0.17923267	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.08755491	0.5320959	4.79E-05	0.010571	-0.29935
9mo_SIGAE3_	0.01943593	0.11173374	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.01964276	0.11301005	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.0222366	0.12901668	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.02271144	0.13194689	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.08263878	0.5017585	4.79E-05	0.013563	0.02505
9mo_SIGAE3_	0.01630068	0.09238606	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02800065	0.16458663	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.09487977	0.5772976	5.16E-05	0.0059226	-0.8688
9mo_SIGAE3_	0.029666	0.17486352	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.0349003	0.20716433	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.08291481	0.5034619	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.02885053	0.16983122	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.08110913	0.49231905	4.85E-05	0.0141	0.10139
9mo_SIGAE3_	0.02723183	0.15984221	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03980212	0.23741348	4.95E-05	0.0046046	-0.067351

9mo_SIGAE3_	0.01345141	0.07480326	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02031127	0.11713544	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08523069	0.5177532	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.01582042	0.08942238	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.01980367	0.11400304	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.01001104	0.05357269	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.02113075	0.12219248	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01070895	0.0578795	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01840238	0.10535567	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01348071	0.07498407	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02322311	0.13510439	4.30E-05	0.0050782	-0.084895
9mo_SIGAE3_	0.02653493	0.15554167	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.01046945	0.05640158	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.02355658	0.13716225	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.06483831	0.39191183	6.24E-05	0.0086643	0.15715
9mo_SIGAE3_	0.04397277	0.26315054	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.07169177	0.43420452	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.02639958	0.1547064	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.08048674	0.48847827	4.87E-05	0.014207	0.12269
9mo_SIGAE3_	0.09599975	0.584209	5.24E-05	0.0054581	-0.9515
9mo_SIGAE3_	0.02688586	0.15770727	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.08719759	0.52989095	4.78E-05	0.010952	-0.25808
9mo_SIGAE3_	0.02021989	0.11657152	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01764866	0.10070446	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.08149449	0.4946971	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.02133825	0.12347291	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.07655843	0.46423668	5.13E-05	0.014025	0.22792
9mo_SIGAE3_	0.00784793	0.04022414	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.01413274	0.07900775	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.08673546	0.5270391	4.78E-05	0.010952	-0.21781
9mo_SIGAE3_	0.01581675	0.08939973	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02547439	0.14899704	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.02976617	0.17548162	4.53E-05	0.0046846	-0.12301
9mo_SIGAE3_	0.00948399	0.05032026	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.0414036	0.24729623	5.05E-05	0.0046492	-0.054504
9mo_SIGAE3_	0.02126639	0.12302951	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02373412	0.13825788	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01973365	0.11357093	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.0269848	0.1583178	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.07337835	0.44461244	5.43E-05	0.012883	0.24489
9mo_SIGAE3_	0.00638163	0.03117562	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.01554925	0.087749	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.023592	0.13738082	4.32E-05	0.0050338	-0.084895

9mo_SIGAE3_	0.0771588	0.46794158	5.09E-05	0.014141	0.22047
9mo_SIGAE3_	0.0419762	0.2508297	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.08798992	0.5347804	4.80E-05	0.010188	-0.29935
9mo_SIGAE3_	0.01072018	0.05794881	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01778783	0.10156331	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.07861955	0.47695583	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.09438883	0.57426804	5.13E-05	0.0061762	-0.82618
9mo_SIGAE3_	0.04271154	0.2553675	5.13E-05	0.0046879	-0.042593
9mo_SIGAE3_	0.02736364	0.16065563	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.0289567	0.17048639	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.04147148	0.24771509	5.05E-05	0.0046492	-0.054504
9mo_SIGAE3_	0.04604177	0.27591836	5.39E-05	0.0048522	-0.021643
9mo_SIGAE3_	0.07092439	0.42946905	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.02056005	0.11867068	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.08772805	0.5331644	4.79E-05	0.010571	-0.29935
9mo_SIGAE3_	0.09432314	0.57386273	5.13E-05	0.0061762	-0.82618
9mo_SIGAE3_	0.06601342	0.39916342	6.16E-05	0.0091463	0.17407
9mo_SIGAE3_	0.01873703	0.10742079	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.09059383	0.55084914	4.91E-05	0.0083333	-0.51631
9mo_SIGAE3_	0.01827665	0.10457983	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.08534718	0.518472	4.76E-05	0.012059	-0.14081
9mo_SIGAE3_	0.01929524	0.11086554	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02535954	0.14828834	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.02043068	0.11787235	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.09157082	0.5568781	4.96E-05	0.0076529	-0.60562
9mo_SIGAE3_	0.02160266	0.12510462	4.24E-05	0.0052258	-0.059109
9mo_SIGAE3_	0.01736428	0.09894956	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.03853841	0.2296151	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.01212737	0.06663259	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.01746648	0.09958021	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01723404	0.09814582	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.10033719	0.6109754	5.58E-05	0.0041426	-1.2296
9mo_SIGAE3_	0.03254202	0.19261144	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.02332417	0.13572803	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.05489744	0.33056667	6.17E-05	0.0058704	0.034245
9mo_SIGAE3_	0.01748937	0.0997215	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.09390025	0.571253	5.09E-05	0.0064439	-0.7829
9mo_SIGAE3_	0.02233159	0.12960282	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01676297	0.09523889	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.08177586	0.49643344	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.01884667	0.10809737	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02269496	0.13184522	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.01154073	0.06301246	3.74E-05	0.0065941	0.263

9mo_SIGAE3_	0.02574	0.15063614	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.00721893	0.03634263	3.50E-05	0.0074854	0.45576
9mo_SIGAE3_	0.018222	0.10424258	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.01174185	0.06425356	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.09248123	0.56249624	4.99E-05	0.0073308	-0.69483
9mo_SIGAE3_	0.00665903	0.03288748	3.47E-05	0.0076096	0.48124
9mo_SIGAE3_	0.02366369	0.13782324	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02132478	0.12338981	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.09731926	0.59235173	5.32E-05	0.0050496	-1.0673
9mo_SIGAE3_	0.01465886	0.08225443	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.08959028	0.5446562	4.86E-05	0.0090548	-0.42792
9mo_SIGAE3_	0.02077504	0.1199974	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01753259	0.0999882	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.07098112	0.42981908	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.08596436	0.52228063	4.76E-05	0.0117	-0.17867
9mo_SIGAE3_	0.02945005	0.17353089	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01855764	0.10631381	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02883726	0.16974935	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.01016949	0.0545505	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.08629467	0.524319	4.77E-05	0.01133	-0.17867
9mo_SIGAE3_	0.01557076	0.08788174	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.04417107	0.26437426	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.01093502	0.05927456	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.0277604	0.16310406	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.08750727	0.53180194	4.79E-05	0.010571	-0.29935
9mo_SIGAE3_	0.02140384	0.12387767	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.04074521	0.2432333	5.02E-05	0.0046325	-0.058715
9mo_SIGAE3_	0.02428349	0.141648	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.0147551	0.08284828	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.0755949	0.45829073	5.23E-05	0.013721	0.23858
9mo_SIGAE3_	0.06100318	0.3682452	6.38E-05	0.0072613	0.09374
9mo_SIGAE3_	0.07135256	0.43211123	5.65E-05	0.011849	0.2386
9mo_SIGAE3_	0.01491176	0.08381508	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02321608	0.13506106	4.30E-05	0.0050782	-0.084895
9mo_SIGAE3_	0.06932304	0.4195871	5.87E-05	0.010741	0.21895
9mo_SIGAE3_	0.01759402	0.10036727	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.00792034	0.04067098	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.07089917	0.42931342	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.03211179	0.18995649	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.02113103	0.12219416	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01565927	0.08842792	3.95E-05	0.0059603	0.098494
9mo_SIGAE3_	0.09032112	0.54916626	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.02507188	0.1465132	4.38E-05	0.0049138	-0.10343

9mo_SIGAE3_	0.04429565	0.26514307	5.25E-05	0.0047605	-0.031751
9mo_SIGAE3_	0.02021394	0.11653481	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.05240375	0.31517813	5.97E-05	0.0054628	0.018414
9mo_SIGAE3_	0.08572109	0.52077943	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.05436804	0.32729977	6.14E-05	0.0057798	0.030074
9mo_SIGAE3_	0.05666521	0.3414756	6.27E-05	0.0061731	0.047788
9mo_SIGAE3_	0.02462188	0.14373624	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.08247061	0.50072074	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.02679119	0.15712304	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.07678166	0.46561423	5.13E-05	0.014025	0.22047
9mo_SIGAE3_	0.03864593	0.23027861	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.00329639	0.01213662	3.29E-05	0.0084138	0.63801
9mo_SIGAE3_	0.01338927	0.07441975	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01990179	0.11460855	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.05349481	0.32191107	6.05E-05	0.0056127	0.026054
9mo_SIGAE3_	0.04932262	0.29616448	5.73E-05	0.0051543	-0.0022352
9mo_SIGAE3_	0.0923329	0.5615809	4.99E-05	0.0073308	-0.6503
9mo_SIGAE3_	0.05984518	0.36109918	6.37E-05	0.0069445	0.080679
9mo_SIGAE3_	0.01061347	0.0572903	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01276694	0.07057937	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.02318104	0.13484478	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.02885336	0.16984867	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.06153885	0.37155086	6.37E-05	0.0074328	0.10072
9mo_SIGAE3_	0.01319	0.07319008	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01407806	0.07867028	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.00480621	0.02145371	3.35E-05	0.0081345	0.58516
9mo_SIGAE3_	0.09035783	0.54939276	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.0171626	0.09770502	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.07395171	0.4481506	5.38E-05	0.013116	0.24502
9mo_SIGAE3_	0.00832326	0.0431574	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.02186052	0.12669587	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.0184679	0.10575998	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01537264	0.08665913	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.08901307	0.54109424	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.02035622	0.11741284	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08002272	0.4856148	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.08908902	0.5415629	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.07890747	0.4787326	4.97E-05	0.014318	0.17506
9mo_SIGAE3_	0.02363436	0.13764225	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01037428	0.05581429	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.0217646	0.12610392	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01553017	0.08763124	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.00989396	0.05285019	3.65E-05	0.0069072	0.33263

9mo_SIGAE3_	0.01497599	0.0842114	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.06681273	0.40409598	6.07E-05	0.0096573	0.18233
9mo_SIGAE3_	0.02201835	0.12766987	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03544496	0.21052542	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.02302799	0.13390034	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.02637984	0.15458462	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.07056487	0.42725044	5.71E-05	0.011574	0.23016
9mo_SIGAE3_	0.04300427	0.25717393	5.17E-05	0.0047101	-0.042593
9mo_SIGAE3_	0.0177051	0.10105278	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.06069783	0.3663609	6.38E-05	0.0072613	0.09374
9mo_SIGAE3_	0.10053732	0.6122104	5.58E-05	0.0041426	-1.2563
9mo_SIGAE3_	0.03657562	0.21750273	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.02221721	0.12889698	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01950402	0.11215389	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02722645	0.15980904	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.01062856	0.05738343	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01657402	0.09407285	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.03152812	0.1863546	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.01205138	0.06616364	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.00888362	0.04661541	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.01500175	0.08437036	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02072509	0.11968914	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02760476	0.16214359	4.46E-05	0.0047834	-0.12024
9mo_SIGAE3_	0.01987534	0.11444531	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03114812	0.18400964	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.09404612	0.57215315	5.09E-05	0.0064439	-0.82618
9mo_SIGAE3_	0.03711501	0.22083133	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.0755816	0.45820865	5.23E-05	0.013721	0.23858
9mo_SIGAE3_	0.01744018	0.09941793	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02219078	0.12873387	4.26E-05	0.0051742	-0.068556
9mo_SIGAE3_	0.02690331	0.15781492	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.01107782	0.06015579	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01269698	0.07014768	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.0115734	0.06321403	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01440995	0.08071839	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.00978166	0.05215723	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.01471457	0.08259818	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02147586	0.12432215	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01789653	0.1022341	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.02933393	0.17281426	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01476198	0.08289076	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.03735264	0.22229774	4.81E-05	0.0045652	-0.084703
9mo_SIGAE3_	0.0349785	0.2076469	4.72E-05	0.0045646	-0.10426

9mo_SIGAE3_	0.01681088	0.09553453	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.01848897	0.10589004	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02346474	0.13659552	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.09477763	0.57666737	5.13E-05	0.0061762	-0.8688
9mo_SIGAE3_	0.01894984	0.10873406	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02717823	0.15951149	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.06738549	0.40763044	6.03E-05	0.009922	0.19037
9mo_SIGAE3_	0.01938243	0.11140359	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.03996746	0.23843381	4.95E-05	0.0046046	-0.063007
9mo_SIGAE3_	0.08000783	0.48552293	4.90E-05	0.014278	0.14202
9mo_SIGAE3_	0.01556528	0.08784792	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.02028252	0.116958	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.00776092	0.03968725	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.00959873	0.05102836	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.02061269	0.11899547	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.06721678	0.4065894	6.03E-05	0.009922	0.19037
9mo_SIGAE3_	0.02747821	0.1613626	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03463576	0.2055319	4.70E-05	0.0045688	-0.10426
9mo_SIGAE3_	0.02952752	0.17400897	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.00982648	0.05243379	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.04420017	0.26455384	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.03715756	0.2210939	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.01714856	0.09761833	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.00893991	0.04696275	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.02518258	0.1471963	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.00707609	0.03546115	3.50E-05	0.0074854	0.45576
9mo_SIGAE3_	0.03061293	0.180707	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.01438324	0.08055355	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.06232911	0.37642756	6.35E-05	0.0078047	0.11565
9mo_SIGAE3_	0.0785026	0.47623417	5.01E-05	0.014289	0.18889
9mo_SIGAE3_	0.01410799	0.07885499	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.02271354	0.13195989	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.07076491	0.4284849	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.07828982	0.4749211	5.01E-05	0.014289	0.20103
9mo_SIGAE3_	0.02193801	0.12717405	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01057773	0.05706978	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01362656	0.07588406	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01858215	0.10646503	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01702682	0.09686708	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.05123479	0.3079645	5.87E-05	0.0053288	0.0077602
9mo_SIGAE3_	0.02072182	0.11966894	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01489156	0.08369037	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01282518	0.0709388	3.80E-05	0.0063994	0.21875

9mo_SIGAE3_	0.01574398	0.08895066	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02677983	0.15705293	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.02029967	0.11706384	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01733028	0.09873977	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02416934	0.14094359	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02144709	0.12414461	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01044527	0.05625232	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.05957265	0.3594174	6.37E-05	0.0067983	0.080679
9mo_SIGAE3_	0.0323979	0.19172205	4.62E-05	0.0046026	-0.11603
9mo_SIGAE3_	0.01593583	0.09013456	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.01278866	0.07071343	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01360903	0.07577594	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.02356162	0.13719335	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01298053	0.07189742	3.80E-05	0.0063994	0.19734
9mo_SIGAE3_	0.02012891	0.11601012	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.03611198	0.21464163	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.03292736	0.19498932	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.08257335	0.50135475	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.01742713	0.09933739	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.00983147	0.05246461	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.04623091	0.27708557	5.44E-05	0.0048874	-0.021643
9mo_SIGAE3_	0.03395366	0.20132263	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.02854948	0.16797344	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.08596901	0.52230936	4.76E-05	0.0117	-0.17867
9mo_SIGAE3_	0.05401434	0.32511708	6.10E-05	0.005694	0.030074
9mo_SIGAE3_	0.09651383	0.5873814	5.28E-05	0.0052469	-0.99133
9mo_SIGAE3_	0.06010165	0.36268187	6.37E-05	0.0069445	0.087064
9mo_SIGAE3_	0.01628527	0.09229096	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01724519	0.09821466	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.01253087	0.06912261	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01148235	0.06265219	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.04321379	0.2584669	5.17E-05	0.0047101	-0.038876
9mo_SIGAE3_	0.02028229	0.11695659	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.04692826	0.2813889	5.49E-05	0.0049251	-0.018376
9mo_SIGAE3_	0.03575611	0.21244554	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.0102719	0.05518248	3.65E-05	0.0069072	0.30902
9mo_SIGAE3_	0.01785303	0.10196566	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.03583994	0.21296285	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.01123637	0.06113425	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.02165435	0.12542358	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02824744	0.16610958	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.00782496	0.04008243	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.08711787	0.5293989	4.78E-05	0.010952	-0.25808

9mo_SIGAE3_	0.02047529	0.11814761	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02407081	0.14033554	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.01534848	0.08651003	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.0886846	0.53906727	4.82E-05	0.0098057	-0.3844
9mo_SIGAE3_	0.01500042	0.08436217	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.0162473	0.09205665	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01667488	0.09469526	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02947586	0.17369014	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.1030679	0.6278266	5.78E-05	0.003724	-1.3397
9mo_SIGAE3_	0.00803368	0.04137043	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.04067264	0.24278545	5.02E-05	0.0046325	-0.058715
9mo_SIGAE3_	0.07400087	0.448454	5.38E-05	0.013116	0.24406
9mo_SIGAE3_	0.02217247	0.12862092	4.26E-05	0.0051742	-0.068556
9mo_SIGAE3_	0.02572662	0.15055357	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.08805679	0.535193	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.01191577	0.0653268	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02020888	0.1165036	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02179638	0.12630005	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02189707	0.12692145	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.02211491	0.1282657	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03365759	0.19949557	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.01253806	0.06916695	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01455151	0.08159194	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.09327546	0.5673974	5.06E-05	0.0067258	-0.73907
9mo_SIGAE3_	0.01707414	0.0971591	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.03991646	0.2381191	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.0400249	0.23878828	4.95E-05	0.0046046	-0.063007
9mo_SIGAE3_	0.0253779	0.1484016	4.38E-05	0.0049138	-0.10813
9mo_SIGAE3_	0.08715412	0.5296227	4.78E-05	0.010952	-0.25808
9mo_SIGAE3_	0.01162806	0.06355137	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.08808116	0.5353434	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.08518162	0.5174504	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.02633182	0.15428825	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.01520269	0.08561039	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.01418494	0.07932987	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.01835946	0.1050908	4.09E-05	0.0055879	0.015459
9mo_SIGAE3_	0.08796023	0.53459716	4.80E-05	0.010188	-0.29935
9mo_SIGAE3_	0.01110156	0.06030233	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.0214267	0.12401874	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.03970614	0.23682119	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.01846304	0.10573001	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.03954071	0.23580033	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.00984169	0.05252767	3.65E-05	0.0069072	0.33263

9mo_SIGAE3_	0.02860133	0.16829342	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.0241609	0.14089154	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02347599	0.13666494	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02547917	0.14902654	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.01287187	0.07122693	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01403058	0.07837731	3.86E-05	0.0062156	0.1561
9mo_SIGAE3_	0.02402121	0.1400295	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02273208	0.13207428	4.28E-05	0.005125	-0.077142
9mo_SIGAE3_	0.018473	0.10579147	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01776872	0.10144534	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01103398	0.0598853	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01375892	0.07670085	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.07628789	0.46256718	5.18E-05	0.013885	0.22792
9mo_SIGAE3_	0.02071615	0.11963397	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01316325	0.07302503	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01355943	0.07546983	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01087989	0.05893439	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.0197327	0.11356509	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02016565	0.11623681	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08295754	0.5037255	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.0145775	0.08175235	3.89E-05	0.0061278	0.1363
9mo_SIGAE3_	0.02327209	0.13540664	4.30E-05	0.0050782	-0.084895
9mo_SIGAE3_	0.02943224	0.17342094	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.03601624	0.21405081	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.03550698	0.21090819	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.04425988	0.26492232	5.25E-05	0.0047605	-0.035266
9mo_SIGAE3_	0.03461201	0.20538531	4.70E-05	0.0045688	-0.10426
9mo_SIGAE3_	0.02663957	0.1561874	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.01962484	0.11289948	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03640428	0.2164454	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.04255041	0.25437316	5.13E-05	0.0046879	-0.04643
9mo_SIGAE3_	0.01125319	0.06123801	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01770744	0.10106722	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01152594	0.06292114	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02991608	0.17640676	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.03183624	0.18825603	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.1012108	0.61636645	5.62E-05	0.0040352	-1.2808
9mo_SIGAE3_	0.02595454	0.15196009	4.40E-05	0.0048781	-0.11213
9mo_SIGAE3_	0.04451525	0.26649824	5.30E-05	0.0047888	-0.031751
9mo_SIGAE3_	0.00821311	0.04247771	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.03105687	0.18344654	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.03079696	0.18184264	4.57E-05	0.0046464	-0.12145
9mo_SIGAE3_	0.01304571	0.07229967	3.83E-05	0.0063061	0.19734

9mo_SIGAE3_	0.09044561	0.54993445	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.01804688	0.10316187	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.03288954	0.19475597	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.00963016	0.05122232	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.01752681	0.09995256	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.00684056	0.0340077	3.47E-05	0.0076096	0.48124
9mo_SIGAE3_	0.03087742	0.18233916	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.04367977	0.2613425	5.21E-05	0.0047343	-0.038876
9mo_SIGAE3_	0.02550792	0.14920397	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.08297377	0.5038257	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.09463809	0.57580626	5.13E-05	0.0061762	-0.8688
9mo_SIGAE3_	0.01049263	0.05654463	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01470647	0.08254824	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01911796	0.10977155	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.02560494	0.14980265	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.06057436	0.36559898	6.38E-05	0.0070986	0.09374
9mo_SIGAE3_	0.04176205	0.24950819	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.01657467	0.09407687	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01210947	0.06652214	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.0177475	0.10131439	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.09264526	0.5635085	4.99E-05	0.0073308	-0.69483
9mo_SIGAE3_	0.01637431	0.09284048	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.07691933	0.4664638	5.13E-05	0.014025	0.22047
9mo_SIGAE3_	0.01395698	0.07792312	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01406226	0.07857281	3.86E-05	0.0062156	0.1561
9mo_SIGAE3_	0.01869573	0.10716595	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01435059	0.08035211	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.0291926	0.17194211	4.51E-05	0.0047064	-0.1231
9mo_SIGAE3_	0.03577085	0.21253653	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.09512419	0.5788059	5.16E-05	0.0059226	-0.91061
9mo_SIGAE3_	0.01684708	0.09575792	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.0175429	0.10005184	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.09618902	0.585377	5.24E-05	0.0054581	-0.99133
9mo_SIGAE3_	0.01464337	0.08215883	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02158899	0.12502025	4.24E-05	0.0052258	-0.059109
9mo_SIGAE3_	0.01380628	0.07699315	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.00960726	0.05108098	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.06493802	0.39252716	6.24E-05	0.0086643	0.15715
9mo_SIGAE3_	0.08151859	0.49484584	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.02178093	0.12620471	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03427842	0.2033267	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.01624513	0.0920433	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02773882	0.16297084	4.48E-05	0.0047558	-0.12024

9mo_SIGAE3_	0.01190014	0.06523038	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02315885	0.13470787	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.01636263	0.0927684	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.06898253	0.41748583	5.87E-05	0.010741	0.21248
9mo_SIGAE3_	0.08220024	0.49905232	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.06378909	0.3854371	6.30E-05	0.008216	0.14015
9mo_SIGAE3_	0.01778668	0.1015562	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02096147	0.12114781	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.03004419	0.17719732	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.00460779	0.02022924	3.35E-05	0.0081345	0.58516
9mo_SIGAE3_	0.01262407	0.06969772	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.04135489	0.24699563	5.05E-05	0.0046492	-0.054504
9mo_SIGAE3_	0.01245996	0.06868497	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01018173	0.05462605	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.03579816	0.21270502	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.05100368	0.3065383	5.87E-05	0.0053288	0.0077602
9mo_SIGAE3_	0.01618697	0.0916844	3.98E-05	0.0058806	0.080526
9mo_SIGAE3_	0.05353849	0.3221806	6.05E-05	0.0056127	0.026054
9mo_SIGAE3_	0.01474457	0.08278333	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.05968851	0.36013243	6.37E-05	0.0069445	0.080679
9mo_SIGAE3_	0.01581787	0.08940666	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.0359378	0.21356675	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.02372641	0.13821027	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.0115488	0.06306224	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01223195	0.06727796	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.07949905	0.48238325	4.93E-05	0.014315	0.15946
9mo_SIGAE3_	0.01568759	0.0886027	3.95E-05	0.0059603	0.098494
9mo_SIGAE3_	0.03064593	0.18091066	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.0727712	0.4408657	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.09404194	0.5721274	5.09E-05	0.0064439	-0.82618
9mo_SIGAE3_	0.02813827	0.16543585	4.48E-05	0.0047558	-0.12174
9mo_SIGAE3_	0.02525224	0.14762615	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.08320256	0.5052376	4.78E-05	0.013315	-0.0045591
9mo_SIGAE3_	0.01765294	0.1007309	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.10139057	0.6174758	5.66E-05	0.0039398	-1.2808
9mo_SIGAE3_	0.09389058	0.57119334	5.09E-05	0.0064439	-0.7829
9mo_SIGAE3_	0.03073734	0.18147473	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.03747616	0.22305998	4.84E-05	0.0045696	-0.084703
9mo_SIGAE3_	0.01515077	0.08528998	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.0331146	0.19614479	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.01106801	0.0600953	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.04308491	0.2576716	5.17E-05	0.0047101	-0.042593
9mo_SIGAE3_	0.02080243	0.1201664	4.21E-05	0.0052798	-0.037579

9mo_SIGAE3_	0.02360464	0.13745886	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01864373	0.10684503	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02204015	0.12780434	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03042306	0.17953533	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.00737423	0.03730094	3.50E-05	0.0074854	0.45576
9mo_SIGAE3_	0.0243842	0.14226949	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.08565836	0.52039236	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.02833892	0.16667408	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.03385737	0.20072843	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.08515322	0.51727515	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.00767595	0.03916289	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.01546809	0.08724818	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.01727898	0.09842318	4.03E-05	0.005729	0.046584
9mo_SIGAE3_	0.01267604	0.07001845	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.08802872	0.5350198	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.09001971	0.54730624	4.88E-05	0.0086895	-0.47194
9mo_SIGAE3_	0.07126802	0.43158957	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.04779132	0.28671485	5.58E-05	0.0050083	-0.01192
9mo_SIGAE3_	0.01651861	0.09373092	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.0103367	0.05558238	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.0161056	0.09118227	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02735858	0.16062441	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.02724898	0.15994808	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03116406	0.18410803	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.0235233	0.1369569	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.03786352	0.2254504	4.84E-05	0.0045696	-0.080425
9mo_SIGAE3_	0.0077002	0.03931251	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.01114458	0.06056779	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.03687098	0.21932538	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.0074894	0.03801164	3.50E-05	0.0074854	0.45576
9mo_SIGAE3_	0.0096823	0.05154406	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.06759461	0.40892094	6.03E-05	0.009922	0.19812
9mo_SIGAE3_	0.01418528	0.07933194	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.0743803	0.45079544	5.33E-05	0.013335	0.24406
9mo_SIGAE3_	0.08575887	0.5210126	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.04078063	0.24345186	5.02E-05	0.0046325	-0.058715
9mo_SIGAE3_	0.02232278	0.12954845	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.04326931	0.2588095	5.17E-05	0.0047101	-0.038876
9mo_SIGAE3_	0.08181078	0.49664894	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.01310466	0.07266347	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01980669	0.11402166	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02708653	0.15894558	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.02597434	0.15208223	4.40E-05	0.0048781	-0.11213

9mo_SIGAE3_	0.01777941	0.10151135	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02889628	0.17011353	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.01172235	0.0641332	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.03422989	0.20302726	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.01784478	0.10191475	4.06E-05	0.0056572	0.030658
9mo_SIGAE3_	0.00716658	0.03601955	3.50E-05	0.0074854	0.45576
9mo_SIGAE3_	0.01913646	0.10988569	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.05265076	0.31670246	6.01E-05	0.0055357	0.018414
9mo_SIGAE3_	0.01729426	0.09851746	4.03E-05	0.005729	0.046584
9mo_SIGAE3_	0.02746866	0.16130371	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.07112689	0.43071866	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.00834406	0.04328578	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.07879212	0.4780208	4.97E-05	0.014318	0.18889
9mo_SIGAE3_	0.01333661	0.07409481	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.08516077	0.5173217	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.01161461	0.06346836	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.03659663	0.2176324	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.03323255	0.19687267	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.01203537	0.06606484	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.05212314	0.31344652	5.97E-05	0.0054628	0.014768
9mo_SIGAE3_	0.06213794	0.3752478	6.36E-05	0.0076138	0.11565
9mo_SIGAE3_	0.08379818	0.50891316	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.01689624	0.09606127	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.01492408	0.08389108	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.02006085	0.11559008	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.00638149	0.03117473	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.02609744	0.15284191	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.07475618	0.453115	5.33E-05	0.013335	0.24193
9mo_SIGAE3_	0.07564633	0.45860815	5.23E-05	0.013721	0.23393
9mo_SIGAE3_	0.07756576	0.47045293	5.05E-05	0.014229	0.21153
9mo_SIGAE3_	0.09830432	0.5984305	5.40E-05	0.0046955	-1.1375
9mo_SIGAE3_	0.0238186	0.13877921	4.32E-05	0.0050338	-0.091842
9mo_SIGAE3_	0.09086097	0.5524976	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.05974457	0.36047834	6.37E-05	0.0069445	0.080679
9mo_SIGAE3_	0.01372389	0.0764847	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.0121969	0.06706163	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02781933	0.16346772	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.02611161	0.15292938	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.01956543	0.11253284	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02087151	0.12059271	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.0248144	0.14492425	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.02252349	0.13078706	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.07785194	0.47221893	5.05E-05	0.014229	0.20103

9mo_SIGAE3_	0.02223494	0.12900643	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.02121801	0.12273091	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.03845703	0.22911292	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.08136494	0.49389765	4.83E-05	0.013957	0.10139
9mo_SIGAE3_	0.02046287	0.11807098	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01645049	0.09331054	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02559848	0.14976282	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.03406683	0.202021	4.68E-05	0.0045746	-0.10761
9mo_SIGAE3_	0.08219011	0.4989898	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.01165884	0.06374131	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.0434298	0.2597999	5.21E-05	0.0047343	-0.038876
9mo_SIGAE3_	0.07923652	0.4807632	4.93E-05	0.014315	0.17506
9mo_SIGAE3_	0.02585994	0.15137629	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.0826754	0.5019845	4.79E-05	0.013563	0.02505
9mo_SIGAE3_	0.08528126	0.5180653	4.76E-05	0.012059	-0.10433
9mo_SIGAE3_	0.09285108	0.5647786	5.02E-05	0.0070215	-0.69483
9mo_SIGAE3_	0.02114149	0.12225872	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01145505	0.06248371	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01922181	0.1104124	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.08335502	0.50617844	4.78E-05	0.013315	-0.0045591
9mo_SIGAE3_	0.01387217	0.07739976	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.08365641	0.5080383	4.77E-05	0.013036	-0.0045591
9mo_SIGAE3_	0.00452926	0.01974463	3.35E-05	0.0081345	0.58516
9mo_SIGAE3_	0.04093714	0.24441767	5.02E-05	0.0046325	-0.058715
9mo_SIGAE3_	0.01653117	0.09380841	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02838445	0.16695502	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.08177107	0.49640387	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.08088292	0.49092314	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.02947979	0.17371435	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01945879	0.11187478	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.00851003	0.04430996	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.08242799	0.50045776	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.03415472	0.20256336	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.01069692	0.05780525	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01307716	0.07249372	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02053037	0.1184875	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.02053904	0.11854101	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.0793232	0.48129806	4.93E-05	0.014315	0.17506
9mo_SIGAE3_	0.09198905	0.55945903	4.96E-05	0.0076529	-0.6503
9mo_SIGAE3_	0.02084903	0.12045394	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02136849	0.12365954	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.06928287	0.41933918	5.87E-05	0.010741	0.21895
9mo_SIGAE3_	0.08778987	0.5335459	4.80E-05	0.010188	-0.29935

9mo_SIGAE3_	0.01676505	0.09525172	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.02756921	0.16192421	4.46E-05	0.0047834	-0.12024
9mo_SIGAE3_	0.08424161	0.5116496	4.76E-05	0.012731	-0.036078
9mo_SIGAE3_	0.01110668	0.06033389	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01507412	0.08481696	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.00280762	0.0091204	3.26E-05	0.0085576	0.66457
9mo_SIGAE3_	0.02521835	0.14741701	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.01452987	0.08145843	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.08220192	0.49906266	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.02731411	0.16034995	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.01307817	0.07249995	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01526999	0.0860257	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.03206843	0.18968888	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.06340049	0.38303906	6.30E-05	0.008216	0.13178
9mo_SIGAE3_	0.07799354	0.47309273	5.05E-05	0.014229	0.20103
9mo_SIGAE3_	0.01113549	0.06051171	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.0245554	0.14332595	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.01674029	0.09509893	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.0183958	0.10531507	4.09E-05	0.0055879	0.015459
9mo_SIGAE3_	0.04678007	0.2804744	5.49E-05	0.0049251	-0.018376
9mo_SIGAE3_	0.01739791	0.09915706	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.02055367	0.11863129	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.03050718	0.18005438	4.57E-05	0.0046464	-0.12245
9mo_SIGAE3_	0.02739827	0.16086935	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.02759767	0.16209984	4.46E-05	0.0047834	-0.12024
9mo_SIGAE3_	0.02111095	0.12207027	4.21E-05	0.0052798	-0.04878
9mo_SIGAE3_	0.03238596	0.19164836	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.0242876	0.1416734	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.04835057	0.290166	5.63E-05	0.005054	-0.0087048
9mo_SIGAE3_	0.05308447	0.31937888	6.01E-05	0.0055357	0.022172
9mo_SIGAE3_	0.071068	0.43035528	5.65E-05	0.011849	0.23476
9mo_SIGAE3_	0.00968629	0.05156869	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.08342968	0.5066391	4.78E-05	0.013315	-0.0045591
9mo_SIGAE3_	0.0333959	0.19788069	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.02397112	0.13972038	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02472304	0.14436048	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.02908691	0.17128989	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.03029571	0.17874944	4.55E-05	0.0046645	-0.12245
9mo_SIGAE3_	0.01496623	0.08415121	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01394012	0.07781909	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01697092	0.09652215	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.01099963	0.05967327	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.03069592	0.18121913	4.57E-05	0.0046464	-0.12245

9mo_SIGAE3_	0.00830225	0.04302779	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01592126	0.09004466	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.01185163	0.06493098	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.03119004	0.18426836	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.00831639	0.04311502	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01826946	0.10453546	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.08156437	0.49512836	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.0797068	0.48366526	4.90E-05	0.014278	0.15946
9mo_SIGAE3_	0.01545859	0.08718951	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.01840637	0.1053803	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.0716252	0.43379375	5.60E-05	0.012118	0.2386
9mo_SIGAE3_	0.01940597	0.11154881	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01949734	0.11211269	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.01501491	0.0844516	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.04373476	0.26168177	5.21E-05	0.0047343	-0.035266
9mo_SIGAE3_	0.01414704	0.079096	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.00860517	0.0448971	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.03972959	0.23696591	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.02040471	0.11771204	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02050748	0.11834627	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.01049252	0.05654391	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.07690848	0.46639684	5.13E-05	0.014025	0.22047
9mo_SIGAE3_	0.01311086	0.07270169	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02351925	0.13693191	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.03985758	0.23775572	4.95E-05	0.0046046	-0.067351
9mo_SIGAE3_	0.02701358	0.15849541	4.44E-05	0.004813	-0.11816
9mo_SIGAE3_	0.02845986	0.16742039	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.03251341	0.19243488	4.64E-05	0.0045915	-0.11603
9mo_SIGAE3_	0.09286346	0.564855	5.02E-05	0.0070215	-0.69483
9mo_SIGAE3_	0.02114436	0.12227644	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.03180381	0.18805592	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.02618397	0.15337588	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.00601264	0.02889856	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.08074687	0.49008355	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.01940786	0.11156048	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01431544	0.08013517	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.05043544	0.3030317	5.83E-05	0.0052672	0.0043724
9mo_SIGAE3_	0.02232781	0.12957954	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.08255926	0.5012678	4.79E-05	0.013563	0.05262
9mo_SIGAE3_	0.03496693	0.20757554	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.0728337	0.4412514	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.04171382	0.24921058	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.02657368	0.15578079	4.44E-05	0.004813	-0.11546

9mo_SIGAE3_	0.02460772	0.14364885	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.0783643	0.4753807	5.01E-05	0.014289	0.18889
9mo_SIGAE3_	0.01500463	0.08438817	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.0236455	0.13771097	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02752372	0.1616435	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.01697743	0.0965623	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.0369748	0.21996608	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.01521904	0.08571129	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.02084096	0.12040417	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.06804076	0.41167414	5.98E-05	0.010192	0.20551
9mo_SIGAE3_	0.01648371	0.09351556	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02081813	0.12026327	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.07307407	0.44273466	5.49E-05	0.012637	0.24489
9mo_SIGAE3_	0.05900428	0.35591003	6.35E-05	0.0066597	0.074574
9mo_SIGAE3_	0.08309792	0.5045919	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.05614611	0.33827224	6.24E-05	0.0060668	0.043089
9mo_SIGAE3_	0.01320439	0.0732789	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02887176	0.16996223	4.51E-05	0.0047064	-0.12268
9mo_SIGAE3_	0.04821498	0.28932923	5.63E-05	0.005054	-0.0087048
9mo_SIGAE3_	0.03323577	0.19689256	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.01070391	0.05784843	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.01672732	0.09501887	4.00E-05	0.0058035	0.063215
9mo_SIGAE3_	0.01982035	0.11410596	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02119977	0.12261839	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.06835216	0.41359583	5.93E-05	0.010465	0.20551
9mo_SIGAE3_	0.02940997	0.1732835	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.05561059	0.33496758	6.21E-05	0.005966	0.038579
9mo_SIGAE3_	0.07839733	0.4755845	5.01E-05	0.014289	0.18889
9mo_SIGAE3_	0.07707909	0.46744967	5.09E-05	0.014141	0.22047
9mo_SIGAE3_	0.03830616	0.2281819	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.02738798	0.16080582	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.02185153	0.12664041	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.05735529	0.34573412	6.30E-05	0.0062853	0.057806
9mo_SIGAE3_	0.03742534	0.22274637	4.84E-05	0.0045696	-0.084703
9mo_SIGAE3_	0.01511535	0.08507142	3.92E-05	0.0060428	0.11709
9mo_SIGAE3_	0.01803155	0.1030673	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.04780528	0.28680095	5.58E-05	0.0050083	-0.01192
9mo_SIGAE3_	0.08301428	0.5040757	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.01327171	0.0736943	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01122525	0.0610656	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.02304465	0.13400316	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.01619507	0.09173435	3.98E-05	0.0058806	0.080526
9mo_SIGAE3_	0.01347899	0.07497342	3.83E-05	0.0063061	0.19734

9mo_SIGAE3_	0.03453226	0.20489316	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.09540435	0.5805348	5.20E-05	0.0056833	-0.91061
9mo_SIGAE3_	0.09342667	0.5683306	5.06E-05	0.0067258	-0.73907
9mo_SIGAE3_	0.01737841	0.09903672	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01563346	0.08826867	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.00822379	0.04254358	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01856668	0.10636955	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.03246871	0.19215901	4.62E-05	0.0046026	-0.11603
9mo_SIGAE3_	0.02010354	0.11585354	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02299736	0.13371134	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.03873145	0.2308064	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.04796575	0.28779128	5.58E-05	0.0050083	-0.01192
9mo_SIGAE3_	0.0207978	0.12013783	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.02085582	0.12049589	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.03455718	0.20504692	4.70E-05	0.0045688	-0.10426
9mo_SIGAE3_	0.03309273	0.19600981	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.03156447	0.18657897	4.60E-05	0.0046154	-0.12002
9mo_SIGAE3_	0.01414323	0.07907248	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.08182299	0.4967243	4.81E-05	0.013778	0.078055
9mo_SIGAE3_	0.07631698	0.46274668	5.18E-05	0.013885	0.22792
9mo_SIGAE3_	0.01072924	0.05800469	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.02654726	0.15561777	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.08156002	0.49510148	4.83E-05	0.013957	0.078055
9mo_SIGAE3_	0.01751031	0.09985073	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.04698681	0.2817502	5.49E-05	0.0049251	-0.01514
9mo_SIGAE3_	0.02224913	0.129094	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.02752727	0.16166537	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.01554304	0.08771069	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.01714074	0.09757008	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.01860203	0.1065877	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.09056077	0.5506451	4.91E-05	0.0083333	-0.51631
9mo_SIGAE3_	0.0220588	0.12791947	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01004964	0.05381088	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.03831482	0.22823538	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.02606215	0.1526241	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.01357948	0.07559357	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01120619	0.060948	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.02085766	0.12050724	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01379662	0.0769335	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.07278552	0.44095406	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.03227219	0.19094631	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.02115558	0.12234567	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.03586322	0.21310656	4.77E-05	0.0045615	-0.096915

9mo_SIGAE3_	0.03479853	0.20653632	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.02557313	0.1496064	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.01475259	0.08283279	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.03521285	0.20909308	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.0241088	0.14056998	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.00966895	0.05146167	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.00816447	0.0421775	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.01239339	0.06827422	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.0183591	0.10508858	4.09E-05	0.0055879	0.015459
9mo_SIGAE3_	0.0609207	0.36773625	6.38E-05	0.0072613	0.09374
9mo_SIGAE3_	0.03872667	0.23077685	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.02845878	0.16741374	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.02484385	0.145106	4.36E-05	0.0049516	-0.10343
9mo_SIGAE3_	0.08095583	0.49137303	4.85E-05	0.0141	0.12269
9mo_SIGAE3_	0.02400585	0.13993469	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.07948104	0.4822721	4.93E-05	0.014315	0.15946
9mo_SIGAE3_	0.02049994	0.11829971	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.00355529	0.01373426	3.29E-05	0.0084138	0.63801
9mo_SIGAE3_	0.00971914	0.05177141	3.62E-05	0.0070172	0.33263
9mo_SIGAE3_	0.03860619	0.23003337	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.06933589	0.41966635	5.87E-05	0.010741	0.21895
9mo_SIGAE3_	0.0649018	0.39230362	6.24E-05	0.0086643	0.15715
9mo_SIGAE3_	0.01644579	0.09328155	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.06936935	0.41987288	5.82E-05	0.011019	0.21895
9mo_SIGAE3_	0.02403885	0.14013834	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.02553023	0.14934164	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.08106528	0.49204847	4.85E-05	0.0141	0.10139
9mo_SIGAE3_	0.02247398	0.13048151	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.05635743	0.33957627	6.27E-05	0.0061731	0.047788
9mo_SIGAE3_	0.01671135	0.09492033	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.0143518	0.08035957	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.0213173	0.12334365	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.03352854	0.19869919	4.66E-05	0.0045822	-0.11071
9mo_SIGAE3_	0.09023115	0.54861104	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.01882448	0.10796046	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.08747846	0.53162414	4.79E-05	0.010571	-0.25808
9mo_SIGAE3_	0.01347323	0.07493791	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01968141	0.11324857	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02978433	0.17559372	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.06380464	0.38553306	6.30E-05	0.008216	0.14015
9mo_SIGAE3_	0.02573576	0.15060998	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.0329779	0.19530122	4.64E-05	0.0045915	-0.11352
9mo_SIGAE3_	0.01545255	0.0871523	3.95E-05	0.0059603	0.11709

9mo_SIGAE3_	0.01739622	0.09914666	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.073047	0.44256765	5.49E-05	0.012637	0.24489
9mo_SIGAE3_	0.0416477	0.24880254	5.05E-05	0.0046492	-0.0504
9mo_SIGAE3_	0.02360934	0.13748783	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.0359541	0.21366736	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.0469473	0.2815064	5.49E-05	0.0049251	-0.018376
9mo_SIGAE3_	0.02171212	0.12578009	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01832158	0.10485706	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.01182423	0.06476193	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.01818461	0.10401182	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.03247374	0.19219005	4.62E-05	0.0046026	-0.11603
9mo_SIGAE3_	0.02334269	0.13584234	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.0331092	0.19611146	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.02370821	0.13809794	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.03336975	0.1977193	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.0148968	0.08372275	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.00766177	0.03907536	3.53E-05	0.0073641	0.43054
9mo_SIGAE3_	0.0181589	0.10385319	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.00895751	0.04707137	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.09540146	0.580517	5.20E-05	0.0056833	-0.91061
9mo_SIGAE3_	0.02917433	0.1718294	4.51E-05	0.0047064	-0.1231
9mo_SIGAE3_	0.02531253	0.14799824	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.02489919	0.14544748	4.36E-05	0.0049516	-0.10343
9mo_SIGAE3_	0.02560672	0.14981368	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.01285609	0.07112953	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.02086621	0.12055998	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01640071	0.09300336	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.0208202	0.12027608	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01667436	0.09469207	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.01630813	0.09243203	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.03648584	0.21694869	4.79E-05	0.0045625	-0.092976
9mo_SIGAE3_	0.01345753	0.07484102	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02335951	0.13594612	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.02578415	0.15090857	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.06213438	0.37522584	6.36E-05	0.0076138	0.11565
9mo_SIGAE3_	0.02012846	0.11600729	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.04536317	0.27173075	5.34E-05	0.0048194	-0.024952
9mo_SIGAE3_	0.01182207	0.06474858	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.03343728	0.19813605	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.01872036	0.10731792	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.05056386	0.3038242	5.83E-05	0.0052672	0.0043724
9mo_SIGAE3_	0.0138221	0.07709074	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01408852	0.07873487	3.89E-05	0.0061278	0.1561

9mo_SIGAE3_	0.01797468	0.10271635	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.04025879	0.2402316	4.99E-05	0.0046177	-0.063007
9mo_SIGAE3_	0.10374014	0.631975	5.82E-05	0.0036742	-1.3662
9mo_SIGAE3_	0.0176938	0.10098305	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.08028365	0.48722503	4.87E-05	0.014207	0.14202
9mo_SIGAE3_	0.04845664	0.2908205	5.63E-05	0.005054	-0.0087048
9mo_SIGAE3_	0.03009629	0.17751881	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01016225	0.05450585	3.65E-05	0.0069072	0.33263
9mo_SIGAE3_	0.02371697	0.138152	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01061306	0.05728777	3.68E-05	0.0068	0.30902
9mo_SIGAE3_	0.02117252	0.12245024	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01132408	0.06167549	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01220117	0.06708799	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.04885051	0.29325107	5.68E-05	0.0051026	-0.0054808
9mo_SIGAE3_	0.09364452	0.56967497	5.06E-05	0.0067258	-0.7829
9mo_SIGAE3_	0.01888694	0.1083459	4.11E-05	0.0055212	0.0010121
9mo_SIGAE3_	0.01444968	0.08096357	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.0113109	0.06159416	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01858967	0.10651146	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01423712	0.07965183	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.02659925	0.15593858	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.01440152	0.08066636	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.02114258	0.12226544	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01300636	0.07205686	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01621197	0.09183865	3.98E-05	0.0058806	0.080526
9mo_SIGAE3_	0.02052646	0.1184634	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.07278102	0.44092628	5.49E-05	0.012637	0.24373
9mo_SIGAE3_	0.01991137	0.11466765	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.05428941	0.32681453	6.14E-05	0.0057798	0.030074
9mo_SIGAE3_	0.01415593	0.07915083	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.00593959	0.02844778	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.02054281	0.11856426	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.0040658	0.01688463	3.32E-05	0.0082728	0.61153
9mo_SIGAE3_	0.01261825	0.06966177	3.80E-05	0.0063994	0.21875
9mo_SIGAE3_	0.01302214	0.0721542	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.04319773	0.25836778	5.17E-05	0.0047101	-0.038876
9mo_SIGAE3_	0.02554257	0.14941782	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.04134161	0.2469137	5.05E-05	0.0046492	-0.054504
9mo_SIGAE3_	0.1509048	0.9230282	7.72E-05	0.00467	-1.105
9mo_SIGAE3_	0.03709744	0.22072287	4.81E-05	0.0045652	-0.088896
9mo_SIGAE3_	0.00853223	0.04444699	3.56E-05	0.0072456	0.40559
9mo_SIGAE3_	0.02815817	0.16555865	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.01134817	0.06182411	3.71E-05	0.0066957	0.263

9mo_SIGAE3_	0.02992259	0.1764469	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.01223022	0.06726727	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.0999641	0.60867304	5.53E-05	0.004262	-1.2296
9mo_SIGAE3_	0.01338061	0.07436634	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.02350389	0.1368371	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01186542	0.06501611	3.74E-05	0.0065941	0.24064
9mo_SIGAE3_	0.08233175	0.49986383	4.81E-05	0.013778	0.05262
9mo_SIGAE3_	0.0248113	0.14490515	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.0179947	0.1028399	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.0224173	0.13013175	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.01359868	0.07571202	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.02449773	0.14297013	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.0160956	0.0911205	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.08909056	0.5415724	4.84E-05	0.0094274	-0.3844
9mo_SIGAE3_	0.01968431	0.11326647	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.02009542	0.11580341	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.05923281	0.35732028	6.37E-05	0.0067983	0.074574
9mo_SIGAE3_	0.00925509	0.04890772	3.62E-05	0.0070172	0.35661
9mo_SIGAE3_	0.07507955	0.45511055	5.28E-05	0.013537	0.23858
9mo_SIGAE3_	0.02014718	0.11612284	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02020975	0.11650896	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02540491	0.1485683	4.38E-05	0.0049138	-0.10813
9mo_SIGAE3_	0.01967797	0.11322738	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.090281	0.54891866	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.02620747	0.15352088	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.02618665	0.1533924	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.09459979	0.5755699	5.13E-05	0.0061762	-0.8688
9mo_SIGAE3_	0.02608238	0.15274899	4.42E-05	0.0048445	-0.11213
9mo_SIGAE3_	0.02931942	0.17272472	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.01447781	0.08113716	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.03944723	0.23522343	4.92E-05	0.0045932	-0.067351
9mo_SIGAE3_	0.03388133	0.20087625	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.07988118	0.48474136	4.90E-05	0.014278	0.15946
9mo_SIGAE3_	0.02462605	0.14376192	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.01688909	0.09601718	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.0112643	0.06130658	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.04217478	0.25205517	5.09E-05	0.0046676	-0.04643
9mo_SIGAE3_	0.02033438	0.11727804	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.02765897	0.16247813	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.02442028	0.14249216	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.03801495	0.22638482	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.01875685	0.10754309	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.01212871	0.06664088	3.77E-05	0.0064954	0.24064

9mo_SIGAE3_	0.08295439	0.50370616	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.01226186	0.0674625	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02978211	0.17557998	4.53E-05	0.0046846	-0.12301
9mo_SIGAE3_	0.02852194	0.1678035	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.01921203	0.11035203	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.01962214	0.11288284	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.03193617	0.18887271	4.60E-05	0.0046154	-0.11821
9mo_SIGAE3_	0.09127344	0.555043	4.93E-05	0.0079874	-0.60562
9mo_SIGAE3_	0.09295022	0.5653904	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.02491639	0.14555363	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.09621579	0.58554226	5.24E-05	0.0054581	-0.99133
9mo_SIGAE3_	0.01506913	0.08478619	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01731459	0.09864292	4.03E-05	0.005729	0.046584
9mo_SIGAE3_	0.03534792	0.20992659	4.74E-05	0.0045622	-0.10068
9mo_SIGAE3_	0.04766082	0.28590953	5.53E-05	0.0049654	-0.01192
9mo_SIGAE3_	0.04314221	0.25802517	5.17E-05	0.0047101	-0.042593
9mo_SIGAE3_	0.03132753	0.18511683	4.58E-05	0.00463	-0.12002
9mo_SIGAE3_	0.01481577	0.08322272	3.92E-05	0.0060428	0.1363
9mo_SIGAE3_	0.01763551	0.10062333	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.01222683	0.06724634	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.09292752	0.56525034	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.02451306	0.14306471	4.36E-05	0.0049516	-0.098011
9mo_SIGAE3_	0.01982486	0.11413384	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.08335695	0.5061903	4.78E-05	0.013315	-0.0045591
9mo_SIGAE3_	0.02709071	0.15897135	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.04305004	0.2574564	5.17E-05	0.0047101	-0.042593
9mo_SIGAE3_	0.03882964	0.23141228	4.89E-05	0.0045836	-0.076088
9mo_SIGAE3_	0.04475443	0.2679742	5.30E-05	0.0047888	-0.031751
9mo_SIGAE3_	0.01929275	0.11085018	4.14E-05	0.0054571	0.0010121
9mo_SIGAE3_	0.0176546	0.10074112	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.09721722	0.5917221	5.32E-05	0.0050496	-1.0673
9mo_SIGAE3_	0.01993408	0.11480783	4.16E-05	0.0053955	-0.012659
9mo_SIGAE3_	0.05137374	0.30882198	5.87E-05	0.0053288	0.011221
9mo_SIGAE3_	0.03319158	0.19661987	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.01767832	0.10088749	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.08313859	0.5048428	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.0124336	0.06852235	3.77E-05	0.0064954	0.21875
9mo_SIGAE3_	0.02170769	0.12575278	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.08104129	0.4919004	4.85E-05	0.0141	0.10139
9mo_SIGAE3_	0.02925027	0.17229801	4.53E-05	0.0046846	-0.1231
9mo_SIGAE3_	0.07412521	0.44922128	5.38E-05	0.013116	0.24406
9mo_SIGAE3_	0.01944606	0.11179623	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.02932782	0.1727766	4.53E-05	0.0046846	-0.1231

9mo_SIGAE3_	0.02336073	0.13595366	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.0108337	0.05864937	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01166934	0.06380609	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.0238492	0.13896804	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.07314961	0.4432009	5.43E-05	0.012883	0.24489
9mo_SIGAE3_	0.02059194	0.11886749	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01136426	0.06192341	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02037791	0.11754666	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01353881	0.07534257	3.86E-05	0.0062156	0.17645
9mo_SIGAE3_	0.01243386	0.06852392	3.77E-05	0.0064954	0.21875
9mo_SIGAE3_	0.00519105	0.02382856	3.38E-05	0.0079991	0.55892
9mo_SIGAE3_	0.0708089	0.42875636	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.08312795	0.50477713	4.78E-05	0.013315	0.02505
9mo_SIGAE3_	0.1012593	0.6166657	5.62E-05	0.0040352	-1.2808
9mo_SIGAE3_	0.08562405	0.5201806	4.76E-05	0.0117	-0.14081
9mo_SIGAE3_	0.03814279	0.22717378	4.87E-05	0.0045758	-0.080425
9mo_SIGAE3_	0.02668021	0.15643816	4.44E-05	0.004813	-0.11546
9mo_SIGAE3_	0.03129314	0.18490456	4.58E-05	0.00463	-0.12145
9mo_SIGAE3_	0.0238539	0.13899702	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.04090022	0.24418983	5.02E-05	0.0046325	-0.058715
9mo_SIGAE3_	0.01155965	0.06312918	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.0133307	0.07405831	3.83E-05	0.0063061	0.19734
9mo_SIGAE3_	0.01872685	0.10735796	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02738878	0.16081077	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03300822	0.19548832	4.64E-05	0.0045915	-0.11352
9mo_SIGAE3_	0.07075448	0.42842054	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.02314796	0.13464063	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.02283414	0.1327041	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.00582592	0.02774631	3.41E-05	0.0078664	0.53284
9mo_SIGAE3_	0.02795921	0.16433091	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.02089218	0.12072023	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01758835	0.10033228	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.09308378	0.5662146	5.02E-05	0.0070215	-0.73907
9mo_SIGAE3_	0.02736242	0.16064808	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.03672074	0.21839827	4.79E-05	0.0045625	-0.088896
9mo_SIGAE3_	0.0344084	0.20412882	4.70E-05	0.0045688	-0.10761
9mo_SIGAE3_	0.01886124	0.10818733	4.11E-05	0.0055212	0.015459
9mo_SIGAE3_	0.02089205	0.12071941	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01127877	0.06139587	3.71E-05	0.0066957	0.2858
9mo_SIGAE3_	0.01155468	0.06309851	3.74E-05	0.0065941	0.263
9mo_SIGAE3_	0.02491209	0.14552708	4.38E-05	0.0049138	-0.10343
9mo_SIGAE3_	0.01225899	0.06744479	3.77E-05	0.0064954	0.24064
9mo_SIGAE3_	0.02278232	0.13238429	4.30E-05	0.0050782	-0.077142

9mo_SIGAE3_	0.0214481	0.12415084	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.06816258	0.41242588	5.98E-05	0.010192	0.20551
9mo_SIGAE3_	0.02197987	0.12743239	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.01547322	0.0872798	3.95E-05	0.0059603	0.11709
9mo_SIGAE3_	0.0218112	0.1263915	4.26E-05	0.0051742	-0.059109
9mo_SIGAE3_	0.03205519	0.1896072	4.62E-05	0.0046026	-0.11821
9mo_SIGAE3_	0.02368723	0.13796847	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.01947998	0.11200558	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.01584849	0.08959562	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.03754063	0.22345784	4.84E-05	0.0045696	-0.084703
9mo_SIGAE3_	0.04893736	0.29378703	5.68E-05	0.0051026	-0.0054808
9mo_SIGAE3_	0.09828628	0.59831923	5.40E-05	0.0046955	-1.1032
9mo_SIGAE3_	0.07344419	0.4450187	5.43E-05	0.012883	0.24502
9mo_SIGAE3_	0.0299635	0.17669934	4.55E-05	0.0046645	-0.12301
9mo_SIGAE3_	0.00865263	0.04518994	3.59E-05	0.00713	0.38094
9mo_SIGAE3_	0.06261378	0.37818423	6.35E-05	0.0078047	0.11565
9mo_SIGAE3_	0.02402332	0.14004251	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.01646962	0.09342861	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.0645155	0.38991976	6.24E-05	0.0086643	0.14863
9mo_SIGAE3_	0.0158234	0.08944081	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02711165	0.15910059	4.46E-05	0.0047834	-0.11816
9mo_SIGAE3_	0.01947526	0.11197639	4.14E-05	0.0054571	-0.012659
9mo_SIGAE3_	0.03380846	0.2004266	4.68E-05	0.0045746	-0.11071
9mo_SIGAE3_	0.01837602	0.10519298	4.09E-05	0.0055879	0.015459
9mo_SIGAE3_	0.02118574	0.12253178	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.02386928	0.13909191	4.34E-05	0.0049916	-0.091842
9mo_SIGAE3_	0.01631369	0.0924664	4.00E-05	0.0058035	0.080526
9mo_SIGAE3_	0.02025081	0.11676233	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.01586676	0.08970834	3.98E-05	0.0058806	0.098494
9mo_SIGAE3_	0.02317499	0.13480745	4.30E-05	0.0050782	-0.077142
9mo_SIGAE3_	0.01621853	0.09187914	3.98E-05	0.0058806	0.080526
9mo_SIGAE3_	0.02783382	0.16355711	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.02781384	0.16343378	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.01688012	0.09596179	4.03E-05	0.005729	0.063215
9mo_SIGAE3_	0.03498619	0.20769438	4.72E-05	0.0045646	-0.10426
9mo_SIGAE3_	0.07087195	0.42914543	5.71E-05	0.011574	0.23476
9mo_SIGAE3_	0.02056429	0.11869684	4.19E-05	0.0053364	-0.037579
9mo_SIGAE3_	0.05912229	0.35663825	6.37E-05	0.0067983	0.074574
9mo_SIGAE3_	0.02589853	0.15161444	4.40E-05	0.0048781	-0.10813
9mo_SIGAE3_	0.11421292	0.6966025	6.45E-05	0.0040757	-1.257
9mo_SIGAE3_	0.05435547	0.3272222	6.14E-05	0.0057798	0.030074
9mo_SIGAE3_	0.03345217	0.19822793	4.66E-05	0.0045822	-0.11352
9mo_SIGAE3_	0.08973587	0.54555464	4.86E-05	0.0090548	-0.47194

9mo_SIGAE3_	0.02357089	0.13725059	4.32E-05	0.0050338	-0.084895
9mo_SIGAE3_	0.07063612	0.42769012	5.71E-05	0.011574	0.23016
9mo_SIGAE3_	0.02146122	0.12423181	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.01761783	0.10051422	4.06E-05	0.0056572	0.046584
9mo_SIGAE3_	0.03616105	0.21494442	4.77E-05	0.0045615	-0.096915
9mo_SIGAE3_	0.0061781	0.02991962	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.02791144	0.1640361	4.48E-05	0.0047558	-0.12024
9mo_SIGAE3_	0.0281485	0.165499	4.48E-05	0.0047558	-0.12174
9mo_SIGAE3_	0.05118014	0.30762723	5.87E-05	0.0053288	0.0077602
9mo_SIGAE3_	0.00630125	0.03067957	3.44E-05	0.0077366	0.50694
9mo_SIGAE3_	0.09082631	0.55228376	4.91E-05	0.0083333	-0.56091
9mo_SIGAE3_	0.02248717	0.13056293	4.28E-05	0.005125	-0.068556
9mo_SIGAE3_	0.09047344	0.5501062	4.88E-05	0.0086895	-0.51631
9mo_SIGAE3_	0.02063531	0.11913512	4.21E-05	0.0052798	-0.037579
9mo_SIGAE3_	0.01816129	0.1038679	4.09E-05	0.0055879	0.030658
9mo_SIGAE3_	0.02846392	0.16744548	4.49E-05	0.0047302	-0.12174
9mo_SIGAE3_	0.06927282	0.41927722	5.87E-05	0.010741	0.21895
9mo_SIGAE3_	0.02127721	0.12309628	4.24E-05	0.0052258	-0.04878
9mo_SIGAE3_	0.09529001	0.5798292	5.16E-05	0.0059226	-0.91061
9mo_SIGAE3_	0.08817323	0.53591156	4.80E-05	0.010188	-0.3415
9mo_SIGAE3_	0.04202553	0.25113416	5.09E-05	0.0046676	-0.0504
9mo_SIGAE3_	0.01413921	0.07904767	3.89E-05	0.0061278	0.1561
9mo_SIGAE3_	0.04115423	0.24575734	5.02E-05	0.0046325	-0.054504
9mo_SIGAE3_	0.02038305	0.11757841	4.19E-05	0.0053364	-0.025531
9mo_SIGAE3_	0.08978745	0.545873	4.86E-05	0.0090548	-0.47194
9mo_SIGAE3_	0.08373342	0.5085135	4.77E-05	0.013036	-0.036078
9mo_SIGAE3_	0.08310723	0.50464934	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.0073736	0.03729709	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.06223128	0.37582383	6.36E-05	0.0076138	0.11565
9mo_SIGAF3_	0.02673468	0.15677433	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02198666	0.12747428	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0250123	0.1461455	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02319723	0.13494469	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.07955293	0.4827158	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.0181582	0.10384887	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01310923	0.07269162	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.03449628	0.20467114	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01925678	0.1106282	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.0532463	0.32037753	6.05E-05	0.0056127	0.022172
9mo_SIGAF3_	0.01705988	0.0970711	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.07668833	0.46503827	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.02229491	0.12937646	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02355821	0.13717234	4.32E-05	0.0050338	-0.084895

9mo_SIGAF3_	0.0889741	0.5408538	4.84E-05	0.0094274	-0.3844
9mo_SIGAF3_	0.01371509	0.07643042	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01897296	0.10887671	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.07887688	0.47854385	4.97E-05	0.014318	0.17506
9mo_SIGAF3_	0.0190668	0.1094558	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01952488	0.1122826	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02593652	0.1518489	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.02867406	0.16874225	4.49E-05	0.0047302	-0.12268
9mo_SIGAF3_	0.01602594	0.09069067	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01192996	0.06541436	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01623978	0.09201029	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.05491199	0.3306565	6.17E-05	0.0058704	0.034245
9mo_SIGAF3_	0.02629042	0.1540328	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.08163182	0.49554455	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.08624144	0.5239905	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.04140239	0.24728872	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.09472575	0.57634723	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.02381243	0.13874112	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.01605066	0.09084319	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.00362707	0.01417722	3.29E-05	0.0084138	0.63801
9mo_SIGAF3_	0.08154739	0.49502355	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.04094159	0.24444515	5.02E-05	0.0046325	-0.058715
9mo_SIGAF3_	0.04464686	0.26731038	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.07295073	0.44197357	5.49E-05	0.012637	0.24489
9mo_SIGAF3_	0.03170571	0.18745056	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.02395298	0.13960843	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.07497465	0.45446318	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.08791204	0.5342998	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.04739399	0.28426293	5.53E-05	0.0049654	-0.01514
9mo_SIGAF3_	0.02546924	0.1489653	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.02180917	0.12637898	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02274938	0.13218102	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.09168422	0.5575779	4.96E-05	0.0076529	-0.60562
9mo_SIGAF3_	0.01388103	0.07745445	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.07392797	0.44800413	5.38E-05	0.013116	0.24502
9mo_SIGAF3_	0.01856019	0.10632954	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.09470367	0.576211	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.02005241	0.115538	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02157246	0.12491822	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01517588	0.08544495	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.05478685	0.3298843	6.17E-05	0.0058704	0.034245
9mo_SIGAF3_	0.08657728	0.526063	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.0818144	0.4966713	4.81E-05	0.013778	0.078055

9mo_SIGAF3_	0.0206521	0.11923873	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.09044682	0.5499419	4.88E-05	0.0086895	-0.51631
9mo_SIGAF3_	0.09710848	0.591051	5.32E-05	0.0050496	-1.03
9mo_SIGAF3_	0.07031258	0.4256935	5.76E-05	0.011297	0.23016
9mo_SIGAF3_	0.07230718	0.4380022	5.54E-05	0.012382	0.24161
9mo_SIGAF3_	0.03140367	0.18558666	4.58E-05	0.00463	-0.12002
9mo_SIGAF3_	0.01095795	0.05941607	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01902045	0.10916981	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01121029	0.06097331	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.06943111	0.420254	5.82E-05	0.011019	0.21895
9mo_SIGAF3_	0.06031978	0.36402798	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.09335329	0.5678777	5.06E-05	0.0067258	-0.73907
9mo_SIGAF3_	0.0327175	0.19369432	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.02235859	0.12976949	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02831457	0.1665238	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.01668934	0.09478451	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01419716	0.07940523	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02042689	0.11784891	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.07615775	0.4617641	5.18E-05	0.013885	0.22792
9mo_SIGAF3_	0.02487855	0.14532013	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.0299392	0.17654943	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.03910031	0.2330826	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.01376857	0.07676043	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.0799955	0.48544684	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.01965879	0.11310899	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01730748	0.09859905	4.03E-05	0.005729	0.046584
9mo_SIGAF3_	0.02968272	0.17496668	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.01096075	0.05943339	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01657515	0.09407983	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.03091896	0.18259554	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.08760589	0.5324105	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.07806728	0.47354782	5.01E-05	0.014289	0.20103
9mo_SIGAF3_	0.01880475	0.10783869	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02101523	0.12147955	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.07237631	0.43842882	5.54E-05	0.012382	0.24373
9mo_SIGAF3_	0.02376704	0.138461	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.08784862	0.5339084	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.07950448	0.48241675	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.0141839	0.07932342	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02395762	0.13963708	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03413326	0.20243096	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01958979	0.11268318	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.08795301	0.53455263	4.80E-05	0.010188	-0.29935

9mo_SIGAF3_	0.0819675	0.49761608	4.81E-05	0.013778	0.078055
9mo_SIGAF3_	0.01329985	0.07386793	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.08527595	0.5180325	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.02215192	0.12849411	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.08354899	0.5073754	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.0120072	0.06589103	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.0404382	0.24133874	4.99E-05	0.0046177	-0.063007
9mo_SIGAF3_	0.09668643	0.58844656	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.02232686	0.12957366	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.06552737	0.39616397	6.20E-05	0.0089013	0.16566
9mo_SIGAF3_	0.03037651	0.17924808	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.07283583	0.44126448	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.01317105	0.07307316	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0164652	0.09340136	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01882187	0.10794434	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01573153	0.08887389	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01702666	0.09686612	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.01546315	0.0872177	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01587201	0.08974075	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.08021755	0.4868171	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.07790177	0.47252646	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.0223448	0.12968434	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.05948537	0.35887882	6.37E-05	0.0067983	0.080679
9mo_SIGAF3_	0.04476982	0.26806915	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.04087954	0.24406226	5.02E-05	0.0046325	-0.058715
9mo_SIGAF3_	0.02823588	0.16603819	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.12589136	0.7686702	6.97E-05	0.0054997	-0.97067
9mo_SIGAF3_	0.0341044	0.20225286	4.68E-05	0.0045746	-0.10761
9mo_SIGAF3_	0.07053607	0.4270727	5.71E-05	0.011574	0.23016
9mo_SIGAF3_	0.05892162	0.35539994	6.35E-05	0.0066597	0.074574
9mo_SIGAF3_	0.08170271	0.49598205	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.01038428	0.05587598	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02220321	0.12881058	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.01553566	0.08766515	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.03651432	0.21712449	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.02776396	0.16312599	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.06772074	0.40969932	6.03E-05	0.009922	0.19812
9mo_SIGAF3_	0.12080587	0.73728764	6.75E-05	0.0049988	-1.0611
9mo_SIGAF3_	0.03413515	0.20244262	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.08128063	0.49337736	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.03184839	0.188331	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.03841909	0.22887878	4.87E-05	0.0045758	-0.076088
9mo_SIGAF3_	0.03025258	0.17848329	4.55E-05	0.0046645	-0.12245

9mo_SIGAF3_	0.0267567	0.1569102	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.05617157	0.33842936	6.24E-05	0.0060668	0.047788
9mo_SIGAF3_	0.0136217	0.07585409	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.05838229	0.3520717	6.34E-05	0.0065282	0.068735
9mo_SIGAF3_	0.01840014	0.10534188	4.09E-05	0.0055879	0.015459
9mo_SIGAF3_	0.05587493	0.33659878	6.24E-05	0.0060668	0.043089
9mo_SIGAF3_	0.01766207	0.10078725	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02228935	0.12934218	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02690208	0.15780735	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01887261	0.10825748	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01021582	0.05483643	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.02326644	0.13537179	4.30E-05	0.0050782	-0.084895
9mo_SIGAF3_	0.01830558	0.10475834	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.08430386	0.51203376	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.03096573	0.1828841	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.03570001	0.21209937	4.74E-05	0.0045622	-0.096915
9mo_SIGAF3_	0.02063065	0.11910636	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02370655	0.13808773	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.08566222	0.5204162	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.02220891	0.12884575	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.01110431	0.0603193	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.02440645	0.14240682	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.06358676	0.38418847	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.01547377	0.08728321	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01838807	0.10526736	4.09E-05	0.0055879	0.015459
9mo_SIGAF3_	0.02308708	0.13426499	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.05083858	0.30551946	5.83E-05	0.0052672	0.0077602
9mo_SIGAF3_	0.08359723	0.5076731	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.08696518	0.52845675	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.00944921	0.05010565	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.01458525	0.08180019	3.89E-05	0.0061278	0.1363
9mo_SIGAF3_	0.03234612	0.19140248	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02143066	0.12404322	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02659347	0.15590292	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01918415	0.11018001	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02737067	0.16069901	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.03806591	0.22669931	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.07867209	0.47728008	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.03944928	0.2352361	4.92E-05	0.0045932	-0.067351
9mo_SIGAF3_	0.03575512	0.21243946	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.00913583	0.04817179	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.09031948	0.5491561	4.88E-05	0.0086895	-0.51631
9mo_SIGAF3_	0.01992082	0.11472599	4.16E-05	0.0053955	-0.012659

9mo_SIGAF3_	0.02443236	0.14256671	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.08881209	0.539854	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.02308117	0.13422847	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.08257458	0.5013624	4.79E-05	0.013563	0.05262
9mo_SIGAF3_	0.02878615	0.16943392	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02329664	0.13555814	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02102635	0.12154821	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02003064	0.11540368	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.07401615	0.44854826	5.38E-05	0.013116	0.24406
9mo_SIGAF3_	0.02089401	0.12073154	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.0133886	0.07441564	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0804196	0.48806396	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.01460083	0.08189632	3.89E-05	0.0061278	0.1363
9mo_SIGAF3_	0.02285829	0.13285312	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02289713	0.13309279	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.00658708	0.03244343	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.05466649	0.3291415	6.14E-05	0.0057798	0.034245
9mo_SIGAF3_	0.04594103	0.2752967	5.39E-05	0.0048522	-0.021643
9mo_SIGAF3_	0.02070789	0.11958297	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01655108	0.09393129	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0233067	0.13562024	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01109583	0.06026696	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.12021264	0.73362684	6.73E-05	0.0049233	-1.0756
9mo_SIGAF3_	0.0184764	0.10581246	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.09059144	0.55083436	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.03053334	0.18021585	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.08137631	0.49396786	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.07086537	0.4291048	5.71E-05	0.011574	0.23476
9mo_SIGAF3_	0.092826	0.56462383	5.02E-05	0.0070215	-0.69483
9mo_SIGAF3_	0.01289185	0.07135021	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0232235	0.1351068	4.30E-05	0.0050782	-0.084895
9mo_SIGAF3_	0.01324372	0.07352159	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01917253	0.11010829	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02966687	0.17486884	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.02840495	0.16708156	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.08707052	0.52910674	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.03226006	0.19087142	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.03133898	0.18518741	4.58E-05	0.00463	-0.12002
9mo_SIGAF3_	0.09630832	0.5861133	5.24E-05	0.0054581	-0.99133
9mo_SIGAF3_	0.01287695	0.07125825	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.01263152	0.06974371	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02626945	0.15390337	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.07645268	0.4635841	5.13E-05	0.014025	0.22792

9mo_SIGAF3_	0.01711222	0.09739409	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.09018064	0.5482993	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.01727852	0.09842032	4.03E-05	0.005729	0.046584
9mo_SIGAF3_	0.02568982	0.1503265	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.02995832	0.1766674	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.08648587	0.5254989	4.77E-05	0.011133	-0.21781
9mo_SIGAF3_	0.02551047	0.14921974	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.07786995	0.4723301	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.02357129	0.13725305	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02170429	0.12573177	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0648016	0.3916853	6.24E-05	0.0086643	0.15715
9mo_SIGAF3_	0.03838795	0.22868665	4.87E-05	0.0045758	-0.076088
9mo_SIGAF3_	0.02829469	0.16640116	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.08406342	0.51054996	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.02466897	0.14402679	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02421344	0.14121576	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.07065661	0.4278165	5.71E-05	0.011574	0.23016
9mo_SIGAF3_	0.03392263	0.20113114	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.09828463	0.59830904	5.40E-05	0.0046955	-1.1032
9mo_SIGAF3_	0.01887752	0.10828779	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.09655397	0.58762914	5.28E-05	0.0052469	-0.99133
9mo_SIGAF3_	0.06022151	0.36342153	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.09734584	0.5925158	5.32E-05	0.0050496	-1.0673
9mo_SIGAF3_	0.0115695	0.06318999	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.06894658	0.41726395	5.87E-05	0.010741	0.21248
9mo_SIGAF3_	0.04172571	0.24928394	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.01438894	0.08058874	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02618789	0.1534001	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01313533	0.07285273	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0213806	0.12373427	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03923341	0.23390396	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.0321901	0.19043972	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02233137	0.1296015	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.03080733	0.18190661	4.57E-05	0.0046464	-0.12145
9mo_SIGAF3_	0.0194854	0.11203899	4.14E-05	0.0054571	-0.012659
9mo_SIGAF3_	0.06015543	0.36301377	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.07730614	0.4688508	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.07520466	0.45588255	5.28E-05	0.013537	0.23858
9mo_SIGAF3_	0.02832697	0.16660033	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.03416155	0.20260555	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.06163017	0.37211436	6.37E-05	0.0074328	0.10802
9mo_SIGAF3_	0.07272071	0.44055414	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.02910835	0.17142224	4.51E-05	0.0047064	-0.12268

9mo_SIGAF3_	0.05164793	0.310514	5.92E-05	0.0053939	0.011221
9mo_SIGAF3_	0.02041846	0.11779694	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01641574	0.09309611	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.03403597	0.20183054	4.68E-05	0.0045746	-0.10761
9mo_SIGAF3_	0.08332273	0.5059792	4.78E-05	0.013315	-0.0045591
9mo_SIGAF3_	0.09839831	0.5990105	5.40E-05	0.0046955	-1.1375
9mo_SIGAF3_	0.01278954	0.07071884	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0412488	0.24634092	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.08460632	0.51390016	4.76E-05	0.012404	-0.069378
9mo_SIGAF3_	0.01868733	0.10711413	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.0853616	0.518561	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.09121525	0.55468386	4.93E-05	0.0079874	-0.56091
9mo_SIGAF3_	0.01732898	0.09873174	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01798659	0.10278984	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01908757	0.10958397	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02527687	0.14777818	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.09656455	0.58769447	5.28E-05	0.0052469	-0.99133
9mo_SIGAF3_	0.02601908	0.15235835	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02307295	0.13417779	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01647473	0.09346017	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.07668866	0.46504036	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.02699745	0.15839589	4.44E-05	0.004813	-0.11816
9mo_SIGAF3_	0.01759421	0.10036843	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02078098	0.12003405	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.04556552	0.2729794	5.39E-05	0.0048522	-0.024952
9mo_SIGAF3_	0.01852528	0.10611408	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.0299151	0.17640069	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.08946517	0.54388416	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.01156887	0.06318607	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.08612815	0.52329135	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.02207249	0.12800395	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0096137	0.0511207	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.07591906	0.46029115	5.18E-05	0.013885	0.23393
9mo_SIGAF3_	0.03445196	0.20439763	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.05111329	0.30721468	5.87E-05	0.0053288	0.0077602
9mo_SIGAF3_	0.07682235	0.4658653	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.03953169	0.23574466	4.92E-05	0.0045932	-0.067351
9mo_SIGAF3_	0.04053213	0.24191839	4.99E-05	0.0046177	-0.058715
9mo_SIGAF3_	0.07870375	0.4774755	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.08852454	0.53807956	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.05289915	0.31823525	6.01E-05	0.0055357	0.018414
9mo_SIGAF3_	0.08637542	0.5248173	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.01648521	0.09352484	4.00E-05	0.0058035	0.080526

9mo_SIGAF3_	0.088289	0.53662604	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.02447673	0.14284049	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.10069765	0.61319983	5.58E-05	0.0041426	-1.2563
9mo_SIGAF3_	0.02224568	0.1290727	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.09036085	0.5494114	4.88E-05	0.0086895	-0.51631
9mo_SIGAF3_	0.01181198	0.06468634	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01676482	0.0952503	4.00E-05	0.0058035	0.063215
9mo_SIGAF3_	0.02441048	0.14243165	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.05933321	0.3579398	6.37E-05	0.0067983	0.074574
9mo_SIGAF3_	0.02418594	0.14104605	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.01860243	0.10659018	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.00851364	0.04433228	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.02283008	0.132679	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02861017	0.16834797	4.49E-05	0.0047302	-0.12268
9mo_SIGAF3_	0.09016338	0.5481928	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.0182497	0.10441347	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02580317	0.15102595	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.00315424	0.01125938	3.26E-05	0.0085576	0.66457
9mo_SIGAF3_	0.01026859	0.05516203	3.65E-05	0.0069072	0.30902
9mo_SIGAF3_	0.04278093	0.25579575	5.13E-05	0.0046879	-0.042593
9mo_SIGAF3_	0.02742886	0.16105813	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.01937719	0.11137125	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01892387	0.10857377	4.11E-05	0.0055212	0.0010121
9mo_SIGAF3_	0.07561664	0.45842487	5.23E-05	0.013721	0.23393
9mo_SIGAF3_	0.03465218	0.20563318	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.02017639	0.11630311	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01282419	0.07093266	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0415114	0.24796143	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.0291619	0.17175268	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.03871594	0.23071064	4.89E-05	0.0045836	-0.076088
9mo_SIGAF3_	0.07735785	0.4691699	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.08225293	0.49937743	4.81E-05	0.013778	0.05262
9mo_SIGAF3_	0.08734273	0.5307866	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.07933846	0.48139226	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.02374256	0.13830991	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.0694941	0.4206427	5.82E-05	0.011019	0.21895
9mo_SIGAF3_	0.02307224	0.13417341	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.00749977	0.03807567	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.01968807	0.11328966	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.06604803	0.39937702	6.16E-05	0.0091463	0.17407
9mo_SIGAF3_	0.03997295	0.2384677	4.95E-05	0.0046046	-0.063007
9mo_SIGAF3_	0.09134822	0.55550444	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.03416697	0.20263898	4.70E-05	0.0045688	-0.10761

9mo_SIGAF3_	0.09297217	0.5655259	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.08599085	0.5224441	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.02375671	0.13839726	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.05646929	0.34026662	6.27E-05	0.0061731	0.047788
9mo_SIGAF3_	0.07428365	0.45019898	5.33E-05	0.013335	0.24406
9mo_SIGAF3_	0.06902046	0.41771987	5.87E-05	0.010741	0.21248
9mo_SIGAF3_	0.08494832	0.5160107	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.08194582	0.4974823	4.81E-05	0.013778	0.078055
9mo_SIGAF3_	0.01041231	0.05604892	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.03085431	0.18219656	4.57E-05	0.0046464	-0.12145
9mo_SIGAF3_	0.08536436	0.51857805	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.02608297	0.15275258	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01850921	0.10601492	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01692177	0.09621884	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.01324486	0.07352859	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.02339693	0.13617706	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01113399	0.06050242	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01605779	0.09088718	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01481	0.0831871	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.04873142	0.29251623	5.63E-05	0.005054	-0.0054808
9mo_SIGAF3_	0.09830414	0.59842944	5.40E-05	0.0046955	-1.1375
9mo_SIGAF3_	0.09121408	0.5546767	4.93E-05	0.0079874	-0.56091
9mo_SIGAF3_	0.07737439	0.469272	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.01487057	0.08356089	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.01019136	0.05468546	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.0160692	0.09095764	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.00769329	0.03926988	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.09203576	0.5597472	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.08133008	0.49368256	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.02381257	0.13874196	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.04496826	0.26929373	5.34E-05	0.0048194	-0.028317
9mo_SIGAF3_	0.08455942	0.5136108	4.76E-05	0.012404	-0.069378
9mo_SIGAF3_	0.08563641	0.5202569	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.08633997	0.52459854	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.01526713	0.08600806	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.0295183	0.173952	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.01898256	0.10893598	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08819403	0.53603995	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.0186282	0.10674918	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.08862531	0.5387014	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.00915823	0.04831003	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.08828218	0.53658396	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.01586881	0.08972099	3.98E-05	0.0058806	0.098494

9mo_SIGAF3_	0.01734699	0.09884287	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.03057892	0.18049714	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01890246	0.10844167	4.11E-05	0.0055212	0.0010121
9mo_SIGAF3_	0.00800106	0.04116915	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.09273201	0.5640438	5.02E-05	0.0070215	-0.69483
9mo_SIGAF3_	0.01922638	0.1104406	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.0328551	0.1945434	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.08331291	0.50591856	4.78E-05	0.013315	-0.0045591
9mo_SIGAF3_	0.02376715	0.13846171	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.02108271	0.12189598	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.020683	0.11942937	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02148706	0.12439121	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02345261	0.13652064	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01552431	0.08759508	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02730762	0.16030993	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.081412	0.4941881	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.020405	0.11771384	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.0597622	0.36058712	6.37E-05	0.0069445	0.080679
9mo_SIGAF3_	0.03066943	0.18105564	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.09683752	0.58937895	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.0187065	0.10723241	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.026003	0.1522591	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01396404	0.0779667	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.07222287	0.43748197	5.54E-05	0.012382	0.24161
9mo_SIGAF3_	0.07873798	0.4776867	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.01767048	0.10083913	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02280624	0.13253191	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.06137254	0.37052456	6.37E-05	0.0074328	0.10072
9mo_SIGAF3_	0.08539372	0.51875925	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.06460401	0.39046597	6.24E-05	0.0086643	0.14863
9mo_SIGAF3_	0.01710164	0.0973288	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02138057	0.12373408	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03077525	0.1817087	4.57E-05	0.0046464	-0.12145
9mo_SIGAF3_	0.04431965	0.26529112	5.25E-05	0.0047605	-0.031751
9mo_SIGAF3_	0.0166289	0.09441153	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.08728978	0.5304598	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.03732968	0.22215603	4.81E-05	0.0045652	-0.084703
9mo_SIGAF3_	0.02221602	0.12888968	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.09669603	0.5885058	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.01337275	0.0743178	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.015112	0.08505071	3.92E-05	0.0060428	0.11709
9mo_SIGAF3_	0.02537755	0.14839949	4.38E-05	0.0049138	-0.10813
9mo_SIGAF3_	0.01865614	0.1069216	4.11E-05	0.0055212	0.015459

9mo_SIGAF3_	0.08359677	0.5076703	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.09908088	0.6032227	5.45E-05	0.0045382	-1.1701
9mo_SIGAF3_	0.08346659	0.50686693	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.02136362	0.12362952	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.07717238	0.4680254	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.07486922	0.4538126	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.01661063	0.09429881	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.09680251	0.5891629	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.04360466	0.26087895	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.0299	0.1763075	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.03003945	0.17716807	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.06300822	0.38061833	6.33E-05	0.0080056	0.12359
9mo_SIGAF3_	0.02127204	0.12306432	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02103444	0.12159811	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.00931852	0.04929914	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.01918446	0.11018187	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02014749	0.11612475	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01717186	0.09776212	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.04794476	0.2876617	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.10128369	0.6168163	5.62E-05	0.0040352	-1.2808
9mo_SIGAF3_	0.06574446	0.39750367	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.0282566	0.16616608	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.0200286	0.11539107	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01817466	0.10395043	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02117574	0.1224701	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.08567458	0.5204924	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.03141257	0.18564156	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.08084625	0.49069682	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.02118553	0.12253051	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02784753	0.1636417	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.06224072	0.37588212	6.36E-05	0.0076138	0.11565
9mo_SIGAF3_	0.01231291	0.06777757	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01992276	0.11473794	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02594207	0.15188314	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.06802956	0.41160503	5.98E-05	0.010192	0.19812
9mo_SIGAF3_	0.02153954	0.12471511	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.10326112	0.62901896	5.78E-05	0.003724	-1.3542
9mo_SIGAF3_	0.02490983	0.14551315	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08512588	0.5171064	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.08501484	0.51642114	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.03984333	0.2376678	4.95E-05	0.0046046	-0.067351
9mo_SIGAF3_	0.090648	0.5511834	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.07215966	0.43709186	5.54E-05	0.012382	0.24161

9mo_SIGAF3_	0.03413793	0.2024598	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.02109124	0.12194862	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.03231082	0.19118465	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.08332367	0.50598496	4.78E-05	0.013315	-0.0045591
9mo_SIGAF3_	0.01711027	0.09738208	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.09798858	0.5964821	5.36E-05	0.0048658	-1.1032
9mo_SIGAF3_	0.02507062	0.14650543	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08938098	0.54336464	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.06820527	0.41268933	5.98E-05	0.010192	0.20551
9mo_SIGAF3_	0.0176945	0.10098738	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.0185489	0.10625988	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.03717544	0.22120424	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.08981211	0.5460251	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.02241067	0.13009083	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.0628126	0.3794112	6.35E-05	0.0078047	0.12359
9mo_SIGAF3_	0.01540639	0.08686741	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02173371	0.12591334	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0970798	0.590874	5.32E-05	0.0050496	-1.03
9mo_SIGAF3_	0.03384408	0.20064642	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02893639	0.17036107	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.0240701	0.14033118	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02513584	0.14690787	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.05786217	0.34886208	6.32E-05	0.0064035	0.06315
9mo_SIGAF3_	0.01382617	0.07711588	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01034458	0.05563096	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.01007446	0.05396407	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.03495591	0.20750752	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.01796498	0.10265651	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02212885	0.12835173	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.0420882	0.25152084	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.03012564	0.17769991	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02204612	0.12784119	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.08514699	0.51723665	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.0181948	0.10407473	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.07109655	0.43053144	5.65E-05	0.011849	0.23476
9mo_SIGAF3_	0.02051137	0.11837028	4.19E-05	0.0053364	-0.037579
9mo_SIGAF3_	0.08704452	0.5289463	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.02929682	0.17258525	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.02032637	0.11722863	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.04537861	0.271826	5.34E-05	0.0048194	-0.024952
9mo_SIGAF3_	0.03086363	0.18225405	4.57E-05	0.0046464	-0.12145
9mo_SIGAF3_	0.00673313	0.03334473	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.01106024	0.06004734	3.71E-05	0.0066957	0.2858

9mo_SIGAF3_	0.10312721	0.6281926	5.78E-05	0.003724	-1.3397
9mo_SIGAF3_	0.07645088	0.46357298	5.13E-05	0.014025	0.22792
9mo_SIGAF3_	0.02056625	0.11870893	4.19E-05	0.0053364	-0.037579
9mo_SIGAF3_	0.09061699	0.550992	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.07134602	0.4320709	5.65E-05	0.011849	0.2386
9mo_SIGAF3_	0.01460082	0.08189627	3.89E-05	0.0061278	0.1363
9mo_SIGAF3_	0.02225269	0.12911594	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02617308	0.15330869	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01586469	0.08969556	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.0306066	0.18066792	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01894732	0.10871853	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02962464	0.17460823	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.04128467	0.24656227	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.02710583	0.1590647	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.07536104	0.4568476	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.01405782	0.07854542	3.86E-05	0.0062156	0.1561
9mo_SIGAF3_	0.07266023	0.4401809	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.01699829	0.09669103	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.03498337	0.20767698	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.0827496	0.50244236	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.03955667	0.2358988	4.95E-05	0.0046046	-0.067351
9mo_SIGAF3_	0.09505206	0.57836086	5.16E-05	0.0059226	-0.91061
9mo_SIGAF3_	0.03222856	0.19067702	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.03039259	0.17934728	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01937162	0.11133686	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01946552	0.11191633	4.14E-05	0.0054571	-0.012659
9mo_SIGAF3_	0.06799381	0.41138437	5.98E-05	0.010192	0.19812
9mo_SIGAF3_	0.06968598	0.4218268	5.82E-05	0.011019	0.22487
9mo_SIGAF3_	0.02545022	0.14884792	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.03628652	0.21571873	4.77E-05	0.0045615	-0.092976
9mo_SIGAF3_	0.02514808	0.14698337	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.05547295	0.3341182	6.21E-05	0.005966	0.038579
9mo_SIGAF3_	0.08734116	0.5307769	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.02209747	0.12815806	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01678294	0.09536212	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.09664179	0.58817106	5.28E-05	0.0052469	-0.99133
9mo_SIGAF3_	0.09405651	0.57221735	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.02589419	0.15158767	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.08517068	0.51738286	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.0253442	0.14819364	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.03350114	0.19853015	4.66E-05	0.0045822	-0.11071
9mo_SIGAF3_	0.02087019	0.12058452	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01952796	0.11230164	4.16E-05	0.0053955	-0.012659

9mo_SIGAF3_	0.01155139	0.06307821	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01989387	0.11455969	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.08839361	0.53727156	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.0379722	0.22612102	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.03379382	0.20033625	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02199807	0.12754469	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02659255	0.15589723	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01341698	0.07459074	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01714079	0.0975704	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.01544642	0.08711442	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.09358367	0.5692994	5.06E-05	0.0067258	-0.7829
9mo_SIGAF3_	0.01675713	0.09520286	4.00E-05	0.0058035	0.063215
9mo_SIGAF3_	0.04199529	0.25094756	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.02622951	0.15365689	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01938882	0.11144298	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02236837	0.12982984	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.05463096	0.32892224	6.14E-05	0.0057798	0.034245
9mo_SIGAF3_	0.0174718	0.09961304	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02460798	0.14365044	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01538686	0.08674689	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.0203395	0.11730962	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02950112	0.17384604	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.0233252	0.13573442	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01956758	0.11254612	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.04111878	0.24553858	5.02E-05	0.0046325	-0.054504
9mo_SIGAF3_	0.09260106	0.56323576	4.99E-05	0.0073308	-0.69483
9mo_SIGAF3_	0.06610701	0.399741	6.12E-05	0.0093985	0.17407
9mo_SIGAF3_	0.01627004	0.09219702	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0297328	0.17527568	4.53E-05	0.0046846	-0.12301
9mo_SIGAF3_	0.13783157	0.8423532	7.39E-05	0.0051198	-1.03
9mo_SIGAF3_	0.03003936	0.17716752	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.03171686	0.18751933	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.08883921	0.54002136	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.01395793	0.07792898	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01194363	0.06549875	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02918755	0.17191094	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.01579113	0.08924162	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.09556475	0.58152467	5.20E-05	0.0056833	-0.91061
9mo_SIGAF3_	0.01463888	0.08213113	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.01904991	0.10935157	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08798748	0.53476536	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.02995209	0.17662892	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02228463	0.12931308	4.28E-05	0.005125	-0.068556

9mo_SIGAF3_	0.03290829	0.1948717	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.0159315	0.09010784	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01447752	0.08113538	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0953173	0.57999766	5.16E-05	0.0059226	-0.91061
9mo_SIGAF3_	0.02776014	0.1631024	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01058513	0.05711541	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.05844047	0.35243073	6.34E-05	0.0065282	0.068735
9mo_SIGAF3_	0.02073643	0.11975909	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02377327	0.13849942	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.0751827	0.45574704	5.28E-05	0.013537	0.23858
9mo_SIGAF3_	0.01867826	0.10705811	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01118986	0.06084721	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01597118	0.09035275	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01797929	0.10274482	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02228628	0.12932326	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.04422471	0.2647053	5.25E-05	0.0047605	-0.035266
9mo_SIGAF3_	0.03300426	0.19546391	4.64E-05	0.0045915	-0.11352
9mo_SIGAF3_	0.02790145	0.16397442	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.06816357	0.412432	5.98E-05	0.010192	0.20551
9mo_SIGAF3_	0.00688066	0.03425514	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.01548584	0.08735769	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01416221	0.07918956	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.09480433	0.5768321	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.01128434	0.06143026	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.0163963	0.09297615	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02185618	0.1266691	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0931028	0.566332	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.05010566	0.30099663	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.0991044	0.6033678	5.45E-05	0.0045382	-1.1701
9mo_SIGAF3_	0.02254602	0.1309261	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.00999309	0.05346191	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.02817085	0.16563693	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.02121403	0.12270635	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.06180077	0.37316716	6.36E-05	0.0076138	0.10802
9mo_SIGAF3_	0.01879298	0.10776607	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.0218952	0.1269099	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01840956	0.10539997	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02729515	0.16023296	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.02360224	0.13744403	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.08586524	0.521669	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.02784223	0.16360903	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01997984	0.11509018	4.16E-05	0.0053955	-0.025531
9mo_SIGAF3_	0.02260277	0.13127632	4.28E-05	0.005125	-0.068556

9mo_SIGAF3_	0.01725511	0.0982759	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.09366503	0.56980145	5.06E-05	0.0067258	-0.7829
9mo_SIGAF3_	0.08940234	0.54349643	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.08771262	0.53306913	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.0325214	0.19248417	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.0298774	0.17616804	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.01737782	0.09903312	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01652885	0.09379412	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0947748	0.57664984	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.01897875	0.10891248	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.04166538	0.24891163	5.05E-05	0.0046492	-0.0504
9mo_SIGAF3_	0.07790508	0.47254688	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.09015988	0.5481712	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.02089017	0.12070785	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02579629	0.15098354	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.0316817	0.18730237	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.0895502	0.54440886	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.02826708	0.16623074	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.05440049	0.32750002	6.14E-05	0.0057798	0.030074
9mo_SIGAF3_	0.03295177	0.19513997	4.64E-05	0.0045915	-0.11352
9mo_SIGAF3_	0.08699998	0.52867144	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.08282608	0.5029143	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.01951904	0.11224657	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.03004574	0.17720689	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.07478834	0.45331347	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.00856963	0.04467775	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.08925549	0.5425902	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.07019111	0.42494395	5.76E-05	0.011297	0.22487
9mo_SIGAF3_	0.02320897	0.13501713	4.30E-05	0.0050782	-0.084895
9mo_SIGAF3_	0.03137162	0.18538885	4.58E-05	0.00463	-0.12002
9mo_SIGAF3_	0.02469073	0.14416112	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02352928	0.1369938	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.00773811	0.03954646	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.01289341	0.07135983	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02047567	0.11814997	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01488621	0.08365738	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.07403182	0.44864494	5.38E-05	0.013116	0.24406
9mo_SIGAF3_	0.02322645	0.13512501	4.30E-05	0.0050782	-0.084895
9mo_SIGAF3_	0.02217822	0.1286564	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.0479021	0.2873985	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.01632406	0.09253039	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01463401	0.08210108	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.0782365	0.47459206	5.01E-05	0.014289	0.20103

9mo_SIGAF3_	0.01350696	0.07514602	3.83E-05	0.0063061	0.17645
9mo_SIGAF3_	0.06823295	0.41286018	5.98E-05	0.010192	0.20551
9mo_SIGAF3_	0.08277052	0.50257146	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.02663962	0.15618768	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.0863311	0.5245438	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.02003221	0.11541334	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.03415998	0.20259582	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01868645	0.10710865	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02328662	0.1354963	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.08602578	0.5226597	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.09371921	0.5701359	5.06E-05	0.0067258	-0.7829
9mo_SIGAF3_	0.01621996	0.09188799	3.98E-05	0.0058806	0.080526
9mo_SIGAF3_	0.07084709	0.42899203	5.71E-05	0.011574	0.23476
9mo_SIGAF3_	0.03219951	0.19049779	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.01136232	0.06191147	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01007881	0.05399092	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.03511057	0.20846193	4.72E-05	0.0045646	-0.10068
9mo_SIGAF3_	0.02393594	0.13950329	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.0204413	0.11793783	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02608419	0.15276013	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02139178	0.12380329	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.0850173	0.51643634	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.07041697	0.42633775	5.76E-05	0.011297	0.23016
9mo_SIGAF3_	0.01992446	0.11474843	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01992036	0.1147231	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.04340265	0.25963238	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.02679539	0.15714896	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.09461763	0.57567996	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.01828655	0.10464092	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.04060404	0.24236213	4.99E-05	0.0046177	-0.058715
9mo_SIGAF3_	0.03168343	0.18731305	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.01357162	0.07554507	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.04402633	0.26348105	5.25E-05	0.0047605	-0.035266
9mo_SIGAF3_	0.08361092	0.50775754	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.03329703	0.19727059	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.02170058	0.12570888	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.08026013	0.48707986	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.01031972	0.05547756	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02156922	0.12489826	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.07862109	0.47696537	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.09083606	0.5523439	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.02346992	0.13662748	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02977984	0.17556597	4.53E-05	0.0046846	-0.12301

9mo_SIGAF3_	0.09923615	0.6041809	5.49E-05	0.0043938	-1.1701
9mo_SIGAF3_	0.06404119	0.38699278	6.27E-05	0.0084357	0.14015
9mo_SIGAF3_	0.07724956	0.4685017	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.01275913	0.0705312	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.03477369	0.20638305	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.00721661	0.03632829	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.0669682	0.4050554	6.07E-05	0.0096573	0.19037
9mo_SIGAF3_	0.01136916	0.06195365	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.08943523	0.5436994	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.01844302	0.10560644	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.03862567	0.23015358	4.89E-05	0.0045836	-0.076088
9mo_SIGAF3_	0.02908724	0.17129196	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02434544	0.1420303	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.02969679	0.1750535	4.53E-05	0.0046846	-0.12301
9mo_SIGAF3_	0.01864762	0.10686908	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02879329	0.16947801	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.04975091	0.29880747	5.73E-05	0.0051543	0.0010449
9mo_SIGAF3_	0.09294723	0.56537193	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.02102219	0.12152255	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.03582475	0.21286911	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.14832313	0.9070967	7.66E-05	0.0046847	-1.1037
9mo_SIGAF3_	0.02469928	0.14421386	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02917528	0.17183527	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.06698073	0.4051327	6.07E-05	0.0096573	0.19037
9mo_SIGAF3_	0.0212018	0.12263092	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.06635055	0.40124387	6.12E-05	0.0093985	0.17407
9mo_SIGAF3_	0.02273383	0.13208504	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.01142087	0.06227279	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.08155743	0.49508554	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.05951143	0.35903963	6.37E-05	0.0067983	0.080679
9mo_SIGAF3_	0.02297721	0.13358697	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.0787952	0.4780398	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.02106296	0.12177411	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.02537487	0.1483829	4.38E-05	0.0049138	-0.10813
9mo_SIGAF3_	0.09188678	0.55882794	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.0123373	0.06792808	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02348135	0.136698	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.05750138	0.3466356	6.32E-05	0.0064035	0.057806
9mo_SIGAF3_	0.03438513	0.20398526	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.02174899	0.12600763	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01175668	0.06434504	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01612482	0.09130088	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01103249	0.05987605	3.71E-05	0.0066957	0.2858

9mo_SIGAF3_	0.02595593	0.15196861	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.030147	0.17783177	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.08751478	0.5318483	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.07928764	0.48107865	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.03602974	0.21413411	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.09401806	0.57198	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.08018408	0.48661056	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.0206428	0.11918133	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.0275561	0.16184331	4.46E-05	0.0047834	-0.12024
9mo_SIGAF3_	0.02080165	0.12016156	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01984836	0.1142788	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02498178	0.14595719	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.05039896	0.30280662	5.83E-05	0.0052672	0.0043724
9mo_SIGAF3_	0.01412168	0.07893948	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0176176	0.10051282	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01427471	0.07988382	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.01201598	0.06594517	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01908358	0.10955934	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01182477	0.06476522	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.08519878	0.51755625	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.02747333	0.16133253	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.03366735	0.1995558	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02407841	0.14038248	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.0632124	0.38187835	6.33E-05	0.0080056	0.13178
9mo_SIGAF3_	0.01141508	0.06223701	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01468577	0.08242048	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02525901	0.14766797	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.01462832	0.08206594	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.01229984	0.06769692	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01912289	0.10980196	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.06226479	0.37603065	6.36E-05	0.0076138	0.11565
9mo_SIGAF3_	0.01423726	0.07965271	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0750954	0.45520833	5.28E-05	0.013537	0.23858
9mo_SIGAF3_	0.01761848	0.10051824	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.04111207	0.2454972	5.02E-05	0.0046325	-0.054504
9mo_SIGAF3_	0.02575142	0.1507066	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.03072679	0.18140961	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.08849839	0.53791815	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.0294421	0.17348182	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.07772639	0.4714442	5.05E-05	0.014229	0.21153
9mo_SIGAF3_	0.01561367	0.08814652	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.06038163	0.36440963	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.0715721	0.43346605	5.60E-05	0.012118	0.2386

9mo_SIGAF3_	0.00793021	0.04073193	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.07960621	0.4830445	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.0226593	0.13162516	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02488192	0.14534095	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.0362958	0.21577597	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.02011987	0.11595434	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.03007907	0.17741252	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02154694	0.12476076	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01764911	0.10070726	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.03934329	0.23458204	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.02201348	0.12763979	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.03901239	0.23254004	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.00724266	0.03648905	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.01528591	0.08612395	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01234896	0.06799998	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02892274	0.17027684	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.03052618	0.18017164	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.08650629	0.5256249	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.08864895	0.53884727	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.01753796	0.10002133	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.14188448	0.8673637	7.50E-05	0.0048896	-1.0694
9mo_SIGAF3_	0.0863388	0.5245913	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.01516357	0.08536896	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.05718702	0.34469572	6.30E-05	0.0062853	0.05269
9mo_SIGAF3_	0.02315043	0.13465591	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01121414	0.06099705	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.08919213	0.54219925	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.08398847	0.51008743	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.00618211	0.02994441	3.44E-05	0.0077366	0.50694
9mo_SIGAF3_	0.01932417	0.11104404	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01321057	0.07331702	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.02513857	0.1469247	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.03009333	0.17750053	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02069637	0.11951192	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.08852478	0.538081	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.01842023	0.10546584	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.03253062	0.1925411	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.01959695	0.11272738	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.07955796	0.48274675	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.08599256	0.5224547	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.01996246	0.11498293	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.00935992	0.04955463	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.05106228	0.30689994	5.87E-05	0.0053288	0.0077602

9mo_SIGAF3_	0.05290353	0.31826225	6.01E-05	0.0055357	0.018414
9mo_SIGAF3_	0.08951609	0.5441984	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.09405945	0.5722354	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.05198724	0.31260788	5.92E-05	0.0053939	0.014768
9mo_SIGAF3_	0.04235975	0.2531966	5.13E-05	0.0046879	-0.04643
9mo_SIGAF3_	0.0319395	0.18889323	4.60E-05	0.0046154	-0.11821
9mo_SIGAF3_	0.04420046	0.26455563	5.25E-05	0.0047605	-0.035266
9mo_SIGAF3_	0.0200397	0.11545959	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.07814885	0.47405118	5.01E-05	0.014289	0.20103
9mo_SIGAF3_	0.05832289	0.35170516	6.34E-05	0.0065282	0.068735
9mo_SIGAF3_	0.08421402	0.5114793	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.02786334	0.16373926	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01187429	0.06507082	3.74E-05	0.0065941	0.24064
9mo_SIGAF3_	0.09605805	0.5845688	5.24E-05	0.0054581	-0.9515
9mo_SIGAF3_	0.042398	0.25343266	5.13E-05	0.0046879	-0.04643
9mo_SIGAF3_	0.02672762	0.15673071	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.08476367	0.5148712	4.76E-05	0.012404	-0.069378
9mo_SIGAF3_	0.07107616	0.43040556	5.65E-05	0.011849	0.23476
9mo_SIGAF3_	0.07847438	0.47606003	5.01E-05	0.014289	0.18889
9mo_SIGAF3_	0.03578786	0.21264148	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.0897345	0.54554623	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.09089927	0.55273396	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.06360594	0.38430688	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.01812147	0.10362218	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.09445597	0.5746824	5.13E-05	0.0061762	-0.82618
9mo_SIGAF3_	0.01655579	0.09396039	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.05453519	0.32833126	6.14E-05	0.0057798	0.030074
9mo_SIGAF3_	0.01888073	0.10830759	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.08976663	0.5457445	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.0142055	0.07945671	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0977908	0.59526163	5.36E-05	0.0048658	-1.1032
9mo_SIGAF3_	0.08930954	0.54292375	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.05667747	0.34155127	6.27E-05	0.0061731	0.047788
9mo_SIGAF3_	0.01439093	0.08060101	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02074057	0.11978462	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.0367911	0.21883248	4.79E-05	0.0045625	-0.088896
9mo_SIGAF3_	0.02040751	0.11772931	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01347613	0.07495579	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.09803877	0.59679186	5.36E-05	0.0048658	-1.1032
9mo_SIGAF3_	0.08358126	0.50757456	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.08865166	0.53886396	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.08098359	0.49154434	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.02508255	0.14657904	4.38E-05	0.0049138	-0.10343

9mo_SIGAF3_	0.01984925	0.11428431	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.08305018	0.50429726	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.00777202	0.03975573	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.00732386	0.03699012	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.01625606	0.09211074	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01002632	0.05366702	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.02897368	0.17059118	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.08287545	0.503219	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.07109068	0.43049523	5.65E-05	0.011849	0.23476
9mo_SIGAF3_	0.08196852	0.49762237	4.81E-05	0.013778	0.078055
9mo_SIGAF3_	0.01081548	0.05853688	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01228294	0.06759259	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01575851	0.08904032	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01882584	0.10796882	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.07459833	0.4521409	5.33E-05	0.013335	0.24193
9mo_SIGAF3_	0.04549227	0.2725274	5.34E-05	0.0048194	-0.024952
9mo_SIGAF3_	0.02423985	0.14137872	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.07867272	0.47728395	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.03277971	0.1940782	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.03887344	0.23168258	4.89E-05	0.0045836	-0.071721
9mo_SIGAF3_	0.0830567	0.5043375	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.09512296	0.5787984	5.16E-05	0.0059226	-0.91061
9mo_SIGAF3_	0.09332483	0.5677021	5.06E-05	0.0067258	-0.73907
9mo_SIGAF3_	0.01747789	0.09965061	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01605975	0.09089931	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.08698446	0.5285757	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.03396575	0.20139726	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.00847088	0.04406841	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.02291649	0.13321227	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.04448135	0.26628897	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.02559057	0.14971402	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.08263595	0.50174105	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.01072689	0.05799022	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02116438	0.12239999	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03793874	0.22591458	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.09091212	0.5528133	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.01646135	0.09337758	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0795259	0.48254892	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.07532916	0.45665082	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.01530493	0.08624131	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.0226766	0.13173193	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.03625279	0.21551058	4.77E-05	0.0045615	-0.092976
9mo_SIGAF3_	0.01957202	0.1125735	4.16E-05	0.0053955	-0.012659

9mo_SIGAF3_	0.10064726	0.6128889	5.58E-05	0.0041426	-1.2563
9mo_SIGAF3_	0.01453172	0.08146982	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.01667858	0.09471808	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01045894	0.05633667	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02276193	0.13225846	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.09185385	0.5586247	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.08513992	0.517193	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.02811689	0.16530392	4.48E-05	0.0047558	-0.12174
9mo_SIGAF3_	0.01704621	0.09698675	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.03610535	0.21460073	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.02102088	0.12151443	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.06523418	0.39435473	6.20E-05	0.0089013	0.15715
9mo_SIGAF3_	0.09205852	0.5598877	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.01497459	0.08420277	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02227569	0.1292579	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.08686534	0.5278406	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.07239628	0.43855205	5.54E-05	0.012382	0.24373
9mo_SIGAF3_	0.08920655	0.54228824	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.02495566	0.14579596	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.01823239	0.10430666	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.09276718	0.56426084	5.02E-05	0.0070215	-0.69483
9mo_SIGAF3_	0.01652499	0.09377031	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.08593261	0.5220847	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.02312662	0.13450895	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02208597	0.1280871	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01698911	0.09663437	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.06434947	0.38889515	6.27E-05	0.0084357	0.14863
9mo_SIGAF3_	0.08004627	0.48576018	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.09134821	0.5555044	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.09477676	0.57666194	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.08623163	0.52392995	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.01896515	0.10882855	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.06006376	0.36244807	6.37E-05	0.0069445	0.087064
9mo_SIGAF3_	0.08409826	0.51076496	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.08207208	0.49826142	4.81E-05	0.013778	0.078055
9mo_SIGAF3_	0.01932371	0.11104117	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01969058	0.11330517	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.0326291	0.1931488	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.08660041	0.5262057	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.02214154	0.12843007	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.01508181	0.08486442	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.03244605	0.1920192	4.62E-05	0.0046026	-0.11603
9mo_SIGAF3_	0.01949698	0.11211047	4.16E-05	0.0053955	-0.012659

9mo_SIGAF3_	0.02535752	0.14827588	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08501297	0.51640964	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.07683223	0.4659263	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.03368456	0.19966203	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02835291	0.1667604	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.08562081	0.52016056	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.02485165	0.14515416	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.07126267	0.43155652	5.65E-05	0.011849	0.23476
9mo_SIGAF3_	0.02193291	0.12714261	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.03188244	0.18854116	4.60E-05	0.0046154	-0.11821
9mo_SIGAF3_	0.08345713	0.5068085	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.02846604	0.16745852	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.00988649	0.05280411	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01864402	0.10684683	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.04039612	0.24107903	4.99E-05	0.0046177	-0.063007
9mo_SIGAF3_	0.01947671	0.11198539	4.14E-05	0.0054571	-0.012659
9mo_SIGAF3_	0.02217232	0.12862001	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.02841317	0.16713226	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.00921095	0.04863536	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.01752874	0.09996446	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02943513	0.17343879	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.02957874	0.17432503	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.07189515	0.43545955	5.60E-05	0.012118	0.24161
9mo_SIGAF3_	0.02312029	0.13446991	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01519696	0.08557501	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.0923688	0.5618025	4.99E-05	0.0073308	-0.69483
9mo_SIGAF3_	0.04291848	0.25664455	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.03482517	0.20670071	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.02033059	0.11725465	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.08882414	0.5399284	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.00879504	0.04606875	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.00717617	0.0360787	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.01150647	0.06280103	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01740153	0.0991794	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02648672	0.15524413	4.42E-05	0.0048445	-0.11546
9mo_SIGAF3_	0.08385553	0.50926703	4.77E-05	0.013036	-0.036078
9mo_SIGAF3_	0.01316784	0.0730533	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01292845	0.07157604	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.08774155	0.5332477	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.0239336	0.13948885	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02183009	0.12650809	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.08152959	0.4949137	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.05095333	0.3062276	5.87E-05	0.0053288	0.0077602

9mo_SIGAF3_	0.02432937	0.14193116	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.02359121	0.13737598	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.03402475	0.20176135	4.68E-05	0.0045746	-0.10761
9mo_SIGAF3_	0.01115539	0.06063452	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01281046	0.07084795	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.00990847	0.05293978	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01021678	0.05484231	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.0212922	0.12318876	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03425947	0.20320977	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.10036402	0.61114097	5.58E-05	0.0041426	-1.2296
9mo_SIGAF3_	0.08879531	0.53975046	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.02616599	0.15326495	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.07832307	0.4751263	5.01E-05	0.014289	0.18889
9mo_SIGAF3_	0.01220195	0.0670928	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02148251	0.12436318	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02544275	0.1488018	4.38E-05	0.0049138	-0.10813
9mo_SIGAF3_	0.03310739	0.19610028	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.0306522	0.18094933	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.03395169	0.20131044	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.01626977	0.09219531	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02061636	0.11901813	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01476111	0.08288539	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.07585856	0.45991775	5.18E-05	0.013885	0.23393
9mo_SIGAF3_	0.02368815	0.13797414	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.10121664	0.6164025	5.62E-05	0.0040352	-1.2808
9mo_SIGAF3_	0.15991358	0.97862136	7.87E-05	0.0048117	-1.0738
9mo_SIGAF3_	0.02856646	0.1680782	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.01364994	0.07602838	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02220245	0.12880589	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.04142991	0.24745858	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.01803162	0.10306772	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03576325	0.21248963	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.07720432	0.4682225	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.0804832	0.48845643	4.87E-05	0.014207	0.12269
9mo_SIGAF3_	0.07552529	0.45786119	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.02022231	0.11658649	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02121772	0.12272916	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.04464668	0.26730928	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.03298521	0.19534637	4.64E-05	0.0045915	-0.11352
9mo_SIGAF3_	0.01614209	0.0914074	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01871078	0.10725881	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02282412	0.13264222	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.08926008	0.5426185	4.84E-05	0.0094274	-0.42792

9mo_SIGAF3_	0.07674217	0.4653705	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.04453202	0.26660168	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.03329123	0.19723476	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.01127829	0.06139292	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.06314901	0.38148713	6.33E-05	0.0080056	0.12359
9mo_SIGAF3_	0.02096055	0.12114216	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.08036553	0.48773032	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.0876842	0.5328938	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.02050624	0.11833857	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02251065	0.13070783	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.00860233	0.04487956	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.07312744	0.44306406	5.49E-05	0.012637	0.24489
9mo_SIGAF3_	0.01900143	0.10905244	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02939218	0.17317377	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.01571549	0.08877487	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.02557947	0.14964549	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.04473752	0.26786983	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.05096918	0.30632544	5.87E-05	0.0053288	0.0077602
9mo_SIGAF3_	0.02006881	0.11563923	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01482515	0.08328061	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.06859394	0.41508782	5.93E-05	0.010465	0.21248
9mo_SIGAF3_	0.03383194	0.20057152	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02303454	0.13394076	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.08666018	0.5265746	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.03260815	0.1930195	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.01555803	0.08780318	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.03410458	0.20225397	4.68E-05	0.0045746	-0.10761
9mo_SIGAF3_	0.02359883	0.13742301	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01317368	0.07308935	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.08533987	0.5184269	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.02220731	0.12883589	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02124268	0.12288315	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03238438	0.1916386	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.01683113	0.09565949	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.05305531	0.3191989	6.01E-05	0.0055357	0.022172
9mo_SIGAF3_	0.03566541	0.21188582	4.74E-05	0.0045622	-0.096915
9mo_SIGAF3_	0.08885872	0.54014176	4.84E-05	0.0094274	-0.3844
9mo_SIGAF3_	0.02047521	0.11814711	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.07483816	0.4536209	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.02474158	0.14447486	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02070096	0.11954024	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.03283478	0.19441801	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.00801213	0.04123741	3.53E-05	0.0073641	0.43054

9mo_SIGAF3_	0.09303743	0.5659286	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.03010957	0.17760074	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.0180479	0.1031682	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03755566	0.22355059	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.01294248	0.07166262	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02689362	0.1577551	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.0539104	0.3244757	6.10E-05	0.005694	0.026054
9mo_SIGAF3_	0.08215784	0.49879062	4.81E-05	0.013778	0.05262
9mo_SIGAF3_	0.07674201	0.46536955	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.0331081	0.19610472	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.02137017	0.12366989	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01762045	0.1005304	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02944565	0.17350374	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.08047762	0.488422	4.87E-05	0.014207	0.12269
9mo_SIGAF3_	0.03098152	0.18298157	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.02278189	0.13238166	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.08606881	0.5229252	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.0830024	0.50400245	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.02849102	0.16761269	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.0825299	0.5010866	4.79E-05	0.013563	0.05262
9mo_SIGAF3_	0.07854159	0.4764748	5.01E-05	0.014289	0.18889
9mo_SIGAF3_	0.01943321	0.11171694	4.14E-05	0.0054571	-0.012659
9mo_SIGAF3_	0.11171468	0.6811859	6.34E-05	0.0038331	-1.3299
9mo_SIGAF3_	0.02788894	0.16389728	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.021796	0.12629773	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02359988	0.13742945	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.03449573	0.20466778	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.04522162	0.27085721	5.34E-05	0.0048194	-0.028317
9mo_SIGAF3_	0.02136004	0.12360738	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.09642097	0.5868084	5.24E-05	0.0054581	-0.99133
9mo_SIGAF3_	0.00909269	0.04790554	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.0111894	0.06084436	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.00977644	0.05212498	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01988431	0.11450068	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.00787471	0.0403894	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.05192088	0.31219834	5.92E-05	0.0053939	0.014768
9mo_SIGAF3_	0.07907121	0.47974306	4.97E-05	0.014318	0.17506
9mo_SIGAF3_	0.0729813	0.44216222	5.49E-05	0.012637	0.24489
9mo_SIGAF3_	0.03228005	0.1909948	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02150603	0.1245083	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.0343493	0.20376413	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.02446687	0.14277966	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01310159	0.07264449	3.83E-05	0.0063061	0.19734

9mo_SIGAF3_	0.037131	0.22093	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.02416697	0.140929	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.05733326	0.34559816	6.30E-05	0.0062853	0.057806
9mo_SIGAF3_	0.07558347	0.4582202	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.00942074	0.04993	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.03084624	0.18214677	4.57E-05	0.0046464	-0.12145
9mo_SIGAF3_	0.03034063	0.17902665	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.00571276	0.02704801	3.41E-05	0.0078664	0.53284
9mo_SIGAF3_	0.0214329	0.124057	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.04519522	0.27069432	5.34E-05	0.0048194	-0.028317
9mo_SIGAF3_	0.01210762	0.06651072	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.00936743	0.04960101	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.01104544	0.059956	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01676618	0.09525866	4.00E-05	0.0058035	0.063215
9mo_SIGAF3_	0.08571434	0.52073777	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.02150695	0.12451398	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02676824	0.1569814	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.03319956	0.19666906	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.08964278	0.54498017	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.09426599	0.57351	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.09090073	0.552743	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.04464143	0.26727688	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.02123991	0.12286606	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.09336198	0.56793135	5.06E-05	0.0067258	-0.73907
9mo_SIGAF3_	0.02245391	0.1303577	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.0196144	0.11283508	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01733453	0.09876598	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.04335019	0.25930864	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.0186562	0.10692198	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.0291683	0.17179221	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.07506282	0.45500728	5.28E-05	0.013537	0.23858
9mo_SIGAF3_	0.09380675	0.570676	5.09E-05	0.0064439	-0.7829
9mo_SIGAF3_	0.06266687	0.37851188	6.35E-05	0.0078047	0.12359
9mo_SIGAF3_	0.07721715	0.46830162	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.03417071	0.20266202	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01501157	0.08443099	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.04430622	0.2652083	5.25E-05	0.0047605	-0.031751
9mo_SIGAF3_	0.0192182	0.11039009	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01926898	0.11070346	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.06582593	0.39800644	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.02767581	0.16258201	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.09074976	0.55181134	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.01938407	0.11141369	4.14E-05	0.0054571	0.0010121

9mo_SIGAF3_	0.01580819	0.08934694	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.02699072	0.15835434	4.44E-05	0.004813	-0.11816
9mo_SIGAF3_	0.01175727	0.06434868	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.02058346	0.11881514	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01788084	0.10213727	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03579487	0.21268474	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.07723332	0.4684014	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.03344819	0.1982034	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.0357856	0.21262752	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.01063996	0.05745376	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.03389445	0.20095724	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02919253	0.17194168	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.02823733	0.16604717	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.03923629	0.23392174	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.09419791	0.5730899	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.0160114	0.09060092	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.0296765	0.17492828	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.02286072	0.13286808	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.06023345	0.3634952	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.03116634	0.18412209	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.07508978	0.45517367	5.28E-05	0.013537	0.23858
9mo_SIGAF3_	0.02544851	0.14883737	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.01929283	0.11085066	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02096439	0.12116584	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02236377	0.12980144	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.08223864	0.4992893	4.81E-05	0.013778	0.05262
9mo_SIGAF3_	0.01636464	0.0927808	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01277137	0.0706067	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02234285	0.12967232	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.00973846	0.05189064	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01855363	0.10628904	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.08841017	0.5373737	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.02944681	0.17351085	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.07760011	0.4706649	5.05E-05	0.014229	0.21153
9mo_SIGAF3_	0.07932266	0.48129475	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.08881865	0.5398945	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.06480975	0.39173555	6.24E-05	0.0086643	0.15715
9mo_SIGAF3_	0.02358297	0.13732512	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.03524846	0.20931286	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.08092409	0.49117714	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.01922159	0.11041104	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01978615	0.1138949	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02030537	0.11709902	4.19E-05	0.0053364	-0.025531

9mo_SIGAF3_	0.01666421	0.09462944	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02487279	0.1452846	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.02899594	0.17072853	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.04370857	0.2615202	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.03816405	0.22730497	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.017229	0.09811471	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.01554018	0.08769307	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02380953	0.13872322	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.01959863	0.11273776	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01126289	0.06129786	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01807217	0.10331794	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.08074748	0.4900873	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.02220789	0.12883946	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.05847684	0.3526552	6.34E-05	0.0065282	0.068735
9mo_SIGAF3_	0.08648457	0.5254909	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.06441353	0.38929048	6.27E-05	0.0084357	0.14863
9mo_SIGAF3_	0.09016273	0.5481888	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.07678542	0.46563748	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.01599666	0.09050996	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.0300812	0.17742571	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.04466553	0.26742563	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.07928339	0.4810524	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.0822096	0.49911007	4.81E-05	0.013778	0.05262
9mo_SIGAF3_	0.08138458	0.49401885	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.03617047	0.21500255	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.03541947	0.21036816	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.08173126	0.4961582	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.05200377	0.31270987	5.92E-05	0.0053939	0.014768
9mo_SIGAF3_	0.00747775	0.03793978	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.0207979	0.12013842	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02256036	0.13101457	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.05878263	0.3545422	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.06365752	0.38462517	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.01170706	0.06403886	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.03299221	0.19538954	4.64E-05	0.0045915	-0.11352
9mo_SIGAF3_	0.06659019	0.4027227	6.12E-05	0.0093985	0.18233
9mo_SIGAF3_	0.01816785	0.10390841	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.06582472	0.39799893	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.02991751	0.17641559	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02697764	0.15827362	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02857348	0.16812153	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.09463498	0.57578707	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.08831742	0.5368014	4.82E-05	0.0098057	-0.3415

9mo_SIGAF3_	0.01147356	0.06259792	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.04279777	0.25589967	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.03365887	0.19950348	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.06157198	0.3717553	6.37E-05	0.0074328	0.10802
9mo_SIGAF3_	0.06542084	0.3955066	6.20E-05	0.0089013	0.16566
9mo_SIGAF3_	0.01970291	0.11338123	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01860822	0.10662594	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02633718	0.15432131	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02970706	0.17511688	4.53E-05	0.0046846	-0.12301
9mo_SIGAF3_	0.09064446	0.5511615	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.02747132	0.16132012	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.06727324	0.4069378	6.03E-05	0.009922	0.19037
9mo_SIGAF3_	0.09843922	0.599263	5.40E-05	0.0046955	-1.1375
9mo_SIGAF3_	0.02383712	0.13889344	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.01628358	0.09228057	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02234099	0.12966083	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02536344	0.1483124	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.09338959	0.56810176	5.06E-05	0.0067258	-0.73907
9mo_SIGAF3_	0.02586819	0.1514272	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.01059042	0.05714808	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02013428	0.11604325	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.03662181	0.2177878	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.02509839	0.14667673	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08655506	0.5259259	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.01244243	0.0685768	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02519967	0.14730173	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.01060727	0.05725207	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.0723612	0.4383356	5.54E-05	0.012382	0.24373
9mo_SIGAF3_	0.05681474	0.34239835	6.27E-05	0.0061731	0.05269
9mo_SIGAF3_	0.02292381	0.1332574	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.04961853	0.29799056	5.73E-05	0.0051543	-0.0022352
9mo_SIGAF3_	0.02504531	0.14634922	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08728943	0.5304577	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.02054041	0.11854944	4.19E-05	0.0053364	-0.037579
9mo_SIGAF3_	0.08029136	0.48727262	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.08506943	0.516758	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.01621759	0.09187332	3.98E-05	0.0058806	0.080526
9mo_SIGAF3_	0.09000366	0.5472072	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.0158601	0.08966725	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.08426841	0.51181495	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.02219275	0.12874609	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.01453546	0.08149291	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.08314073	0.50485605	4.78E-05	0.013315	0.02505

9mo_SIGAF3_	0.01494686	0.08403163	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.03707606	0.220591	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.09320344	0.566953	5.06E-05	0.0067258	-0.73907
9mo_SIGAF3_	0.02344582	0.13647878	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.1282508	0.78323025	7.05E-05	0.0055477	-0.96173
9mo_SIGAF3_	0.02436665	0.1421612	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.07215344	0.4370535	5.54E-05	0.012382	0.24161
9mo_SIGAF3_	0.07317589	0.44336304	5.43E-05	0.012883	0.24489
9mo_SIGAF3_	0.09392513	0.57140654	5.09E-05	0.0064439	-0.7829
9mo_SIGAF3_	0.0213312	0.12342943	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03777911	0.2249295	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.01732676	0.09871803	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01926347	0.11066947	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.00677464	0.03360086	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.0658085	0.39789885	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.0213608	0.1236121	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01893317	0.10863117	4.11E-05	0.0055212	0.0010121
9mo_SIGAF3_	0.02803017	0.16476876	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.02518075	0.14718501	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.0653248	0.39491394	6.20E-05	0.0089013	0.15715
9mo_SIGAF3_	0.03236298	0.19150655	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02033138	0.11725956	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01379868	0.07694621	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01365031	0.07603066	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01213195	0.06666084	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.07709409	0.46754223	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.0151681	0.08539692	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01810494	0.10352019	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.08342527	0.50661194	4.78E-05	0.013315	-0.0045591
9mo_SIGAF3_	0.0171776	0.09779756	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02598903	0.15217292	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.01918668	0.11019558	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08183606	0.49680495	4.81E-05	0.013778	0.078055
9mo_SIGAF3_	0.01661995	0.09435631	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0298847	0.17621312	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.05729581	0.34536704	6.30E-05	0.0062853	0.057806
9mo_SIGAF3_	0.08985305	0.54627776	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.08982897	0.54612917	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.01949401	0.11209211	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02596014	0.15199462	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.02376961	0.13847686	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.03163107	0.18698992	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.01650182	0.0936273	4.00E-05	0.0058035	0.080526

9mo_SIGAF3_	0.02641735	0.15481605	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02120368	0.1226425	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01682927	0.09564803	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.08449718	0.5132267	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.07851052	0.47628304	5.01E-05	0.014289	0.18889
9mo_SIGAF3_	0.08157977	0.49522337	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.08295785	0.5037275	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.09435559	0.57406294	5.13E-05	0.0061762	-0.82618
9mo_SIGAF3_	0.03953357	0.23575623	4.92E-05	0.0045932	-0.067351
9mo_SIGAF3_	0.02222063	0.12891808	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.04990364	0.29974994	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.0458626	0.2748127	5.39E-05	0.0048522	-0.024952
9mo_SIGAF3_	0.01825881	0.1044697	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.05346063	0.32170016	6.05E-05	0.0056127	0.026054
9mo_SIGAF3_	0.01567225	0.08850802	3.95E-05	0.0059603	0.098494
9mo_SIGAF3_	0.02035033	0.11737648	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01853281	0.10616057	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02196668	0.12735097	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.08918996	0.54218584	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.09973017	0.6072295	5.53E-05	0.004262	-1.2008
9mo_SIGAF3_	0.08867925	0.53903425	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.02069197	0.11948475	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.08360398	0.50771475	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.01404822	0.07848612	3.86E-05	0.0062156	0.1561
9mo_SIGAF3_	0.06600783	0.39912894	6.16E-05	0.0091463	0.17407
9mo_SIGAF3_	0.02339201	0.13614668	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01897487	0.10888854	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.07242727	0.43874332	5.54E-05	0.012382	0.24373
9mo_SIGAF3_	0.02856266	0.16805477	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.02107216	0.12183092	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.04933696	0.296253	5.73E-05	0.0051543	-0.0022352
9mo_SIGAF3_	0.04205018	0.25128627	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.02452867	0.14316101	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02096235	0.12115324	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.06713142	0.40606257	6.07E-05	0.0096573	0.19037
9mo_SIGAF3_	0.01758364	0.10030325	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.04855719	0.29144102	5.63E-05	0.005054	-0.0087048
9mo_SIGAF3_	0.02364529	0.13770966	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02304017	0.13397548	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01638258	0.09289151	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.068933	0.41718018	5.87E-05	0.010741	0.21248
9mo_SIGAF3_	0.0105736	0.0570443	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.05464792	0.3290269	6.14E-05	0.0057798	0.034245

9mo_SIGAF3_	0.08948789	0.54402435	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.03265926	0.19333489	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.03161242	0.18687484	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.07553966	0.45794985	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.10329572	0.62923247	5.78E-05	0.003724	-1.3542
9mo_SIGAF3_	0.07900267	0.4793201	4.97E-05	0.014318	0.17506
9mo_SIGAF3_	0.01226024	0.06745251	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02713576	0.15924935	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.01910261	0.10967678	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08409426	0.5107402	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.07916687	0.4803334	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.02407941	0.14038865	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.08286192	0.5031355	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.01552042	0.08757108	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.07018568	0.42491043	5.76E-05	0.011297	0.22487
9mo_SIGAF3_	0.09189171	0.55885834	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.08293635	0.50359476	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.0076315	0.03888859	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.03056855	0.18043314	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01272252	0.07030528	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.07332899	0.44430783	5.43E-05	0.012883	0.24489
9mo_SIGAF3_	0.02316409	0.13474017	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.00901369	0.04741806	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.01474707	0.08279876	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.01660337	0.09425397	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02661225	0.1560188	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.09284882	0.5647647	5.02E-05	0.0070215	-0.69483
9mo_SIGAF3_	0.02531242	0.14799753	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.01179245	0.0645658	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01151703	0.0628662	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.07811946	0.4738698	5.01E-05	0.014289	0.20103
9mo_SIGAF3_	0.0181082	0.10354031	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02153053	0.12465948	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.07542485	0.45724136	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.07888213	0.47857624	4.97E-05	0.014318	0.17506
9mo_SIGAF3_	0.09135453	0.55554336	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.02154873	0.12477178	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.00442494	0.01910086	3.35E-05	0.0081345	0.58516
9mo_SIGAF3_	0.08036285	0.48771375	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.0209699	0.12119983	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.04146572	0.24767955	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.0155697	0.08787521	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02115921	0.12236807	4.24E-05	0.0052258	-0.04878

9mo_SIGAF3_	0.02184485	0.1265992	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01863051	0.10676348	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.08215529	0.4987749	4.81E-05	0.013778	0.05262
9mo_SIGAF3_	0.03271999	0.19370969	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.02026733	0.11686426	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.0190072	0.109088	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.0874138	0.53122514	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.09236252	0.5617637	4.99E-05	0.0073308	-0.69483
9mo_SIGAF3_	0.0196445	0.11302083	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.09103058	0.5535443	4.93E-05	0.0079874	-0.56091
9mo_SIGAF3_	0.04195926	0.25072515	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.0267177	0.15666954	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.08501813	0.51644146	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.0540167	0.32513165	6.10E-05	0.005694	0.030074
9mo_SIGAF3_	0.01632167	0.09251563	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02451516	0.14307763	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.09410129	0.5724936	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.02950281	0.17385644	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.02811153	0.16527086	4.48E-05	0.0047558	-0.12174
9mo_SIGAF3_	0.01782676	0.10180351	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.01168923	0.0639288	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01734618	0.09883784	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01334994	0.07417708	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.03201693	0.18937105	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0099333	0.05309295	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01783737	0.10186902	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.02879672	0.16949916	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02463439	0.14381343	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.0195062	0.11216737	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.09020956	0.54847777	4.88E-05	0.0086895	-0.51631
9mo_SIGAF3_	0.00547158	0.02555971	3.41E-05	0.0078664	0.53284
9mo_SIGAF3_	0.08787847	0.5340926	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.08399066	0.5101009	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.03504036	0.20802869	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.01199072	0.06578933	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01612942	0.09132921	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.0945286	0.5751306	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.02727061	0.16008152	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.01425473	0.07976051	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02760319	0.16213387	4.46E-05	0.0047834	-0.12024
9mo_SIGAF3_	0.06241543	0.37696022	6.35E-05	0.0078047	0.11565
9mo_SIGAF3_	0.02415527	0.1408568	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02588741	0.1515458	4.40E-05	0.0048781	-0.10813

9mo_SIGAF3_	0.02914744	0.17166345	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02377707	0.13852288	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.01365991	0.07608991	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02026559	0.11685353	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.0105162	0.05669005	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02212044	0.12829985	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01358648	0.07563675	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.07777157	0.47172296	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.03837809	0.22862577	4.87E-05	0.0045758	-0.076088
9mo_SIGAF3_	0.03940164	0.23494211	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.08524863	0.51786387	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.03449218	0.20464584	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.07616061	0.46178174	5.18E-05	0.013885	0.22792
9mo_SIGAF3_	0.02003469	0.11542866	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.0273803	0.1607584	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.03134221	0.18520735	4.58E-05	0.00463	-0.12002
9mo_SIGAF3_	0.0197295	0.11354536	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.03918067	0.23357853	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.03813472	0.22712393	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.09608591	0.5847407	5.24E-05	0.0054581	-0.9515
9mo_SIGAF3_	0.06623766	0.4005472	6.12E-05	0.0093985	0.17407
9mo_SIGAF3_	0.0443782	0.26565248	5.25E-05	0.0047605	-0.031751
9mo_SIGAF3_	0.02797123	0.1644051	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.08129224	0.49344903	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.01380058	0.07695796	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02077916	0.12002281	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.08408445	0.5106797	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.01702671	0.09686642	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02919907	0.17198208	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.02681716	0.15728332	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02583223	0.15120526	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.0929786	0.5655655	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.0850213	0.516461	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.01121664	0.06101244	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.02593492	0.15183902	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.03223348	0.19070742	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.01530801	0.08626032	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.00705944	0.03535837	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.02154939	0.12477589	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.06803855	0.41166052	5.98E-05	0.010192	0.19812
9mo_SIGAF3_	0.01901429	0.10913175	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02917466	0.17183141	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.02715582	0.1593732	4.46E-05	0.0047834	-0.11816

9mo_SIGAF3_	0.02593291	0.15182662	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.02660131	0.15595128	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01583307	0.08950049	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01367198	0.0761644	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02106332	0.12177634	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.08992355	0.5467128	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.07270519	0.44045833	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.08050383	0.48858374	4.87E-05	0.014207	0.12269
9mo_SIGAF3_	0.08080541	0.49044478	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.07711325	0.4676605	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.07606861	0.461214	5.18E-05	0.013885	0.23393
9mo_SIGAF3_	0.01430209	0.08005277	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.06257606	0.37795144	6.35E-05	0.0078047	0.11565
9mo_SIGAF3_	0.02046051	0.11805637	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02011893	0.11594848	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.08647486	0.5254309	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.0243928	0.14232258	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.03595555	0.21367626	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.01507357	0.08481361	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.08825938	0.53644323	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.02641328	0.15479098	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.09466248	0.57595676	5.13E-05	0.0061762	-0.8688
9mo_SIGAF3_	0.02505882	0.14643255	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.07451624	0.45163432	5.33E-05	0.013335	0.24406
9mo_SIGAF3_	0.01894242	0.10868829	4.11E-05	0.0055212	0.0010121
9mo_SIGAF3_	0.02199361	0.12751718	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01781206	0.10171282	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.03611733	0.21467467	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.04020819	0.23991932	4.99E-05	0.0046177	-0.063007
9mo_SIGAF3_	0.02112714	0.12217019	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.07704967	0.4672681	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.09408131	0.57237035	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.07789493	0.47248426	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.09294964	0.56538683	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.0251031	0.14670585	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02514361	0.14695585	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.06885386	0.41669175	5.87E-05	0.010741	0.21248
9mo_SIGAF3_	0.06555741	0.39634937	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.01734948	0.09885821	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.08892813	0.5405701	4.84E-05	0.0094274	-0.3844
9mo_SIGAF3_	0.08624324	0.52400166	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.01044657	0.05626039	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.0479874	0.28792486	5.58E-05	0.0050083	-0.01192

9mo_SIGAF3_	0.01441384	0.0807424	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.01938242	0.11140348	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01306883	0.07244235	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0268055	0.15721135	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.08920638	0.5422872	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.02160944	0.12514642	4.24E-05	0.0052258	-0.059109
9mo_SIGAF3_	0.03786349	0.22545019	4.84E-05	0.0045696	-0.080425
9mo_SIGAF3_	0.08593638	0.52210796	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.02888133	0.17002131	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.01888266	0.1083195	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.09697288	0.5902142	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.08247365	0.5007395	4.79E-05	0.013563	0.05262
9mo_SIGAF3_	0.03460555	0.20534544	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.01624288	0.0920294	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01907291	0.1094935	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.05674917	0.34199372	6.27E-05	0.0061731	0.05269
9mo_SIGAF3_	0.01259205	0.06950012	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0255699	0.14958642	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.04143445	0.2474866	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.0283518	0.16675355	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.08702805	0.52884465	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.01427333	0.07987528	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02700302	0.15843025	4.44E-05	0.004813	-0.11816
9mo_SIGAF3_	0.01712534	0.09747506	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.04127551	0.24650577	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.01247328	0.06876719	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02150849	0.12452351	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01741647	0.09927163	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02475249	0.14454223	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02115346	0.1223326	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.0146783	0.08237436	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.05819637	0.3509244	6.34E-05	0.0065282	0.06315
9mo_SIGAF3_	0.01534867	0.08651123	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02694528	0.1580739	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01635487	0.09272049	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.07938071	0.481653	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.01757342	0.10024015	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01869346	0.1071519	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.07151375	0.43310598	5.65E-05	0.011849	0.2386
9mo_SIGAF3_	0.09419122	0.5730486	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.02299144	0.13367477	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.07422358	0.44982833	5.38E-05	0.013116	0.24406
9mo_SIGAF3_	0.02096789	0.12118746	4.21E-05	0.0052798	-0.037579

9mo_SIGAF3_	0.08830969	0.5367537	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.01026186	0.0551205	3.65E-05	0.0069072	0.30902
9mo_SIGAF3_	0.00707361	0.03544581	3.50E-05	0.0074854	0.45576
9mo_SIGAF3_	0.08970132	0.54534143	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.08944503	0.5437599	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.02311141	0.13441513	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01742431	0.09932002	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.06109614	0.36881885	6.38E-05	0.0072613	0.10072
9mo_SIGAF3_	0.01522615	0.08575518	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01978465	0.11388567	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01039279	0.05592846	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.01503226	0.08455869	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02192556	0.12709722	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.05722125	0.34490696	6.30E-05	0.0062853	0.05269
9mo_SIGAF3_	0.02286935	0.13292134	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.07114181	0.43081072	5.65E-05	0.011849	0.23476
9mo_SIGAF3_	0.07495343	0.45433223	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.01879662	0.10778852	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02027915	0.1169372	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.08938789	0.54340726	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.01408615	0.07872022	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02276374	0.1322696	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02763086	0.16230462	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.0101584	0.05448205	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.02779638	0.16332608	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.02988052	0.1761873	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.06386353	0.38589647	6.30E-05	0.008216	0.14015
9mo_SIGAF3_	0.0173763	0.09902372	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.08933073	0.5430545	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.01566431	0.08845903	3.95E-05	0.0059603	0.098494
9mo_SIGAF3_	0.02110723	0.12204728	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.01759836	0.10039408	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.05193888	0.31230944	5.92E-05	0.0053939	0.014768
9mo_SIGAF3_	0.02843731	0.16728126	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.02084495	0.1204288	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01178539	0.06452221	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.0862338	0.52394336	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.03331603	0.19738783	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.05762873	0.3474215	6.32E-05	0.0064035	0.057806
9mo_SIGAF3_	0.08568721	0.52057034	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.09805763	0.5969082	5.36E-05	0.0048658	-1.1032
9mo_SIGAF3_	0.07344089	0.44499838	5.43E-05	0.012883	0.24489
9mo_SIGAF3_	0.03821225	0.22760238	4.87E-05	0.0045758	-0.080425

9mo_SIGAF3_	0.01181417	0.06469983	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01746011	0.09954093	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02295137	0.13342753	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.07414282	0.44932997	5.38E-05	0.013116	0.24406
9mo_SIGAF3_	0.09728802	0.592159	5.32E-05	0.0050496	-1.0673
9mo_SIGAF3_	0.0100831	0.05401739	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01794501	0.10253325	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.00776122	0.03968905	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.02120316	0.12263928	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.08979993	0.54595	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.01993551	0.11481662	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02072346	0.11967909	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01031307	0.05543656	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.07462775	0.45232245	5.33E-05	0.013335	0.24193
9mo_SIGAF3_	0.03293671	0.19504705	4.64E-05	0.0045915	-0.11352
9mo_SIGAF3_	0.02209133	0.12812017	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01617781	0.09162788	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01881936	0.10792889	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01084643	0.05872789	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.01718799	0.09786164	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02427167	0.1415751	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02411499	0.14060819	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.09224711	0.5610515	4.99E-05	0.0073308	-0.6503
9mo_SIGAF3_	0.07793787	0.47274923	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.08984944	0.54625547	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.06767217	0.40939957	6.03E-05	0.009922	0.19812
9mo_SIGAF3_	0.01448243	0.08116565	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.01511757	0.08508512	3.92E-05	0.0060428	0.11709
9mo_SIGAF3_	0.03862817	0.23016904	4.89E-05	0.0045836	-0.076088
9mo_SIGAF3_	0.05879177	0.35459864	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.07991336	0.48493993	4.90E-05	0.014278	0.15946
9mo_SIGAF3_	0.02214305	0.12843937	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.01864133	0.10683027	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01479667	0.08310481	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.07383194	0.4474115	5.38E-05	0.013116	0.24502
9mo_SIGAF3_	0.01509441	0.08494221	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.0133459	0.07415216	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.06033317	0.3641106	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.02667749	0.15642141	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01906084	0.10941906	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01289189	0.07135043	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.04312789	0.2579368	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.08067022	0.48961052	4.87E-05	0.014207	0.12269

9mo_SIGAF3_	0.09658321	0.58780956	5.28E-05	0.0052469	-0.99133
9mo_SIGAF3_	0.03652519	0.21719156	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.00934246	0.04944689	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.0224176	0.13013358	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.08897108	0.54083514	4.84E-05	0.0094274	-0.3844
9mo_SIGAF3_	0.02789178	0.16391477	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.07690395	0.46636888	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.09069976	0.5515028	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.06839114	0.41383636	5.93E-05	0.010465	0.20551
9mo_SIGAF3_	0.03825352	0.22785705	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.0736815	0.44648317	5.43E-05	0.012883	0.24502
9mo_SIGAF3_	0.01595813	0.09027223	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.06678089	0.40389946	6.07E-05	0.0096573	0.18233
9mo_SIGAF3_	0.08243916	0.50052667	4.79E-05	0.013563	0.05262
9mo_SIGAF3_	0.0121374	0.06669448	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.08656625	0.52599496	4.77E-05	0.011133	-0.21781
9mo_SIGAF3_	0.0949231	0.5775651	5.16E-05	0.0059226	-0.8688
9mo_SIGAF3_	0.01403215	0.07838698	3.86E-05	0.0062156	0.1561
9mo_SIGAF3_	0.0150799	0.08485267	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.03637184	0.21624522	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.02097981	0.12126099	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02208985	0.12811103	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01326513	0.0736537	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01916046	0.1100338	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02408981	0.1404528	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03682376	0.219034	4.79E-05	0.0045625	-0.088896
9mo_SIGAF3_	0.09219801	0.5607485	4.99E-05	0.0073308	-0.6503
9mo_SIGAF3_	0.01274408	0.07043833	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.04924559	0.2956891	5.68E-05	0.0051026	-0.0022352
9mo_SIGAF3_	0.0133611	0.07424592	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.04618754	0.27681792	5.44E-05	0.0048874	-0.021643
9mo_SIGAF3_	0.02460364	0.14362366	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01564942	0.08836716	3.95E-05	0.0059603	0.098494
9mo_SIGAF3_	0.03271325	0.19366805	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.01940527	0.11154451	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01376108	0.07671419	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.03180991	0.18809357	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.09512875	0.5788341	5.16E-05	0.0059226	-0.91061
9mo_SIGAF3_	0.03024696	0.17844857	4.55E-05	0.0046645	-0.12245
9mo_SIGAF3_	0.01748574	0.09969907	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.04435931	0.2655359	5.25E-05	0.0047605	-0.031751
9mo_SIGAF3_	0.08614287	0.52338225	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.08591864	0.5219985	4.76E-05	0.0117	-0.17867

9mo_SIGAF3_	0.02683282	0.15737993	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.07930116	0.4811621	4.93E-05	0.014315	0.17506
9mo_SIGAF3_	0.02295258	0.13343497	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02943696	0.17345007	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.03181851	0.18814662	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.04709319	0.2824067	5.49E-05	0.0049251	-0.01514
9mo_SIGAF3_	0.03498525	0.20768857	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.01388313	0.07746739	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.07772612	0.4714425	5.05E-05	0.014229	0.21153
9mo_SIGAF3_	0.02791856	0.16408005	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01812589	0.10364948	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01722014	0.09806005	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.03631285	0.21588117	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.01911449	0.10975009	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08761634	0.532475	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.01033619	0.0555792	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.01894873	0.10872721	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02569837	0.15037923	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.02256428	0.13103876	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.08017134	0.48653194	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.09074872	0.55180496	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.03055785	0.18036708	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.0090445	0.04760818	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.03010305	0.17756052	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.08270434	0.5021631	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.02312831	0.13451941	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02632675	0.15425697	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02130996	0.12329836	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01056077	0.05696508	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.08818576	0.5359889	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.0107904	0.05838216	3.68E-05	0.0068	0.2858
9mo_SIGAF3_	0.01638377	0.0928988	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.00826022	0.04276842	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.01355469	0.07544057	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.0634907	0.3835957	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.08004377	0.4857447	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.07718223	0.46808618	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.00832724	0.04318199	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.08540397	0.5188225	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.09450346	0.57497543	5.13E-05	0.0061762	-0.82618
9mo_SIGAF3_	0.02411317	0.14059694	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02068155	0.11942045	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.00792394	0.04069322	3.53E-05	0.0073641	0.43054

9mo_SIGAF3_	0.0216886	0.12563495	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.03575366	0.21243043	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.0964765	0.5871511	5.28E-05	0.0052469	-0.99133
9mo_SIGAF3_	0.07955539	0.48273095	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.09686741	0.58956337	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.07539856	0.4570791	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.03684099	0.21914035	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.05503355	0.33140662	6.17E-05	0.0058704	0.034245
9mo_SIGAF3_	0.03301467	0.19552813	4.64E-05	0.0045915	-0.11352
9mo_SIGAF3_	0.1000229	0.6090359	5.53E-05	0.004262	-1.2296
9mo_SIGAF3_	0.01887339	0.10826229	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.09493852	0.5776602	5.16E-05	0.0059226	-0.8688
9mo_SIGAF3_	0.08858065	0.53842574	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.0771035	0.46760035	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.01040119	0.05598033	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.10090797	0.6144977	5.62E-05	0.0040352	-1.2563
9mo_SIGAF3_	0.02263946	0.13150272	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.01890633	0.10846558	4.11E-05	0.0055212	0.0010121
9mo_SIGAF3_	0.02014179	0.11608957	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.09101006	0.5534177	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.02420767	0.1411801	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.01900851	0.10909611	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08851627	0.5380285	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.02824565	0.16609852	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.081512	0.4948052	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.08623248	0.52393526	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.02545286	0.1488642	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.02987988	0.17618334	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.08768914	0.5329243	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.06976433	0.4223103	5.82E-05	0.011019	0.22487
9mo_SIGAF3_	0.07661106	0.46456146	5.13E-05	0.014025	0.22792
9mo_SIGAF3_	0.08695675	0.5284047	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.02770325	0.16275136	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01657229	0.09406219	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.03474782	0.2062234	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.01572094	0.08880853	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01476402	0.08290336	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.01386523	0.07735693	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02268404	0.13177782	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.02039805	0.11767099	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.09407069	0.5723048	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.01358762	0.07564379	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01052389	0.05673751	3.68E-05	0.0068	0.30902

9mo_SIGAF3_	0.01029076	0.05529886	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.01118111	0.06079323	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.08709171	0.52923757	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.0259924	0.15219373	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01644837	0.09329749	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0194173	0.11161872	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.0281712	0.16563907	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.01884391	0.10808034	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02818982	0.16575399	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.03489209	0.20711371	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.0179562	0.10260232	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01822404	0.10425513	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.07891628	0.478787	4.97E-05	0.014318	0.17506
9mo_SIGAF3_	0.01538779	0.08675262	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.06150907	0.37136707	6.37E-05	0.0074328	0.10072
9mo_SIGAF3_	0.02017726	0.11630848	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.06513356	0.39373383	6.20E-05	0.0089013	0.15715
9mo_SIGAF3_	0.02513874	0.14692579	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02347094	0.13663375	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.015171	0.08541483	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.09435376	0.5740516	5.13E-05	0.0061762	-0.82618
9mo_SIGAF3_	0.01437993	0.08053315	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.07444223	0.45117763	5.33E-05	0.013335	0.24406
9mo_SIGAF3_	0.0080233	0.04130637	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.03722644	0.22151893	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.0299222	0.17644447	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.0272191	0.15976365	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.07001506	0.42385754	5.76E-05	0.011297	0.22487
9mo_SIGAF3_	0.01313505	0.07285095	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01835505	0.1050636	4.09E-05	0.0055879	0.015459
9mo_SIGAF3_	0.01324286	0.07351624	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.06571868	0.3973446	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.08974622	0.54561853	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.02488821	0.14537977	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.03228374	0.19101755	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.01838909	0.10527369	4.09E-05	0.0055879	0.015459
9mo_SIGAF3_	0.0171444	0.09759265	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.06607202	0.39952508	6.16E-05	0.0091463	0.17407
9mo_SIGAF3_	0.01952434	0.11227928	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01115444	0.06062863	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.03930858	0.23436786	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.03935942	0.23468156	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.00717044	0.03604338	3.50E-05	0.0074854	0.45576

9mo_SIGAF3_	0.08749127	0.5317032	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.02657365	0.15578058	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02237091	0.12984549	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.09028284	0.54893	4.88E-05	0.0086895	-0.51631
9mo_SIGAF3_	0.03270334	0.1936069	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.00892935	0.04689758	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.01552538	0.08760171	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.04246424	0.2538414	5.13E-05	0.0046879	-0.04643
9mo_SIGAF3_	0.01222155	0.06721379	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01636878	0.09280632	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02218949	0.12872592	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.03523921	0.20925573	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.05090024	0.3059	5.83E-05	0.0052672	0.0077602
9mo_SIGAF3_	0.00897847	0.04720072	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.02725442	0.15998162	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.02203915	0.1277982	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02818845	0.16574556	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.02933725	0.17283478	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.09730928	0.59229016	5.32E-05	0.0050496	-1.0673
9mo_SIGAF3_	0.01925883	0.11064085	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02931156	0.17267622	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.08352544	0.5072301	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.0234147	0.13628672	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.06021575	0.363386	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.08601143	0.52257115	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.01608543	0.09105779	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01334431	0.07414234	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.02908767	0.17129461	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02781964	0.16346963	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.08046497	0.48834398	4.87E-05	0.014207	0.12269
9mo_SIGAF3_	0.02282803	0.13266638	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.07950277	0.4824062	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.02691491	0.15788653	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.05871668	0.35413525	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.02614823	0.15315531	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.08988515	0.5464759	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.02198955	0.12749214	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0217857	0.12623413	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02401229	0.13997442	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03432595	0.20362002	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01095372	0.05939001	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.08502857	0.5165059	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.01619451	0.09173091	3.98E-05	0.0058806	0.080526

9mo_SIGAF3_	0.10895187	0.6641366	6.18E-05	0.0036276	-1.3789
9mo_SIGAF3_	0.00778986	0.03986579	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.00454272	0.01982774	3.35E-05	0.0081345	0.58516
9mo_SIGAF3_	0.01871436	0.1072809	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.07966919	0.48343316	4.90E-05	0.014278	0.15946
9mo_SIGAF3_	0.01999287	0.11517057	4.16E-05	0.0053955	-0.025531
9mo_SIGAF3_	0.08075004	0.49010313	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.08970181	0.5453445	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.02378782	0.13858923	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.04060439	0.24236427	4.99E-05	0.0046177	-0.058715
9mo_SIGAF3_	0.00969471	0.05162065	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.08677546	0.52728593	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.0849994	0.5163259	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.03717722	0.22121522	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.02803814	0.16481793	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.03515671	0.20874667	4.72E-05	0.0045646	-0.10068
9mo_SIGAF3_	0.08756602	0.5321645	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.02505152	0.14638755	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08315219	0.50492674	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.01914792	0.10995638	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.050071	0.30078274	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.01593228	0.09011266	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.08345957	0.5068236	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.05639198	0.33978954	6.27E-05	0.0061731	0.047788
9mo_SIGAF3_	0.08360457	0.50771844	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.03251846	0.19246604	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.03488321	0.2070589	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.03078873	0.18179184	4.57E-05	0.0046464	-0.12145
9mo_SIGAF3_	0.02252003	0.13076574	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.03197251	0.18909696	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0890601	0.54138446	4.84E-05	0.0094274	-0.3844
9mo_SIGAF3_	0.09243374	0.5622032	4.99E-05	0.0073308	-0.69483
9mo_SIGAF3_	0.05731738	0.34550014	6.30E-05	0.0062853	0.057806
9mo_SIGAF3_	0.03104297	0.18336074	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.06206718	0.37481117	6.36E-05	0.0076138	0.10802
9mo_SIGAF3_	0.01840216	0.10535434	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02891346	0.17021956	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.09436002	0.5740903	5.13E-05	0.0061762	-0.82618
9mo_SIGAF3_	0.0121176	0.06657229	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.03701756	0.22022995	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.05574964	0.33582562	6.21E-05	0.005966	0.043089
9mo_SIGAF3_	0.07158306	0.43353364	5.60E-05	0.012118	0.2386
9mo_SIGAF3_	0.01975793	0.11372077	4.16E-05	0.0053955	-0.012659

9mo_SIGAF3_	0.00841721	0.04373721	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.09173472	0.5578895	4.96E-05	0.0076529	-0.60562
9mo_SIGAF3_	0.01407661	0.07866135	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02394841	0.13958025	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02593537	0.15184176	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.01033848	0.05559337	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02194831	0.12723765	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0196529	0.11307265	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.03902699	0.23263018	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.02199077	0.12749964	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01331754	0.0739771	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.00621624	0.03015499	3.44E-05	0.0077366	0.50694
9mo_SIGAF3_	0.03059333	0.18058605	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.07149077	0.43296418	5.65E-05	0.011849	0.2386
9mo_SIGAF3_	0.02433072	0.14193949	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.02339065	0.13613829	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.03126652	0.18474032	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.02126591	0.12302654	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.08549783	0.5194017	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.09127693	0.5550645	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.01723337	0.0981417	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.03250202	0.19236456	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.01601397	0.09061678	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.04840096	0.29047692	5.63E-05	0.005054	-0.0087048
9mo_SIGAF3_	0.0132592	0.07361713	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.05014777	0.30125648	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.01931913	0.11101291	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.05455014	0.32842353	6.14E-05	0.0057798	0.034245
9mo_SIGAF3_	0.01233044	0.06788572	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.04017191	0.23969546	4.99E-05	0.0046177	-0.063007
9mo_SIGAF3_	0.01042034	0.05609851	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.03484351	0.20681392	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.07792848	0.4726913	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.02905876	0.17111619	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.08043135	0.48813647	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.02427119	0.1415721	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.06290638	0.37998986	6.33E-05	0.0080056	0.12359
9mo_SIGAF3_	0.02683312	0.15738179	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.08233883	0.49990752	4.81E-05	0.013778	0.05262
9mo_SIGAF3_	0.04490631	0.26891145	5.30E-05	0.0047888	-0.028317
9mo_SIGAF3_	0.08386744	0.5093405	4.77E-05	0.013036	-0.036078
9mo_SIGAF3_	0.02433215	0.14194828	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.09434472	0.5739959	5.13E-05	0.0061762	-0.82618

9mo_SIGAF3_	0.058583	0.35331026	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.020069	0.11564039	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.0099799	0.05338054	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.06419695	0.387954	6.27E-05	0.0084357	0.14015
9mo_SIGAF3_	0.01618132	0.09164953	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.08848266	0.5378211	4.82E-05	0.0098057	-0.3415
9mo_SIGAF3_	0.02529274	0.14787607	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.09003607	0.5474072	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.02213397	0.12838335	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.02005792	0.11557201	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.09364779	0.56969506	5.06E-05	0.0067258	-0.7829
9mo_SIGAF3_	0.04420439	0.2645799	5.25E-05	0.0047605	-0.035266
9mo_SIGAF3_	0.10065793	0.6129547	5.58E-05	0.0041426	-1.2563
9mo_SIGAF3_	0.01615446	0.09148373	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.02665412	0.15627715	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02098485	0.12129211	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.07506958	0.455049	5.28E-05	0.013537	0.23858
9mo_SIGAF3_	0.02277051	0.13231142	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02358752	0.13735321	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.05242912	0.3153347	5.97E-05	0.0054628	0.018414
9mo_SIGAF3_	0.03105839	0.18345594	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.08691289	0.528134	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.06040255	0.36453876	6.38E-05	0.0070986	0.087064
9mo_SIGAF3_	0.08397832	0.5100248	4.77E-05	0.013036	-0.036078
9mo_SIGAF3_	0.02368321	0.13794367	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.00596677	0.02861553	3.44E-05	0.0077366	0.50694
9mo_SIGAF3_	0.01740358	0.09919209	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01358421	0.07562275	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01355613	0.07544944	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.08421331	0.5114749	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.02878242	0.16941094	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.06340298	0.3830544	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.08490703	0.51575583	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.02023523	0.11666618	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01665578	0.09457739	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01365635	0.07606795	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01414183	0.07906382	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02271491	0.13196829	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.0246503	0.1439116	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01448387	0.08117455	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.03360781	0.1991884	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02185416	0.12665659	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.0253402	0.14816898	4.38E-05	0.0049138	-0.10343

9mo_SIGAF3_	0.01374512	0.07661573	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.00688509	0.03428248	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.02612466	0.15300988	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.03195741	0.18900378	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0260588	0.15260343	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01192213	0.06536606	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01398645	0.07810495	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02414695	0.14080545	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.01748684	0.09970589	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02281944	0.13261339	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.04058865	0.24226715	4.99E-05	0.0046177	-0.058715
9mo_SIGAF3_	0.01886754	0.10822618	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.00931043	0.04924922	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.00820418	0.04242256	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.0129761	0.07187007	3.80E-05	0.0063994	0.19734
9mo_SIGAF3_	0.02915558	0.1717137	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.07596127	0.46055162	5.18E-05	0.013885	0.23393
9mo_SIGAF3_	0.0366733	0.21810555	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.0203213	0.11719731	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.04244753	0.25373834	5.13E-05	0.0046879	-0.04643
9mo_SIGAF3_	0.08311923	0.50472337	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.08784875	0.5339092	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.09445155	0.5746551	5.13E-05	0.0061762	-0.82618
9mo_SIGAF3_	0.02321379	0.13504691	4.30E-05	0.0050782	-0.084895
9mo_SIGAF3_	0.01068302	0.05771949	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.01266247	0.0699347	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0260569	0.15259174	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.03059835	0.18061702	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01891958	0.10854735	4.11E-05	0.0055212	0.0010121
9mo_SIGAF3_	0.0116796	0.0638694	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01606874	0.0909548	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.02263522	0.13147655	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.03241062	0.19180053	4.62E-05	0.0046026	-0.11603
9mo_SIGAF3_	0.03012501	0.17769603	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02145363	0.12418494	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02397766	0.13976073	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.04697719	0.2816908	5.49E-05	0.0049251	-0.01514
9mo_SIGAF3_	0.09894262	0.60236955	5.45E-05	0.0045382	-1.1701
9mo_SIGAF3_	0.01832604	0.10488461	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01638792	0.09292441	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.08674908	0.5271232	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.02373488	0.13826257	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02519251	0.14725758	4.38E-05	0.0049138	-0.10343

9mo_SIGAF3_	0.0836796	0.5081814	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.02557487	0.14961712	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.01559866	0.08805388	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.04727408	0.28352293	5.53E-05	0.0049654	-0.01514
9mo_SIGAF3_	0.02195449	0.12727575	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01073595	0.05804616	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.08436354	0.512402	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.03889458	0.23181307	4.89E-05	0.0045836	-0.071721
9mo_SIGAF3_	0.02171121	0.12577446	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.09634098	0.58631474	5.24E-05	0.0054581	-0.99133
9mo_SIGAF3_	0.08261848	0.5016333	4.79E-05	0.013563	0.05262
9mo_SIGAF3_	0.03377249	0.20020464	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.08691326	0.5281363	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.03448959	0.20462984	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01828307	0.10461939	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02398788	0.1398238	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02921671	0.17209093	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.02555024	0.14946516	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.00778945	0.03986326	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.03363561	0.19935994	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.03265515	0.19330956	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.08264227	0.50178003	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.02373035	0.13823459	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.01881022	0.10787247	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01320461	0.07328022	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01285456	0.0711201	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.03151545	0.18627642	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.02345066	0.1365086	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.07029774	0.42560196	5.76E-05	0.011297	0.23016
9mo_SIGAF3_	0.02951618	0.17393896	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.01318093	0.07313409	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.06640154	0.40155852	6.12E-05	0.0093985	0.17407
9mo_SIGAF3_	0.0322771	0.19097659	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0119721	0.06567441	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01392608	0.07773241	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02110199	0.12201498	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.02085386	0.12048376	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01785172	0.10195755	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.03920216	0.23371114	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.0857474	0.5209418	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.01744976	0.09947704	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.00815055	0.04209165	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.0227774	0.13235395	4.30E-05	0.0050782	-0.077142

9mo_SIGAF3_	0.03362825	0.19931452	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.02924028	0.17223635	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.01645776	0.09335546	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.09130978	0.5552672	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.01513971	0.08522172	3.92E-05	0.0060428	0.11709
9mo_SIGAF3_	0.07504675	0.4549081	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.03648499	0.21694346	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.07274051	0.4406763	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.01310973	0.07269474	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.03345936	0.19827232	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.01371372	0.07642194	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.08685684	0.5277881	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.06351046	0.38371763	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.07939349	0.48173186	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.0241876	0.14105631	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03858195	0.22988378	4.89E-05	0.0045836	-0.076088
9mo_SIGAF3_	0.0381073	0.22695476	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.04285378	0.25624532	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.02780838	0.16340014	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.0189832	0.1089399	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.00469475	0.0207659	3.35E-05	0.0081345	0.58516
9mo_SIGAF3_	0.0502827	0.30208915	5.78E-05	0.0052091	0.0043724
9mo_SIGAF3_	0.02197297	0.12738982	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02026111	0.11682589	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.06406397	0.38713336	6.27E-05	0.0084357	0.14015
9mo_SIGAF3_	0.02421365	0.14121701	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.08646651	0.5253794	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.01323517	0.07346881	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.08559351	0.5199921	4.76E-05	0.012059	-0.14081
9mo_SIGAF3_	0.08806037	0.53521514	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.04256375	0.2544555	5.13E-05	0.0046879	-0.04643
9mo_SIGAF3_	0.08125472	0.4932175	4.85E-05	0.0141	0.10139
9mo_SIGAF3_	0.01560898	0.08811759	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.08782633	0.5337709	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.01937529	0.11135952	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.03231163	0.19118968	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0469756	0.28168103	5.49E-05	0.0049251	-0.01514
9mo_SIGAF3_	0.02407312	0.14034982	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02309546	0.13431667	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01842935	0.10552213	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01060858	0.05726011	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.01670836	0.0949019	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01216224	0.06684779	3.77E-05	0.0064954	0.24064

9mo_SIGAF3_	0.0205933	0.11887584	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.0380899	0.22684738	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.03307308	0.19588858	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.08995714	0.5469201	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.08727438	0.5303648	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.01656253	0.09400193	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.01894691	0.10871595	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02872864	0.16907905	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.03118976	0.18426661	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.01607772	0.09101017	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.02475697	0.14456986	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02277285	0.13232587	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01602506	0.09068521	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.03167309	0.18724921	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.08440047	0.51262987	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.03567683	0.2119563	4.74E-05	0.0045622	-0.096915
9mo_SIGAF3_	0.01896164	0.1088069	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.07842597	0.47576126	5.01E-05	0.014289	0.18889
9mo_SIGAF3_	0.01181704	0.06471755	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.09106192	0.5537377	4.93E-05	0.0079874	-0.56091
9mo_SIGAF3_	0.02592689	0.15178947	4.40E-05	0.0048781	-0.11213
9mo_SIGAF3_	0.02263046	0.1314472	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02785193	0.16366889	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01343279	0.07468835	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.06790124	0.41081315	5.98E-05	0.010192	0.19812
9mo_SIGAF3_	0.01812182	0.10362432	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02371728	0.13815393	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02677982	0.15705289	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02359398	0.13739304	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02565731	0.15012588	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.0248025	0.14485082	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02894904	0.17043914	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02256653	0.13105267	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.00976761	0.05207048	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.08658655	0.5261202	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.0839909	0.51010245	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.01412212	0.07894219	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.08779675	0.53358835	4.80E-05	0.010188	-0.29935
9mo_SIGAF3_	0.08308883	0.50453573	4.78E-05	0.013315	0.02505
9mo_SIGAF3_	0.07408545	0.44897595	5.38E-05	0.013116	0.24406
9mo_SIGAF3_	0.02044383	0.11795344	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.04887479	0.29340094	5.68E-05	0.0051026	-0.0054808
9mo_SIGAF3_	0.02043288	0.1178859	4.19E-05	0.0053364	-0.025531

9mo_SIGAF3_	0.02175597	0.12605071	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01524853	0.08589327	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01455062	0.08158646	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02305383	0.1340598	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.08386935	0.5093524	4.77E-05	0.013036	-0.036078
9mo_SIGAF3_	0.02431529	0.14184426	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.00998972	0.05344112	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.07991244	0.48493427	4.90E-05	0.014278	0.15946
9mo_SIGAF3_	0.01211062	0.06652921	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02319197	0.13491227	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02637158	0.15453361	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.08070831	0.4898456	4.87E-05	0.014207	0.12269
9mo_SIGAF3_	0.02270693	0.13191906	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.01707403	0.09715844	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02299585	0.13370198	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.03140518	0.18559597	4.58E-05	0.00463	-0.12002
9mo_SIGAF3_	0.09377596	0.570486	5.09E-05	0.0064439	-0.7829
9mo_SIGAF3_	0.01116145	0.06067187	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.02387592	0.1391329	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02089319	0.12072645	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.037134	0.22094853	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.01353439	0.07531531	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.03935712	0.23466736	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.03018975	0.17809553	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.01663014	0.09441919	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.03115168	0.18403165	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.0696303	0.42148322	5.82E-05	0.011019	0.21895
9mo_SIGAF3_	0.02707943	0.15890174	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.0219938	0.12751834	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.03653295	0.21723942	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.01556007	0.08781578	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.07989303	0.4848145	4.90E-05	0.014278	0.15946
9mo_SIGAF3_	0.01749368	0.09974811	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.01616309	0.09153704	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.01155615	0.06310759	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.08179969	0.49658054	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.01044664	0.05626083	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.06082154	0.36712435	6.38E-05	0.0072613	0.09374
9mo_SIGAF3_	0.02449278	0.14293955	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02065832	0.1192771	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.03771248	0.22451831	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.01929033	0.11083521	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08934165	0.5431219	4.84E-05	0.0094274	-0.42792

9mo_SIGAF3_	0.02434272	0.14201353	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.01648087	0.09349805	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02383266	0.13886593	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02001942	0.11533444	4.16E-05	0.0053955	-0.025531
9mo_SIGAF3_	0.08029146	0.48727322	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.05871642	0.35413364	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.02861679	0.16838881	4.49E-05	0.0047302	-0.12268
9mo_SIGAF3_	0.02352281	0.13695383	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.07637982	0.4631345	5.18E-05	0.013885	0.22792
9mo_SIGAF3_	0.0529439	0.31851143	6.01E-05	0.0055357	0.022172
9mo_SIGAF3_	0.03215423	0.19021837	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02971368	0.17515774	4.53E-05	0.0046846	-0.12301
9mo_SIGAF3_	0.01313117	0.07282703	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01691893	0.09620128	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02157412	0.1249285	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.09289661	0.5650596	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.02411448	0.14060508	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03380153	0.20038384	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.04706809	0.2822518	5.49E-05	0.0049251	-0.01514
9mo_SIGAF3_	0.03811784	0.22701977	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.01098399	0.05957679	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.08071746	0.48990205	4.87E-05	0.014207	0.12269
9mo_SIGAF3_	0.02471201	0.1442924	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02922103	0.1721176	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.01184574	0.06489465	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.0200729	0.11566444	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02514263	0.14694978	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08887518	0.5402433	4.84E-05	0.0094274	-0.3844
9mo_SIGAF3_	0.07467281	0.45260054	5.33E-05	0.013335	0.24193
9mo_SIGAF3_	0.01004245	0.05376655	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.07472278	0.4529089	5.33E-05	0.013335	0.24193
9mo_SIGAF3_	0.02693115	0.15798676	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.00982935	0.05245151	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.03247741	0.19221272	4.62E-05	0.0046026	-0.11603
9mo_SIGAF3_	0.03648075	0.21691729	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.02362321	0.13757344	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02046997	0.11811478	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.09673864	0.5887688	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.09314229	0.5665757	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.04796576	0.2877913	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.05129856	0.30835804	5.87E-05	0.0053288	0.011221
9mo_SIGAF3_	0.08684696	0.5277272	4.78E-05	0.010952	-0.21781
9mo_SIGAF3_	0.06413914	0.38759726	6.27E-05	0.0084357	0.14015

9mo_SIGAF3_	0.05020427	0.30160517	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.03000446	0.17695215	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.0112316	0.0611048	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.02073177	0.11973035	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01414024	0.07905401	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0355038	0.21088855	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.06103374	0.36843383	6.38E-05	0.0072613	0.10072
9mo_SIGAF3_	0.07724637	0.46848196	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.01962398	0.1128942	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01728067	0.09843358	4.03E-05	0.005729	0.046584
9mo_SIGAF3_	0.02282109	0.13262357	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.04969975	0.29849175	5.73E-05	0.0051543	0.0010449
9mo_SIGAF3_	0.01490872	0.0837963	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02762844	0.16228971	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01097132	0.05949862	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.03671234	0.21834646	4.79E-05	0.0045625	-0.088896
9mo_SIGAF3_	0.01507424	0.08481772	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.05758099	0.3471269	6.32E-05	0.0064035	0.057806
9mo_SIGAF3_	0.07433444	0.4505124	5.33E-05	0.013335	0.24406
9mo_SIGAF3_	0.01248626	0.06884728	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02073471	0.1197485	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01987391	0.1144365	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.06731306	0.4071835	6.03E-05	0.009922	0.19037
9mo_SIGAF3_	0.07860026	0.4768368	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.01531874	0.08632655	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.03492855	0.20733868	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.04459199	0.26697174	5.30E-05	0.0047888	-0.031751
9mo_SIGAF3_	0.02903361	0.170961	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02781267	0.16342658	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.02127584	0.12308779	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.085154	0.51728	4.76E-05	0.012059	-0.10433
9mo_SIGAF3_	0.03206188	0.18964846	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.03196312	0.18903902	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0553954	0.33363962	6.21E-05	0.005966	0.038579
9mo_SIGAF3_	0.01302447	0.07216859	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.04572277	0.27394983	5.39E-05	0.0048522	-0.024952
9mo_SIGAF3_	0.04985791	0.29946774	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.08172018	0.49608985	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.01161005	0.06344022	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.02298404	0.13362911	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.04193736	0.25059	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.01220168	0.06709117	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01959358	0.11270657	4.16E-05	0.0053955	-0.012659

9mo_SIGAF3_	0.08809323	0.5354179	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.05415165	0.32596445	6.10E-05	0.005694	0.030074
9mo_SIGAF3_	0.08953528	0.5443168	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.02754854	0.16179666	4.46E-05	0.0047834	-0.12024
9mo_SIGAF3_	0.02717386	0.15948449	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.02084613	0.12043604	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02576063	0.15076347	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.01923954	0.11052179	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08945166	0.54380083	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.013153	0.07296173	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0180691	0.103299	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.05644296	0.3401041	6.27E-05	0.0061731	0.047788
9mo_SIGAF3_	0.02411756	0.14062405	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03118811	0.1842564	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.01600092	0.09053628	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.02168164	0.12559198	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.08915549	0.5419731	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.03260433	0.19299592	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.09571857	0.5824739	5.20E-05	0.0056833	-0.9515
9mo_SIGAF3_	0.00898504	0.04724124	3.59E-05	0.00713	0.38094
9mo_SIGAF3_	0.01218516	0.06698918	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01553852	0.08768281	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02392226	0.13941886	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.0728619	0.4414254	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.01862244	0.10671367	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.01303908	0.07225877	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0286912	0.16884796	4.49E-05	0.0047302	-0.12268
9mo_SIGAF3_	0.02081248	0.12022843	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.04542197	0.27209356	5.34E-05	0.0048194	-0.024952
9mo_SIGAF3_	0.01664393	0.09450426	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02623734	0.15370525	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.051067	0.30692908	5.87E-05	0.0053288	0.0077602
9mo_SIGAF3_	0.06568497	0.3971366	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.08173118	0.4961577	4.83E-05	0.013957	0.078055
9mo_SIGAF3_	0.08963654	0.5449417	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.02698817	0.15833859	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.08830828	0.53674495	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.07697485	0.46680638	5.09E-05	0.014141	0.22047
9mo_SIGAF3_	0.035854	0.21304964	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.01252724	0.06910017	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02339874	0.13618822	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.0697643	0.4223101	5.82E-05	0.011019	0.22487
9mo_SIGAF3_	0.01450661	0.08131485	3.89E-05	0.0061278	0.1561

9mo_SIGAF3_	0.01427693	0.07989755	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0239103	0.13934506	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02994672	0.1765958	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.03194428	0.18892275	4.60E-05	0.0046154	-0.11821
9mo_SIGAF3_	0.06307	0.38099957	6.33E-05	0.0080056	0.12359
9mo_SIGAF3_	0.01360822	0.07577091	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.08870517	0.53919417	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.03005275	0.17725012	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02335614	0.13592534	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02471235	0.14429449	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.03520711	0.20905769	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.0786807	0.47733322	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.02171133	0.1257752	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.08418044	0.51127213	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.04949464	0.297226	5.73E-05	0.0051543	-0.0022352
9mo_SIGAF3_	0.01646457	0.09339748	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02513278	0.14688896	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.03806336	0.22668359	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.00673451	0.03335327	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.05238534	0.31506452	5.97E-05	0.0054628	0.018414
9mo_SIGAF3_	0.0548736	0.33041963	6.17E-05	0.0058704	0.034245
9mo_SIGAF3_	0.01529235	0.08616369	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.02314969	0.13465132	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.03212994	0.19006848	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.01502627	0.0845217	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.07080732	0.42874655	5.71E-05	0.011574	0.23476
9mo_SIGAF3_	0.01254875	0.06923293	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02063895	0.11915758	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.08374424	0.50858027	4.77E-05	0.013036	-0.036078
9mo_SIGAF3_	0.09331286	0.56762826	5.06E-05	0.0067258	-0.73907
9mo_SIGAF3_	0.02091656	0.1208707	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01363451	0.07593313	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02162344	0.12523285	4.24E-05	0.0052258	-0.059109
9mo_SIGAF3_	0.02481494	0.1449276	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01933204	0.11109261	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01081317	0.05852267	3.68E-05	0.0068	0.2858
9mo_SIGAF3_	0.03917341	0.23353371	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.07332905	0.44430822	5.43E-05	0.012883	0.24489
9mo_SIGAF3_	0.0207718	0.11997739	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.04349346	0.26019272	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.02092456	0.12092005	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02178811	0.126249	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01628271	0.09227521	4.00E-05	0.0058035	0.080526

9mo_SIGAF3_	0.01798093	0.10275492	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03204758	0.18956023	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.01646979	0.09342964	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02134021	0.12348503	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.09207981	0.56001914	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.02706857	0.15883477	4.44E-05	0.004813	-0.11816
9mo_SIGAF3_	0.01387468	0.07741525	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.09151725	0.5565475	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.08443092	0.5128178	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.01177247	0.06444249	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.0334883	0.19845092	4.66E-05	0.0045822	-0.11071
9mo_SIGAF3_	0.03508507	0.20830455	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.02418483	0.14103916	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.03819026	0.22746672	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.08648941	0.52552074	4.77E-05	0.01133	-0.21781
9mo_SIGAF3_	0.0332326	0.19687295	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.03566632	0.21189144	4.74E-05	0.0045622	-0.096915
9mo_SIGAF3_	0.01445279	0.08098273	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.0128485	0.07108266	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02027698	0.11692382	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.02192913	0.12711927	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02011127	0.11590122	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.019839	0.11422105	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02499318	0.1460275	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.03104016	0.18334346	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.07580743	0.45960227	5.23E-05	0.013721	0.23393
9mo_SIGAF3_	0.08000937	0.48553246	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.08021012	0.48677126	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.05380482	0.32382414	6.10E-05	0.005694	0.026054
9mo_SIGAF3_	0.08994503	0.5468454	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.01992405	0.1147459	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02568019	0.15026705	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.08154243	0.49499297	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.02370654	0.13808763	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02034064	0.11731671	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.04246556	0.25384957	5.13E-05	0.0046879	-0.04643
9mo_SIGAF3_	0.01153218	0.06295968	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01675694	0.09520163	4.00E-05	0.0058035	0.063215
9mo_SIGAF3_	0.01850755	0.10600469	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.03738648	0.22250657	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.05755521	0.3469678	6.32E-05	0.0064035	0.057806
9mo_SIGAF3_	0.02857844	0.16815215	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.04012291	0.23939307	4.99E-05	0.0046177	-0.063007

9mo_SIGAF3_	0.03266436	0.19336636	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.02609424	0.15282214	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.04484403	0.2685271	5.30E-05	0.0047888	-0.028317
9mo_SIGAF3_	0.01702089	0.09683048	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.04304834	0.2574459	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.02672487	0.1567138	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.03778244	0.22495005	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.09596229	0.5839779	5.24E-05	0.0054581	-0.9515
9mo_SIGAF3_	0.03664415	0.21792562	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.08942615	0.54364336	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.0183372	0.10495345	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.05637735	0.33969924	6.27E-05	0.0061731	0.047788
9mo_SIGAF3_	0.0841158	0.5108732	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.03462958	0.20549373	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.01568261	0.08857198	3.95E-05	0.0059603	0.098494
9mo_SIGAF3_	0.0137995	0.0769513	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01452405	0.08142251	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.01816788	0.1039086	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03472385	0.20607549	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.05883067	0.35483867	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.02192511	0.12709448	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01983169	0.11417597	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.03234137	0.1913732	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02351012	0.13687553	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.0479506	0.28769776	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.08871682	0.5392661	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.09063417	0.55109805	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.01802187	0.10300757	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03876386	0.23100637	4.89E-05	0.0045836	-0.076088
9mo_SIGAF3_	0.02021327	0.1165307	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.03570371	0.21212217	4.74E-05	0.0045622	-0.096915
9mo_SIGAF3_	0.05949552	0.3589415	6.37E-05	0.0067983	0.080679
9mo_SIGAF3_	0.09209894	0.56013715	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.03805605	0.22663848	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.04785237	0.28709158	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.03320453	0.19669977	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.01504958	0.08466554	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.09869747	0.60085666	5.45E-05	0.0045382	-1.1375
9mo_SIGAF3_	0.04403295	0.2635219	5.25E-05	0.0047605	-0.035266
9mo_SIGAF3_	0.02098326	0.12128227	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01753244	0.09998725	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.06228627	0.37616315	6.36E-05	0.0076138	0.11565
9mo_SIGAF3_	0.02728995	0.16020086	4.46E-05	0.0047834	-0.11816

9mo_SIGAF3_	0.08731752	0.530631	4.79E-05	0.010571	-0.25808
9mo_SIGAF3_	0.0106267	0.05737195	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.02525611	0.14765003	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.03442969	0.20426023	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01781815	0.10175039	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.0135853	0.07562946	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.01838939	0.10527549	4.09E-05	0.0055879	0.015459
9mo_SIGAF3_	0.0166647	0.09463248	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02633296	0.15429528	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.0171642	0.09771488	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.03060301	0.1806458	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.02270841	0.1319282	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.01526637	0.08600337	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.0437351	0.2616839	5.21E-05	0.0047343	-0.035266
9mo_SIGAF3_	0.07815341	0.4740793	5.01E-05	0.014289	0.20103
9mo_SIGAF3_	0.02609069	0.15280028	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01928598	0.11080837	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08828623	0.53660893	4.80E-05	0.010188	-0.3415
9mo_SIGAF3_	0.0166009	0.09423871	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0281329	0.1654027	4.48E-05	0.0047558	-0.12174
9mo_SIGAF3_	0.034558	0.20505203	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.0140069	0.07823118	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.1512256	0.92500776	7.73E-05	0.0046709	-1.1045
9mo_SIGAF3_	0.03744177	0.22284774	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.07751121	0.47011632	5.05E-05	0.014229	0.21153
9mo_SIGAF3_	0.04786306	0.2871575	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.08020733	0.48675403	4.87E-05	0.014207	0.14202
9mo_SIGAF3_	0.0116836	0.06389409	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01655249	0.09394002	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.06195268	0.3741046	6.36E-05	0.0076138	0.10802
9mo_SIGAF3_	0.01992027	0.11472257	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02607329	0.1526929	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.0875132	0.53183854	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.01895948	0.10879353	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.06087207	0.36743617	6.38E-05	0.0072613	0.09374
9mo_SIGAF3_	0.09040052	0.5496562	4.88E-05	0.0086895	-0.51631
9mo_SIGAF3_	0.02220918	0.12884742	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02258362	0.13115814	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.0305456	0.18029152	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.07174322	0.43452203	5.60E-05	0.012118	0.2386
9mo_SIGAF3_	0.0780652	0.47353497	5.01E-05	0.014289	0.20103
9mo_SIGAF3_	0.02719673	0.15962563	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.01870225	0.1072062	4.11E-05	0.0055212	0.015459

9mo_SIGAF3_	0.08324704	0.5055121	4.78E-05	0.013315	-0.0045591
9mo_SIGAF3_	0.01782704	0.10180526	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.01787306	0.10208925	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.04775235	0.28647435	5.58E-05	0.0050083	-0.01192
9mo_SIGAF3_	0.01176778	0.06441356	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.08199845	0.49780703	4.81E-05	0.013778	0.078055
9mo_SIGAF3_	0.08001109	0.485543	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.08862665	0.53870964	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.03462486	0.20546463	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.01757716	0.10026325	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.03326763	0.19708914	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.04663387	0.27957222	5.49E-05	0.0049251	-0.018376
9mo_SIGAF3_	0.03731472	0.22206374	4.81E-05	0.0045652	-0.084703
9mo_SIGAF3_	0.02373722	0.138277	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.05731872	0.34550843	6.30E-05	0.0062853	0.057806
9mo_SIGAF3_	0.01351421	0.07519075	3.83E-05	0.0063061	0.17645
9mo_SIGAF3_	0.02031572	0.11716289	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.03217427	0.19034201	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.07944229	0.482033	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.0175568	0.10013761	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.02747843	0.161364	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.03518727	0.20893525	4.72E-05	0.0045646	-0.10068
9mo_SIGAF3_	0.03339171	0.19785482	4.66E-05	0.0045822	-0.11352
9mo_SIGAF3_	0.03720345	0.22137709	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.01920634	0.11031693	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01124399	0.06118126	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.0542459	0.32654607	6.14E-05	0.0057798	0.030074
9mo_SIGAF3_	0.03880711	0.23127325	4.89E-05	0.0045836	-0.076088
9mo_SIGAF3_	0.01059439	0.05717254	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.08503707	0.51655835	4.76E-05	0.012404	-0.10433
9mo_SIGAF3_	0.03430731	0.203505	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01133974	0.0617721	3.71E-05	0.0066957	0.263
9mo_SIGAF3_	0.07146955	0.4328332	5.65E-05	0.011849	0.2386
9mo_SIGAF3_	0.03402763	0.20177907	4.68E-05	0.0045746	-0.10761
9mo_SIGAF3_	0.02024863	0.11674891	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.08389967	0.5095394	4.77E-05	0.013036	-0.036078
9mo_SIGAF3_	0.01895938	0.1087929	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01171141	0.0640657	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01627785	0.09224518	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.07939253	0.48172593	4.93E-05	0.014315	0.15946
9mo_SIGAF3_	0.02541143	0.1486085	4.38E-05	0.0049138	-0.10813
9mo_SIGAF3_	0.07286986	0.44147453	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.02718104	0.15952878	4.46E-05	0.0047834	-0.11816

9mo_SIGAF3_	0.0293989	0.17321521	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.01030334	0.05537647	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.08949813	0.5440876	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.01348443	0.075007	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.02459627	0.14357822	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.08442941	0.51280844	4.76E-05	0.012731	-0.069378
9mo_SIGAF3_	0.03210833	0.1899351	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.08976325	0.5457236	4.86E-05	0.0090548	-0.47194
9mo_SIGAF3_	0.04011448	0.23934104	4.99E-05	0.0046177	-0.063007
9mo_SIGAF3_	0.08474441	0.5147523	4.76E-05	0.012404	-0.069378
9mo_SIGAF3_	0.0586144	0.35350403	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.02643502	0.15492512	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.04827082	0.28967384	5.63E-05	0.005054	-0.0087048
9mo_SIGAF3_	0.05214442	0.3135778	5.97E-05	0.0054628	0.014768
9mo_SIGAF3_	0.01868714	0.1071129	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.03204093	0.18951917	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0215346	0.12468462	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02477784	0.14469863	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.02135687	0.12358785	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03211383	0.18996903	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.05273177	0.31720236	6.01E-05	0.0055357	0.018414
9mo_SIGAF3_	0.00764939	0.03899898	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.02665789	0.15630044	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.03813111	0.22710168	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.07873381	0.47766095	4.97E-05	0.014318	0.18889
9mo_SIGAF3_	0.01218545	0.06699096	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.02586529	0.15140931	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.0449119	0.2689459	5.30E-05	0.0047888	-0.028317
9mo_SIGAF3_	0.02148356	0.12436966	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.0292994	0.17260118	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.06573562	0.3974491	6.16E-05	0.0091463	0.16566
9mo_SIGAF3_	0.01477812	0.08299037	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.03030616	0.17881393	4.55E-05	0.0046645	-0.12245
9mo_SIGAF3_	0.02227005	0.12922311	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.08591398	0.52196974	4.76E-05	0.0117	-0.17867
9mo_SIGAF3_	0.0289821	0.17064315	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02649501	0.15529533	4.42E-05	0.0048445	-0.11546
9mo_SIGAF3_	0.01327698	0.07372683	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.06474721	0.39134967	6.24E-05	0.0086643	0.14863
9mo_SIGAF3_	0.02551818	0.14926732	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.08400767	0.5102059	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.01291104	0.07146863	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.07118876	0.43110046	5.65E-05	0.011849	0.23476

9mo_SIGAF3_	0.02026711	0.11686292	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.0205869	0.11883636	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02420427	0.14115913	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.01919752	0.11026248	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01289511	0.07137028	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.08615667	0.52346736	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.0194588	0.11187484	4.14E-05	0.0054571	-0.012659
9mo_SIGAF3_	0.09685448	0.58948356	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.10528421	0.64150345	5.94E-05	0.0035815	-1.3831
9mo_SIGAF3_	0.01210186	0.06647515	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01029514	0.05532591	3.68E-05	0.0068	0.30902
9mo_SIGAF3_	0.03201288	0.18934609	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.02448482	0.14289045	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.08627942	0.5242249	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.09708281	0.5908926	5.32E-05	0.0050496	-1.03
9mo_SIGAF3_	0.04188772	0.25028372	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.01348782	0.0750279	3.83E-05	0.0063061	0.17645
9mo_SIGAF3_	0.0527154	0.3171013	6.01E-05	0.0055357	0.018414
9mo_SIGAF3_	0.0316422	0.1870586	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.01930559	0.11092939	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.0140836	0.07870451	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.02306595	0.13413459	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.00660441	0.0325504	3.47E-05	0.0076096	0.48124
9mo_SIGAF3_	0.01718016	0.09781334	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.08120578	0.49291548	4.85E-05	0.0141	0.10139
9mo_SIGAF3_	0.02453506	0.14320046	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01176064	0.06436949	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.02951875	0.17395481	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.03419408	0.20280625	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.04141963	0.24739516	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.02727883	0.16013229	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.0184528	0.10566684	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02895935	0.17050277	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.01739043	0.09911091	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.03101182	0.18316853	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.00950876	0.05047315	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.02793236	0.16416517	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.08364879	0.5079913	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.04025128	0.24018526	4.99E-05	0.0046177	-0.063007
9mo_SIGAF3_	0.01131066	0.06159268	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.03487033	0.20697938	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.00860779	0.04491323	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.00712672	0.03577357	3.50E-05	0.0074854	0.45576

9mo_SIGAF3_	0.0132014	0.0732604	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.02689444	0.15776017	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02531088	0.14798804	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02794339	0.16423325	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.02029655	0.11704463	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01719641	0.09791361	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.02769183	0.16268088	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.02772892	0.16290976	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.02627034	0.15390886	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.0314437	0.18583368	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.08152045	0.49485728	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.02321236	0.13503806	4.30E-05	0.0050782	-0.084895
9mo_SIGAF3_	0.01286001	0.07115368	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.06343503	0.38325214	6.30E-05	0.008216	0.13178
9mo_SIGAF3_	0.06698833	0.40517962	6.07E-05	0.0096573	0.19037
9mo_SIGAF3_	0.07477783	0.45324862	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.04192926	0.25054005	5.09E-05	0.0046676	-0.0504
9mo_SIGAF3_	0.01492028	0.08386764	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.06229926	0.37624335	6.36E-05	0.0076138	0.11565
9mo_SIGAF3_	0.05405422	0.3253632	6.10E-05	0.005694	0.030074
9mo_SIGAF3_	0.01676672	0.09526203	4.00E-05	0.0058035	0.063215
9mo_SIGAF3_	0.02458216	0.14349109	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.05635459	0.3395588	6.27E-05	0.0061731	0.047788
9mo_SIGAF3_	0.02873505	0.16911857	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.1093109	0.6663522	6.18E-05	0.0036276	-1.3717
9mo_SIGAF3_	0.01811914	0.10360778	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.13787855	0.84264314	7.39E-05	0.0051198	-1.03
9mo_SIGAF3_	0.02617087	0.15329504	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02117792	0.12248354	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.03201244	0.18934335	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.0226815	0.13176213	4.28E-05	0.005125	-0.077142
9mo_SIGAF3_	0.03407165	0.20205075	4.68E-05	0.0045746	-0.10761
9mo_SIGAF3_	0.02257178	0.13108504	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.02549353	0.1491152	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.03127192	0.1847736	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.02063338	0.11912319	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02768567	0.16264288	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.03237099	0.19155595	4.62E-05	0.0046026	-0.11821
9mo_SIGAF3_	0.09995832	0.6086374	5.53E-05	0.004262	-1.2296
9mo_SIGAF3_	0.0370507	0.22043447	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.01940681	0.111554	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.03243034	0.19192223	4.62E-05	0.0046026	-0.11603
9mo_SIGAF3_	0.01806145	0.10325179	4.09E-05	0.0055879	0.030658

9mo_SIGAF3_	0.00766907	0.03912041	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.0160587	0.0908928	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.059518	0.3590802	6.37E-05	0.0067983	0.080679
9mo_SIGAF3_	0.01086981	0.05887216	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.02137662	0.12370972	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.07886821	0.47849035	4.97E-05	0.014318	0.17506
9mo_SIGAF3_	0.05571685	0.33562332	6.21E-05	0.005966	0.043089
9mo_SIGAF3_	0.08857261	0.5383762	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.03533442	0.20984331	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.01466267	0.08227792	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02997844	0.17679158	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.0193873	0.1114336	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02697036	0.15822873	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.09587059	0.583412	5.20E-05	0.0056833	-0.9515
9mo_SIGAF3_	0.0378416	0.22531508	4.84E-05	0.0045696	-0.080425
9mo_SIGAF3_	0.06463891	0.39068136	6.24E-05	0.0086643	0.14863
9mo_SIGAF3_	0.02661161	0.15601486	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.01989943	0.11459399	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01649998	0.09361596	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.0365287	0.21721323	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.02350088	0.13681856	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02116297	0.12239127	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02506281	0.14645721	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02375239	0.13837062	4.32E-05	0.0050338	-0.091842
9mo_SIGAF3_	0.02158854	0.1250175	4.24E-05	0.0052258	-0.059109
9mo_SIGAF3_	0.0509349	0.30611384	5.87E-05	0.0053288	0.0077602
9mo_SIGAF3_	0.02800245	0.16459775	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.04638379	0.27802896	5.44E-05	0.0048874	-0.021643
9mo_SIGAF3_	0.04954463	0.2975345	5.73E-05	0.0051543	-0.0022352
9mo_SIGAF3_	0.03471984	0.20605075	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.07031559	0.42571208	5.76E-05	0.011297	0.23016
9mo_SIGAF3_	0.02626483	0.15387484	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02590173	0.1516342	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.09806523	0.5969551	5.36E-05	0.0048658	-1.1032
9mo_SIGAF3_	0.08287061	0.50318915	4.79E-05	0.013563	0.02505
9mo_SIGAF3_	0.01181573	0.06470946	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01536864	0.08663447	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01281109	0.07085185	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02814469	0.16547547	4.48E-05	0.0047558	-0.12174
9mo_SIGAF3_	0.06678588	0.40393028	6.07E-05	0.0096573	0.18233
9mo_SIGAF3_	0.09622289	0.585586	5.24E-05	0.0054581	-0.99133
9mo_SIGAF3_	0.01962399	0.11289421	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.03421779	0.20295261	4.70E-05	0.0045688	-0.10761

9mo_SIGAF3_	0.02873444	0.16911483	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02996105	0.17668426	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.06981096	0.42259803	5.82E-05	0.011019	0.22487
9mo_SIGAF3_	0.03075712	0.18159679	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01846004	0.10571148	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.08858554	0.53845596	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.08354002	0.50732005	4.77E-05	0.013036	-0.0045591
9mo_SIGAF3_	0.01897884	0.10891303	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.08105382	0.49197775	4.85E-05	0.0141	0.10139
9mo_SIGAF3_	0.02102052	0.12151225	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.03182131	0.18816389	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.02640568	0.15474404	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01820446	0.10413434	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01842255	0.10548015	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.0230133	0.13380966	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01356822	0.07552406	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02424212	0.14139274	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.09318546	0.5668421	5.02E-05	0.0070215	-0.73907
9mo_SIGAF3_	0.01078942	0.05837612	3.68E-05	0.0068	0.2858
9mo_SIGAF3_	0.02279728	0.13247663	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.09727012	0.5920485	5.32E-05	0.0050496	-1.0673
9mo_SIGAF3_	0.02614546	0.15313825	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.02656234	0.15571082	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02478221	0.14472559	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01915532	0.11000207	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.03939015	0.2348712	4.92E-05	0.0045932	-0.071721
9mo_SIGAF3_	0.0109523	0.0593812	3.71E-05	0.0066957	0.2858
9mo_SIGAF3_	0.03767526	0.22428864	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.01459562	0.08186416	3.89E-05	0.0061278	0.1363
9mo_SIGAF3_	0.08410866	0.51082915	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.01487404	0.0835823	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02214569	0.12845567	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.06602689	0.39924654	6.16E-05	0.0091463	0.17407
9mo_SIGAF3_	0.01464867	0.08219151	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.03425747	0.20319743	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.01885237	0.10813259	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.03172558	0.18757318	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.08616004	0.5234882	4.77E-05	0.01133	-0.17867
9mo_SIGAF3_	0.08961529	0.5448106	4.86E-05	0.0090548	-0.42792
9mo_SIGAF3_	0.05147949	0.30947456	5.92E-05	0.0053939	0.011221
9mo_SIGAF3_	0.07503872	0.45485854	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.02316774	0.13476269	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.01271031	0.07022989	3.80E-05	0.0063994	0.21875

9mo_SIGAF3_	0.04510101	0.27011293	5.34E-05	0.0048194	-0.028317
9mo_SIGAF3_	0.02340897	0.13625135	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.0761129	0.4614873	5.18E-05	0.013885	0.23393
9mo_SIGAF3_	0.02996332	0.17669825	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02749965	0.16149496	4.46E-05	0.0047834	-0.11816
9mo_SIGAF3_	0.02279532	0.13246453	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02382118	0.1387951	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.04357573	0.26070046	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.02240487	0.13005504	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.03068868	0.18117443	4.57E-05	0.0046464	-0.12245
9mo_SIGAF3_	0.01738984	0.09910727	4.06E-05	0.0056572	0.046584
9mo_SIGAF3_	0.03428729	0.20338148	4.70E-05	0.0045688	-0.10761
9mo_SIGAF3_	0.0156696	0.08849167	3.95E-05	0.0059603	0.098494
9mo_SIGAF3_	0.02451989	0.14310683	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.07175156	0.43457347	5.60E-05	0.012118	0.2386
9mo_SIGAF3_	0.0724669	0.43898788	5.54E-05	0.012382	0.24373
9mo_SIGAF3_	0.03595246	0.2136572	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.09360172	0.5694108	5.06E-05	0.0067258	-0.7829
9mo_SIGAF3_	0.01154645	0.06304773	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01016392	0.05451611	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.02605989	0.1526102	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.08417799	0.511257	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.0211547	0.12234026	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02492727	0.14562081	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02761436	0.16220279	4.46E-05	0.0047834	-0.12024
9mo_SIGAF3_	0.09089104	0.55268323	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.08246858	0.5007082	4.79E-05	0.013563	0.05262
9mo_SIGAF3_	0.02058976	0.11885402	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.01422008	0.07954671	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.07791542	0.47261068	5.05E-05	0.014229	0.20103
9mo_SIGAF3_	0.02698573	0.15832356	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.02531774	0.14803036	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.02845373	0.16738258	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.07177299	0.4347057	5.60E-05	0.012118	0.2386
9mo_SIGAF3_	0.02097547	0.12123424	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.07288494	0.44156757	5.49E-05	0.012637	0.24373
9mo_SIGAF3_	0.07385484	0.44755283	5.38E-05	0.013116	0.24502
9mo_SIGAF3_	0.04338532	0.25952542	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.09069022	0.55144393	4.91E-05	0.0083333	-0.51631
9mo_SIGAF3_	0.04311397	0.25785092	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.01232345	0.06784262	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.01142344	0.06228866	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.09088487	0.55264515	4.91E-05	0.0083333	-0.56091

9mo_SIGAF3_	0.02544793	0.14883378	4.40E-05	0.0048781	-0.10813
9mo_SIGAF3_	0.03488472	0.20706819	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.03262435	0.1931195	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.03458967	0.20524743	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.04936415	0.29642075	5.73E-05	0.0051543	-0.0022352
9mo_SIGAF3_	0.01473176	0.08270427	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.08456615	0.5136523	4.76E-05	0.012404	-0.069378
9mo_SIGAF3_	0.02007436	0.11567345	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.07011744	0.42448935	5.76E-05	0.011297	0.22487
9mo_SIGAF3_	0.07977582	0.4840912	4.90E-05	0.014278	0.15946
9mo_SIGAF3_	0.03685713	0.21923994	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.0325224	0.19249035	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.01985447	0.11431652	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01216817	0.06688433	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.07501797	0.45473054	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.02943797	0.17345633	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.03187329	0.1884847	4.60E-05	0.0046154	-0.11821
9mo_SIGAF3_	0.0181278	0.10366122	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.04412084	0.26406434	5.25E-05	0.0047605	-0.035266
9mo_SIGAF3_	0.04518052	0.27060357	5.34E-05	0.0048194	-0.028317
9mo_SIGAF3_	0.04312849	0.25794053	5.17E-05	0.0047101	-0.042593
9mo_SIGAF3_	0.02859052	0.1682267	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.00960572	0.05107149	3.62E-05	0.0070172	0.35661
9mo_SIGAF3_	0.02936492	0.17300555	4.53E-05	0.0046846	-0.1231
9mo_SIGAF3_	0.01412108	0.07893578	3.89E-05	0.0061278	0.1561
9mo_SIGAF3_	0.08880906	0.5398353	4.82E-05	0.0098057	-0.3844
9mo_SIGAF3_	0.02793304	0.16416942	4.48E-05	0.0047558	-0.12024
9mo_SIGAF3_	0.01491526	0.08383667	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.09206212	0.55990994	4.96E-05	0.0076529	-0.6503
9mo_SIGAF3_	0.08934636	0.54315096	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.04051219	0.24179532	4.99E-05	0.0046177	-0.058715
9mo_SIGAF3_	0.05347144	0.32176688	6.05E-05	0.0056127	0.026054
9mo_SIGAF3_	0.03381778	0.20048411	4.68E-05	0.0045746	-0.11071
9mo_SIGAF3_	0.01249311	0.06888959	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.02839221	0.16700295	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.03513341	0.20860288	4.72E-05	0.0045646	-0.10068
9mo_SIGAF3_	0.02432037	0.1418756	4.34E-05	0.0049916	-0.098011
9mo_SIGAF3_	0.01730339	0.09857381	4.03E-05	0.005729	0.046584
9mo_SIGAF3_	0.01605662	0.09087996	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.03128553	0.18485762	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.01819722	0.10408962	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.01524062	0.08584447	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01404189	0.0784471	3.86E-05	0.0062156	0.1561

9mo_SIGAF3_	0.01490146	0.08375146	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.03522886	0.20919189	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.03481977	0.20666742	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.02438901	0.14229918	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.01485614	0.08347181	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.02148578	0.12438336	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02299856	0.13371871	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02974526	0.17535262	4.53E-05	0.0046846	-0.12301
9mo_SIGAF3_	0.0433335	0.25920567	5.21E-05	0.0047343	-0.038876
9mo_SIGAF3_	0.07385732	0.44756815	5.38E-05	0.013116	0.24502
9mo_SIGAF3_	0.01167405	0.06383517	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.07329251	0.44408268	5.43E-05	0.012883	0.24489
9mo_SIGAF3_	0.01272711	0.07033359	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0316341	0.18700862	4.60E-05	0.0046154	-0.12002
9mo_SIGAF3_	0.09399556	0.57184124	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.02923903	0.1722287	4.51E-05	0.0047064	-0.1231
9mo_SIGAF3_	0.0197852	0.11388905	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.07037135	0.42605618	5.76E-05	0.011297	0.23016
9mo_SIGAF3_	0.01388042	0.07745067	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02356562	0.13721803	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.02392307	0.13942388	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.01694307	0.09635025	4.03E-05	0.005729	0.063215
9mo_SIGAF3_	0.08408371	0.51067513	4.76E-05	0.012731	-0.036078
9mo_SIGAF3_	0.08575322	0.5209777	4.76E-05	0.0117	-0.14081
9mo_SIGAF3_	0.02886539	0.1699229	4.51E-05	0.0047064	-0.12268
9mo_SIGAF3_	0.02467464	0.1440618	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.09259279	0.5631847	4.99E-05	0.0073308	-0.69483
9mo_SIGAF3_	0.02467666	0.14407429	4.36E-05	0.0049516	-0.098011
9mo_SIGAF3_	0.04847005	0.2909033	5.63E-05	0.005054	-0.0087048
9mo_SIGAF3_	0.02034733	0.11735795	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.09538413	0.58041006	5.20E-05	0.0056833	-0.91061
9mo_SIGAF3_	0.07494016	0.45425034	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.0587245	0.3541835	6.35E-05	0.0066597	0.068735
9mo_SIGAF3_	0.08018546	0.48661909	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.02609851	0.15284854	4.42E-05	0.0048445	-0.11213
9mo_SIGAF3_	0.01160293	0.06339625	3.74E-05	0.0065941	0.263
9mo_SIGAF3_	0.01632473	0.09253449	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.02141451	0.12394352	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.01558533	0.08797163	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.05019493	0.3015475	5.78E-05	0.0052091	0.0010449
9mo_SIGAF3_	0.02217632	0.12864469	4.26E-05	0.0051742	-0.068556
9mo_SIGAF3_	0.02202206	0.1276927	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.01750846	0.09983927	4.06E-05	0.0056572	0.046584

9mo_SIGAF3_	0.09017308	0.5482527	4.88E-05	0.0086895	-0.47194
9mo_SIGAF3_	0.09901255	0.6028011	5.45E-05	0.0045382	-1.1701
9mo_SIGAF3_	0.01268599	0.0700798	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.03280434	0.19423021	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.06092295	0.3677501	6.38E-05	0.0072613	0.09374
9mo_SIGAF3_	0.02040166	0.11769323	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01318991	0.07318954	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.01676579	0.09525629	4.00E-05	0.0058035	0.063215
9mo_SIGAF3_	0.08714167	0.52954584	4.78E-05	0.010952	-0.25808
9mo_SIGAF3_	0.05571726	0.3356258	6.21E-05	0.005966	0.043089
9mo_SIGAF3_	0.02490196	0.1454646	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.01784689	0.10192777	4.06E-05	0.0056572	0.030658
9mo_SIGAF3_	0.08478208	0.5149848	4.76E-05	0.012404	-0.069378
9mo_SIGAF3_	0.01971531	0.11345775	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01954866	0.11242937	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.02808778	0.16512431	4.48E-05	0.0047558	-0.12174
9mo_SIGAF3_	0.04835171	0.29017302	5.63E-05	0.005054	-0.0087048
9mo_SIGAF3_	0.01601697	0.09063532	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.07258822	0.43973652	5.54E-05	0.012382	0.24373
9mo_SIGAF3_	0.03240833	0.19178644	4.62E-05	0.0046026	-0.11603
9mo_SIGAF3_	0.06865919	0.41549045	5.93E-05	0.010465	0.21248
9mo_SIGAF3_	0.03692348	0.21964936	4.81E-05	0.0045652	-0.088896
9mo_SIGAF3_	0.02167158	0.12552993	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.09686974	0.5895778	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.07480902	0.45344105	5.28E-05	0.013537	0.24193
9mo_SIGAF3_	0.06735813	0.4074616	6.03E-05	0.009922	0.19037
9mo_SIGAF3_	0.04137906	0.24714476	5.05E-05	0.0046492	-0.054504
9mo_SIGAF3_	0.02162815	0.1252619	4.24E-05	0.0052258	-0.059109
9mo_SIGAF3_	0.02851231	0.16774409	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.02490696	0.14549544	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.0686525	0.4154492	5.93E-05	0.010465	0.21248
9mo_SIGAF3_	0.01827445	0.10456621	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02418887	0.14106414	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02506078	0.14644466	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.08095212	0.49135017	4.85E-05	0.0141	0.12269
9mo_SIGAF3_	0.00601922	0.0289392	3.44E-05	0.0077366	0.50694
9mo_SIGAF3_	0.02977628	0.175544	4.53E-05	0.0046846	-0.12301
9mo_SIGAF3_	0.02080939	0.12020933	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02670322	0.15658018	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.0282351	0.1660334	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.01285888	0.07114671	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.07674823	0.46540794	5.13E-05	0.014025	0.22047
9mo_SIGAF3_	0.00987211	0.05271535	3.65E-05	0.0069072	0.33263

9mo_SIGAF3_	0.01340652	0.07452624	3.83E-05	0.0063061	0.19734
9mo_SIGAF3_	0.0409544	0.2445242	5.02E-05	0.0046325	-0.058715
9mo_SIGAF3_	0.05791273	0.34917405	6.32E-05	0.0064035	0.06315
9mo_SIGAF3_	0.06663055	0.40297174	6.12E-05	0.0093985	0.18233
9mo_SIGAF3_	0.03249227	0.19230437	4.62E-05	0.0046026	-0.11603
9mo_SIGAF3_	0.01536279	0.08659838	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.06987128	0.4229703	5.82E-05	0.011019	0.22487
9mo_SIGAF3_	0.0138819	0.07745978	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.02422497	0.14128688	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.02540055	0.1485414	4.38E-05	0.0049138	-0.10813
9mo_SIGAF3_	0.02692455	0.15794599	4.44E-05	0.004813	-0.11546
9mo_SIGAF3_	0.0249541	0.14578635	4.38E-05	0.0049138	-0.10343
9mo_SIGAF3_	0.03757	0.22363904	4.84E-05	0.0045696	-0.084703
9mo_SIGAF3_	0.09141307	0.5559046	4.93E-05	0.0079874	-0.60562
9mo_SIGAF3_	0.08766076	0.5327491	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.01481655	0.08322749	3.92E-05	0.0060428	0.1363
9mo_SIGAF3_	0.07069143	0.4280314	5.71E-05	0.011574	0.23016
9mo_SIGAF3_	0.08127264	0.49332806	4.83E-05	0.013957	0.10139
9mo_SIGAF3_	0.01906382	0.1094374	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.01797435	0.10271431	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.03108987	0.18365018	4.58E-05	0.00463	-0.12145
9mo_SIGAF3_	0.00997043	0.05332208	3.65E-05	0.0069072	0.33263
9mo_SIGAF3_	0.01270335	0.07018693	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.0298712	0.17612977	4.55E-05	0.0046645	-0.12301
9mo_SIGAF3_	0.02124833	0.12291803	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.0218285	0.12649828	4.26E-05	0.0051742	-0.059109
9mo_SIGAF3_	0.02807876	0.16506861	4.48E-05	0.0047558	-0.12174
9mo_SIGAF3_	0.03558849	0.21141116	4.74E-05	0.0045622	-0.10068
9mo_SIGAF3_	0.01666509	0.09463485	4.00E-05	0.0058035	0.080526
9mo_SIGAF3_	0.03475831	0.20628811	4.72E-05	0.0045646	-0.10426
9mo_SIGAF3_	0.02150833	0.12452247	4.24E-05	0.0052258	-0.04878
9mo_SIGAF3_	0.02408039	0.14039467	4.34E-05	0.0049916	-0.091842
9mo_SIGAF3_	0.0910004	0.5533581	4.91E-05	0.0083333	-0.56091
9mo_SIGAF3_	0.07731763	0.4689217	5.09E-05	0.014141	0.21153
9mo_SIGAF3_	0.03257927	0.1928413	4.64E-05	0.0045915	-0.11603
9mo_SIGAF3_	0.01787692	0.10211308	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.08011454	0.4861814	4.90E-05	0.014278	0.14202
9mo_SIGAF3_	0.01377366	0.07679182	3.86E-05	0.0062156	0.17645
9mo_SIGAF3_	0.03892208	0.23198275	4.89E-05	0.0045836	-0.071721
9mo_SIGAF3_	0.01993746	0.11482863	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.08936175	0.543246	4.84E-05	0.0094274	-0.42792
9mo_SIGAF3_	0.02487394	0.14529166	4.36E-05	0.0049516	-0.10343
9mo_SIGAF3_	0.07790026	0.47251713	5.05E-05	0.014229	0.20103

9mo_SIGAF3_	0.01977096	0.11380116	4.16E-05	0.0053955	-0.012659
9mo_SIGAF3_	0.01283425	0.07099476	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.03593033	0.21352065	4.77E-05	0.0045615	-0.096915
9mo_SIGAF3_	0.01288699	0.0713202	3.80E-05	0.0063994	0.21875
9mo_SIGAF3_	0.08754151	0.53201324	4.79E-05	0.010571	-0.29935
9mo_SIGAF3_	0.01842399	0.10548902	4.11E-05	0.0055212	0.015459
9mo_SIGAF3_	0.02337396	0.13603528	4.32E-05	0.0050338	-0.084895
9mo_SIGAF3_	0.03818758	0.22745016	4.87E-05	0.0045758	-0.080425
9mo_SIGAF3_	0.0075954	0.03866577	3.53E-05	0.0073641	0.43054
9mo_SIGAF3_	0.01222779	0.06725225	3.77E-05	0.0064954	0.24064
9mo_SIGAF3_	0.09401506	0.5719615	5.09E-05	0.0064439	-0.82618
9mo_SIGAF3_	0.01599477	0.09049828	3.98E-05	0.0058806	0.098494
9mo_SIGAF3_	0.03644532	0.21669866	4.79E-05	0.0045625	-0.092976
9mo_SIGAF3_	0.07556594	0.45811203	5.23E-05	0.013721	0.23858
9mo_SIGAF3_	0.07111234	0.43062887	5.65E-05	0.011849	0.23476
9mo_SIGAF3_	0.02301205	0.13380197	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.02041642	0.11778434	4.19E-05	0.0053364	-0.025531
9mo_SIGAF3_	0.01534748	0.08650391	3.95E-05	0.0059603	0.11709
9mo_SIGAF3_	0.01819168	0.10405546	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.02234252	0.12967032	4.28E-05	0.005125	-0.068556
9mo_SIGAF3_	0.05305	0.31916612	6.01E-05	0.0055357	0.022172
9mo_SIGAF3_	0.07813102	0.47394115	5.01E-05	0.014289	0.20103
9mo_SIGAF3_	0.03458231	0.20520206	4.70E-05	0.0045688	-0.10426
9mo_SIGAF3_	0.01823194	0.10430388	4.09E-05	0.0055879	0.030658
9mo_SIGAF3_	0.06233717	0.37647727	6.35E-05	0.0078047	0.11565
9mo_SIGAF3_	0.01924015	0.11052554	4.14E-05	0.0054571	0.0010121
9mo_SIGAF3_	0.02274768	0.13217054	4.30E-05	0.0050782	-0.077142
9mo_SIGAF3_	0.07755847	0.47040796	5.05E-05	0.014229	0.21153
9mo_SIGAF3_	0.10097572	0.6149158	5.62E-05	0.0040352	-1.2563
9mo_SIGAF3_	0.09676357	0.58892256	5.28E-05	0.0052469	-1.03
9mo_SIGAF3_	0.04269694	0.2552774	5.13E-05	0.0046879	-0.042593
9mo_SIGAF3_	0.0084	0.04363097	3.56E-05	0.0072456	0.40559
9mo_SIGAF3_	0.02846904	0.16747703	4.49E-05	0.0047302	-0.12174
9mo_SIGAF3_	0.02070006	0.11953468	4.21E-05	0.0052798	-0.037579
9mo_SIGAF3_	0.02107736	0.12186299	4.21E-05	0.0052798	-0.04878
9mo_SIGAF3_	0.08107315	0.49209702	4.85E-05	0.0141	0.10139
5mo_SIGAE9_	0.01060128	0.0572151	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.08388984	0.50947875	4.77E-05	0.013036	-0.036078
5mo_SIGAE9_	0.06602041	0.39920655	6.16E-05	0.0091463	0.17407
5mo_SIGAE9_	0.01981243	0.11405709	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.05578442	0.33604023	6.21E-05	0.005966	0.043089
5mo_SIGAE9_	0.0574794	0.3465	6.32E-05	0.0064035	0.057806
5mo_SIGAE9_	0.02500892	0.14612465	4.38E-05	0.0049138	-0.10343

5mo_SIGAE9_	0.08936404	0.5432601	4.84E-05	0.0094274	-0.42792
5mo_SIGAE9_	0.02929161	0.17255312	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.07778555	0.47180927	5.05E-05	0.014229	0.20103
5mo_SIGAE9_	0.0179295	0.10243755	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01414782	0.07910079	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.03275788	0.19394347	4.64E-05	0.0045915	-0.11603
5mo_SIGAE9_	0.09435084	0.5740336	5.13E-05	0.0061762	-0.82618
5mo_SIGAE9_	0.04501794	0.26960027	5.34E-05	0.0048194	-0.028317
5mo_SIGAE9_	0.01164942	0.06368316	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.04153146	0.24808523	5.05E-05	0.0046492	-0.054504
5mo_SIGAE9_	0.01960308	0.11276521	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.03237832	0.19160122	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.01550202	0.08745758	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.03624809	0.21548155	4.77E-05	0.0045615	-0.092976
5mo_SIGAE9_	0.01953076	0.1123189	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.02621635	0.15357572	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.04749735	0.28490075	5.53E-05	0.0049654	-0.01514
5mo_SIGAE9_	0.02530188	0.14793248	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.01269927	0.0701618	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.01452787	0.08144606	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.07726244	0.46858114	5.09E-05	0.014141	0.21153
5mo_SIGAE9_	0.02749651	0.16147557	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.02301429	0.1338158	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.06985711	0.42288285	5.82E-05	0.011019	0.22487
5mo_SIGAE9_	0.09986054	0.608034	5.53E-05	0.004262	-1.2008
5mo_SIGAE9_	0.01333933	0.0741116	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.06577326	0.39768142	6.16E-05	0.0091463	0.16566
5mo_SIGAE9_	0.0162234	0.09190919	3.98E-05	0.0058806	0.080526
5mo_SIGAE9_	0.04664156	0.27961966	5.49E-05	0.0049251	-0.018376
5mo_SIGAE9_	0.00843429	0.04384259	3.56E-05	0.0072456	0.40559
5mo_SIGAE9_	0.01987257	0.11442825	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.09208287	0.560038	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.01805108	0.10318781	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02949761	0.17382438	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.02662714	0.15611066	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.08458423	0.51376384	4.76E-05	0.012404	-0.069378
5mo_SIGAE9_	0.02671661	0.15666279	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.07431174	0.45037237	5.33E-05	0.013335	0.24406
5mo_SIGAE9_	0.08351176	0.50714564	4.77E-05	0.013036	-0.0045591
5mo_SIGAE9_	0.01644741	0.09329153	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.07700252	0.46697715	5.09E-05	0.014141	0.22047
5mo_SIGAE9_	0.01332854	0.07404497	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01140367	0.06216662	3.74E-05	0.0065941	0.263

5mo_SIGAE9_	0.02020557	0.11648314	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.03546414	0.21064381	4.74E-05	0.0045622	-0.10068
5mo_SIGAE9_	0.01593941	0.09015668	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.02479624	0.14481221	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.06767964	0.4094457	6.03E-05	0.009922	0.19812
5mo_SIGAE9_	0.00709737	0.03559244	3.50E-05	0.0074854	0.45576
5mo_SIGAE9_	0.01671157	0.09492166	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.0185008	0.10596301	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01925759	0.11063315	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.03522049	0.20914024	4.74E-05	0.0045622	-0.10068
5mo_SIGAE9_	0.02676283	0.15694803	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.00664231	0.03278427	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.01277657	0.07063882	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.08320422	0.50524783	4.78E-05	0.013315	-0.0045591
5mo_SIGAE9_	0.01557049	0.08788011	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.00738325	0.03735664	3.50E-05	0.0074854	0.45576
5mo_SIGAE9_	0.03034865	0.17907615	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.06843238	0.4140908	5.93E-05	0.010465	0.20551
5mo_SIGAE9_	0.02955574	0.17418309	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.01828729	0.10464548	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01882991	0.10799398	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.02204959	0.12786262	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.07616724	0.46182266	5.18E-05	0.013885	0.22792
5mo_SIGAE9_	0.08660135	0.5262115	4.77E-05	0.01133	-0.21781
5mo_SIGAE9_	0.04786416	0.28716433	5.58E-05	0.0050083	-0.01192
5mo_SIGAE9_	0.03605701	0.21430244	4.77E-05	0.0045615	-0.096915
5mo_SIGAE9_	0.0928798	0.56495583	5.02E-05	0.0070215	-0.69483
5mo_SIGAE9_	0.01459146	0.08183847	3.89E-05	0.0061278	0.1363
5mo_SIGAE9_	0.01896674	0.10883834	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.05967096	0.3600241	6.37E-05	0.0069445	0.080679
5mo_SIGAE9_	0.03138578	0.18547626	4.58E-05	0.00463	-0.12002
5mo_SIGAE9_	0.01983729	0.1142105	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.09052116	0.5504007	4.91E-05	0.0083333	-0.51631
5mo_SIGAE9_	0.02886244	0.16990472	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.08423115	0.511585	4.76E-05	0.012731	-0.036078
5mo_SIGAE9_	0.038643	0.23026055	4.89E-05	0.0045836	-0.076088
5mo_SIGAE9_	0.03555011	0.21117431	4.74E-05	0.0045622	-0.10068
5mo_SIGAE9_	0.01994506	0.11487553	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.10086012	0.6142024	5.62E-05	0.0040352	-1.2563
5mo_SIGAE9_	0.00690965	0.03443402	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.02590431	0.15165009	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.01268119	0.0700502	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.1021443	0.62212706	5.70E-05	0.0038563	-1.3227

5mo_SIGAE9_	0.02349103	0.13675772	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.02087883	0.12063786	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.08195053	0.49751136	4.81E-05	0.013778	0.078055
5mo_SIGAE9_	0.02255149	0.13095982	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.03525397	0.20934686	4.74E-05	0.0045622	-0.10068
5mo_SIGAE9_	0.00310237	0.01093932	3.26E-05	0.0085576	0.66457
5mo_SIGAE9_	0.01716222	0.09770265	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.08810635	0.53549886	4.80E-05	0.010188	-0.3415
5mo_SIGAE9_	0.0954707	0.58094424	5.20E-05	0.0056833	-0.91061
5mo_SIGAE9_	0.04914339	0.29505846	5.68E-05	0.0051026	-0.0022352
5mo_SIGAE9_	0.01325112	0.07356723	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.072687	0.4403461	5.49E-05	0.012637	0.24373
5mo_SIGAE9_	0.00246329	0.00699552	3.23E-05	0.0087041	0.69119
5mo_SIGAE9_	0.09942353	0.6053372	5.49E-05	0.0043938	-1.2008
5mo_SIGAE9_	0.01111802	0.06040388	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.01014099	0.05437463	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.00784242	0.04019018	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.01394584	0.07785439	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.03683393	0.21909678	4.81E-05	0.0045652	-0.088896
5mo_SIGAE9_	0.01218824	0.06700819	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.02151411	0.12455818	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.09198478	0.5594327	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.09621019	0.5855077	5.24E-05	0.0054581	-0.99133
5mo_SIGAE9_	0.02508208	0.14657609	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.00973865	0.05189178	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.07593188	0.46037027	5.18E-05	0.013885	0.23393
5mo_SIGAE9_	0.01534156	0.08646736	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.0099348	0.05310226	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.09455007	0.575263	5.13E-05	0.0061762	-0.8688
5mo_SIGAE9_	0.02943411	0.17343248	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.08773925	0.5332335	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.08112195	0.49239817	4.85E-05	0.0141	0.10139
5mo_SIGAE9_	0.00629705	0.0306537	3.44E-05	0.0077366	0.50694
5mo_SIGAE9_	0.09657497	0.5877587	5.28E-05	0.0052469	-0.99133
5mo_SIGAE9_	0.0235556	0.1371562	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.01286567	0.07118861	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.0169892	0.09663492	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.08134575	0.49377924	4.83E-05	0.013957	0.10139
5mo_SIGAE9_	0.05688686	0.34284344	6.30E-05	0.0062853	0.05269
5mo_SIGAE9_	0.01265397	0.06988223	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.01490062	0.08374632	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.12042033	0.73490846	6.75E-05	0.0049988	-1.0756
5mo_SIGAE9_	0.01721037	0.0979998	4.03E-05	0.005729	0.063215

5mo_SIGAE9_	0.02608448	0.15276192	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.03005376	0.17725636	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.02903992	0.17099994	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.01208896	0.06639558	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.02142072	0.12398184	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.08733282	0.5307254	4.79E-05	0.010571	-0.25808
5mo_SIGAE9_	0.08940351	0.54350364	4.86E-05	0.0090548	-0.42792
5mo_SIGAE9_	0.09794535	0.5962153	5.36E-05	0.0048658	-1.1032
5mo_SIGAE9_	0.02755689	0.16184819	4.46E-05	0.0047834	-0.12024
5mo_SIGAE9_	0.09472048	0.5763147	5.13E-05	0.0061762	-0.8688
5mo_SIGAE9_	0.00814602	0.04206364	3.56E-05	0.0072456	0.40559
5mo_SIGAE9_	0.02149082	0.12441446	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.02104542	0.12166586	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.01456666	0.08168542	3.89E-05	0.0061278	0.1363
5mo_SIGAE9_	0.07553139	0.4578988	5.23E-05	0.013721	0.23858
5mo_SIGAE9_	0.0306709	0.18106472	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.01519587	0.0855683	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.06525499	0.39448318	6.20E-05	0.0089013	0.15715
5mo_SIGAE9_	0.01838417	0.10524333	4.09E-05	0.0055879	0.015459
5mo_SIGAE9_	0.02670891	0.15661527	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.09117825	0.5544556	4.93E-05	0.0079874	-0.56091
5mo_SIGAE9_	0.08850566	0.53796303	4.82E-05	0.0098057	-0.3415
5mo_SIGAE9_	0.03348582	0.1984356	4.66E-05	0.0045822	-0.11071
5mo_SIGAE9_	0.02721372	0.15973048	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.0199971	0.1151967	4.16E-05	0.0053955	-0.025531
5mo_SIGAE9_	0.02035876	0.1174285	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.01568142	0.08856461	3.95E-05	0.0059603	0.098494
5mo_SIGAE9_	0.03668059	0.21815053	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.0120203	0.06597184	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.03194384	0.18892004	4.60E-05	0.0046154	-0.11821
5mo_SIGAE9_	0.01758294	0.10029893	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.01330187	0.07388042	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.02526327	0.14769422	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.07653455	0.4640893	5.13E-05	0.014025	0.22792
5mo_SIGAE9_	0.02753611	0.16171992	4.46E-05	0.0047834	-0.12024
5mo_SIGAE9_	0.01464074	0.0821426	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.01454876	0.081575	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01302144	0.07214992	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01634953	0.09268751	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.07956698	0.48280245	4.93E-05	0.014315	0.15946
5mo_SIGAE9_	0.00972504	0.05180783	3.62E-05	0.0070172	0.33263
5mo_SIGAE9_	0.02151441	0.12456002	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.02797287	0.16441521	4.48E-05	0.0047558	-0.12024

5mo_SIGAE9_	0.01548008	0.08732218	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.05400031	0.32503054	6.10E-05	0.005694	0.030074
5mo_SIGAE9_	0.02853119	0.16786058	4.49E-05	0.0047302	-0.12174
5mo_SIGAE9_	0.03925022	0.23400772	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.00896003	0.04708691	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.02381624	0.13876463	4.32E-05	0.0050338	-0.091842
5mo_SIGAE9_	0.0208963	0.12074568	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.07634972	0.46294874	5.18E-05	0.013885	0.22792
5mo_SIGAE9_	0.08781955	0.533729	4.80E-05	0.010188	-0.29935
5mo_SIGAE9_	0.01433919	0.08028173	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01274452	0.07044104	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.09560424	0.5817684	5.20E-05	0.0056833	-0.9515
5mo_SIGAE9_	0.08838282	0.537205	4.82E-05	0.0098057	-0.3415
5mo_SIGAE9_	0.01625329	0.09209361	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.02895126	0.17045285	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.06744755	0.40801346	6.03E-05	0.009922	0.19037
5mo_SIGAE9_	0.09191077	0.558976	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.02199149	0.1275041	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.08753829	0.5319934	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.02720822	0.15969655	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.01276834	0.07058802	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.01858828	0.10650285	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.0319841	0.18916848	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.03641378	0.21650402	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.01684106	0.09572079	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.02949897	0.17383273	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.01668372	0.0947498	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.00745369	0.03779129	3.50E-05	0.0074854	0.45576
5mo_SIGAE9_	0.08413193	0.51097274	4.76E-05	0.012731	-0.036078
5mo_SIGAE9_	0.01392947	0.07775335	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.04305986	0.25751698	5.17E-05	0.0047101	-0.042593
5mo_SIGAE9_	0.02541318	0.14861935	4.38E-05	0.0049138	-0.10813
5mo_SIGAE9_	0.01745757	0.09952524	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.02465918	0.14396642	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.01921416	0.11036515	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.03387399	0.20083097	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.08153219	0.49492976	4.83E-05	0.013957	0.10139
5mo_SIGAE9_	0.0228533	0.13282229	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.02368793	0.13797283	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.08741898	0.53125715	4.79E-05	0.010571	-0.25808
5mo_SIGAE9_	0.0367273	0.21843877	4.79E-05	0.0045625	-0.088896
5mo_SIGAE9_	0.01594671	0.09020174	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.02607505	0.15270372	4.42E-05	0.0048445	-0.11213

5mo_SIGAE9_	0.06715506	0.40620852	6.07E-05	0.0096573	0.19037
5mo_SIGAE9_	0.01376509	0.07673895	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.01446293	0.0810453	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.00911683	0.04805455	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.09440731	0.5743821	5.13E-05	0.0061762	-0.82618
5mo_SIGAE9_	0.01553054	0.08763355	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.0288265	0.16968295	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.0078346	0.04014187	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.01780493	0.10166883	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.01319669	0.07323138	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.09966189	0.6068081	5.49E-05	0.0043938	-1.2008
5mo_SIGAE9_	0.01336355	0.07426103	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.08542695	0.5189643	4.76E-05	0.012059	-0.14081
5mo_SIGAE9_	0.07874681	0.47774118	4.97E-05	0.014318	0.18889
5mo_SIGAE9_	0.0415191	0.24800898	5.05E-05	0.0046492	-0.054504
5mo_SIGAE9_	0.01557402	0.08790186	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01123669	0.06113622	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.03450167	0.20470439	4.70E-05	0.0045688	-0.10761
5mo_SIGAE9_	0.09389956	0.57124877	5.09E-05	0.0064439	-0.7829
5mo_SIGAE9_	0.01644107	0.09325244	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.01514084	0.0852287	3.92E-05	0.0060428	0.11709
5mo_SIGAE9_	0.02670634	0.1565994	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.03486427	0.20694198	4.72E-05	0.0045646	-0.10426
5mo_SIGAE9_	0.01519473	0.08556128	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.0141845	0.07932711	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.03213303	0.19008753	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.05981908	0.36093813	6.37E-05	0.0069445	0.080679
5mo_SIGAE9_	0.0132265	0.07341529	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.02556874	0.14957932	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.04470661	0.2676791	5.30E-05	0.0047888	-0.031751
5mo_SIGAE9_	0.07359772	0.44596615	5.43E-05	0.012883	0.24502
5mo_SIGAE9_	0.03171023	0.18747844	4.60E-05	0.0046154	-0.12002
5mo_SIGAE9_	0.02806947	0.16501133	4.48E-05	0.0047558	-0.12174
5mo_SIGAE9_	0.07624649	0.46231169	5.18E-05	0.013885	0.22792
5mo_SIGAE9_	0.06855691	0.41485932	5.93E-05	0.010465	0.20551
5mo_SIGAE9_	0.01938487	0.11141863	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.01715165	0.09763745	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.09331581	0.56764644	5.06E-05	0.0067258	-0.73907
5mo_SIGAE9_	0.02505844	0.14643025	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.03585149	0.21303412	4.77E-05	0.0045615	-0.096915
5mo_SIGAE9_	0.02398028	0.1397769	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.0863099	0.524413	4.77E-05	0.01133	-0.17867
5mo_SIGAE9_	0.0747116	0.45283988	5.33E-05	0.013335	0.24193

5mo_SIGAE9_	0.02591859	0.15173824	4.40E-05	0.0048781	-0.11213
5mo_SIGAE9_	0.06566207	0.39699525	6.16E-05	0.0091463	0.16566
5mo_SIGAE9_	0.01346426	0.07488252	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.05194191	0.3123281	5.92E-05	0.0053939	0.014768
5mo_SIGAE9_	0.09677278	0.58897936	5.28E-05	0.0052469	-1.03
5mo_SIGAE9_	0.06196224	0.37416363	6.36E-05	0.0076138	0.10802
5mo_SIGAE9_	0.0886492	0.5388488	4.82E-05	0.0098057	-0.3844
5mo_SIGAE9_	0.07388824	0.4477589	5.38E-05	0.013116	0.24502
5mo_SIGAE9_	0.01855995	0.10632804	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.02941258	0.17329963	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.07960204	0.48301882	4.93E-05	0.014315	0.15946
5mo_SIGAE9_	0.03746928	0.2230175	4.84E-05	0.0045696	-0.084703
5mo_SIGAE9_	0.02129122	0.12318271	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.01410199	0.07881799	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01451542	0.08136924	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.08778005	0.5334853	4.80E-05	0.010188	-0.29935
5mo_SIGAE9_	0.02219337	0.12874992	4.26E-05	0.0051742	-0.068556
5mo_SIGAE9_	0.00776293	0.03969964	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.01902457	0.10919523	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.08751884	0.53187335	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.01658221	0.09412339	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.05908591	0.35641372	6.37E-05	0.0067983	0.074574
5mo_SIGAE9_	0.09750516	0.59349895	5.32E-05	0.0050496	-1.0673
5mo_SIGAE9_	0.01469725	0.0824913	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.00822382	0.0425438	3.56E-05	0.0072456	0.40559
5mo_SIGAE9_	0.08530387	0.51820475	4.76E-05	0.012059	-0.10433
5mo_SIGAE9_	0.01817943	0.10397986	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.08743182	0.53133637	4.79E-05	0.010571	-0.25808
5mo_SIGAE9_	0.01575777	0.08903576	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.09027609	0.5488883	4.88E-05	0.0086895	-0.51631
5mo_SIGAE9_	0.01046794	0.05639224	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.09275819	0.5642054	5.02E-05	0.0070215	-0.69483
5mo_SIGAE9_	0.0186136	0.10665909	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01521874	0.08570941	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.02802116	0.16471317	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.00686372	0.03415063	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.01510634	0.08501581	3.92E-05	0.0060428	0.11709
5mo_SIGAE9_	0.08937446	0.5433244	4.84E-05	0.0094274	-0.42792
5mo_SIGAE9_	0.01741692	0.09927442	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.09359558	0.5693729	5.06E-05	0.0067258	-0.7829
5mo_SIGAE9_	0.0204581	0.1180415	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.09957762	0.6062881	5.49E-05	0.0043938	-1.2008
5mo_SIGAE9_	0.02271489	0.13196822	4.28E-05	0.005125	-0.077142

5mo_SIGAE9_	0.01228704	0.06761791	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.01783571	0.10185879	4.06E-05	0.0056572	0.030658
5mo_SIGAE9_	0.01022281	0.05487955	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.06048928	0.36507392	6.38E-05	0.0070986	0.09374
5mo_SIGAE9_	0.08362947	0.5078721	4.77E-05	0.013036	-0.0045591
5mo_SIGAE9_	0.03879276	0.23118469	4.89E-05	0.0045836	-0.076088
5mo_SIGAE9_	0.0134524	0.07480933	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.05920925	0.3571749	6.37E-05	0.0067983	0.074574
5mo_SIGAE9_	0.02323569	0.13518202	4.30E-05	0.0050782	-0.084895
5mo_SIGAE9_	0.00445327	0.01927573	3.35E-05	0.0081345	0.58516
5mo_SIGAE9_	0.04000691	0.23867726	4.95E-05	0.0046046	-0.063007
5mo_SIGAE9_	0.07563791	0.45855618	5.23E-05	0.013721	0.23393
5mo_SIGAE9_	0.08774076	0.5332428	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.03294451	0.19509517	4.64E-05	0.0045915	-0.11352
5mo_SIGAE9_	0.01133944	0.06177029	3.71E-05	0.0066957	0.263
5mo_SIGAE9_	0.00950883	0.05047356	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.00864913	0.04516834	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.01953507	0.11234552	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.01781979	0.10176053	4.06E-05	0.0056572	0.030658
5mo_SIGAE9_	0.09222954	0.56094307	4.99E-05	0.0073308	-0.6503
5mo_SIGAE9_	0.02049952	0.11829715	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.03068607	0.18115836	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.0091123	0.04802656	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.01266119	0.0699268	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.06914082	0.41846263	5.87E-05	0.010741	0.21895
5mo_SIGAE9_	0.01724996	0.09824406	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.01186536	0.06501572	3.74E-05	0.0065941	0.24064
5mo_SIGAE9_	0.09182438	0.55844283	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.06219723	0.37561375	6.36E-05	0.0076138	0.11565
5mo_SIGAE9_	0.02541526	0.14863215	4.38E-05	0.0049138	-0.10813
5mo_SIGAE9_	0.02481539	0.14493038	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.01463355	0.08209819	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.03313767	0.19628714	4.66E-05	0.0045822	-0.11352
5mo_SIGAE9_	0.08226814	0.4994713	4.81E-05	0.013778	0.05262
5mo_SIGAE9_	0.01887072	0.10824584	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01901192	0.10911712	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.070768	0.42850393	5.71E-05	0.011574	0.23476
5mo_SIGAE9_	0.02089019	0.12070794	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.0287165	0.16900413	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.02471883	0.1443345	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.01982333	0.11412435	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.02915081	0.17168428	4.51E-05	0.0047064	-0.1231
5mo_SIGAE9_	0.02914422	0.17164361	4.51E-05	0.0047064	-0.12268

5mo_SIGAE9_	0.0817087	0.496019	4.83E-05	0.013957	0.078055
5mo_SIGAE9_	0.01793204	0.10245318	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.07112318	0.43069574	5.65E-05	0.011849	0.23476
5mo_SIGAE9_	0.08842304	0.5374532	4.82E-05	0.0098057	-0.3415
5mo_SIGAE9_	0.0679711	0.41124424	5.98E-05	0.010192	0.19812
5mo_SIGAE9_	0.09774055	0.5949515	5.36E-05	0.0048658	-1.0673
5mo_SIGAE9_	0.01771808	0.10113283	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.0367836	0.21878618	4.79E-05	0.0045625	-0.088896
5mo_SIGAE9_	0.01881174	0.10788182	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.02336139	0.13595776	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.0416783	0.2489914	5.05E-05	0.0046492	-0.0504
5mo_SIGAE9_	0.05804306	0.3499783	6.34E-05	0.0065282	0.06315
5mo_SIGAE9_	0.01899441	0.10900912	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.01255058	0.06924423	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.05094671	0.30618677	5.87E-05	0.0053288	0.0077602
5mo_SIGAE9_	0.01346631	0.0748952	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.07819184	0.47431645	5.01E-05	0.014289	0.20103
5mo_SIGAE9_	0.0612601	0.3698307	6.37E-05	0.0074328	0.10072
5mo_SIGAE9_	0.08701418	0.52875906	4.78E-05	0.010952	-0.25808
5mo_SIGAE9_	0.02263819	0.1314949	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.02889846	0.17012699	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.00523561	0.02410355	3.38E-05	0.0079991	0.55892
5mo_SIGAE9_	0.04721604	0.2831648	5.53E-05	0.0049654	-0.01514
5mo_SIGAE9_	0.01661158	0.09430466	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.02850656	0.16770858	4.49E-05	0.0047302	-0.12174
5mo_SIGAE9_	0.03168714	0.18733597	4.60E-05	0.0046154	-0.12002
5mo_SIGAE9_	0.01293648	0.07162558	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.08932836	0.54303986	4.84E-05	0.0094274	-0.42792
5mo_SIGAE9_	0.02984708	0.17598096	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.02601089	0.15230782	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.01550172	0.08745568	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01102559	0.05983349	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.01122874	0.06108716	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.09940156	0.60520166	5.49E-05	0.0043938	-1.2008
5mo_SIGAE9_	0.01419233	0.07937544	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01353147	0.07529731	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.03156667	0.18659253	4.60E-05	0.0046154	-0.12002
5mo_SIGAE9_	0.01124184	0.06116798	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.02491779	0.14556229	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.08908379	0.54153067	4.84E-05	0.0094274	-0.3844
5mo_SIGAE9_	0.08342029	0.5065812	4.78E-05	0.013315	-0.0045591
5mo_SIGAE9_	0.01578402	0.08919776	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.02943943	0.17346533	4.53E-05	0.0046846	-0.1231

5mo_SIGAE9_	0.08742197	0.5312756	4.79E-05	0.010571	-0.25808
5mo_SIGAE9_	0.01536898	0.08663655	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01404626	0.07847404	3.86E-05	0.0062156	0.1561
5mo_SIGAE9_	0.01300655	0.07205802	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.0865872	0.5261242	4.77E-05	0.01133	-0.21781
5mo_SIGAE9_	0.0901752	0.54826576	4.88E-05	0.0086895	-0.47194
5mo_SIGAE9_	0.01781874	0.10175406	4.06E-05	0.0056572	0.030658
5mo_SIGAE9_	0.02231715	0.12951373	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.02283526	0.132711	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.08925984	0.5426171	4.84E-05	0.0094274	-0.42792
5mo_SIGAE9_	0.02429278	0.14170533	4.34E-05	0.0049916	-0.098011
5mo_SIGAE9_	0.01354029	0.07535172	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.02259241	0.1312124	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.02486902	0.1452613	4.36E-05	0.0049516	-0.10343
5mo_SIGAE9_	0.09486017	0.5771767	5.16E-05	0.0059226	-0.8688
5mo_SIGAE9_	0.04841158	0.29054248	5.63E-05	0.005054	-0.0087048
5mo_SIGAE9_	0.03262758	0.19313937	4.64E-05	0.0045915	-0.11603
5mo_SIGAE9_	0.02334647	0.13586564	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.02213817	0.12840922	4.26E-05	0.0051742	-0.068556
5mo_SIGAE9_	0.00688657	0.03429162	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.01557055	0.08788043	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.03007995	0.177418	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.06667218	0.4032286	6.07E-05	0.0096573	0.18233
5mo_SIGAE9_	0.0742188	0.44979885	5.38E-05	0.013116	0.24406
5mo_SIGAE9_	0.02604133	0.15249562	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.02345511	0.13653609	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.04090031	0.24419041	5.02E-05	0.0046325	-0.058715
5mo_SIGAE9_	0.03038373	0.17929262	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.01054761	0.05688386	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.03447932	0.20456651	4.70E-05	0.0045688	-0.10761
5mo_SIGAE9_	0.02139597	0.12382912	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.05175519	0.31117588	5.92E-05	0.0053939	0.011221
5mo_SIGAE9_	0.08830261	0.53671	4.80E-05	0.010188	-0.3415
5mo_SIGAE9_	0.08291759	0.50347906	4.78E-05	0.013315	0.02505
5mo_SIGAE9_	0.04140575	0.24730945	5.05E-05	0.0046492	-0.054504
5mo_SIGAE9_	0.02953398	0.1740488	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.02608521	0.1527664	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.01641993	0.09312197	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.02184188	0.12658083	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01781758	0.10174685	4.06E-05	0.0056572	0.030658
5mo_SIGAE9_	0.0372249	0.22150949	4.81E-05	0.0045652	-0.088896
5mo_SIGAE9_	0.01872105	0.10732219	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.03432158	0.20359305	4.70E-05	0.0045688	-0.10761

5mo_SIGAE9_	0.03539363	0.21020868	4.74E-05	0.0045622	-0.10068
5mo_SIGAE9_	0.02706883	0.15883638	4.44E-05	0.004813	-0.11816
5mo_SIGAE9_	0.01900974	0.10910372	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.07660331	0.46451363	5.13E-05	0.014025	0.22792
5mo_SIGAE9_	0.04101605	0.24490464	5.02E-05	0.0046325	-0.058715
5mo_SIGAE9_	0.01603407	0.09074082	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.02395988	0.139651	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.01317137	0.0730751	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.0906682	0.5513081	4.91E-05	0.0083333	-0.51631
5mo_SIGAE9_	0.01375849	0.07669821	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.03111921	0.18383124	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.0470101	0.2818939	5.49E-05	0.0049251	-0.01514
5mo_SIGAE9_	0.03871901	0.23072958	4.89E-05	0.0045836	-0.076088
5mo_SIGAE9_	0.0821282	0.49860778	4.81E-05	0.013778	0.05262
5mo_SIGAE9_	0.07145761	0.43275952	5.65E-05	0.011849	0.2386
5mo_SIGAE9_	0.02198081	0.12743819	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.02289114	0.13305584	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.0217412	0.12595953	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.0393584	0.23467529	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.02028672	0.11698397	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.08435698	0.5123615	4.76E-05	0.012731	-0.069378
5mo_SIGAE9_	0.02284382	0.13276379	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.09197302	0.5593601	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.03119655	0.18430853	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.0185843	0.10647831	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01896067	0.1088009	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.01432042	0.08016591	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.03109436	0.1836779	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.02207046	0.12799144	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01485148	0.08344308	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.02142114	0.12398447	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.06226846	0.37605327	6.36E-05	0.0076138	0.11565
5mo_SIGAE9_	0.01508359	0.08487545	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.01467847	0.0823754	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.09055261	0.55059475	4.91E-05	0.0083333	-0.51631
5mo_SIGAE9_	0.01471898	0.08262541	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.09006814	0.5476051	4.88E-05	0.0086895	-0.47194
5mo_SIGAE9_	0.02936188	0.17298678	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.02291354	0.13319404	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.01914881	0.10996189	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.01861217	0.10665026	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.0757577	0.45929536	5.23E-05	0.013721	0.23393
5mo_SIGAE9_	0.08325325	0.5055504	4.78E-05	0.013315	-0.0045591

5mo_SIGAE9_	0.01459572	0.08186477	3.89E-05	0.0061278	0.1363
5mo_SIGAE9_	0.02069405	0.11949756	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.03285041	0.19451447	4.64E-05	0.0045915	-0.11603
5mo_SIGAE9_	0.08179048	0.49652365	4.83E-05	0.013957	0.078055
5mo_SIGAE9_	0.00917842	0.04843459	3.59E-05	0.00713	0.35661
5mo_SIGAE9_	0.01239561	0.06828791	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.02116915	0.12242942	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.08550528	0.5194477	4.76E-05	0.012059	-0.14081
5mo_SIGAE9_	0.02478753	0.14475846	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.01069445	0.05779001	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.02768686	0.1626502	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.02901528	0.17084788	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.02343855	0.13643393	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.02989835	0.1762973	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.05184314	0.3117186	5.92E-05	0.0053939	0.014768
5mo_SIGAE9_	0.02740841	0.16093189	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.02309133	0.13429122	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.0273066	0.16030365	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.021349	0.12353928	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.01314479	0.07291105	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.02687421	0.15763536	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.09335271	0.5678742	5.06E-05	0.0067258	-0.73907
5mo_SIGAE9_	0.09316991	0.5667461	5.02E-05	0.0070215	-0.73907
5mo_SIGAE9_	0.04601008	0.27572283	5.39E-05	0.0048522	-0.021643
5mo_SIGAE9_	0.02614674	0.15314612	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.05045504	0.30315265	5.83E-05	0.0052672	0.0043724
5mo_SIGAE9_	0.02586055	0.15138006	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.0164222	0.093136	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.01358181	0.07560795	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.0261431	0.15312365	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.09453598	0.5751762	5.13E-05	0.0061762	-0.8688
5mo_SIGAE9_	0.09895302	0.6024337	5.45E-05	0.0045382	-1.1701
5mo_SIGAE9_	0.00346215	0.01315952	3.29E-05	0.0084138	0.63801
5mo_SIGAE9_	0.01404714	0.07847946	3.86E-05	0.0062156	0.1561
5mo_SIGAE9_	0.0069492	0.03467807	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.08603572	0.52272105	4.76E-05	0.0117	-0.17867
5mo_SIGAE9_	0.01293219	0.07159911	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.01693544	0.09630317	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.08728791	0.53044826	4.79E-05	0.010571	-0.25808
5mo_SIGAE9_	0.06921393	0.41891375	5.87E-05	0.010741	0.21895
5mo_SIGAE9_	0.02300178	0.1337386	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.04478898	0.2681874	5.30E-05	0.0047888	-0.031751
5mo_SIGAE9_	0.02991208	0.17638205	4.55E-05	0.0046645	-0.12301

5mo_SIGAE9_	0.01368873	0.07626774	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.04100957	0.24486464	5.02E-05	0.0046325	-0.058715
5mo_SIGAE9_	0.01333746	0.07410002	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01887466	0.10827015	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.03377024	0.20019075	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.01893305	0.10863043	4.11E-05	0.0055212	0.0010121
5mo_SIGAE9_	0.02739701	0.16086155	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.04378129	0.26196894	5.21E-05	0.0047343	-0.035266
5mo_SIGAE9_	0.02600754	0.1522871	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.08256405	0.50129735	4.79E-05	0.013563	0.05262
5mo_SIGAE9_	0.08328278	0.50573266	4.78E-05	0.013315	-0.0045591
5mo_SIGAE9_	0.07145809	0.4327625	5.65E-05	0.011849	0.2386
5mo_SIGAE9_	0.02802633	0.16474506	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.01094181	0.0593165	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.06133914	0.37031847	6.37E-05	0.0074328	0.10072
5mo_SIGAE9_	0.09303344	0.56590396	5.02E-05	0.0070215	-0.73907
5mo_SIGAE9_	0.04703128	0.28202465	5.49E-05	0.0049251	-0.01514
5mo_SIGAE9_	0.01007201	0.05394894	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.00764458	0.0389693	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.01198695	0.06576607	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.08929886	0.5428578	4.84E-05	0.0094274	-0.42792
5mo_SIGAE9_	0.03084892	0.18216328	4.57E-05	0.0046464	-0.12145
5mo_SIGAE9_	0.02533922	0.14816295	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.02006796	0.11563398	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.08358611	0.5076045	4.77E-05	0.013036	-0.0045591
5mo_SIGAE9_	0.08808074	0.53534085	4.80E-05	0.010188	-0.3415
5mo_SIGAE9_	0.03658635	0.21756895	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.02425604	0.14147864	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.01333644	0.07409373	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01417253	0.07925329	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.04474671	0.26792654	5.30E-05	0.0047888	-0.031751
5mo_SIGAE9_	0.01787388	0.10209433	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02692789	0.15796661	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.01883031	0.10799646	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01604846	0.09082966	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.09867504	0.60071826	5.45E-05	0.0045382	-1.1375
5mo_SIGAE9_	0.04585852	0.27478755	5.39E-05	0.0048522	-0.024952
5mo_SIGAE9_	0.04444424	0.26606002	5.30E-05	0.0047888	-0.031751
5mo_SIGAE9_	0.00911972	0.04807238	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.02602727	0.15240891	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.03362208	0.19927642	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.04729084	0.2836264	5.53E-05	0.0049654	-0.01514
5mo_SIGAE9_	0.07179714	0.43485478	5.60E-05	0.012118	0.2386

5mo_SIGAE9_	0.01056984	0.05702108	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.01247473	0.06877616	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.03538167	0.2101349	4.74E-05	0.0045622	-0.10068
5mo_SIGAE9_	0.01349854	0.07509409	3.83E-05	0.0063061	0.17645
5mo_SIGAE9_	0.01704937	0.09700625	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.02048029	0.11817846	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.0155455	0.08772589	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01781326	0.10172024	4.06E-05	0.0056572	0.030658
5mo_SIGAE9_	0.10161363	0.6188523	5.66E-05	0.0039398	-1.303
5mo_SIGAE9_	0.00833108	0.04320565	3.56E-05	0.0072456	0.40559
5mo_SIGAE9_	0.04048524	0.24162902	4.99E-05	0.0046177	-0.063007
5mo_SIGAE9_	0.07819249	0.47432047	5.01E-05	0.014289	0.20103
5mo_SIGAE9_	0.01280968	0.07084315	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.01122477	0.06106263	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.0260518	0.15256026	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.0282815	0.16631976	4.49E-05	0.0047302	-0.12174
5mo_SIGAE9_	0.00900336	0.0473543	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.01790286	0.10227314	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02569934	0.15038526	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.06116512	0.3692446	6.38E-05	0.0072613	0.10072
5mo_SIGAE9_	0.01916901	0.11008658	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.02405836	0.14025874	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.0425926	0.25463355	5.13E-05	0.0046879	-0.04643
5mo_SIGAE9_	0.05608545	0.33789793	6.24E-05	0.0060668	0.043089
5mo_SIGAE9_	0.02057064	0.11873602	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.0090492	0.04763718	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.02607384	0.15269625	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.08164213	0.49560818	4.83E-05	0.013957	0.078055
5mo_SIGAE9_	0.02863776	0.16851822	4.49E-05	0.0047302	-0.12268
5mo_SIGAE9_	0.01175789	0.06435254	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.01650549	0.09364996	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.01959598	0.11272138	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.03447726	0.2045538	4.70E-05	0.0045688	-0.10761
5mo_SIGAE9_	0.08730993	0.5305842	4.79E-05	0.010571	-0.25808
5mo_SIGAE9_	0.01913899	0.10990132	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.02250901	0.13069773	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.02961705	0.17456141	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.01656527	0.09401888	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.01544544	0.08710838	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.08225665	0.49940044	4.81E-05	0.013778	0.05262
5mo_SIGAE9_	0.01719226	0.09788801	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.01606921	0.09095768	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.01359992	0.07571971	3.86E-05	0.0062156	0.17645

5mo_SIGAE9_	0.09432118	0.5738506	5.13E-05	0.0061762	-0.82618
5mo_SIGAE9_	0.07655406	0.46420974	5.13E-05	0.014025	0.22792
5mo_SIGAE9_	0.07856581	0.47662422	4.97E-05	0.014318	0.18889
5mo_SIGAE9_	0.01887135	0.10824972	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.0289841	0.1706555	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.00602925	0.02900112	3.44E-05	0.0077366	0.50694
5mo_SIGAE9_	0.02247425	0.13048322	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.09586578	0.5833823	5.20E-05	0.0056833	-0.9515
5mo_SIGAE9_	0.09677708	0.58900595	5.28E-05	0.0052469	-1.03
5mo_SIGAE9_	0.02123592	0.12284144	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.01691967	0.09620588	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.03220547	0.19053456	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.01567257	0.08851004	3.95E-05	0.0059603	0.098494
5mo_SIGAE9_	0.01956582	0.11253526	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.01509695	0.08495788	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.02591328	0.15170543	4.40E-05	0.0048781	-0.11213
5mo_SIGAE9_	0.02694066	0.15804544	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.03250551	0.19238612	4.64E-05	0.0045915	-0.11603
5mo_SIGAE9_	0.02539286	0.14849396	4.38E-05	0.0049138	-0.10813
5mo_SIGAE9_	0.04557056	0.27301052	5.39E-05	0.0048522	-0.024952
5mo_SIGAE9_	0.01994485	0.11487429	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.01239516	0.06828514	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.02881097	0.16958708	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.01356337	0.07549411	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.0577815	0.34836426	6.32E-05	0.0064035	0.06315
5mo_SIGAE9_	0.02102539	0.12154228	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.03177999	0.1879089	4.60E-05	0.0046154	-0.12002
5mo_SIGAE9_	0.02190068	0.1269437	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.08682706	0.5276044	4.78E-05	0.010952	-0.21781
5mo_SIGAE9_	0.05981099	0.3608882	6.37E-05	0.0069445	0.080679
5mo_SIGAE9_	0.01872986	0.10737654	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.0171952	0.0979062	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.0197094	0.11342128	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.01607271	0.09097926	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.09327285	0.5673814	5.06E-05	0.0067258	-0.73907
5mo_SIGAE9_	0.06923267	0.41902944	5.87E-05	0.010741	0.21895
5mo_SIGAE9_	0.01299155	0.07196541	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01161022	0.06344122	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.01114665	0.06058057	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.00785038	0.04023925	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.02434218	0.14201017	4.34E-05	0.0049916	-0.098011
5mo_SIGAE9_	0.07206848	0.43652922	5.54E-05	0.012382	0.24161
5mo_SIGAE9_	0.01840366	0.10536357	4.11E-05	0.0055212	0.015459

5mo_SIGAE9_	0.08197331	0.49765193	4.81E-05	0.013778	0.078055
5mo_SIGAE9_	0.08566479	0.520432	4.76E-05	0.0117	-0.14081
5mo_SIGAE9_	0.0193414	0.1111504	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.08256519	0.5013044	4.79E-05	0.013563	0.05262
5mo_SIGAE9_	0.02243895	0.13026534	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.01982616	0.11414182	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.08319081	0.5051651	4.78E-05	0.013315	-0.0045591
5mo_SIGAE9_	0.00458282	0.02007515	3.35E-05	0.0081345	0.58516
5mo_SIGAE9_	0.08434569	0.51229185	4.76E-05	0.012731	-0.069378
5mo_SIGAE9_	0.0895766	0.54457176	4.86E-05	0.0090548	-0.42792
5mo_SIGAE9_	0.02420225	0.14114666	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.04671411	0.28006735	5.49E-05	0.0049251	-0.018376
5mo_SIGAE9_	0.02345058	0.13650812	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.05865626	0.35376236	6.35E-05	0.0066597	0.068735
5mo_SIGAE9_	0.00982345	0.05241509	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.02801793	0.16469325	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.03914882	0.23338196	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.02251793	0.13075276	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.04393851	0.26293918	5.25E-05	0.0047605	-0.035266
5mo_SIGAE9_	0.07275286	0.44075254	5.49E-05	0.012637	0.24373
5mo_SIGAE9_	0.01856739	0.10637394	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.02032821	0.11724	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.03424063	0.20309353	4.70E-05	0.0045688	-0.10761
5mo_SIGAE9_	0.05571515	0.33561277	6.21E-05	0.005966	0.043089
5mo_SIGAE9_	0.02394793	0.13957727	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.03074343	0.18151233	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.08963935	0.544959	4.86E-05	0.0090548	-0.42792
5mo_SIGAE9_	0.01407026	0.07862215	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01619082	0.09170812	3.98E-05	0.0058806	0.080526
5mo_SIGAE9_	0.00425806	0.01807109	3.32E-05	0.0082728	0.61153
5mo_SIGAE9_	0.01456364	0.08166681	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.02554137	0.1494104	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.05950967	0.3590288	6.37E-05	0.0067983	0.080679
5mo_SIGAE9_	0.074872	0.45382974	5.28E-05	0.013537	0.24193
5mo_SIGAE9_	0.01425531	0.07976408	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01323611	0.07347459	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.02507081	0.14650655	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.05309705	0.31945652	6.05E-05	0.0056127	0.022172
5mo_SIGAE9_	0.02250859	0.13069513	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.08688766	0.5279783	4.78E-05	0.010952	-0.21781
5mo_SIGAE9_	0.09075605	0.5518502	4.91E-05	0.0083333	-0.56091
5mo_SIGAE9_	0.02141861	0.12396883	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.02536576	0.14832672	4.38E-05	0.0049138	-0.10343

5mo_SIGAE9_	0.01669816	0.09483893	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.02955199	0.1741599	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.02977432	0.17553194	4.53E-05	0.0046846	-0.12301
5mo_SIGAE9_	0.01345191	0.07480634	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01525895	0.08595757	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.05864986	0.35372293	6.35E-05	0.0066597	0.068735
5mo_SIGAE9_	0.02023312	0.11665317	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.01555751	0.08779999	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.02162871	0.12526534	4.24E-05	0.0052258	-0.059109
5mo_SIGAE9_	0.08766377	0.5327677	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.04333793	0.259233	5.21E-05	0.0047343	-0.038876
5mo_SIGAE9_	0.0066261	0.03268422	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.01328232	0.07375976	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01608161	0.0910342	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.03596417	0.21372946	4.77E-05	0.0045615	-0.096915
5mo_SIGAE9_	0.02091947	0.12088866	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.00942455	0.04995347	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.0230328	0.13393001	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.01153943	0.0630044	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.0910111	0.55342406	4.91E-05	0.0083333	-0.56091
5mo_SIGAE9_	0.09518661	0.57919115	5.16E-05	0.0059226	-0.91061
5mo_SIGAE9_	0.01469475	0.08247589	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.02110318	0.12202229	4.21E-05	0.0052798	-0.04878
5mo_SIGAE9_	0.09425646	0.5734512	5.09E-05	0.0064439	-0.82618
5mo_SIGAE9_	0.0099557	0.0532312	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.02522707	0.14747086	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.08889911	0.540391	4.84E-05	0.0094274	-0.3844
5mo_SIGAE9_	0.01823717	0.10433617	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01895232	0.10874937	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.06108168	0.36872968	6.38E-05	0.0072613	0.10072
5mo_SIGAE9_	0.0861408	0.5233695	4.76E-05	0.0117	-0.17867
5mo_SIGAE9_	0.0710567	0.4302855	5.65E-05	0.011849	0.23476
5mo_SIGAE9_	0.00697668	0.03484767	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.02332827	0.13575333	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.02995747	0.17666216	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.06702196	0.40538713	6.07E-05	0.0096573	0.19037
5mo_SIGAE9_	0.0088099	0.04616045	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.02117259	0.12245064	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.02812691	0.16536574	4.48E-05	0.0047558	-0.12174
5mo_SIGAE9_	0.02872609	0.16906328	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.01709134	0.09726527	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.06841189	0.41396442	5.93E-05	0.010465	0.20551
5mo_SIGAE9_	0.08383494	0.50914	4.77E-05	0.013036	-0.036078

5mo_SIGAE9_	0.0198083	0.1140316	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.10295668	0.6271403	5.78E-05	0.003724	-1.3397
5mo_SIGAE9_	0.01975922	0.11372875	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.02604355	0.15250933	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.0206592	0.1192825	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.03088412	0.1823805	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.0517768	0.31130922	5.92E-05	0.0053939	0.011221
5mo_SIGAE9_	0.01905116	0.10935929	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.08778153	0.5334944	4.80E-05	0.010188	-0.29935
5mo_SIGAE9_	0.02508922	0.14662015	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.09396734	0.5716671	5.09E-05	0.0064439	-0.82618
5mo_SIGAE9_	0.01710073	0.0973232	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.0261911	0.15341987	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.02373816	0.13828279	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.04468728	0.26755983	5.30E-05	0.0047888	-0.031751
5mo_SIGAE9_	0.02087371	0.12060627	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.01317002	0.07306676	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.02346393	0.1365905	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.02002221	0.11535163	4.16E-05	0.0053955	-0.025531
5mo_SIGAE9_	0.07542049	0.45721447	5.23E-05	0.013721	0.23858
5mo_SIGAE9_	0.04910443	0.29481804	5.68E-05	0.0051026	-0.0054808
5mo_SIGAE9_	0.08155665	0.4950807	4.83E-05	0.013957	0.078055
5mo_SIGAE9_	0.08041735	0.48805007	4.87E-05	0.014207	0.14202
5mo_SIGAE9_	0.02352092	0.13694221	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.0876851	0.5328994	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.02502683	0.14623515	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.03106523	0.18349814	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.02313205	0.13454251	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.05063854	0.30428505	5.83E-05	0.0052672	0.0043724
5mo_SIGAE9_	0.01052407	0.05673859	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.02017685	0.11630595	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.02533075	0.14811063	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.01466034	0.08226355	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.07504987	0.45492736	5.28E-05	0.013537	0.24193
5mo_SIGAE9_	0.08335445	0.5061749	4.78E-05	0.013315	-0.0045591
5mo_SIGAE9_	0.01568078	0.08856067	3.95E-05	0.0059603	0.098494
5mo_SIGAE9_	0.02061274	0.11899581	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.0432853	0.25890818	5.17E-05	0.0047101	-0.038876
5mo_SIGAE9_	0.00936374	0.04957822	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.09559093	0.5816862	5.20E-05	0.0056833	-0.9515
5mo_SIGAE9_	0.0170036	0.09672383	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.01558583	0.08797474	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.02311887	0.13446116	4.30E-05	0.0050782	-0.077142

5mo_SIGAE9_	0.01292317	0.07154347	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.02174955	0.12601106	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.02888972	0.17007305	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.01717469	0.0977796	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.01153079	0.06295108	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.01868594	0.10710552	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.0190016	0.10905348	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.07668903	0.4650426	5.13E-05	0.014025	0.22047
5mo_SIGAE9_	0.02400155	0.13990818	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.02171069	0.12577125	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01801021	0.10293563	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01683975	0.09571268	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.01529604	0.08618642	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01764931	0.10070847	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.02560047	0.14977509	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.02539642	0.14851592	4.38E-05	0.0049138	-0.10813
5mo_SIGAE9_	0.02993929	0.17654994	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.02830446	0.16646141	4.49E-05	0.0047302	-0.12174
5mo_SIGAE9_	0.01563469	0.08827628	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.07777558	0.4717477	5.05E-05	0.014229	0.20103
5mo_SIGAE9_	0.01389115	0.0775169	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.00918352	0.04846611	3.59E-05	0.00713	0.35661
5mo_SIGAE9_	0.02493471	0.1456667	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.02203309	0.12776081	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01380998	0.07701595	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.01009887	0.0541147	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.02519502	0.1472731	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.04811763	0.2887285	5.58E-05	0.0050083	-0.0087048
5mo_SIGAE9_	0.0209161	0.12086786	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.0198226	0.11411987	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.02564524	0.15005139	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.00934521	0.04946386	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.01208004	0.06634049	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.09394979	0.5715587	5.09E-05	0.0064439	-0.7829
5mo_SIGAE9_	0.02332369	0.13572508	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.0687042	0.41576824	5.93E-05	0.010465	0.21248
5mo_SIGAE9_	0.02211411	0.12826079	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01682076	0.0955955	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.03211388	0.18996933	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.07489173	0.45395148	5.28E-05	0.013537	0.24193
5mo_SIGAE9_	0.00968821	0.05158053	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.05584482	0.336413	6.24E-05	0.0060668	0.043089
5mo_SIGAE9_	0.02317793	0.1348256	4.30E-05	0.0050782	-0.077142

5mo_SIGAE9_	0.01686719	0.09588198	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.03375052	0.20006907	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.03939889	0.23492512	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.02019107	0.1163937	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.09189303	0.55886644	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.0315081	0.1862311	4.60E-05	0.0046154	-0.12002
5mo_SIGAE9_	0.02065015	0.11922669	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.01424143	0.07967842	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.02389366	0.13924238	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.06926943	0.4192563	5.87E-05	0.010741	0.21895
5mo_SIGAE9_	0.01211682	0.06656745	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.01739499	0.09913908	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.01771375	0.10110617	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.09030744	0.5490818	4.88E-05	0.0086895	-0.51631
5mo_SIGAE9_	0.06639801	0.40153673	6.12E-05	0.0093985	0.17407
5mo_SIGAE9_	0.06685245	0.40434107	6.07E-05	0.0096573	0.18233
5mo_SIGAE9_	0.0160464	0.09081689	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.10975194	0.6690738	6.22E-05	0.0036587	-1.363
5mo_SIGAE9_	0.03378615	0.20028892	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.00571929	0.02708834	3.41E-05	0.0078664	0.53284
5mo_SIGAE9_	0.01659372	0.09419443	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.00612155	0.02957069	3.44E-05	0.0077366	0.50694
5mo_SIGAE9_	0.02800228	0.16459669	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.03506541	0.20818323	4.72E-05	0.0045646	-0.10426
5mo_SIGAE9_	0.02881678	0.16962294	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.0871017	0.5292992	4.78E-05	0.010952	-0.25808
5mo_SIGAE9_	0.02205523	0.12789741	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.02375792	0.13840471	4.32E-05	0.0050338	-0.091842
5mo_SIGAE9_	0.01573325	0.0888845	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.06741534	0.40781468	6.03E-05	0.009922	0.19037
5mo_SIGAE9_	0.02161397	0.12517437	4.24E-05	0.0052258	-0.059109
5mo_SIGAE9_	0.01056616	0.05699834	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.05126258	0.308136	5.87E-05	0.0053288	0.0077602
5mo_SIGAE9_	0.00639809	0.0312772	3.44E-05	0.0077366	0.50694
5mo_SIGAE9_	0.04222389	0.2523582	5.09E-05	0.0046676	-0.04643
5mo_SIGAE9_	0.01744339	0.09943775	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.06922801	0.41900066	5.87E-05	0.010741	0.21895
5mo_SIGAE9_	0.00755838	0.03843736	3.50E-05	0.0074854	0.43054
5mo_SIGAE9_	0.03814111	0.22716336	4.87E-05	0.0045758	-0.080425
5mo_SIGAE9_	0.02883959	0.1697637	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.09634171	0.58631927	5.24E-05	0.0054581	-0.99133
5mo_SIGAE9_	0.04388379	0.26260146	5.25E-05	0.0047605	-0.035266
5mo_SIGAE9_	0.06410374	0.38737878	6.27E-05	0.0084357	0.14015

5mo_SIGAE9_	0.04427263	0.265001	5.25E-05	0.0047605	-0.035266
5mo_SIGAE9_	0.02408436	0.14041921	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.04819164	0.28918526	5.58E-05	0.0050083	-0.0087048
5mo_SIGAE9_	0.0514801	0.30947828	5.92E-05	0.0053939	0.011221
5mo_SIGAE9_	0.01284098	0.07103629	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.03310925	0.19611177	4.66E-05	0.0045822	-0.11352
5mo_SIGAE9_	0.07537784	0.4569513	5.23E-05	0.013721	0.23858
5mo_SIGAE9_	0.03315624	0.19640177	4.66E-05	0.0045822	-0.11352
5mo_SIGAE9_	0.01201189	0.06591996	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.02493205	0.1456503	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.01547685	0.08730221	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01158186	0.06326622	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.0122662	0.06748929	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.00891422	0.04680425	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.02297496	0.13357309	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.09979501	0.6076296	5.53E-05	0.004262	-1.2008
5mo_SIGAE9_	0.03093597	0.1827005	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.01815215	0.1038115	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02507505	0.14653273	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.0127848	0.0706896	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.02225708	0.12914303	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.06384442	0.38577852	6.30E-05	0.008216	0.14015
5mo_SIGAE9_	0.03277081	0.19402327	4.64E-05	0.0045915	-0.11603
5mo_SIGAE9_	0.09788787	0.5958606	5.36E-05	0.0048658	-1.1032
5mo_SIGAE9_	0.11066515	0.67470926	6.28E-05	0.0037364	-1.3531
5mo_SIGAE9_	0.03104767	0.1833898	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.00908483	0.04785707	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.09285183	0.5647833	5.02E-05	0.0070215	-0.69483
5mo_SIGAE9_	0.02086298	0.12054002	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.03233393	0.1913273	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.0221252	0.12832922	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01999452	0.11518076	4.16E-05	0.0053955	-0.025531
5mo_SIGAE9_	0.08642303	0.52511114	4.77E-05	0.01133	-0.21781
5mo_SIGAE9_	0.02211094	0.1282412	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.08093545	0.49124727	4.85E-05	0.0141	0.12269
5mo_SIGAE9_	0.02658943	0.15587799	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.08656681	0.52599835	4.77E-05	0.01133	-0.21781
5mo_SIGAE9_	0.08521348	0.51764697	4.76E-05	0.012059	-0.10433
5mo_SIGAE9_	0.01893298	0.10863	4.11E-05	0.0055212	0.0010121
5mo_SIGAE9_	0.02755665	0.16184667	4.46E-05	0.0047834	-0.12024
5mo_SIGAE9_	0.08791658	0.5343278	4.80E-05	0.010188	-0.29935
5mo_SIGAE9_	0.07315814	0.4432535	5.43E-05	0.012883	0.24489
5mo_SIGAE9_	0.00986019	0.05264184	3.65E-05	0.0069072	0.33263

5mo_SIGAE9_	0.00767486	0.03915616	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.03436571	0.20386541	4.70E-05	0.0045688	-0.10761
5mo_SIGAE9_	0.01489075	0.08368538	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.0385722	0.22982365	4.89E-05	0.0045836	-0.076088
5mo_SIGAE9_	0.01805092	0.10318685	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02331534	0.13567357	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.01836684	0.10513637	4.09E-05	0.0055879	0.015459
5mo_SIGAE9_	0.01643287	0.09320182	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.01565056	0.08837421	3.95E-05	0.0059603	0.098494
5mo_SIGAE9_	0.02161502	0.12518086	4.24E-05	0.0052258	-0.059109
5mo_SIGAE9_	0.04672939	0.28016168	5.49E-05	0.0049251	-0.018376
5mo_SIGAE9_	0.01337701	0.07434411	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.01443066	0.0808462	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01844295	0.10560604	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.02349334	0.13677198	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.08439762	0.51261234	4.76E-05	0.012731	-0.069378
5mo_SIGAE9_	0.06815969	0.41240802	5.98E-05	0.010192	0.20551
5mo_SIGAE9_	0.00924415	0.0488402	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.01798163	0.10275922	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02418046	0.14101222	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.08704836	0.52897	4.78E-05	0.010952	-0.25808
5mo_SIGAE9_	0.02713929	0.15927115	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.04172432	0.2492754	5.09E-05	0.0046676	-0.0504
5mo_SIGAE9_	0.07653707	0.4641049	5.13E-05	0.014025	0.22792
5mo_SIGAE9_	0.02490569	0.14548764	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.02664567	0.15622506	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.0110946	0.06025936	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.01296075	0.07177536	3.80E-05	0.0063994	0.19734
5mo_SIGAE9_	0.02558255	0.14966449	4.40E-05	0.0048781	-0.10813
5mo_SIGAE9_	0.02211895	0.12829062	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01391055	0.07763659	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.01112171	0.06042663	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.00979502	0.05223964	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.0913803	0.5557024	4.93E-05	0.0079874	-0.60562
5mo_SIGAE9_	0.02400024	0.1399001	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.01089737	0.05904225	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.0839297	0.5097248	4.77E-05	0.013036	-0.036078
5mo_SIGAE9_	0.07574063	0.45919004	5.23E-05	0.013721	0.23393
5mo_SIGAE9_	0.02975548	0.17541566	4.53E-05	0.0046846	-0.12301
5mo_SIGAE9_	0.01360314	0.07573957	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.09574769	0.58265364	5.20E-05	0.0056833	-0.9515
5mo_SIGAE9_	0.04735703	0.28403485	5.53E-05	0.0049654	-0.01514
5mo_SIGAE9_	0.08459902	0.51385516	4.76E-05	0.012404	-0.069378

5mo_SIGAE9_	0.01906122	0.10942135	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.02522109	0.14743392	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.09628595	0.5859752	5.24E-05	0.0054581	-0.99133
5mo_SIGAE9_	0.01385786	0.07731146	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.08776114	0.5333686	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.09197011	0.55934215	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.0181683	0.10391118	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.09448276	0.5748477	5.13E-05	0.0061762	-0.82618
5mo_SIGAE9_	0.02970581	0.17510916	4.53E-05	0.0046846	-0.12301
5mo_SIGAE9_	0.02428326	0.14164658	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.02964096	0.17470895	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.04892029	0.29368168	5.68E-05	0.0051026	-0.0054808
5mo_SIGAE9_	0.01530081	0.08621587	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.09163924	0.5573003	4.96E-05	0.0076529	-0.60562
5mo_SIGAE9_	0.02022575	0.11660771	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.01583587	0.08951775	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.05413245	0.32584596	6.10E-05	0.005694	0.030074
5mo_SIGAE9_	0.06646823	0.40197006	6.12E-05	0.0093985	0.18233
5mo_SIGAE9_	0.02857885	0.16815472	4.49E-05	0.0047302	-0.12174
5mo_SIGAE9_	0.00965757	0.05139147	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.00947413	0.05025942	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.02137341	0.12368992	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.04007364	0.23908901	4.95E-05	0.0046046	-0.063007
5mo_SIGAE9_	0.01708819	0.09724581	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.08995334	0.54689664	4.88E-05	0.0086895	-0.47194
5mo_SIGAE9_	0.01741156	0.09924131	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.0113817	0.06203106	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.02740289	0.16089784	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.03074752	0.18153752	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.02402254	0.14003772	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.0300863	0.17745718	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.01116317	0.06068249	3.71E-05	0.0066957	0.2858
5mo_SIGAE9_	0.01868313	0.10708816	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01293645	0.07162544	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.03323656	0.19689739	4.66E-05	0.0045822	-0.11352
5mo_SIGAE9_	0.08873184	0.5393588	4.82E-05	0.0098057	-0.3844
5mo_SIGAE9_	0.06775887	0.4099346	5.98E-05	0.010192	0.19812
5mo_SIGAE9_	0.01765373	0.10073574	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.01202754	0.06601654	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.01522956	0.0857762	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.01836444	0.10512155	4.09E-05	0.0055879	0.015459
5mo_SIGAE9_	0.03671838	0.21838374	4.79E-05	0.0045625	-0.088896
5mo_SIGAE9_	0.02015353	0.11616204	4.19E-05	0.0053364	-0.025531

5mo_SIGAE9_	0.02123756	0.12285159	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.0157406	0.08892985	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.01920728	0.11032272	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.02047519	0.11814701	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.06416133	0.38773417	6.27E-05	0.0084357	0.14015
5mo_SIGAE9_	0.06249153	0.3774298	6.35E-05	0.0078047	0.11565
5mo_SIGAE9_	0.01652315	0.09375892	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.08403385	0.5103675	4.76E-05	0.012731	-0.036078
5mo_SIGAE9_	0.08127885	0.4933664	4.83E-05	0.013957	0.10139
5mo_SIGAE9_	0.00976981	0.05208405	3.65E-05	0.0069072	0.33263
5mo_SIGAE9_	0.04754774	0.2852117	5.53E-05	0.0049654	-0.01192
5mo_SIGAE9_	0.08494379	0.51598275	4.76E-05	0.012404	-0.10433
5mo_SIGAE9_	0.01140477	0.06217343	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.06819107	0.41260174	5.98E-05	0.010192	0.20551
5mo_SIGAE9_	0.09385445	0.5709704	5.09E-05	0.0064439	-0.7829
5mo_SIGAE9_	0.0182444	0.10438082	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.07500766	0.45466685	5.28E-05	0.013537	0.24193
5mo_SIGAE9_	0.02167007	0.12552062	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01527704	0.08606919	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.06109981	0.3688415	6.38E-05	0.0072613	0.10072
5mo_SIGAE9_	0.02213572	0.12839413	4.26E-05	0.0051742	-0.068556
5mo_SIGAE9_	0.05507396	0.331656	6.17E-05	0.0058704	0.034245
5mo_SIGAE9_	0.02108951	0.12193795	4.21E-05	0.0052798	-0.04878
5mo_SIGAE9_	0.02381182	0.13873735	4.32E-05	0.0050338	-0.091842
5mo_SIGAE9_	0.01817615	0.10395961	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01651597	0.09371465	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.0724024	0.4385898	5.54E-05	0.012382	0.24373
5mo_SIGAE9_	0.07191016	0.4355522	5.60E-05	0.012118	0.24161
5mo_SIGAE9_	0.02719476	0.15961345	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.02192695	0.12710582	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.03108631	0.18362822	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.00970376	0.05167646	3.62E-05	0.0070172	0.35661
5mo_SIGAE9_	0.01539699	0.0868094	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.07723129	0.4683889	5.09E-05	0.014141	0.21153
5mo_SIGAE9_	0.02106217	0.12176924	4.21E-05	0.0052798	-0.04878
5mo_SIGAE9_	0.02109299	0.12195943	4.21E-05	0.0052798	-0.04878
5mo_SIGAE9_	0.01841553	0.10543684	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01887748	0.10828752	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.07274547	0.44070694	5.49E-05	0.012637	0.24373
5mo_SIGAE9_	0.08856574	0.5383338	4.82E-05	0.0098057	-0.3844
5mo_SIGAE9_	0.02351544	0.13690835	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.01469538	0.08247978	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.02740789	0.16092867	4.46E-05	0.0047834	-0.11816

5mo_SIGAE9_	0.06314734	0.38147688	6.33E-05	0.0080056	0.12359
5mo_SIGAE9_	0.0358415	0.21297249	4.77E-05	0.0045615	-0.096915
5mo_SIGAE9_	0.00850916	0.04430462	3.56E-05	0.0072456	0.40559
5mo_SIGAE9_	0.06321438	0.38189057	6.33E-05	0.0080056	0.13178
5mo_SIGAE9_	0.09974591	0.6073266	5.53E-05	0.004262	-1.2008
5mo_SIGAE9_	0.03090013	0.18247929	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.01433382	0.08024859	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.04008599	0.23916526	4.99E-05	0.0046177	-0.063007
5mo_SIGAE9_	0.03705107	0.22043675	4.81E-05	0.0045652	-0.088896
5mo_SIGAE9_	0.02303617	0.13395083	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.08970732	0.54537845	4.86E-05	0.0090548	-0.47194
5mo_SIGAE9_	0.03042197	0.1795286	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.03733134	0.22216627	4.81E-05	0.0045652	-0.084703
5mo_SIGAE9_	0.01754321	0.10005375	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.02302917	0.13390762	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.07756143	0.4704262	5.05E-05	0.014229	0.21153
5mo_SIGAE9_	0.01682992	0.09565201	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.01162745	0.0635476	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.01575797	0.08903703	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.03050582	0.180046	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.06182369	0.37330857	6.36E-05	0.0076138	0.10802
5mo_SIGAE9_	0.01840338	0.10536185	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.07161945	0.43375826	5.60E-05	0.012118	0.2386
5mo_SIGAE9_	0.09212505	0.56029826	4.99E-05	0.0073308	-0.6503
5mo_SIGAE9_	0.05096504	0.30629984	5.87E-05	0.0053288	0.0077602
5mo_SIGAE9_	0.01380576	0.07698991	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.02000032	0.11521657	4.16E-05	0.0053955	-0.025531
5mo_SIGAE9_	0.02981033	0.17575417	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.02098279	0.12127936	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.09068863	0.55143416	4.91E-05	0.0083333	-0.51631
5mo_SIGAE9_	0.04132892	0.24683538	5.05E-05	0.0046492	-0.054504
5mo_SIGAE9_	0.03205939	0.18963313	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.01806954	0.10330174	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02075487	0.11987288	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.03648645	0.21695249	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.02539567	0.14851126	4.38E-05	0.0049138	-0.10813
5mo_SIGAE9_	0.07533227	0.45667005	5.23E-05	0.013721	0.23858
5mo_SIGAE9_	0.02230331	0.12942834	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.02642089	0.1548379	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.03102108	0.18322568	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.01197081	0.06566642	3.77E-05	0.0064954	0.24064
5mo_SIGAE9_	0.01179305	0.06456952	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.03763564	0.22404416	4.84E-05	0.0045696	-0.084703

5mo_SIGAE9_	0.03363587	0.19936158	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.03294926	0.19512448	4.64E-05	0.0045915	-0.11352
5mo_SIGAE9_	0.01790846	0.10230768	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01344401	0.07475758	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.08456409	0.51363957	4.76E-05	0.012404	-0.069378
5mo_SIGAE9_	0.06498165	0.39279637	6.24E-05	0.0086643	0.15715
5mo_SIGAE9_	0.0126947	0.0701336	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.03717486	0.22120067	4.81E-05	0.0045652	-0.088896
5mo_SIGAE9_	0.02195204	0.12726063	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.03642096	0.21654837	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.01173579	0.06421612	3.74E-05	0.0065941	0.263
5mo_SIGAE9_	0.07096912	0.42974505	5.71E-05	0.011574	0.23476
5mo_SIGAE9_	0.03473362	0.20613573	4.72E-05	0.0045646	-0.10426
5mo_SIGAE9_	0.03493669	0.20738891	4.72E-05	0.0045646	-0.10426
5mo_SIGAE9_	0.02429214	0.14170142	4.34E-05	0.0049916	-0.098011
5mo_SIGAE9_	0.08366763	0.50810754	4.77E-05	0.013036	-0.0045591
5mo_SIGAE9_	0.06965829	0.4216559	5.82E-05	0.011019	0.21895
5mo_SIGAE9_	0.08752907	0.53193647	4.79E-05	0.010571	-0.29935
5mo_SIGAE9_	0.0090189	0.04745024	3.59E-05	0.00713	0.38094
5mo_SIGAE9_	0.09352937	0.56896436	5.06E-05	0.0067258	-0.7829
5mo_SIGAE9_	0.0386577	0.23035128	4.89E-05	0.0045836	-0.076088
5mo_SIGAE9_	0.02490241	0.14546739	4.36E-05	0.0049516	-0.10343
5mo_SIGAE9_	0.01622786	0.09193674	3.98E-05	0.0058806	0.080526
5mo_SIGAE9_	0.00748279	0.03797085	3.50E-05	0.0074854	0.45576
5mo_SIGAE9_	0.084203	0.5114113	4.76E-05	0.012731	-0.036078
5mo_SIGAE9_	0.02259844	0.13124958	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.01931764	0.11100373	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.02048938	0.11823456	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.01817834	0.10397314	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.0174207	0.0992977	4.06E-05	0.0056572	0.046584
5mo_SIGAE9_	0.00474691	0.02108778	3.35E-05	0.0081345	0.58516
5mo_SIGAE9_	0.01708747	0.09724137	4.03E-05	0.005729	0.063215
5mo_SIGAE9_	0.02028262	0.11695861	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.08597408	0.52234066	4.76E-05	0.0117	-0.17867
5mo_SIGAE9_	0.09293506	0.5652968	5.02E-05	0.0070215	-0.73907
5mo_SIGAE9_	0.04941844	0.29675576	5.73E-05	0.0051543	-0.0022352
5mo_SIGAE9_	0.030117	0.17764659	4.55E-05	0.0046645	-0.12301
5mo_SIGAE9_	0.01242053	0.06844167	3.77E-05	0.0064954	0.21875
5mo_SIGAE9_	0.099488	0.605735	5.49E-05	0.0043938	-1.2008
5mo_SIGAE9_	0.0084795	0.04412159	3.56E-05	0.0072456	0.40559
5mo_SIGAE9_	0.01435769	0.08039589	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01898073	0.10892466	4.14E-05	0.0054571	0.0010121
5mo_SIGAE9_	0.05805178	0.35003215	6.34E-05	0.0065282	0.06315

5mo_SIGAE9_	0.03209285	0.18983962	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.0181409	0.10374209	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.05002265	0.30048442	5.78E-05	0.0052091	0.0010449
5mo_SIGAE9_	0.08327733	0.505699	4.78E-05	0.013315	-0.0045591
5mo_SIGAE9_	0.08022724	0.48687693	4.87E-05	0.014207	0.14202
5mo_SIGAE9_	0.02378625	0.13857956	4.32E-05	0.0050338	-0.091842
5mo_SIGAE9_	0.00516802	0.02368641	3.38E-05	0.0079991	0.55892
5mo_SIGAE9_	0.09629911	0.5860564	5.24E-05	0.0054581	-0.99133
5mo_SIGAE9_	0.08845373	0.53764254	4.82E-05	0.0098057	-0.3415
5mo_SIGAE9_	0.02472462	0.14437023	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.03201086	0.1893336	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.0488014	0.29294807	5.68E-05	0.0051026	-0.0054808
5mo_SIGAE9_	0.02538568	0.14844966	4.38E-05	0.0049138	-0.10813
5mo_SIGAE9_	0.06942238	0.4202001	5.82E-05	0.011019	0.21895
5mo_SIGAE9_	0.01583927	0.08953873	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.07007481	0.42422628	5.76E-05	0.011297	0.22487
5mo_SIGAE9_	0.09261319	0.5633106	4.99E-05	0.0073308	-0.69483
5mo_SIGAE9_	0.01364272	0.07598379	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.07827828	0.47484988	5.01E-05	0.014289	0.20103
5mo_SIGAE9_	0.0391668	0.23349291	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.04653593	0.27896783	5.44E-05	0.0048874	-0.018376
5mo_SIGAE9_	0.09208867	0.5600738	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.02176305	0.12609437	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.06459868	0.39043307	6.24E-05	0.0086643	0.14863
5mo_SIGAE9_	0.02287488	0.13295552	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.09767246	0.59453136	5.36E-05	0.0048658	-1.0673
5mo_SIGAE9_	0.05721659	0.34487817	6.30E-05	0.0062853	0.05269
5mo_SIGAE9_	0.02406863	0.14032209	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.01883303	0.10801321	4.11E-05	0.0055212	0.015459
5mo_SIGAE9_	0.01564073	0.08831352	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.07082979	0.42888522	5.71E-05	0.011574	0.23476
5mo_SIGAE9_	0.02879095	0.16946355	4.51E-05	0.0047064	-0.12268
5mo_SIGAE9_	0.02121976	0.12274172	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.02737358	0.16071698	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.09523358	0.579481	5.16E-05	0.0059226	-0.91061
5mo_SIGAE9_	0.00572289	0.02711053	3.41E-05	0.0078664	0.53284
5mo_SIGAE9_	0.03651565	0.21713267	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.03751411	0.22329418	4.84E-05	0.0045696	-0.084703
5mo_SIGAE9_	0.05230568	0.31457293	5.97E-05	0.0054628	0.014768
5mo_SIGAE9_	0.08673824	0.5270563	4.78E-05	0.010952	-0.21781
5mo_SIGAE9_	0.01830119	0.10473124	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02075385	0.1198666	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.02561357	0.14985594	4.40E-05	0.0048781	-0.10813

5mo_SIGAE9_	0.07422306	0.44982514	5.38E-05	0.013116	0.24406
5mo_SIGAE9_	0.03056468	0.18040922	4.57E-05	0.0046464	-0.12245
5mo_SIGAE9_	0.02375707	0.13839947	4.32E-05	0.0050338	-0.091842
5mo_SIGAE9_	0.02795461	0.1643025	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.0130963	0.07261183	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.09011846	0.54791564	4.88E-05	0.0086895	-0.47194
5mo_SIGAE9_	0.02742127	0.16101126	4.46E-05	0.0047834	-0.11816
5mo_SIGAE9_	0.03133373	0.18515503	4.58E-05	0.00463	-0.12002
5mo_SIGAE9_	0.02857632	0.16813907	4.49E-05	0.0047302	-0.12174
5mo_SIGAE9_	0.02056337	0.11869114	4.19E-05	0.0053364	-0.037579
5mo_SIGAE9_	0.02628449	0.15399621	4.42E-05	0.0048445	-0.11213
5mo_SIGAE9_	0.09486401	0.5772004	5.16E-05	0.0059226	-0.8688
5mo_SIGAE9_	0.08095544	0.49137062	4.85E-05	0.0141	0.12269
5mo_SIGAE9_	0.01671596	0.09494877	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.09173923	0.55791736	4.96E-05	0.0076529	-0.60562
5mo_SIGAE9_	0.03481635	0.20664628	4.72E-05	0.0045646	-0.10426
5mo_SIGAE9_	0.03362856	0.19931643	4.68E-05	0.0045746	-0.11071
5mo_SIGAE9_	0.08527715	0.5180399	4.76E-05	0.012059	-0.10433
5mo_SIGAE9_	0.03764742	0.22411685	4.84E-05	0.0045696	-0.084703
5mo_SIGAE9_	0.08431326	0.5120917	4.76E-05	0.012731	-0.069378
5mo_SIGAE9_	0.02021583	0.11654649	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.0233649	0.13597941	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.02498576	0.14598176	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.01482986	0.08330967	3.92E-05	0.0060428	0.1363
5mo_SIGAE9_	0.01459645	0.08186926	3.89E-05	0.0061278	0.1363
5mo_SIGAE9_	0.09219724	0.56074375	4.99E-05	0.0073308	-0.6503
5mo_SIGAE9_	0.08388797	0.50946724	4.77E-05	0.013036	-0.036078
5mo_SIGAE9_	0.09941422	0.60527974	5.49E-05	0.0043938	-1.2008
5mo_SIGAE9_	0.0201195	0.115952	4.19E-05	0.0053364	-0.025531
5mo_SIGAE9_	0.02285592	0.13283849	4.30E-05	0.0050782	-0.077142
5mo_SIGAE9_	0.02380327	0.1386846	4.32E-05	0.0050338	-0.091842
5mo_SIGAE9_	0.06931213	0.41951978	5.87E-05	0.010741	0.21895
5mo_SIGAE9_	0.10374276	0.63199115	5.82E-05	0.0036742	-1.3662
5mo_SIGAE9_	0.00677056	0.03357571	3.47E-05	0.0076096	0.48124
5mo_SIGAE9_	0.0179097	0.10231534	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.09169407	0.5576387	4.96E-05	0.0076529	-0.60562
5mo_SIGAE9_	0.01972356	0.11350866	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.08528651	0.51809764	4.76E-05	0.012059	-0.10433
5mo_SIGAE9_	0.03106533	0.18349876	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.02408418	0.14041807	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.0914235	0.555969	4.93E-05	0.0079874	-0.60562
5mo_SIGAE9_	0.01603255	0.09073146	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.12305927	0.7511934	6.86E-05	0.0053184	-1.0121

5mo_SIGAE9_	0.01675362	0.09518116	4.00E-05	0.0058035	0.063215
5mo_SIGAE9_	0.09155554	0.5567838	4.93E-05	0.0079874	-0.60562
5mo_SIGAE9_	0.03825513	0.22786698	4.87E-05	0.0045758	-0.080425
5mo_SIGAE9_	0.08918659	0.54216504	4.84E-05	0.0094274	-0.42792
5mo_SIGAE9_	0.00776047	0.03968446	3.53E-05	0.0073641	0.43054
5mo_SIGAE9_	0.02409449	0.14048171	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.01052671	0.05675488	3.68E-05	0.0068	0.30902
5mo_SIGAE9_	0.07551377	0.4577901	5.23E-05	0.013721	0.23858
5mo_SIGAE9_	0.02665033	0.15625378	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.01553209	0.08764312	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.02478409	0.14473723	4.36E-05	0.0049516	-0.098011
5mo_SIGAE9_	0.01657328	0.09406831	4.00E-05	0.0058035	0.080526
5mo_SIGAE9_	0.02372624	0.13820922	4.32E-05	0.0050338	-0.084895
5mo_SIGAE9_	0.03224077	0.19075243	4.62E-05	0.0046026	-0.11821
5mo_SIGAE9_	0.02493171	0.1456482	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.03117998	0.18420625	4.58E-05	0.00463	-0.12145
5mo_SIGAE9_	0.0335089	0.19857803	4.66E-05	0.0045822	-0.11071
5mo_SIGAE9_	0.08368232	0.5081982	4.77E-05	0.013036	-0.0045591
5mo_SIGAE9_	0.01804408	0.1031446	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.01436468	0.08043905	3.89E-05	0.0061278	0.1561
5mo_SIGAE9_	0.01270719	0.07021064	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.02522887	0.14748193	4.38E-05	0.0049138	-0.10343
5mo_SIGAE9_	0.02087844	0.12063545	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.01831777	0.10483357	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.02953153	0.17403369	4.53E-05	0.0046846	-0.1231
5mo_SIGAE9_	0.02113335	0.12220848	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.03919061	0.23363982	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.01258302	0.06944439	3.80E-05	0.0063994	0.21875
5mo_SIGAE9_	0.01619707	0.0917467	3.98E-05	0.0058806	0.080526
5mo_SIGAE9_	0.08871629	0.53926283	4.82E-05	0.0098057	-0.3844
5mo_SIGAE9_	0.02169127	0.12565143	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.02224829	0.1290888	4.28E-05	0.005125	-0.068556
5mo_SIGAE9_	0.0248845	0.14535686	4.36E-05	0.0049516	-0.10343
5mo_SIGAE9_	0.02791717	0.16407146	4.48E-05	0.0047558	-0.12024
5mo_SIGAE9_	0.02420905	0.14118864	4.34E-05	0.0049916	-0.091842
5mo_SIGAE9_	0.05950998	0.3590307	6.37E-05	0.0067983	0.080679
5mo_SIGAE9_	0.02190843	0.1269915	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.02191429	0.12702769	4.26E-05	0.0051742	-0.059109
5mo_SIGAE9_	0.01727268	0.09838431	4.03E-05	0.005729	0.046584
5mo_SIGAE9_	0.02140916	0.12391053	4.24E-05	0.0052258	-0.04878
5mo_SIGAE9_	0.01993594	0.11481929	4.16E-05	0.0053955	-0.012659
5mo_SIGAE9_	0.09389255	0.5712055	5.09E-05	0.0064439	-0.7829
5mo_SIGAE9_	0.01812975	0.10367328	4.09E-05	0.0055879	0.030658

5mo_SIGAE9_	0.03084955	0.18216716	4.57E-05	0.0046464	-0.12145
5mo_SIGAE9_	0.02671931	0.15667948	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.07627068	0.46246096	5.18E-05	0.013885	0.22792
5mo_SIGAE9_	0.03594643	0.21362004	4.77E-05	0.0045615	-0.096915
5mo_SIGAE9_	0.0266227	0.15608326	4.44E-05	0.004813	-0.11546
5mo_SIGAE9_	0.01791393	0.10234144	4.09E-05	0.0055879	0.030658
5mo_SIGAE9_	0.03841784	0.22887106	4.87E-05	0.0045758	-0.076088
5mo_SIGAE9_	0.03659777	0.21763942	4.79E-05	0.0045625	-0.092976
5mo_SIGAE9_	0.01397689	0.07804599	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.08840013	0.5373118	4.82E-05	0.0098057	-0.3415
5mo_SIGAE9_	0.01603473	0.09074489	3.98E-05	0.0058806	0.098494
5mo_SIGAE9_	0.04039018	0.24104238	4.99E-05	0.0046177	-0.063007
5mo_SIGAE9_	0.00274569	0.00873821	3.26E-05	0.0085576	0.66457
5mo_SIGAE9_	0.01553952	0.08768896	3.95E-05	0.0059603	0.11709
5mo_SIGAE9_	0.03917247	0.23352794	4.92E-05	0.0045932	-0.071721
5mo_SIGAE9_	0.01353758	0.07533497	3.86E-05	0.0062156	0.17645
5mo_SIGAE9_	0.02073351	0.11974106	4.21E-05	0.0052798	-0.037579
5mo_SIGAE9_	0.01322959	0.07343435	3.83E-05	0.0063061	0.19734
5mo_SIGAE9_	0.07912032	0.48004612	4.93E-05	0.014315	0.17506
5mo_SIGAE9_	0.09180777	0.5583403	4.96E-05	0.0076529	-0.6503
5mo_SIGAE9_	0.02624291	0.15373959	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.02943787	0.1734557	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.00975403	0.05198673	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.03955919	0.23591433	4.95E-05	0.0046046	-0.067351
5mo_SIGAD9	0.0208074	0.12019707	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.01692174	0.09621867	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.00847164	0.04407309	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.08823136	0.53627026	4.80E-05	0.010188	-0.3415
5mo_SIGAD9	0.02761267	0.16219239	4.46E-05	0.0047834	-0.12024
5mo_SIGAD9	0.02653375	0.15553436	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.03405229	0.20193125	4.68E-05	0.0045746	-0.10761
5mo_SIGAD9	0.01486192	0.08350746	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.02422411	0.1412816	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.05181443	0.31154144	5.92E-05	0.0053939	0.011221
5mo_SIGAD9	0.02327145	0.1354027	4.30E-05	0.0050782	-0.084895
5mo_SIGAD9	0.01529239	0.0861639	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.02338789	0.13612126	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.01264454	0.06982403	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.03285068	0.19451615	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.02188925	0.12687315	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.04668006	0.27985728	5.49E-05	0.0049251	-0.018376
5mo_SIGAD9	0.02758046	0.16199364	4.46E-05	0.0047834	-0.12024
5mo_SIGAD9	0.01270411	0.07019162	3.80E-05	0.0063994	0.21875

5mo_SIGAD9	0.03198454	0.18917121	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.05349139	0.32189	6.05E-05	0.0056127	0.026054
5mo_SIGAD9	0.09317986	0.5668075	5.02E-05	0.0070215	-0.73907
5mo_SIGAD9	0.08817344	0.53591293	4.80E-05	0.010188	-0.3415
5mo_SIGAD9	0.09929379	0.6045366	5.49E-05	0.0043938	-1.1701
5mo_SIGAD9	0.02919322	0.17194593	4.51E-05	0.0047064	-0.1231
5mo_SIGAD9	0.08955964	0.5444671	4.86E-05	0.0090548	-0.42792
5mo_SIGAD9	0.02119666	0.12259919	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.07170606	0.43429273	5.60E-05	0.012118	0.2386
5mo_SIGAD9	0.02212453	0.12832509	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.0923536	0.5617086	4.99E-05	0.0073308	-0.69483
5mo_SIGAD9	0.02244837	0.1303235	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.0898959	0.5465422	4.86E-05	0.0090548	-0.47194
5mo_SIGAD9	0.01134948	0.06183224	3.71E-05	0.0066957	0.263
5mo_SIGAD9	0.00793421	0.04075658	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.02021845	0.11656268	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.06415637	0.38770357	6.27E-05	0.0084357	0.14015
5mo_SIGAD9	0.01914928	0.10996482	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.01863012	0.10676106	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.01517664	0.08544963	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.05366855	0.3229832	6.10E-05	0.005694	0.026054
5mo_SIGAD9	0.02578153	0.15089244	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.01757164	0.10022918	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.09790821	0.5959861	5.36E-05	0.0048658	-1.1032
5mo_SIGAD9	0.05516882	0.33224136	6.17E-05	0.0058704	0.038579
5mo_SIGAD9	0.03716013	0.22110975	4.81E-05	0.0045652	-0.088896
5mo_SIGAD9	0.08301021	0.5040506	4.78E-05	0.013315	0.02505
5mo_SIGAD9	0.01625114	0.09208035	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.02413041	0.14070338	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.01615085	0.09146149	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.02569975	0.15038776	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.04038327	0.24099974	4.99E-05	0.0046177	-0.063007
5mo_SIGAD9	0.02471011	0.1442807	4.36E-05	0.0049516	-0.098011
5mo_SIGAD9	0.044244	0.2648243	5.25E-05	0.0047605	-0.035266
5mo_SIGAD9	0.015317	0.0863158	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.01248492	0.06883903	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.00872616	0.04564369	3.59E-05	0.00713	0.38094
5mo_SIGAD9	0.03417235	0.20267218	4.70E-05	0.0045688	-0.10761
5mo_SIGAD9	0.09349632	0.5687604	5.06E-05	0.0067258	-0.7829
5mo_SIGAD9	0.03415899	0.20258975	4.70E-05	0.0045688	-0.10761
5mo_SIGAD9	0.09061563	0.55098367	4.91E-05	0.0083333	-0.51631
5mo_SIGAD9	0.03046959	0.17982244	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.09887541	0.60195476	5.45E-05	0.0045382	-1.1701

5mo_SIGAD9	0.01915011	0.10996992	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.02537989	0.14841391	4.38E-05	0.0049138	-0.10813
5mo_SIGAD9	0.07144136	0.43265924	5.65E-05	0.011849	0.2386
5mo_SIGAD9	0.03907481	0.23292527	4.92E-05	0.0045932	-0.071721
5mo_SIGAD9	0.01680676	0.0955091	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.01642535	0.09315543	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.0075186	0.03819184	3.50E-05	0.0074854	0.45576
5mo_SIGAD9	0.08247522	0.50074923	4.79E-05	0.013563	0.05262
5mo_SIGAD9	0.01544947	0.08713326	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.0353481	0.20992774	4.74E-05	0.0045622	-0.10068
5mo_SIGAD9	0.01925083	0.11059143	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.05212331	0.31344754	5.97E-05	0.0054628	0.014768
5mo_SIGAD9	0.00702113	0.03512196	3.50E-05	0.0074854	0.45576
5mo_SIGAD9	0.01621624	0.09186501	3.98E-05	0.0058806	0.080526
5mo_SIGAD9	0.01592885	0.0900915	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.03516502	0.20879793	4.72E-05	0.0045646	-0.10068
5mo_SIGAD9	0.02796538	0.16436899	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.09923225	0.6041568	5.49E-05	0.0043938	-1.1701
5mo_SIGAD9	0.07462698	0.45231768	5.33E-05	0.013335	0.24193
5mo_SIGAD9	0.02080788	0.12020004	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.0337869	0.20029359	4.68E-05	0.0045746	-0.11071
5mo_SIGAD9	0.01663061	0.09442209	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.0886787	0.53903085	4.82E-05	0.0098057	-0.3844
5mo_SIGAD9	0.08810841	0.5355116	4.80E-05	0.010188	-0.3415
5mo_SIGAD9	0.0171475	0.09761184	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.02534174	0.14817846	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.03056245	0.18039547	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.07415181	0.44938546	5.38E-05	0.013116	0.24406
5mo_SIGAD9	0.08305508	0.5043275	4.78E-05	0.013315	0.02505
5mo_SIGAD9	0.06212508	0.37516847	6.36E-05	0.0076138	0.11565
5mo_SIGAD9	0.08677214	0.5272654	4.78E-05	0.010952	-0.21781
5mo_SIGAD9	0.089495	0.5440682	4.86E-05	0.0090548	-0.42792
5mo_SIGAD9	0.01853402	0.10616802	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.02225295	0.12911755	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.04744122	0.28455436	5.53E-05	0.0049654	-0.01514
5mo_SIGAD9	0.02721301	0.15972611	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.01130162	0.06153688	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.0870892	0.529222	4.78E-05	0.010952	-0.25808
5mo_SIGAD9	0.04114164	0.24567965	5.02E-05	0.0046325	-0.054504
5mo_SIGAD9	0.00888822	0.04664378	3.59E-05	0.00713	0.38094
5mo_SIGAD9	0.03276749	0.1940028	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.1598109	0.9779877	7.87E-05	0.0047979	-1.0766
5mo_SIGAD9	0.01896214	0.10880998	4.14E-05	0.0054571	0.0010121

5mo_SIGAD9	0.08788468	0.53413093	4.80E-05	0.010188	-0.29935
5mo_SIGAD9	0.08258248	0.5014111	4.79E-05	0.013563	0.05262
5mo_SIGAD9	0.02197115	0.12737858	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.02307608	0.13419709	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.01417095	0.07924351	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.02355124	0.1371293	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.06758804	0.4088804	6.03E-05	0.009922	0.19812
5mo_SIGAD9	0.03140263	0.18558021	4.58E-05	0.00463	-0.12002
5mo_SIGAD9	0.04381742	0.2621919	5.21E-05	0.0047343	-0.035266
5mo_SIGAD9	0.04340965	0.25967556	5.21E-05	0.0047343	-0.038876
5mo_SIGAD9	0.00506325	0.02303992	3.38E-05	0.0079991	0.55892
5mo_SIGAD9	0.00473903	0.02103911	3.35E-05	0.0081345	0.58516
5mo_SIGAD9	0.01962731	0.1129147	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.06985399	0.4228636	5.82E-05	0.011019	0.22487
5mo_SIGAD9	0.01710763	0.09736576	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.03962808	0.2363395	4.95E-05	0.0046046	-0.067351
5mo_SIGAD9	0.09126067	0.5549642	4.93E-05	0.0079874	-0.56091
5mo_SIGAD9	0.00906647	0.04774376	3.59E-05	0.00713	0.38094
5mo_SIGAD9	0.01796176	0.1026366	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.01620912	0.09182109	3.98E-05	0.0058806	0.080526
5mo_SIGAD9	0.01602165	0.09066417	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.0093536	0.04951567	3.62E-05	0.0070172	0.35661
5mo_SIGAD9	0.07663761	0.46472532	5.13E-05	0.014025	0.22792
5mo_SIGAD9	0.0237424	0.13830893	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.02679544	0.15714927	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.02654596	0.15560976	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.00787754	0.0404069	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.01556844	0.08786741	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.00829299	0.0429706	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.01930573	0.11093022	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.01140907	0.06219998	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.03042767	0.17956375	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.00856367	0.044641	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.03289424	0.19478494	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.07762099	0.47079375	5.05E-05	0.014229	0.21153
5mo_SIGAD9	0.03011454	0.17763141	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.04110641	0.24546225	5.02E-05	0.0046325	-0.054504
5mo_SIGAD9	0.08389518	0.5095117	4.77E-05	0.013036	-0.036078
5mo_SIGAD9	0.07697132	0.4667846	5.09E-05	0.014141	0.22047
5mo_SIGAD9	0.05033911	0.30243728	5.78E-05	0.0052091	0.0043724
5mo_SIGAD9	0.03780828	0.22510947	4.84E-05	0.0045696	-0.080425
5mo_SIGAD9	0.02103714	0.12161479	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.00474154	0.0210546	3.35E-05	0.0081345	0.58516

5mo_SIGAD9	0.09490798	0.5774718	5.16E-05	0.0059226	-0.8688
5mo_SIGAD9	0.01298632	0.07193314	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.00523368	0.02409163	3.38E-05	0.0079991	0.55892
5mo_SIGAD9	0.02976312	0.1754628	4.53E-05	0.0046846	-0.12301
5mo_SIGAD9	0.02233208	0.12960587	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.00707262	0.03543971	3.50E-05	0.0074854	0.45576
5mo_SIGAD9	0.01682608	0.09562834	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.01980257	0.11399627	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.01195516	0.06556987	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.01507795	0.0848406	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.0062136	0.03013873	3.44E-05	0.0077366	0.50694
5mo_SIGAD9	0.04090503	0.24421953	5.02E-05	0.0046325	-0.058715
5mo_SIGAD9	0.02587246	0.15145352	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.04206646	0.25138667	5.09E-05	0.0046676	-0.0504
5mo_SIGAD9	0.02530864	0.14797425	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.03211758	0.18999219	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.02605797	0.15259834	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.01896485	0.10882668	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.02579027	0.15094636	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.02003302	0.11541838	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.03080233	0.18187581	4.57E-05	0.0046464	-0.12145
5mo_SIGAD9	0.01579603	0.08927189	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.01083875	0.05868052	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.08007084	0.48591176	4.90E-05	0.014278	0.14202
5mo_SIGAD9	0.01865484	0.10691363	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.03503741	0.20801048	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.03585443	0.21305226	4.77E-05	0.0045615	-0.096915
5mo_SIGAD9	0.0696847	0.42181888	5.82E-05	0.011019	0.22487
5mo_SIGAD9	0.0138579	0.0773117	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.02915813	0.17172945	4.51E-05	0.0047064	-0.1231
5mo_SIGAD9	0.07810411	0.47377506	5.01E-05	0.014289	0.20103
5mo_SIGAD9	0.02296851	0.13353324	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.0885958	0.53851926	4.82E-05	0.0098057	-0.3844
5mo_SIGAD9	0.03043254	0.17959379	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.11486977	0.70065594	6.48E-05	0.004145	-1.2407
5mo_SIGAD9	0.05107627	0.30698627	5.87E-05	0.0053288	0.0077602
5mo_SIGAD9	0.01168814	0.0639221	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.02347988	0.13668892	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.01708863	0.09724852	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.03063444	0.18083975	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.01178501	0.06451986	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.06591486	0.39855522	6.16E-05	0.0091463	0.17407
5mo_SIGAD9	0.09234844	0.5616768	4.99E-05	0.0073308	-0.69483

5mo_SIGAD9	0.03212372	0.19003005	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.02092098	0.12089793	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.08452919	0.5134242	4.76E-05	0.012404	-0.069378
5mo_SIGAD9	0.01045959	0.05634071	3.68E-05	0.0068	0.30902
5mo_SIGAD9	0.01622142	0.09189697	3.98E-05	0.0058806	0.080526
5mo_SIGAD9	0.01392392	0.0777191	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01503874	0.08459863	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.03527841	0.20949765	4.74E-05	0.0045622	-0.10068
5mo_SIGAD9	0.01790974	0.10231558	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.03243118	0.19192743	4.62E-05	0.0046026	-0.11603
5mo_SIGAD9	0.00679549	0.03372957	3.47E-05	0.0076096	0.48124
5mo_SIGAD9	0.0211542	0.12233716	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.01623683	0.09199204	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.00939358	0.04976239	3.62E-05	0.0070172	0.35661
5mo_SIGAD9	0.02923049	0.17217594	4.51E-05	0.0047064	-0.1231
5mo_SIGAD9	0.02698802	0.15833764	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.0166427	0.0944967	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.01222823	0.06725498	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.08365167	0.508009	4.77E-05	0.013036	-0.0045591
5mo_SIGAD9	0.09050588	0.5503064	4.91E-05	0.0083333	-0.51631
5mo_SIGAD9	0.02646442	0.15510654	4.42E-05	0.0048445	-0.11546
5mo_SIGAD9	0.08669508	0.5267899	4.78E-05	0.010952	-0.21781
5mo_SIGAD9	0.08296796	0.50378984	4.78E-05	0.013315	0.02505
5mo_SIGAD9	0.06740679	0.4077619	6.03E-05	0.009922	0.19037
5mo_SIGAD9	0.07501806	0.45473105	5.28E-05	0.013537	0.24193
5mo_SIGAD9	0.02795007	0.16427448	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.02287333	0.13294591	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.04223348	0.2524174	5.09E-05	0.0046676	-0.04643
5mo_SIGAD9	0.01455235	0.08159713	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.0127545	0.07050262	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.02564958	0.15007816	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.07670187	0.46512187	5.13E-05	0.014025	0.22047
5mo_SIGAD9	0.0753401	0.4567184	5.23E-05	0.013721	0.23858
5mo_SIGAD9	0.0189877	0.10896766	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.07707389	0.46741757	5.09E-05	0.014141	0.22047
5mo_SIGAD9	0.03261549	0.19306478	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.0169985	0.09669232	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.02223188	0.12898752	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.06210337	0.37503448	6.36E-05	0.0076138	0.11565
5mo_SIGAD9	0.02349421	0.13677736	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.02514439	0.14696066	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.02964295	0.17472126	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.01553371	0.08765312	3.95E-05	0.0059603	0.11709

5mo_SIGAD9	0.04868589	0.29223526	5.63E-05	0.005054	-0.0054808
5mo_SIGAD9	0.02198822	0.12748389	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.01125928	0.06127558	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.07288859	0.4415901	5.49E-05	0.012637	0.24373
5mo_SIGAD9	0.08366471	0.5080895	4.77E-05	0.013036	-0.0045591
5mo_SIGAD9	0.05030217	0.3022093	5.78E-05	0.0052091	0.0043724
5mo_SIGAD9	0.01767878	0.10089035	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.07231462	0.43804812	5.54E-05	0.012382	0.24161
5mo_SIGAD9	0.02337126	0.13601863	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.02645952	0.15507628	4.42E-05	0.0048445	-0.11546
5mo_SIGAD9	0.02138369	0.12375333	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.02361053	0.13749519	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.07856665	0.4766294	4.97E-05	0.014318	0.18889
5mo_SIGAD9	0.01015104	0.05443667	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.00675292	0.03346682	3.47E-05	0.0076096	0.48124
5mo_SIGAD9	0.08440276	0.512644	4.76E-05	0.012731	-0.069378
5mo_SIGAD9	0.02599672	0.15222038	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.03480616	0.20658338	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.02564716	0.15006322	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.01319922	0.07324696	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.02062177	0.11905153	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.01252644	0.06909524	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.02268729	0.13179787	4.28E-05	0.005125	-0.077142
5mo_SIGAD9	0.02140495	0.12388454	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.0183441	0.10499603	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.0237654	0.1384509	4.32E-05	0.0050338	-0.091842
5mo_SIGAD9	0.0200766	0.11568727	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.05536699	0.33346426	6.21E-05	0.005966	0.038579
5mo_SIGAD9	0.09763824	0.5943202	5.36E-05	0.0048658	-1.0673
5mo_SIGAD9	0.07432157	0.45043302	5.33E-05	0.013335	0.24406
5mo_SIGAD9	0.0186499	0.10688309	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.02069444	0.11949999	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.02632526	0.15424779	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.02347574	0.13666339	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.01161225	0.06345376	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.02376588	0.13845383	4.32E-05	0.0050338	-0.091842
5mo_SIGAD9	0.0943444	0.57399386	5.13E-05	0.0061762	-0.82618
5mo_SIGAD9	0.00757718	0.03855334	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.08054081	0.48881194	4.87E-05	0.014207	0.12269
5mo_SIGAD9	0.0253045	0.1479487	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.03086142	0.18224044	4.57E-05	0.0046464	-0.12145
5mo_SIGAD9	0.02734661	0.16055053	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.05191474	0.31216046	5.92E-05	0.0053939	0.014768

5mo_SIGAD9	0.0212839	0.12313753	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.00877541	0.04594766	3.59E-05	0.00713	0.38094
5mo_SIGAD9	0.03426746	0.20325908	4.70E-05	0.0045688	-0.10761
5mo_SIGAD9	0.07374025	0.4468457	5.38E-05	0.013116	0.24502
5mo_SIGAD9	0.01327697	0.07372679	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.03640109	0.21642575	4.79E-05	0.0045625	-0.092976
5mo_SIGAD9	0.01970714	0.11340737	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.01084141	0.05869694	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.07963633	0.4832304	4.93E-05	0.014315	0.15946
5mo_SIGAD9	0.02586337	0.15139747	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.08130416	0.49352255	4.83E-05	0.013957	0.10139
5mo_SIGAD9	0.01523192	0.08579075	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.08276483	0.50253636	4.79E-05	0.013563	0.02505
5mo_SIGAD9	0.01790516	0.10228731	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.0108884	0.05898689	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.03162237	0.18693623	4.60E-05	0.0046154	-0.12002
5mo_SIGAD9	0.02194406	0.12721139	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.01243188	0.06851173	3.77E-05	0.0064954	0.21875
5mo_SIGAD9	0.02204901	0.12785906	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.01389362	0.07753211	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.0332805	0.19716853	4.66E-05	0.0045822	-0.11352
5mo_SIGAD9	0.08870465	0.539191	4.82E-05	0.0098057	-0.3844
5mo_SIGAD9	0.0976095	0.5941428	5.36E-05	0.0048658	-1.0673
5mo_SIGAD9	0.09668841	0.5884587	5.28E-05	0.0052469	-1.03
5mo_SIGAD9	0.02657214	0.15577129	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.09976688	0.607456	5.53E-05	0.004262	-1.2008
5mo_SIGAD9	0.00758868	0.03862434	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.05616379	0.33838135	6.24E-05	0.0060668	0.047788
5mo_SIGAD9	0.0275856	0.16202533	4.46E-05	0.0047834	-0.12024
5mo_SIGAD9	0.08910217	0.5416441	4.84E-05	0.0094274	-0.3844
5mo_SIGAD9	0.09025873	0.5487812	4.88E-05	0.0086895	-0.51631
5mo_SIGAD9	0.03334758	0.19758251	4.66E-05	0.0045822	-0.11352
5mo_SIGAD9	0.02491413	0.14553967	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.02499018	0.14600901	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.01363547	0.07593908	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.08791679	0.5343291	4.80E-05	0.010188	-0.29935
5mo_SIGAD9	0.08370973	0.50836736	4.77E-05	0.013036	-0.036078
5mo_SIGAD9	0.02896047	0.17050965	4.51E-05	0.0047064	-0.12268
5mo_SIGAD9	0.02507778	0.14654955	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.0189946	0.10901029	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.04034326	0.24075288	4.99E-05	0.0046177	-0.063007
5mo_SIGAD9	0.01440921	0.08071384	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.09783629	0.5955424	5.36E-05	0.0048658	-1.1032

5mo_SIGAD9	0.02114778	0.12229756	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.04176834	0.24954703	5.09E-05	0.0046676	-0.0504
5mo_SIGAD9	0.02737026	0.16069649	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.07616795	0.46182704	5.18E-05	0.013885	0.22792
5mo_SIGAD9	0.02729113	0.1602082	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.07785859	0.47225997	5.05E-05	0.014229	0.20103
5mo_SIGAD9	0.00658172	0.03241039	3.47E-05	0.0076096	0.48124
5mo_SIGAD9	0.02998769	0.17684862	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.02968344	0.17497112	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.02201092	0.12762396	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.0271829	0.15954027	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.01905734	0.10939746	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.09383166	0.57082975	5.09E-05	0.0064439	-0.7829
5mo_SIGAD9	0.01146458	0.06254249	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.01626913	0.09219141	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.05050653	0.3034704	5.83E-05	0.0052672	0.0043724
5mo_SIGAD9	0.02529551	0.14789316	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.03703203	0.22031924	4.81E-05	0.0045652	-0.088896
5mo_SIGAD9	0.01974026	0.11361172	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.08981558	0.54604656	4.86E-05	0.0090548	-0.47194
5mo_SIGAD9	0.02562451	0.14992346	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.01819193	0.10405701	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.0046891	0.02073102	3.35E-05	0.0081345	0.58516
5mo_SIGAD9	0.0107104	0.05788848	3.68E-05	0.0068	0.30902
5mo_SIGAD9	0.0112805	0.06140655	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.03955116	0.23586479	4.95E-05	0.0046046	-0.067351
5mo_SIGAD9	0.0167862	0.09538224	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.02025669	0.11679865	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.04914379	0.2950609	5.68E-05	0.0051026	-0.0022352
5mo_SIGAD9	0.01672653	0.09501402	4.00E-05	0.0058035	0.063215
5mo_SIGAD9	0.02658729	0.1558648	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.0895958	0.54469025	4.86E-05	0.0090548	-0.42792
5mo_SIGAD9	0.07543863	0.4573264	5.23E-05	0.013721	0.23858
5mo_SIGAD9	0.09160469	0.5570871	4.96E-05	0.0076529	-0.60562
5mo_SIGAD9	0.03260975	0.19302934	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.01292058	0.07152747	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.02621324	0.15355648	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.02422221	0.14126989	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.01096911	0.05948495	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.02814954	0.16550541	4.48E-05	0.0047558	-0.12174
5mo_SIGAD9	0.02757169	0.1619395	4.46E-05	0.0047834	-0.12024
5mo_SIGAD9	0.08867799	0.53902644	4.82E-05	0.0098057	-0.3844
5mo_SIGAD9	0.01364191	0.07597883	3.86E-05	0.0062156	0.17645

5mo_SIGAD9	0.10129143	0.616864	5.62E-05	0.0040352	-1.2808
5mo_SIGAD9	0.02411684	0.14061962	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.02456235	0.14336886	4.36E-05	0.0049516	-0.098011
5mo_SIGAD9	0.01825022	0.10441672	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.04312721	0.25793257	5.17E-05	0.0047101	-0.042593
5mo_SIGAD9	0.03504092	0.2080321	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.01509257	0.08493085	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.08628045	0.52423126	4.77E-05	0.01133	-0.17867
5mo_SIGAD9	0.0168265	0.09563091	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.01736856	0.09897595	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.04267388	0.2551351	5.13E-05	0.0046879	-0.042593
5mo_SIGAD9	0.02636513	0.15449382	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.02610634	0.15289684	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.02809678	0.16517983	4.48E-05	0.0047558	-0.12174
5mo_SIGAD9	0.0439852	0.26322728	5.25E-05	0.0047605	-0.035266
5mo_SIGAD9	0.00430816	0.01838025	3.32E-05	0.0082728	0.58516
5mo_SIGAD9	0.01636268	0.09276871	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.02113173	0.12219852	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.01655121	0.0939321	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.02110685	0.12204494	4.21E-05	0.0052798	-0.04878
5mo_SIGAD9	0.04979493	0.29907912	5.73E-05	0.0051543	0.0010449
5mo_SIGAD9	0.0629106	0.38001594	6.33E-05	0.0080056	0.12359
5mo_SIGAD9	0.08351275	0.5071518	4.77E-05	0.013036	-0.0045591
5mo_SIGAD9	0.03744902	0.22289251	4.84E-05	0.0045696	-0.084703
5mo_SIGAD9	0.01840042	0.10534358	4.09E-05	0.0055879	0.015459
5mo_SIGAD9	0.09796244	0.5963208	5.36E-05	0.0048658	-1.1032
5mo_SIGAD9	0.01641045	0.09306347	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.02214723	0.12846515	4.26E-05	0.0051742	-0.068556
5mo_SIGAD9	0.08173177	0.49616134	4.83E-05	0.013957	0.078055
5mo_SIGAD9	0.04076577	0.24336019	5.02E-05	0.0046325	-0.058715
5mo_SIGAD9	0.0946039	0.57559526	5.13E-05	0.0061762	-0.8688
5mo_SIGAD9	0.09754751	0.59376025	5.36E-05	0.0048658	-1.0673
5mo_SIGAD9	0.03491727	0.20726906	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.01802364	0.10301846	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.0289027	0.17015319	4.51E-05	0.0047064	-0.12268
5mo_SIGAD9	0.01413683	0.07903296	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.09068055	0.55138427	4.91E-05	0.0083333	-0.51631
5mo_SIGAD9	0.08163666	0.49557444	4.83E-05	0.013957	0.078055
5mo_SIGAD9	0.03517312	0.20884794	4.72E-05	0.0045646	-0.10068
5mo_SIGAD9	0.07876935	0.47788027	4.97E-05	0.014318	0.18889
5mo_SIGAD9	0.01423911	0.0796641	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.02395264	0.13960631	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.03305489	0.19577634	4.66E-05	0.0045822	-0.11352

5mo_SIGAD9	0.02677566	0.15702718	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.04323548	0.25860074	5.17E-05	0.0047101	-0.038876
5mo_SIGAD9	0.00530092	0.02450653	3.38E-05	0.0079991	0.55892
5mo_SIGAD9	0.0749892	0.45455298	5.28E-05	0.013537	0.24193
5mo_SIGAD9	0.01929892	0.11088822	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.0900513	0.54750115	4.88E-05	0.0086895	-0.47194
5mo_SIGAD9	0.01772597	0.10118156	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.08517181	0.51738983	4.76E-05	0.012059	-0.10433
5mo_SIGAD9	0.0186581	0.10693373	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.02461004	0.14366314	4.36E-05	0.0049516	-0.098011
5mo_SIGAD9	0.02211632	0.1282744	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.04271561	0.25539264	5.13E-05	0.0046879	-0.042593
5mo_SIGAD9	0.01375171	0.07665636	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.05102078	0.30664384	5.87E-05	0.0053288	0.0077602
5mo_SIGAD9	0.08777027	0.5334249	4.79E-05	0.010571	-0.29935
5mo_SIGAD9	0.03517083	0.2088338	4.72E-05	0.0045646	-0.10068
5mo_SIGAD9	0.03053632	0.18023427	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.0118623	0.06499686	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.0995843	0.6063293	5.49E-05	0.0043938	-1.2008
5mo_SIGAD9	0.05266282	0.31677687	6.01E-05	0.0055357	0.018414
5mo_SIGAD9	0.02158397	0.12498929	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.00334381	0.01242921	3.29E-05	0.0084138	0.63801
5mo_SIGAD9	0.01246932	0.06874274	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.02679896	0.15717098	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.05542188	0.33380303	6.21E-05	0.005966	0.038579
5mo_SIGAD9	0.01631872	0.09249743	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.06086165	0.36737186	6.38E-05	0.0072613	0.09374
5mo_SIGAD9	0.0099494	0.0531923	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.01566548	0.08846627	3.95E-05	0.0059603	0.098494
5mo_SIGAD9	0.03037668	0.17924911	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.04281049	0.25597814	5.17E-05	0.0047101	-0.042593
5mo_SIGAD9	0.09794742	0.5962281	5.36E-05	0.0048658	-1.1032
5mo_SIGAD9	0.02272234	0.13201417	4.28E-05	0.005125	-0.077142
5mo_SIGAD9	0.02968044	0.17495263	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.03503151	0.20797406	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.04142637	0.24743675	5.05E-05	0.0046492	-0.054504
5mo_SIGAD9	0.06353745	0.38388422	6.30E-05	0.008216	0.13178
5mo_SIGAD9	0.03124289	0.1845945	4.58E-05	0.00463	-0.12145
5mo_SIGAD9	0.08681779	0.5275472	4.78E-05	0.010952	-0.21781
5mo_SIGAD9	0.01545204	0.0871491	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.0134426	0.07474886	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.03220907	0.19055676	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.05953888	0.35920903	6.37E-05	0.0067983	0.080679

5mo_SIGAD9	0.02923907	0.17222893	4.51E-05	0.0047064	-0.1231
5mo_SIGAD9	0.01381161	0.07702605	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.0141963	0.07939997	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.02770691	0.16277392	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.09239443	0.56196064	4.99E-05	0.0073308	-0.69483
5mo_SIGAD9	0.02067742	0.11939495	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.01981849	0.11409451	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.03628454	0.2157065	4.77E-05	0.0045615	-0.092976
5mo_SIGAD9	0.03264338	0.19323692	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.02429603	0.14172539	4.34E-05	0.0049916	-0.098011
5mo_SIGAD9	0.01816783	0.10390828	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.01819531	0.10407785	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.0699129	0.42322713	5.76E-05	0.011297	0.22487
5mo_SIGAD9	0.08804339	0.53511035	4.80E-05	0.010188	-0.3415
5mo_SIGAD9	0.02766381	0.162508	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.02505193	0.14639005	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.01871357	0.10727605	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.0313702	0.18538009	4.58E-05	0.00463	-0.12002
5mo_SIGAD9	0.01114983	0.06060019	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.02752808	0.16167039	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.02171395	0.1257914	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.09791239	0.59601194	5.36E-05	0.0048658	-1.1032
5mo_SIGAD9	0.02908067	0.17125142	4.51E-05	0.0047064	-0.12268
5mo_SIGAD9	0.09194467	0.55918515	4.96E-05	0.0076529	-0.6503
5mo_SIGAD9	0.02384329	0.13893156	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.01765271	0.10072946	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.07190138	0.43549803	5.60E-05	0.012118	0.24161
5mo_SIGAD9	0.02718688	0.15956482	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.02589556	0.1515961	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.01961903	0.11286362	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.08846477	0.5377107	4.82E-05	0.0098057	-0.3415
5mo_SIGAD9	0.09132525	0.5553627	4.93E-05	0.0079874	-0.60562
5mo_SIGAD9	0.06849225	0.41446027	5.93E-05	0.010465	0.20551
5mo_SIGAD9	0.0108288	0.05861911	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.01395856	0.07793284	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01701478	0.0967928	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.0620665	0.37480697	6.36E-05	0.0076138	0.10802
5mo_SIGAD9	0.03039166	0.17934155	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.05517077	0.33225343	6.17E-05	0.0058704	0.038579
5mo_SIGAD9	0.01635101	0.09269665	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.01280571	0.07081864	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.02311259	0.13442238	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.03008634	0.1774574	4.55E-05	0.0046645	-0.12301

5mo_SIGAD9	0.04462142	0.26715338	5.30E-05	0.0047888	-0.031751
5mo_SIGAD9	0.03134704	0.18523717	4.58E-05	0.00463	-0.12002
5mo_SIGAD9	0.01802512	0.10302763	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.02867075	0.1687218	4.49E-05	0.0047302	-0.12268
5mo_SIGAD9	0.01543943	0.08707129	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.0371665	0.22114909	4.81E-05	0.0045652	-0.088896
5mo_SIGAD9	0.02547263	0.14898622	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.03093044	0.18266638	4.58E-05	0.00463	-0.12145
5mo_SIGAD9	0.02118275	0.12251335	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.01006921	0.05393169	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.0284474	0.16734351	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.00762258	0.03883356	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.02448217	0.14287406	4.36E-05	0.0049516	-0.098011
5mo_SIGAD9	0.01163776	0.0636112	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.01917948	0.11015114	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.01664573	0.09451541	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.0921317	0.56033933	4.99E-05	0.0073308	-0.6503
5mo_SIGAD9	0.03300377	0.19546086	4.64E-05	0.0045915	-0.11352
5mo_SIGAD9	0.07871719	0.47755843	4.97E-05	0.014318	0.18889
5mo_SIGAD9	0.05118221	0.30764002	5.87E-05	0.0053288	0.0077602
5mo_SIGAD9	0.02986616	0.17609867	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.08816306	0.5358488	4.80E-05	0.010188	-0.3415
5mo_SIGAD9	0.08206446	0.4982144	4.81E-05	0.013778	0.078055
5mo_SIGAD9	0.01415143	0.07912309	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.00958642	0.05095238	3.62E-05	0.0070172	0.35661
5mo_SIGAD9	0.01639721	0.09298179	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.03043498	0.17960888	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.02239641	0.13000287	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.02606391	0.15263496	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.03945936	0.23529828	4.92E-05	0.0045932	-0.067351
5mo_SIGAD9	0.01770004	0.10102152	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.07956019	0.48276055	4.93E-05	0.014315	0.15946
5mo_SIGAD9	0.0098801	0.0527647	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.00757514	0.03854076	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.02744485	0.16115674	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.04377328	0.26191953	5.21E-05	0.0047343	-0.035266
5mo_SIGAD9	0.01302292	0.072159	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.01948922	0.11206254	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.02036367	0.11745881	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.01105147	0.0599932	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.015173	0.08542714	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.03059732	0.18061064	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.03764132	0.22407919	4.84E-05	0.0045696	-0.084703

5mo_SIGAD9	0.02002251	0.11535353	4.16E-05	0.0053955	-0.025531
5mo_SIGAD9	0.02595262	0.1519482	4.40E-05	0.0048781	-0.11213
5mo_SIGAD9	0.01341606	0.07458512	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.02078401	0.1200527	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.03105521	0.18343627	4.58E-05	0.00463	-0.12145
5mo_SIGAD9	0.0066983	0.03312978	3.47E-05	0.0076096	0.48124
5mo_SIGAD9	0.02898543	0.1706637	4.51E-05	0.0047064	-0.12268
5mo_SIGAD9	0.07822786	0.47453877	5.01E-05	0.014289	0.20103
5mo_SIGAD9	0.0070435	0.03526005	3.50E-05	0.0074854	0.45576
5mo_SIGAD9	0.13457741	0.8222718	7.29E-05	0.005328	-0.99548
5mo_SIGAD9	0.03167894	0.18728533	4.60E-05	0.0046154	-0.12002
5mo_SIGAD9	0.01525199	0.08591459	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.03798161	0.22617914	4.87E-05	0.0045758	-0.080425
5mo_SIGAD9	0.01290903	0.07145624	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.05058164	0.30393392	5.83E-05	0.0052672	0.0043724
5mo_SIGAD9	0.02741589	0.16097808	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.02647378	0.1551643	4.42E-05	0.0048445	-0.11546
5mo_SIGAD9	0.02616165	0.15323813	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.0763627	0.46302885	5.18E-05	0.013885	0.22792
5mo_SIGAD9	0.02099201	0.12133628	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.01000794	0.05355359	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.0193993	0.11150768	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.02894125	0.17039105	4.51E-05	0.0047064	-0.12268
5mo_SIGAD9	0.01526017	0.08596509	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.05767282	0.3476936	6.32E-05	0.0064035	0.057806
5mo_SIGAD9	0.01507297	0.08480986	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.0168534	0.09579691	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.02728805	0.16018914	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.0222788	0.1292771	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.02268987	0.1318138	4.28E-05	0.005125	-0.077142
5mo_SIGAD9	0.00856438	0.04464537	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.03136151	0.1853265	4.58E-05	0.00463	-0.12002
5mo_SIGAD9	0.01099128	0.05962174	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.02603748	0.15247191	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.0912545	0.5549261	4.93E-05	0.0079874	-0.56091
5mo_SIGAD9	0.0173904	0.09911072	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.03141923	0.18568264	4.60E-05	0.0046154	-0.12002
5mo_SIGAD9	0.10829458	0.6600805	6.12E-05	0.0035823	-1.3848
5mo_SIGAD9	0.02146423	0.12425033	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.07579958	0.4595538	5.23E-05	0.013721	0.23393
5mo_SIGAD9	0.02991131	0.1763773	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.04096954	0.24461766	5.02E-05	0.0046325	-0.058715
5mo_SIGAD9	0.04230887	0.25288266	5.13E-05	0.0046879	-0.04643

5mo_SIGAD9	0.01292375	0.07154706	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.01718338	0.09783322	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.01753333	0.09999277	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.01178339	0.06450989	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.01806909	0.10329895	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.02834888	0.16673554	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.02839654	0.16702965	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.01821218	0.10418194	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.01354483	0.07537974	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01307145	0.07245851	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.01946549	0.11191613	4.14E-05	0.0054571	-0.012659
5mo_SIGAD9	0.03484457	0.20682041	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.00540627	0.02515666	3.41E-05	0.0078664	0.53284
5mo_SIGAD9	0.03004042	0.17717406	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.03090363	0.1825009	4.58E-05	0.00463	-0.12145
5mo_SIGAD9	0.01759353	0.10036425	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.02412975	0.1406993	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.02014545	0.11611219	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.00858534	0.04477471	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.01143399	0.06235374	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.08774487	0.53326815	4.79E-05	0.010571	-0.29935
5mo_SIGAD9	0.00894654	0.04700371	3.59E-05	0.00713	0.38094
5mo_SIGAD9	0.01524023	0.08584204	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.08839927	0.5373065	4.82E-05	0.0098057	-0.3415
5mo_SIGAD9	0.03810175	0.2269205	4.87E-05	0.0045758	-0.080425
5mo_SIGAD9	0.02197981	0.12743197	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.01421621	0.0795228	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.07429621	0.4502765	5.33E-05	0.013335	0.24406
5mo_SIGAD9	0.02642744	0.15487833	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.03208565	0.18979518	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.08470198	0.5144905	4.76E-05	0.012404	-0.069378
5mo_SIGAD9	0.02968597	0.17498673	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.02366238	0.13781513	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.02240602	0.13006215	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.02687325	0.15762945	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.08313614	0.50482774	4.78E-05	0.013315	0.02505
5mo_SIGAD9	0.00539015	0.02505721	3.38E-05	0.0079991	0.53284
5mo_SIGAD9	0.03838567	0.22867258	4.87E-05	0.0045758	-0.076088
5mo_SIGAD9	0.01596695	0.09032666	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.01766296	0.10079271	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.01387876	0.07744039	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01731138	0.0986231	4.03E-05	0.005729	0.046584
5mo_SIGAD9	0.0038301	0.01543013	3.32E-05	0.0082728	0.61153

5mo_SIGAD9	0.04153394	0.24810056	5.05E-05	0.0046492	-0.054504
5mo_SIGAD9	0.02259857	0.13125035	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.01602145	0.09066293	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.05255315	0.3161001	6.01E-05	0.0055357	0.018414
5mo_SIGAD9	0.0940235	0.5720136	5.09E-05	0.0064439	-0.82618
5mo_SIGAD9	0.02985003	0.17599913	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.01561775	0.08817175	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.07147512	0.43286756	5.65E-05	0.011849	0.2386
5mo_SIGAD9	0.0175953	0.10037519	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.04408538	0.26384544	5.25E-05	0.0047605	-0.035266
5mo_SIGAD9	0.01831539	0.10481887	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.02619718	0.15345739	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.02058282	0.11881116	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.02834164	0.16669084	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.09472372	0.5763347	5.13E-05	0.0061762	-0.8688
5mo_SIGAD9	0.03230909	0.19117402	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.02703003	0.15859692	4.44E-05	0.004813	-0.11816
5mo_SIGAD9	0.01619111	0.0917099	3.98E-05	0.0058806	0.080526
5mo_SIGAD9	0.05344581	0.3216087	6.05E-05	0.0056127	0.022172
5mo_SIGAD9	0.02861	0.16834694	4.49E-05	0.0047302	-0.12268
5mo_SIGAD9	0.02358464	0.13733542	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.04362143	0.26098242	5.21E-05	0.0047343	-0.038876
5mo_SIGAD9	0.08913592	0.54185236	4.84E-05	0.0094274	-0.42792
5mo_SIGAD9	0.02707439	0.15887067	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.01919202	0.11022855	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.01287655	0.07125577	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.05234296	0.31480303	5.97E-05	0.0054628	0.014768
5mo_SIGAD9	0.03632576	0.21596089	4.79E-05	0.0045625	-0.092976
5mo_SIGAD9	0.01321312	0.07333273	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.02373972	0.13829242	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.01749641	0.09976491	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.02500126	0.14607736	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.00431516	0.01842343	3.35E-05	0.0081345	0.58516
5mo_SIGAD9	0.01876527	0.10759505	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.03774661	0.22472894	4.84E-05	0.0045696	-0.084703
5mo_SIGAD9	0.01985189	0.11430062	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.01355052	0.07541486	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01493015	0.08392853	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.01621469	0.09185542	3.98E-05	0.0058806	0.080526
5mo_SIGAD9	0.02478313	0.1447313	4.36E-05	0.0049516	-0.098011
5mo_SIGAD9	0.01536229	0.0865953	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.01454229	0.08153508	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.01716259	0.09770495	4.03E-05	0.005729	0.063215

5mo_SIGAD9	0.01127585	0.06137788	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.02323285	0.13516454	4.30E-05	0.0050782	-0.084895
5mo_SIGAD9	0.01168755	0.06391843	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.01892775	0.10859776	4.11E-05	0.0055212	0.0010121
5mo_SIGAD9	0.03072545	0.18140137	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.01827482	0.10456852	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.0059346	0.028417	3.41E-05	0.0078664	0.50694
5mo_SIGAD9	0.01768105	0.10090434	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.01538967	0.08676424	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.03180274	0.18804929	4.60E-05	0.0046154	-0.12002
5mo_SIGAD9	0.01225084	0.06739453	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.01513031	0.08516373	3.92E-05	0.0060428	0.11709
5mo_SIGAD9	0.02941934	0.17334133	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.01482131	0.08325691	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.03479819	0.20653422	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.02415694	0.14086705	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.00590649	0.02824353	3.41E-05	0.0078664	0.53284
5mo_SIGAD9	0.0111593	0.0606586	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.01357225	0.07554895	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01253614	0.06915508	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.03005658	0.17727377	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.02281005	0.13255543	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.01128068	0.06140766	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.003201	0.01154793	3.26E-05	0.0085576	0.66457
5mo_SIGAD9	0.02290741	0.13315625	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.01440218	0.08067045	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.0091193	0.04806981	3.59E-05	0.00713	0.38094
5mo_SIGAD9	0.08764572	0.5326563	4.79E-05	0.010571	-0.29935
5mo_SIGAD9	0.01239749	0.06829947	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.00614468	0.02971341	3.44E-05	0.0077366	0.50694
5mo_SIGAD9	0.02133727	0.12346692	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.00314342	0.01119265	3.26E-05	0.0085576	0.66457
5mo_SIGAD9	0.00483587	0.02163672	3.35E-05	0.0081345	0.58516
5mo_SIGAD9	0.08263346	0.5017257	4.79E-05	0.013563	0.02505
5mo_SIGAD9	0.09131952	0.55532736	4.93E-05	0.0079874	-0.60562
5mo_SIGAD9	0.00952826	0.05059347	3.62E-05	0.0070172	0.35661
5mo_SIGAD9	0.08816305	0.53584874	4.80E-05	0.010188	-0.3415
5mo_SIGAD9	0.01814735	0.10378187	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.07121983	0.4312922	5.65E-05	0.011849	0.23476
5mo_SIGAD9	0.03587779	0.21319644	4.77E-05	0.0045615	-0.096915
5mo_SIGAD9	0.02216376	0.12856716	4.26E-05	0.0051742	-0.068556
5mo_SIGAD9	0.01658628	0.09414852	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.02778652	0.16326524	4.48E-05	0.0047558	-0.12024

5mo_SIGAD9	0.00738024	0.03733804	3.50E-05	0.0074854	0.45576
5mo_SIGAD9	0.03457008	0.20512658	4.70E-05	0.0045688	-0.10426
5mo_SIGAD9	0.01226979	0.06751145	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.02843544	0.1672697	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.0866181	0.5263149	4.77E-05	0.01133	-0.21781
5mo_SIGAD9	0.02398839	0.13982697	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.08014453	0.48636648	4.90E-05	0.014278	0.14202
5mo_SIGAD9	0.03207473	0.18972777	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.02085891	0.12051491	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.01062699	0.05737373	3.68E-05	0.0068	0.30902
5mo_SIGAD9	0.02009852	0.11582258	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.09221871	0.56087625	4.99E-05	0.0073308	-0.6503
5mo_SIGAD9	0.01419068	0.07936526	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.03472766	0.206099	4.72E-05	0.0045646	-0.10426
5mo_SIGAD9	0.02359268	0.13738506	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.0951449	0.5789338	5.16E-05	0.0059226	-0.91061
5mo_SIGAD9	0.05137269	0.30881548	5.87E-05	0.0053288	0.011221
5mo_SIGAD9	0.02891933	0.1702558	4.51E-05	0.0047064	-0.12268
5mo_SIGAD9	0.01195461	0.06556646	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.01522985	0.08577801	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.0216834	0.12560284	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.01194422	0.0655024	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.02148471	0.12437674	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.02946636	0.17363152	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.00763966	0.03893895	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.00444119	0.01920117	3.35E-05	0.0081345	0.58516
5mo_SIGAD9	0.09358621	0.5693151	5.06E-05	0.0067258	-0.7829
5mo_SIGAD9	0.01975388	0.11369576	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.01696409	0.09647999	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.02031896	0.1171829	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.06406942	0.387167	6.27E-05	0.0084357	0.14015
5mo_SIGAD9	0.0224325	0.13022557	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.01346869	0.07490984	3.83E-05	0.0063061	0.19734
5mo_SIGAD9	0.0280464	0.16486894	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.01604692	0.09082013	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.0921033	0.56016403	4.96E-05	0.0076529	-0.6503
5mo_SIGAD9	0.01954273	0.11239278	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.01383966	0.0771991	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.01224946	0.06738598	3.77E-05	0.0064954	0.24064
5mo_SIGAD9	0.07524998	0.4561622	5.28E-05	0.013537	0.23858
5mo_SIGAD9	0.01875398	0.10752542	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.03882484	0.2313827	4.89E-05	0.0045836	-0.076088
5mo_SIGAD9	0.09099052	0.5532971	4.91E-05	0.0083333	-0.56091

5mo_SIGAD9	0.02053364	0.11850769	4.19E-05	0.0053364	-0.037579
5mo_SIGAD9	0.01832318	0.10486696	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.01129598	0.06150206	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.03559016	0.21142147	4.74E-05	0.0045622	-0.10068
5mo_SIGAD9	0.00953695	0.05064712	3.62E-05	0.0070172	0.35661
5mo_SIGAD9	0.08661138	0.52627337	4.77E-05	0.01133	-0.21781
5mo_SIGAD9	0.02950215	0.17385238	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.01435041	0.08035097	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.02357201	0.13725749	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.00796491	0.04094606	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.0114151	0.06223714	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.03518684	0.20893255	4.72E-05	0.0045646	-0.10068
5mo_SIGAD9	0.07707238	0.4674083	5.09E-05	0.014141	0.22047
5mo_SIGAD9	0.02000628	0.11525334	4.16E-05	0.0053955	-0.025531
5mo_SIGAD9	0.02220326	0.12881093	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.028432	0.16724846	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.01958163	0.11263285	4.16E-05	0.0053955	-0.012659
5mo_SIGAD9	0.09077835	0.5519878	4.91E-05	0.0083333	-0.56091
5mo_SIGAD9	0.02333774	0.13581179	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.08843024	0.5374976	4.82E-05	0.0098057	-0.3415
5mo_SIGAD9	0.01618462	0.09166986	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.01559117	0.08800771	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.09350127	0.5687909	5.06E-05	0.0067258	-0.7829
5mo_SIGAD9	0.01268281	0.07006019	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.06103591	0.3684472	6.38E-05	0.0072613	0.10072
5mo_SIGAD9	0.02716404	0.15942392	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.05557829	0.33476824	6.21E-05	0.005966	0.038579
5mo_SIGAD9	0.01637068	0.09281807	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.08879228	0.53973174	4.82E-05	0.0098057	-0.3844
5mo_SIGAD9	0.03046656	0.17980374	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.06028117	0.36378968	6.38E-05	0.0070986	0.087064
5mo_SIGAD9	0.0203241	0.11721461	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.03749182	0.22315665	4.84E-05	0.0045696	-0.084703
5mo_SIGAD9	0.02550674	0.14919667	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.0171949	0.09790432	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.03232354	0.19126314	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.01249998	0.06893193	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.00320965	0.01160135	3.26E-05	0.0085576	0.66457
5mo_SIGAD9	0.01677665	0.09532332	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.00818893	0.04232847	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.02358866	0.13736022	4.32E-05	0.0050338	-0.084895
5mo_SIGAD9	0.02008262	0.11572446	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.01521591	0.08569197	3.95E-05	0.0059603	0.11709

5mo_SIGAD9	0.03263488	0.19318444	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.01428125	0.07992418	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.0160547	0.09086814	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.0962102	0.58550775	5.24E-05	0.0054581	-0.99133
5mo_SIGAD9	0.03321991	0.19679467	4.66E-05	0.0045822	-0.11352
5mo_SIGAD9	0.02566723	0.15018708	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.01815278	0.10381541	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.02785845	0.16370909	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.09163117	0.55725056	4.96E-05	0.0076529	-0.60562
5mo_SIGAD9	0.013805	0.07698526	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.02140188	0.1238656	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.01034284	0.05562023	3.68E-05	0.0068	0.30902
5mo_SIGAD9	0.02023567	0.11666894	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.01693633	0.09630866	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.01185158	0.06493071	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.05847044	0.35261565	6.34E-05	0.0065282	0.068735
5mo_SIGAD9	0.05329049	0.32065025	6.05E-05	0.0056127	0.022172
5mo_SIGAD9	0.01506966	0.08478946	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.01773938	0.10126433	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.01550351	0.08746673	3.95E-05	0.0059603	0.11709
5mo_SIGAD9	0.03119941	0.18432616	4.58E-05	0.00463	-0.12145
5mo_SIGAD9	0.02302785	0.13389945	4.30E-05	0.0050782	-0.077142
5mo_SIGAD9	0.0098907	0.05283012	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.09754003	0.5937141	5.36E-05	0.0048658	-1.0673
5mo_SIGAD9	0.03118042	0.18420896	4.58E-05	0.00463	-0.12145
5mo_SIGAD9	0.01936874	0.11131911	4.14E-05	0.0054571	0.0010121
5mo_SIGAD9	0.00663654	0.0327487	3.47E-05	0.0076096	0.48124
5mo_SIGAD9	0.01015117	0.05443748	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.09638741	0.5866013	5.24E-05	0.0054581	-0.99133
5mo_SIGAD9	0.030234	0.17836861	4.55E-05	0.0046645	-0.12245
5mo_SIGAD9	0.01157488	0.06322318	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.02742146	0.16101241	4.46E-05	0.0047834	-0.11816
5mo_SIGAD9	0.03877317	0.23106384	4.89E-05	0.0045836	-0.076088
5mo_SIGAD9	0.03222847	0.1906765	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.03641062	0.2164845	4.79E-05	0.0045625	-0.092976
5mo_SIGAD9	0.03722401	0.22150396	4.81E-05	0.0045652	-0.088896
5mo_SIGAD9	0.01022916	0.05491871	3.65E-05	0.0069072	0.33263
5mo_SIGAD9	0.09327427	0.56739014	5.06E-05	0.0067258	-0.73907
5mo_SIGAD9	0.08850569	0.5379632	4.82E-05	0.0098057	-0.3415
5mo_SIGAD9	0.02172547	0.12586243	4.26E-05	0.0051742	-0.059109
5mo_SIGAD9	0.01997204	0.11504205	4.16E-05	0.0053955	-0.025531
5mo_SIGAD9	0.01153369	0.06296898	3.74E-05	0.0065941	0.263
5mo_SIGAD9	0.02523224	0.14750277	4.38E-05	0.0049138	-0.10343

5mo_SIGAD9	0.02787947	0.16383883	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.020539	0.11854078	4.19E-05	0.0053364	-0.037579
5mo_SIGAD9	0.01886394	0.10820399	4.11E-05	0.0055212	0.015459
5mo_SIGAD9	0.09654515	0.58757466	5.28E-05	0.0052469	-0.99133
5mo_SIGAD9	0.03145646	0.18591242	4.60E-05	0.0046154	-0.12002
5mo_SIGAD9	0.01689228	0.09603681	4.03E-05	0.005729	0.063215
5mo_SIGAD9	0.03039819	0.17938183	4.57E-05	0.0046464	-0.12245
5mo_SIGAD9	0.00386695	0.01565754	3.32E-05	0.0082728	0.61153
5mo_SIGAD9	0.01419387	0.07938492	3.89E-05	0.0061278	0.1561
5mo_SIGAD9	0.02991626	0.17640781	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.02653035	0.15551338	4.42E-05	0.0048445	-0.11546
5mo_SIGAD9	0.02262415	0.13140821	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.04091479	0.24427974	5.02E-05	0.0046325	-0.058715
5mo_SIGAD9	0.01586704	0.08971011	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.0968686	0.5895707	5.28E-05	0.0052469	-1.03
5mo_SIGAD9	0.03883113	0.2314215	4.89E-05	0.0045836	-0.076088
5mo_SIGAD9	0.05021996	0.301702	5.78E-05	0.0052091	0.0043724
5mo_SIGAD9	0.06591424	0.3985514	6.16E-05	0.0091463	0.17407
5mo_SIGAD9	0.01661592	0.09433144	4.00E-05	0.0058035	0.080526
5mo_SIGAD9	0.01577783	0.08915958	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.02581481	0.15109777	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.08325496	0.50556093	4.78E-05	0.013315	-0.0045591
5mo_SIGAD9	0.02245135	0.13034186	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.07330691	0.44417155	5.43E-05	0.012883	0.24489
5mo_SIGAD9	0.04007334	0.23908718	4.95E-05	0.0046046	-0.063007
5mo_SIGAD9	0.0242024	0.14114761	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.03447698	0.20455204	4.70E-05	0.0045688	-0.10761
5mo_SIGAD9	0.02609625	0.15283455	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.00807729	0.04163952	3.53E-05	0.0073641	0.43054
5mo_SIGAD9	0.020306	0.11710294	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.00650979	0.03196647	3.47E-05	0.0076096	0.48124
5mo_SIGAD9	0.02516665	0.147098	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.03221737	0.19060796	4.62E-05	0.0046026	-0.11821
5mo_SIGAD9	0.0216405	0.1253381	4.24E-05	0.0052258	-0.059109
5mo_SIGAD9	0.02576242	0.15077448	4.40E-05	0.0048781	-0.10813
5mo_SIGAD9	0.02623552	0.15369397	4.42E-05	0.0048445	-0.11213
5mo_SIGAD9	0.08261032	0.50158286	4.79E-05	0.013563	0.05262
5mo_SIGAD9	0.01751635	0.099888	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.02025572	0.11679262	4.19E-05	0.0053364	-0.025531
5mo_SIGAD9	0.02656375	0.15571947	4.44E-05	0.004813	-0.11546
5mo_SIGAD9	0.01474531	0.08278791	3.92E-05	0.0060428	0.1363
5mo_SIGAD9	0.00815914	0.04214461	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.02700718	0.1584559	4.44E-05	0.004813	-0.11816

5mo_SIGAD9	0.02158886	0.12501945	4.24E-05	0.0052258	-0.059109
5mo_SIGAD9	0.03592153	0.21346633	4.77E-05	0.0045615	-0.096915
5mo_SIGAD9	0.01093578	0.05927931	3.71E-05	0.0066957	0.2858
5mo_SIGAD9	0.00859842	0.04485543	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.07511827	0.45534948	5.28E-05	0.013537	0.23858
5mo_SIGAD9	0.03000709	0.17696832	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.01600471	0.09055967	3.98E-05	0.0058806	0.098494
5mo_SIGAD9	0.03697536	0.21996953	4.81E-05	0.0045652	-0.088896
5mo_SIGAD9	0.07581807	0.45966792	5.23E-05	0.013721	0.23393
5mo_SIGAD9	0.02498101	0.14595245	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.03005583	0.17726916	4.55E-05	0.0046645	-0.12301
5mo_SIGAD9	0.02231247	0.12948488	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.02250746	0.13068812	4.28E-05	0.005125	-0.068556
5mo_SIGAD9	0.0205822	0.11880736	4.21E-05	0.0052798	-0.037579
5mo_SIGAD9	0.0283887	0.16698126	4.49E-05	0.0047302	-0.12174
5mo_SIGAD9	0.02512328	0.14683038	4.38E-05	0.0049138	-0.10343
5mo_SIGAD9	0.01358736	0.07564218	3.86E-05	0.0062156	0.17645
5mo_SIGAD9	0.03872963	0.23079517	4.89E-05	0.0045836	-0.076088
5mo_SIGAD9	0.05301608	0.31895682	6.01E-05	0.0055357	0.022172
5mo_SIGAD9	0.03282007	0.19432722	4.64E-05	0.0045915	-0.11603
5mo_SIGAD9	0.02785244	0.16367204	4.48E-05	0.0047558	-0.12024
5mo_SIGAD9	0.01786943	0.10206685	4.09E-05	0.0055879	0.030658
5mo_SIGAD9	0.09196187	0.5592913	4.96E-05	0.0076529	-0.6503
5mo_SIGAD9	0.08485935	0.5154616	4.76E-05	0.012404	-0.10433
5mo_SIGAD9	0.0161972	0.09174752	3.98E-05	0.0058806	0.080526
5mo_SIGAD9	0.02141111	0.12392258	4.24E-05	0.0052258	-0.04878
5mo_SIGAD9	0.05466005	0.3291018	6.14E-05	0.0057798	0.034245
5mo_SIGAD9	0.02399232	0.1398512	4.34E-05	0.0049916	-0.091842
5mo_SIGAD9	0.00936897	0.0496105	3.62E-05	0.0070172	0.35661
5mo_SIGAD9	0.0294536	0.17355277	4.53E-05	0.0046846	-0.1231
5mo_SIGAD9	0.01773103	0.10121276	4.06E-05	0.0056572	0.046584
5mo_SIGAD9	0.01256773	0.06935004	3.80E-05	0.0063994	0.21875
5mo_SIGAD9	0.00832756	0.04318394	3.56E-05	0.0072456	0.40559
5mo_SIGAD9	0.02001613	0.11531416	4.16E-05	0.0053955	-0.025531
5mo_SIGAD9	0.06628135	0.40081683	6.12E-05	0.0093985	0.17407
5mo_SIGAD9	0.04381271	0.26216283	5.21E-05	0.0047343	-0.035266
5mo_SIGAD9	0.01057627	0.05706075	3.68E-05	0.0068	0.30902
5mo_SIGAD9	0.02852801	0.16784093	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.00800021	0.04116386	3.53E-05	0.0073641	0.43054
7dr2_7dold_9	0.03005401	0.17725788	4.55E-05	0.0046645	-0.12301
7dr2_7dold_9	0.01825905	0.10447121	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.01097777	0.05953837	3.71E-05	0.0066957	0.2858
7dr2_7dold_9	0.01262396	0.06969702	3.80E-05	0.0063994	0.21875

7dr2_7dold_§	0.01562611	0.08822332	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.0297562	0.17542014	4.53E-05	0.0046846	-0.12301
7dr2_7dold_§	0.02521245	0.14738065	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.01890384	0.10845016	4.11E-05	0.0055212	0.0010121
7dr2_7dold_§	0.02773055	0.1629198	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.0213957	0.12382748	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.00998462	0.05340967	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.0200148	0.11530592	4.16E-05	0.0053955	-0.025531
7dr2_7dold_§	0.07436722	0.4507147	5.33E-05	0.013335	0.24406
7dr2_7dold_§	0.01020011	0.05473945	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02889398	0.17009938	4.51E-05	0.0047064	-0.12268
7dr2_7dold_§	0.02621676	0.15357825	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01824688	0.10439608	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01636798	0.09280139	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01334409	0.07414094	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01895862	0.10878827	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.08335562	0.50618213	4.78E-05	0.013315	-0.0045591
7dr2_7dold_§	0.03096971	0.1829087	4.58E-05	0.00463	-0.12145
7dr2_7dold_§	0.01407001	0.07862062	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.02672925	0.15674081	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.01957406	0.11258613	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01673476	0.0950648	4.00E-05	0.0058035	0.063215
7dr2_7dold_§	0.02672052	0.15668696	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.02599525	0.1522113	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01856935	0.10638603	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01388473	0.07747728	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01058645	0.05712358	3.68E-05	0.0068	0.30902
7dr2_7dold_§	0.02706663	0.15882275	4.44E-05	0.004813	-0.11816
7dr2_7dold_§	0.02959036	0.17439674	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.00632026	0.03079692	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.02297808	0.13359232	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.01020074	0.05474332	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02925113	0.17230335	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.02234967	0.12971441	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.07014573	0.42466393	5.76E-05	0.011297	0.22487
7dr2_7dold_§	0.01696857	0.09650762	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.00645525	0.03162992	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01882784	0.10798118	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02419369	0.14109387	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.02308531	0.13425407	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.02951072	0.17390525	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.0161364	0.0913723	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.03340203	0.19791855	4.66E-05	0.0045822	-0.11352

7dr2_7dold_9	0.04069225	0.24290647	5.02E-05	0.0046325	-0.058715
7dr2_7dold_9	0.02504582	0.14635235	4.38E-05	0.0049138	-0.10343
7dr2_7dold_9	0.02149423	0.12443547	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.01489436	0.08370768	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.05287037	0.3180577	6.01E-05	0.0055357	0.018414
7dr2_7dold_9	0.01623141	0.09195862	3.98E-05	0.0058806	0.080526
7dr2_7dold_9	0.00637564	0.03113865	3.44E-05	0.0077366	0.50694
7dr2_7dold_9	0.0334147	0.19799674	4.66E-05	0.0045822	-0.11352
7dr2_7dold_9	0.01495319	0.08407071	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.01789652	0.10223402	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.03634279	0.21606594	4.79E-05	0.0045625	-0.092976
7dr2_7dold_9	0.01282439	0.07093387	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.02832577	0.16659293	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.0371783	0.22122191	4.81E-05	0.0045652	-0.088896
7dr2_7dold_9	0.03188784	0.18857445	4.60E-05	0.0046154	-0.11821
7dr2_7dold_9	0.01955326	0.11245777	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.03118547	0.18424012	4.58E-05	0.00463	-0.12145
7dr2_7dold_9	0.02292253	0.13324954	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.02074303	0.11979985	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.0156175	0.08817016	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.00497952	0.02252321	3.38E-05	0.0079991	0.55892
7dr2_7dold_9	0.02620397	0.15349928	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.01790142	0.10226423	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.024598	0.14358883	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.00757419	0.03853489	3.53E-05	0.0073641	0.43054
7dr2_7dold_9	0.01979018	0.11391979	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.01872717	0.10735998	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.01532078	0.08633909	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01290207	0.07141326	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01748751	0.09971003	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.02699521	0.15838203	4.44E-05	0.004813	-0.11816
7dr2_7dold_9	0.0217882	0.12624955	4.26E-05	0.0051742	-0.059109
7dr2_7dold_9	0.0159338	0.09012206	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.0162419	0.09202338	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.06242887	0.37704313	6.35E-05	0.0078047	0.11565
7dr2_7dold_9	0.00599878	0.02881302	3.44E-05	0.0077366	0.50694
7dr2_7dold_9	0.02190177	0.12695041	4.26E-05	0.0051742	-0.059109
7dr2_7dold_9	0.01953151	0.11232356	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.02255864	0.13100396	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.04437427	0.2656282	5.25E-05	0.0047605	-0.031751
7dr2_7dold_9	0.01988121	0.11448152	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.02106598	0.12179273	4.21E-05	0.0052798	-0.04878
7dr2_7dold_9	0.02011236	0.11590796	4.19E-05	0.0053364	-0.025531

7dr2_7dold_9	0.02854444	0.16794235	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.01616379	0.09154131	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.01317657	0.07310718	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.061078	0.36870694	6.38E-05	0.0072613	0.10072
7dr2_7dold_9	0.02465791	0.14395855	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.01256886	0.06935701	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01665782	0.09458999	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.02309807	0.1343328	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.03137098	0.18538494	4.58E-05	0.00463	-0.12002
7dr2_7dold_9	0.02500259	0.1460856	4.38E-05	0.0049138	-0.10343
7dr2_7dold_9	0.02142542	0.12401088	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.02249294	0.13059852	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.01607475	0.09099186	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.01774041	0.10127065	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.02164282	0.12535246	4.24E-05	0.0052258	-0.059109
7dr2_7dold_9	0.01952189	0.1122642	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.00556657	0.02614588	3.41E-05	0.0078664	0.53284
7dr2_7dold_9	0.0158997	0.08991162	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.03494418	0.20743513	4.72E-05	0.0045646	-0.10426
7dr2_7dold_9	0.01958265	0.11263911	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.02172524	0.12586105	4.26E-05	0.0051742	-0.059109
7dr2_7dold_9	0.01253608	0.06915475	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.02766873	0.16253832	4.48E-05	0.0047558	-0.12024
7dr2_7dold_9	0.03695601	0.21985012	4.81E-05	0.0045652	-0.088896
7dr2_7dold_9	0.01672725	0.09501847	4.00E-05	0.0058035	0.063215
7dr2_7dold_9	0.00739231	0.03741254	3.50E-05	0.0074854	0.45576
7dr2_7dold_9	0.01082764	0.05861193	3.71E-05	0.0066957	0.2858
7dr2_7dold_9	0.01514289	0.08524136	3.92E-05	0.0060428	0.11709
7dr2_7dold_9	0.02317176	0.13478753	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.00582871	0.02776353	3.41E-05	0.0078664	0.53284
7dr2_7dold_9	0.01804024	0.10312089	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.02095857	0.12112995	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.0395615	0.23592861	4.95E-05	0.0046046	-0.067351
7dr2_7dold_9	0.0262459	0.15375805	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.01599741	0.0905146	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.02990356	0.17632945	4.55E-05	0.0046645	-0.12301
7dr2_7dold_9	0.02731908	0.16038065	4.46E-05	0.0047834	-0.11816
7dr2_7dold_9	0.03006305	0.1773137	4.55E-05	0.0046645	-0.12301
7dr2_7dold_9	0.03446455	0.20447536	4.70E-05	0.0045688	-0.10761
7dr2_7dold_9	0.03348049	0.19840269	4.66E-05	0.0045822	-0.11071
7dr2_7dold_9	0.02687664	0.15765032	4.44E-05	0.004813	-0.11546
7dr2_7dold_9	0.02751546	0.16159248	4.46E-05	0.0047834	-0.11816
7dr2_7dold_9	0.09901528	0.6028179	5.45E-05	0.0045382	-1.1701

7dr2_7dold_9	0.08229341	0.49962726	4.81E-05	0.013778	0.05262
7dr2_7dold_9	0.02318829	0.13488951	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.0030858	0.01083706	3.26E-05	0.0085576	0.66457
7dr2_7dold_9	0.0199138	0.11468263	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.01643438	0.09321116	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.019049	0.10934597	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.02693144	0.15798855	4.44E-05	0.004813	-0.11546
7dr2_7dold_9	0.07308889	0.44282618	5.49E-05	0.012637	0.24489
7dr2_7dold_9	0.01629402	0.09234498	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.03760942	0.22388233	4.84E-05	0.0045696	-0.084703
7dr2_7dold_9	0.01857014	0.10639093	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.022676	0.13172817	4.28E-05	0.005125	-0.077142
7dr2_7dold_9	0.02627117	0.15391399	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.05604897	0.33767283	6.24E-05	0.0060668	0.043089
7dr2_7dold_9	0.00653557	0.03212556	3.47E-05	0.0076096	0.48124
7dr2_7dold_9	0.02760408	0.16213942	4.46E-05	0.0047834	-0.12024
7dr2_7dold_9	0.01188056	0.06510953	3.74E-05	0.0065941	0.24064
7dr2_7dold_9	0.01275957	0.0705339	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01078672	0.05835946	3.68E-05	0.0068	0.2858
7dr2_7dold_9	0.01552687	0.0876109	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.0078157	0.04002524	3.53E-05	0.0073641	0.43054
7dr2_7dold_9	0.01993051	0.11478575	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.01627362	0.09221909	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01946611	0.11191995	4.14E-05	0.0054571	-0.012659
7dr2_7dold_9	0.01058621	0.05712206	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.0309464	0.18276486	4.58E-05	0.00463	-0.12145
7dr2_7dold_9	0.01520974	0.0856539	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.0133819	0.07437427	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.02014229	0.11609265	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01306259	0.07240382	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.00907123	0.04777312	3.59E-05	0.00713	0.38094
7dr2_7dold_9	0.01499211	0.08431089	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.02187264	0.12677063	4.26E-05	0.0051742	-0.059109
7dr2_7dold_9	0.0248431	0.14510135	4.36E-05	0.0049516	-0.10343
7dr2_7dold_9	0.01742296	0.09931166	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.00365391	0.01434284	3.29E-05	0.0084138	0.63801
7dr2_7dold_9	0.01310693	0.07267743	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.02922795	0.1721603	4.51E-05	0.0047064	-0.1231
7dr2_7dold_9	0.01860712	0.10661915	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.01555758	0.08780044	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01580875	0.0893504	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.00887531	0.04656411	3.59E-05	0.00713	0.38094
7dr2_7dold_9	0.01573644	0.08890418	3.98E-05	0.0058806	0.098494

7dr2_7dold_§	0.01364772	0.07601468	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.02978877	0.17562112	4.55E-05	0.0046645	-0.12301
7dr2_7dold_§	0.02235638	0.12975582	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.03627764	0.2156639	4.77E-05	0.0045615	-0.092976
7dr2_7dold_§	0.00422038	0.01783856	3.32E-05	0.0082728	0.61153
7dr2_7dold_§	0.01263846	0.06978654	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.02304651	0.13401459	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.00763469	0.03890827	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.0219026	0.12695552	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.01680103	0.09547375	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.00910559	0.04798517	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.00786302	0.04031728	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.02139893	0.1238474	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.03157841	0.18666495	4.60E-05	0.0046154	-0.12002
7dr2_7dold_§	0.01103832	0.05991205	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.02110247	0.12201792	4.21E-05	0.0052798	-0.04878
7dr2_7dold_§	0.01261717	0.06965513	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01223873	0.06731977	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.01499059	0.08430152	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.00956538	0.05082253	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.01843535	0.10555914	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01413664	0.07903182	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01486424	0.08352182	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.02452536	0.1431406	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.01449836	0.08126395	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.03422238	0.2029809	4.70E-05	0.0045688	-0.10761
7dr2_7dold_§	0.02619956	0.1534721	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01204085	0.0660987	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.01503167	0.08455504	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01004662	0.05379229	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01514116	0.08523069	3.92E-05	0.0060428	0.11709
7dr2_7dold_§	0.01630366	0.0924045	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01806445	0.10327031	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02185834	0.1266824	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.01641814	0.09311094	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01423322	0.07962778	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.0142345	0.07963568	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.02650179	0.15533713	4.42E-05	0.0048445	-0.11546
7dr2_7dold_§	0.02355391	0.13714576	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.01247981	0.06880749	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01376581	0.07674342	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.0206273	0.11908564	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.02029316	0.11702366	4.19E-05	0.0053364	-0.025531

7dr2_7dold_§	0.01520095	0.08559963	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02119888	0.12261291	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.00508041	0.02314578	3.38E-05	0.0079991	0.55892
7dr2_7dold_§	0.01961321	0.11282774	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01924907	0.11058059	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01380212	0.07696746	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01974145	0.11361907	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01900876	0.10909765	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.0171018	0.09732982	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.03758483	0.22373061	4.84E-05	0.0045696	-0.084703
7dr2_7dold_§	0.013881	0.07745422	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01543746	0.08705913	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01436567	0.08044514	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.0225487	0.13094266	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01353064	0.07529218	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01852313	0.10610082	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02600213	0.15225373	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01686452	0.09586556	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.01089155	0.05900632	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.01233129	0.06789096	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.01779709	0.10162043	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01329183	0.07381844	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.02555963	0.14952305	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.02623239	0.15367469	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01980498	0.11401113	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01758282	0.10029818	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.0216814	0.12559052	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.01846153	0.10572069	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01093962	0.05930299	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.0247241	0.14436705	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.02543056	0.14872661	4.38E-05	0.0049138	-0.10813
7dr2_7dold_§	0.01080106	0.05844791	3.68E-05	0.0068	0.2858
7dr2_7dold_§	0.01004936	0.05380917	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01952543	0.11228602	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.00967764	0.05151532	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.01790267	0.10227194	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01196815	0.06565007	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.0208582	0.12051051	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.0121376	0.06669574	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.00869926	0.04547771	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.01678512	0.09537555	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.00924563	0.04884939	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.01133597	0.06174883	3.71E-05	0.0066957	0.263

7dr2_7dold_9	0.0132247	0.07340419	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.01270668	0.07020749	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01252582	0.06909142	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.02383418	0.13887534	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.02427284	0.14158231	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.02018073	0.11632987	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.00983218	0.05246897	3.65E-05	0.0069072	0.33263
7dr2_7dold_9	0.0079045	0.04057322	3.53E-05	0.0073641	0.43054
7dr2_7dold_9	0.01224306	0.06734652	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.0156475	0.08835529	3.95E-05	0.0059603	0.098494
7dr2_7dold_9	0.00654905	0.03220878	3.47E-05	0.0076096	0.48124
7dr2_7dold_9	0.01814337	0.10375734	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.02656554	0.15573058	4.44E-05	0.004813	-0.11546
7dr2_7dold_9	0.019604	0.11277086	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.02578828	0.15093407	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.01477106	0.08294678	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.02078828	0.12007909	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.01574468	0.08895501	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.01746103	0.0995466	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.0083407	0.04326502	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.01931743	0.11100243	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.02455077	0.14329742	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.01149926	0.06275652	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.01629878	0.09237436	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01885418	0.10814374	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.01998479	0.11512073	4.16E-05	0.0053955	-0.025531
7dr2_7dold_9	0.01307087	0.07245491	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.00415524	0.01743656	3.32E-05	0.0082728	0.61153
7dr2_7dold_9	0.01281686	0.07088742	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01628315	0.09227788	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01334603	0.07415292	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.02724767	0.15993999	4.46E-05	0.0047834	-0.11816
7dr2_7dold_9	0.01308457	0.07253948	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.01236398	0.06809273	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.02090784	0.12081689	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.01465251	0.08221522	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.02041695	0.11778761	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01929919	0.11088992	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.0198613	0.11435867	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.0290447	0.17102943	4.51E-05	0.0047064	-0.12268
7dr2_7dold_9	0.02640618	0.15474711	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.01106423	0.06007195	3.71E-05	0.0066957	0.2858
7dr2_7dold_9	0.01725198	0.09825657	4.03E-05	0.005729	0.063215

7dr2_7dold_§	0.00550398	0.02575961	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.02633934	0.1543347	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.02857159	0.16810988	4.49E-05	0.0047302	-0.12174
7dr2_7dold_§	0.02651041	0.15539035	4.42E-05	0.0048445	-0.11546
7dr2_7dold_§	0.02254905	0.13094477	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01727107	0.09837437	4.03E-05	0.005729	0.046584
7dr2_7dold_§	0.01386839	0.07737641	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01023183	0.05493522	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01164524	0.06365734	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.01440704	0.08070041	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01511052	0.08504163	3.92E-05	0.0060428	0.11709
7dr2_7dold_§	0.00235014	0.0062973	3.23E-05	0.0087041	0.69119
7dr2_7dold_§	0.0137788	0.07682359	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01957742	0.11260685	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.00760949	0.03875276	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.01166126	0.06375621	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.0218501	0.12663157	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.02503498	0.14628543	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.02426071	0.14150746	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.01818106	0.1039899	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01825381	0.10443885	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.0292346	0.17220132	4.51E-05	0.0047064	-0.1231
7dr2_7dold_§	0.01079606	0.05841706	3.68E-05	0.0068	0.2858
7dr2_7dold_§	0.01925336	0.11060707	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.02107463	0.12184615	4.21E-05	0.0052798	-0.04878
7dr2_7dold_§	0.0168537	0.09579877	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.05580497	0.33616707	6.24E-05	0.0060668	0.043089
7dr2_7dold_§	0.02309269	0.13429956	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.02065849	0.11927814	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.03119996	0.18432954	4.58E-05	0.00463	-0.12145
7dr2_7dold_§	0.05847681	0.35265496	6.34E-05	0.0065282	0.068735
7dr2_7dold_§	0.03964808	0.23646289	4.95E-05	0.0046046	-0.067351
7dr2_7dold_§	0.00637045	0.03110665	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.02641844	0.15482281	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.00340604	0.01281327	3.29E-05	0.0084138	0.63801
7dr2_7dold_§	0.02186588	0.12672892	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.00630947	0.0307303	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.02549969	0.14915317	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.02545159	0.14885639	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.02135218	0.12355889	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.02349856	0.13680421	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.01860427	0.10660155	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02199322	0.12751475	4.26E-05	0.0051742	-0.059109

7dr2_7dold_9	0.01546806	0.08724801	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01889329	0.10838509	4.11E-05	0.0055212	0.0010121
7dr2_7dold_9	0.02060132	0.11892531	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.0309292	0.18265869	4.58E-05	0.00463	-0.12145
7dr2_7dold_9	0.02621804	0.15358613	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.02379401	0.13862742	4.32E-05	0.0050338	-0.091842
7dr2_7dold_9	0.01996785	0.11501616	4.16E-05	0.0053955	-0.025531
7dr2_7dold_9	0.01980976	0.1140406	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.01380562	0.07698904	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.01766482	0.10080417	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.02815507	0.16553953	4.48E-05	0.0047558	-0.12174
7dr2_7dold_9	0.02500554	0.1461038	4.38E-05	0.0049138	-0.10343
7dr2_7dold_9	0.02275784	0.13223323	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.01436212	0.0804232	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.02042687	0.11784883	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01598658	0.0904478	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.02159624	0.12506498	4.24E-05	0.0052258	-0.059109
7dr2_7dold_9	0.02806874	0.1650068	4.48E-05	0.0047558	-0.12024
7dr2_7dold_9	0.01553171	0.08764074	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01772983	0.10120537	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01792581	0.10241478	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.01942724	0.11168007	4.14E-05	0.0054571	-0.012659
7dr2_7dold_9	0.02700417	0.15843736	4.44E-05	0.004813	-0.11816
7dr2_7dold_9	0.00666967	0.03295311	3.47E-05	0.0076096	0.48124
7dr2_7dold_9	0.02547036	0.1489722	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.01992906	0.11477681	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.01523349	0.08580045	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.00827249	0.04284412	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.00827007	0.04282918	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.01947125	0.11195165	4.14E-05	0.0054571	-0.012659
7dr2_7dold_9	0.02552253	0.14929415	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.01889046	0.10836764	4.11E-05	0.0055212	0.0010121
7dr2_7dold_9	0.01962819	0.11292013	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.02321127	0.13503137	4.30E-05	0.0050782	-0.084895
7dr2_7dold_9	0.02344943	0.13650101	4.32E-05	0.0050338	-0.084895
7dr2_7dold_9	0.00351963	0.01351423	3.29E-05	0.0084138	0.63801
7dr2_7dold_9	0.00686558	0.03416211	3.47E-05	0.0076096	0.48124
7dr2_7dold_9	0.02354012	0.13706069	4.32E-05	0.0050338	-0.084895
7dr2_7dold_9	0.02017561	0.11629828	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.07537846	0.4569551	5.23E-05	0.013721	0.23858
7dr2_7dold_9	0.00919362	0.04852842	3.62E-05	0.0070172	0.35661
7dr2_7dold_9	0.01244848	0.06861413	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.02358069	0.13731106	4.32E-05	0.0050338	-0.084895

7dr2_7dold_§	0.00836421	0.0434101	3.56E-05	0.0072456	0.40559
7dr2_7dold_§	0.01469532	0.08247941	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.02860886	0.16833988	4.49E-05	0.0047302	-0.12174
7dr2_7dold_§	0.02915141	0.17168798	4.51E-05	0.0047064	-0.1231
7dr2_7dold_§	0.02170985	0.12576608	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.02419472	0.1411002	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.00615353	0.029768	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01570265	0.08869563	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.0150153	0.08445401	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.00814304	0.04204529	3.56E-05	0.0072456	0.40559
7dr2_7dold_§	0.00999697	0.05348591	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01541356	0.08691163	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01377006	0.0767696	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.02292721	0.13327843	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.01830568	0.10475894	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02260491	0.1312895	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01467349	0.08234472	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01459427	0.0818558	3.89E-05	0.0061278	0.1363
7dr2_7dold_§	0.0221491	0.12847666	4.26E-05	0.0051742	-0.068556
7dr2_7dold_§	0.02855814	0.16802686	4.49E-05	0.0047302	-0.12174
7dr2_7dold_§	0.01764401	0.10067576	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01451677	0.08137758	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.0323579	0.1914752	4.62E-05	0.0046026	-0.11821
7dr2_7dold_§	0.00639294	0.03124539	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.00746079	0.03783511	3.50E-05	0.0074854	0.45576
7dr2_7dold_§	0.02266206	0.13164221	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.02716549	0.15943284	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.01428646	0.07995632	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.02135578	0.1235811	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01131878	0.06164278	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.01435286	0.08036609	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01912105	0.10979059	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.02403113	0.14009072	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.02727763	0.16012485	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.03293864	0.19505894	4.64E-05	0.0045915	-0.11352
7dr2_7dold_§	0.02229994	0.12940751	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01799107	0.10281746	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02998753	0.17684765	4.55E-05	0.0046645	-0.12301
7dr2_7dold_§	0.02085907	0.12051593	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01286101	0.07115987	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.0143655	0.08044408	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.036193	0.2151416	4.77E-05	0.0045615	-0.092976
7dr2_7dold_§	0.01423602	0.07964505	3.89E-05	0.0061278	0.1561

7dr2_7dold_§	0.01500901	0.08441521	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01005153	0.05382257	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02804293	0.16484752	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.01007557	0.05397093	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02687877	0.15766352	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.01722009	0.09805974	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.02124027	0.12286832	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.02561234	0.14984834	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.02085166	0.12047018	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.00378383	0.0151446	3.32E-05	0.0082728	0.61153
7dr2_7dold_§	0.01883736	0.10803995	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01235666	0.06804752	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.00586852	0.02800922	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.00571365	0.02705354	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.014755	0.08284769	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.02673918	0.15680206	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.01834134	0.104979	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01264496	0.06982663	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.03808655	0.22682668	4.87E-05	0.0045758	-0.080425
7dr2_7dold_§	0.01193471	0.06544367	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.00640439	0.0313161	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.02060399	0.11894178	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01166757	0.06379514	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.00785932	0.04029442	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.02618219	0.15336487	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.02143262	0.12405531	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01419944	0.0794193	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01970331	0.11338372	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01963996	0.11299277	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.02833797	0.16666825	4.49E-05	0.0047302	-0.12174
7dr2_7dold_§	0.09438349	0.5742351	5.13E-05	0.0061762	-0.82618
7dr2_7dold_§	0.01484875	0.08342624	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01741858	0.09928467	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01612875	0.09132507	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01526163	0.08597414	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01370774	0.07638504	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01520543	0.0856273	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01689647	0.0960627	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.01107868	0.06016112	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.01742934	0.09935103	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.0071769	0.03608322	3.50E-05	0.0074854	0.45576
7dr2_7dold_§	0.02216914	0.12860034	4.26E-05	0.0051742	-0.068556
7dr2_7dold_§	0.01091497	0.05915087	3.71E-05	0.0066957	0.2858

7dr2_7dold_§	0.01464312	0.08215728	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.02047438	0.11814202	4.19E-05	0.0053364	-0.025531
7dr2_7dold_§	0.02124367	0.12288929	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.02750792	0.16154596	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.01698864	0.09663148	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.0232862	0.13549373	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.02154849	0.12477031	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01943903	0.11175284	4.14E-05	0.0054571	-0.012659
7dr2_7dold_§	0.0323525	0.19144188	4.62E-05	0.0046026	-0.11821
7dr2_7dold_§	0.01291034	0.07146426	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.00724768	0.03652003	3.50E-05	0.0074854	0.45576
7dr2_7dold_§	0.01073887	0.05806414	3.68E-05	0.0068	0.30902
7dr2_7dold_§	0.03112052	0.18383932	4.58E-05	0.00463	-0.12145
7dr2_7dold_§	0.00566786	0.02677097	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.01873481	0.10740709	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01688269	0.09597764	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.02258457	0.13116398	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01181361	0.0646964	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.00577263	0.02741745	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.01371104	0.07640541	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01842792	0.10551328	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01660225	0.09424706	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.0223775	0.12988614	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01755855	0.10014842	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.03537021	0.21006417	4.74E-05	0.0045622	-0.10068
7dr2_7dold_§	0.01555487	0.0877837	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01714374	0.09758861	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.00928572	0.04909677	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.01771976	0.10114325	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01470217	0.08252167	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.02952714	0.17400655	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.02847283	0.16750042	4.49E-05	0.0047302	-0.12174
7dr2_7dold_§	0.02086534	0.12055462	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01571779	0.08878905	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01635355	0.09271235	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.00635994	0.0310418	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01778158	0.10152473	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01877856	0.10767706	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01106448	0.06007351	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.01793435	0.10246745	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02833635	0.16665824	4.49E-05	0.0047302	-0.12174
7dr2_7dold_§	0.01853511	0.10617475	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02763241	0.16231422	4.48E-05	0.0047558	-0.12024

7dr2_7dold_§	0.00231081	0.00605459	3.23E-05	0.0087041	0.69119
7dr2_7dold_§	0.01540495	0.08685853	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01345562	0.07482922	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01828142	0.10460924	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02263125	0.13145204	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.02518746	0.14722645	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.01397581	0.07803932	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.00950632	0.05045807	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.02106298	0.12177423	4.21E-05	0.0052798	-0.04878
7dr2_7dold_§	0.01120504	0.06094088	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.00925195	0.04888836	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.02276828	0.13229768	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.02253002	0.13082734	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01501609	0.08445886	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01134554	0.06180788	3.71E-05	0.0066957	0.263
7dr2_7dold_§	0.0117452	0.06427421	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.00728058	0.03672302	3.50E-05	0.0074854	0.45576
7dr2_7dold_§	0.01874596	0.10747594	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01264433	0.06982275	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01580064	0.08930031	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.08618767	0.5236587	4.77E-05	0.01133	-0.17867
7dr2_7dold_§	0.01957284	0.11257857	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.09833421	0.598615	5.40E-05	0.0046955	-1.1375
7dr2_7dold_§	0.03801714	0.22639833	4.87E-05	0.0045758	-0.080425
7dr2_7dold_§	0.01538999	0.0867662	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01732434	0.0987031	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.0095599	0.05078873	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.02728987	0.1602004	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.0295113	0.17390881	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.01809556	0.10346232	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01802997	0.10305752	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02338067	0.13607672	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.00872336	0.04562644	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.01001805	0.05361599	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02718359	0.15954453	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.02432827	0.14192437	4.34E-05	0.0049916	-0.098011
7dr2_7dold_§	0.01672915	0.09503017	4.00E-05	0.0058035	0.063215
7dr2_7dold_§	0.02357888	0.13729987	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.01802909	0.10305209	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02189431	0.12690438	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.02570149	0.15039848	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.01347591	0.07495443	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.02576293	0.15077761	4.40E-05	0.0048781	-0.10813

7dr2_7dold_9	0.01449105	0.08121888	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.02514426	0.14695986	4.38E-05	0.0049138	-0.10343
7dr2_7dold_9	0.02734763	0.16055682	4.46E-05	0.0047834	-0.11816
7dr2_7dold_9	0.08858824	0.5384726	4.82E-05	0.0098057	-0.3844
7dr2_7dold_9	0.01164089	0.06363051	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.01176355	0.06438745	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.0143368	0.08026699	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.022719	0.13199355	4.28E-05	0.005125	-0.077142
7dr2_7dold_9	0.02190791	0.12698829	4.26E-05	0.0051742	-0.059109
7dr2_7dold_9	0.04178948	0.24967748	5.09E-05	0.0046676	-0.0504
7dr2_7dold_9	0.01641263	0.0930769	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.02289464	0.13307744	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.02019235	0.11640157	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.02592239	0.15176167	4.40E-05	0.0048781	-0.11213
7dr2_7dold_9	0.0107794	0.05831427	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.00993263	0.05308885	3.65E-05	0.0069072	0.33263
7dr2_7dold_9	0.01290594	0.07143716	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01101469	0.05976626	3.71E-05	0.0066957	0.2858
7dr2_7dold_9	0.02337235	0.13602538	4.32E-05	0.0050338	-0.084895
7dr2_7dold_9	0.02127066	0.12305585	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.02146852	0.12427683	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.02029111	0.11701105	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01263902	0.06978999	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01909753	0.10964543	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.01618044	0.09164406	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.02158595	0.12500148	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.01070187	0.05783582	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.01788054	0.10213538	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.02006015	0.11558576	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.0120978	0.06645007	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.0204748	0.11814459	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.00949982	0.05041798	3.62E-05	0.0070172	0.35661
7dr2_7dold_9	0.02007641	0.1156861	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01015027	0.05443193	3.65E-05	0.0069072	0.33263
7dr2_7dold_9	0.03063855	0.18086508	4.57E-05	0.0046464	-0.12245
7dr2_7dold_9	0.02999133	0.17687109	4.55E-05	0.0046645	-0.12301
7dr2_7dold_9	0.02052826	0.11847451	4.19E-05	0.0053364	-0.037579
7dr2_7dold_9	0.01481734	0.08323237	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.01077417	0.05828197	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.01245525	0.0686559	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01154444	0.06303529	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.01629765	0.0923674	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01887298	0.10825975	4.11E-05	0.0055212	0.015459

7dr2_7dold_9	0.01354391	0.07537403	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.0073947	0.03742726	3.50E-05	0.0074854	0.45576
7dr2_7dold_9	0.0149827	0.08425284	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.02825717	0.16616961	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.01317707	0.07311028	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.03136214	0.18533036	4.58E-05	0.00463	-0.12002
7dr2_7dold_9	0.01196089	0.06560524	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.02030071	0.11707026	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01568686	0.08859819	3.95E-05	0.0059603	0.098494
7dr2_7dold_9	0.02007426	0.11567283	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.03355024	0.19883315	4.66E-05	0.0045822	-0.11071
7dr2_7dold_9	0.02560012	0.14977297	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.01646442	0.09339651	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.03211527	0.18997796	4.62E-05	0.0046026	-0.11821
7dr2_7dold_9	0.00382201	0.01538019	3.32E-05	0.0082728	0.61153
7dr2_7dold_9	0.03046507	0.17979454	4.57E-05	0.0046464	-0.12245
7dr2_7dold_9	0.00485599	0.02176091	3.38E-05	0.0079991	0.55892
7dr2_7dold_9	0.00470516	0.02083009	3.35E-05	0.0081345	0.58516
7dr2_7dold_9	0.02473569	0.14443856	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.01219507	0.06705038	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.02346139	0.13657485	4.32E-05	0.0050338	-0.084895
7dr2_7dold_9	0.01457492	0.08173642	3.89E-05	0.0061278	0.1363
7dr2_7dold_9	0.01549634	0.08742251	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.02097531	0.12123321	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.0293414	0.17286037	4.53E-05	0.0046846	-0.1231
7dr2_7dold_9	0.01235981	0.06806695	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.03053308	0.18021423	4.57E-05	0.0046464	-0.12245
7dr2_7dold_9	0.01939505	0.11148144	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.02135697	0.12358844	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.01558826	0.08798975	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01271358	0.07025006	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01623787	0.09199847	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01748767	0.09971101	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.02475119	0.14453417	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.00459988	0.02018045	3.35E-05	0.0081345	0.58516
7dr2_7dold_9	0.02311215	0.13441971	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.018655	0.10691459	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.02282542	0.13265024	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.02104983	0.12169309	4.21E-05	0.0052798	-0.04878
7dr2_7dold_9	0.01709144	0.09726585	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.0174263	0.09933228	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01629415	0.0923458	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01287878	0.07126951	3.80E-05	0.0063994	0.21875

7dr2_7dold_9	0.02267683	0.1317333	4.28E-05	0.005125	-0.077142
7dr2_7dold_9	0.01783561	0.10185814	4.06E-05	0.0056572	0.030658
7dr2_7dold_9	0.01532251	0.08634981	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.02413119	0.14070821	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.01580119	0.08930372	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.02864005	0.16853233	4.49E-05	0.0047302	-0.12268
7dr2_7dold_9	0.01739813	0.09915845	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.020054	0.11554781	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01923573	0.11049829	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.01898009	0.1089207	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.03818796	0.22745252	4.87E-05	0.0045758	-0.080425
7dr2_7dold_9	0.02650339	0.15534705	4.42E-05	0.0048445	-0.11546
7dr2_7dold_9	0.01250671	0.0689735	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.01350445	0.07513055	3.83E-05	0.0063061	0.17645
7dr2_7dold_9	0.01533882	0.08645044	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01319774	0.07323785	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.01069356	0.05778452	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.01803712	0.10310166	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.02044603	0.11796702	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.03078793	0.18178692	4.57E-05	0.0046464	-0.12145
7dr2_7dold_9	0.01339502	0.07445524	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.0118979	0.06521655	3.74E-05	0.0065941	0.24064
7dr2_7dold_9	0.02399452	0.13986479	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.0181149	0.10358163	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.01609677	0.09112772	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.02277018	0.13230936	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.02143371	0.124062	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.02254356	0.13091093	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.02265053	0.13157102	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.01153552	0.06298029	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.02231374	0.12949269	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.02401242	0.13997525	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.01767997	0.10089767	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01832245	0.10486241	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.0072091	0.03628191	3.50E-05	0.0074854	0.45576
7dr2_7dold_9	0.0175866	0.10032148	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.02647041	0.15514348	4.42E-05	0.0048445	-0.11546
7dr2_7dold_9	0.02545257	0.14886244	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.02034641	0.11735229	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.00724472	0.03650175	3.50E-05	0.0074854	0.45576
7dr2_7dold_9	0.02275455	0.13221292	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.00932344	0.04932952	3.62E-05	0.0070172	0.35661
7dr2_7dold_9	0.02214254	0.12843622	4.26E-05	0.0051742	-0.068556

7dr2_7dold_§	0.01346774	0.07490399	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01836958	0.10515325	4.09E-05	0.0055879	0.015459
7dr2_7dold_§	0.02299097	0.1336719	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.0133154	0.07396394	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.00621081	0.03012146	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01148975	0.06269785	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.01431514	0.0801333	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.02271438	0.13196507	4.28E-05	0.005125	-0.077142
7dr2_7dold_§	0.01895818	0.10878551	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01425966	0.07979095	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01595065	0.09022606	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01728103	0.09843583	4.03E-05	0.005729	0.046584
7dr2_7dold_§	0.01853491	0.10617355	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02159008	0.12502697	4.24E-05	0.0052258	-0.059109
7dr2_7dold_§	0.02489307	0.14540973	4.36E-05	0.0049516	-0.10343
7dr2_7dold_§	0.09249112	0.5625573	4.99E-05	0.0073308	-0.69483
7dr2_7dold_§	0.01690112	0.09609139	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.00773725	0.03954114	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.02075078	0.11984767	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01316009	0.07300549	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01776098	0.10139758	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01234991	0.0680059	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.02231263	0.12948585	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.05236111	0.31491497	5.97E-05	0.0054628	0.014768
7dr2_7dold_§	0.09208303	0.560039	4.96E-05	0.0076529	-0.6503
7dr2_7dold_§	0.02604424	0.15251362	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01300793	0.0720665	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01508475	0.08488257	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01123471	0.06112399	3.71E-05	0.0066957	0.2858
7dr2_7dold_§	0.02008642	0.11574786	4.19E-05	0.0053364	-0.025531
7dr2_7dold_§	0.0221705	0.12860875	4.26E-05	0.0051742	-0.068556
7dr2_7dold_§	0.01838456	0.10524572	4.09E-05	0.0055879	0.015459
7dr2_7dold_§	0.01956323	0.11251927	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01567891	0.08854915	3.95E-05	0.0059603	0.098494
7dr2_7dold_§	0.01228109	0.0675812	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.01370042	0.07633986	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.0155025	0.08746051	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02344402	0.13646765	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.01733336	0.09876022	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01218495	0.06698791	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.00390406	0.01588651	3.32E-05	0.0082728	0.61153
7dr2_7dold_§	0.01431121	0.08010905	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.0280449	0.16485967	4.48E-05	0.0047558	-0.12024

7dr2_7dold_§	0.01991122	0.11466675	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01583864	0.08953482	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.02082301	0.12029336	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.03682061	0.21901459	4.79E-05	0.0045625	-0.088896
7dr2_7dold_§	0.01250793	0.068981	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01598224	0.09042101	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01641332	0.09308118	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01443643	0.0808818	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.06182128	0.37329373	6.36E-05	0.0076138	0.10802
7dr2_7dold_§	0.0221538	0.12850572	4.26E-05	0.0051742	-0.068556
7dr2_7dold_§	0.00573661	0.0271952	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.01559988	0.08806143	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01914522	0.10993975	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.00860415	0.04489076	3.56E-05	0.0072456	0.40559
7dr2_7dold_§	0.01361151	0.07579123	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01343203	0.07468367	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.00430794	0.01837889	3.32E-05	0.0082728	0.58516
7dr2_7dold_§	0.01766546	0.10080817	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.0270048	0.15844123	4.44E-05	0.004813	-0.11816
7dr2_7dold_§	0.00564514	0.02663075	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.00492748	0.02220208	3.38E-05	0.0079991	0.55892
7dr2_7dold_§	0.00646115	0.03166635	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.00912731	0.0481192	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.01616235	0.09153247	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01183875	0.06485152	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.01839797	0.10532845	4.09E-05	0.0055879	0.015459
7dr2_7dold_§	0.02963625	0.1746799	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.0166786	0.0947182	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.00878306	0.04599487	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.00764216	0.03895433	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.02345162	0.13651453	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.01400095	0.07819443	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.02670047	0.15656318	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.01451765	0.08138301	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.02540966	0.1485976	4.38E-05	0.0049138	-0.10813
7dr2_7dold_§	0.01921287	0.11035724	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01012475	0.05427443	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01945356	0.11184252	4.14E-05	0.0054571	-0.012659
7dr2_7dold_§	0.01991085	0.11466443	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.02112562	0.12216079	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.03001667	0.1770275	4.55E-05	0.0046645	-0.12301
7dr2_7dold_§	0.02997029	0.17674129	4.55E-05	0.0046645	-0.12301
7dr2_7dold_§	0.01459611	0.08186718	3.89E-05	0.0061278	0.1363

7dr2_7dold_§	0.02395569	0.13962515	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.01635218	0.0927039	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01794143	0.10251115	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02655016	0.15563564	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.02290442	0.13313776	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.01665182	0.09455299	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.05303322	0.3190626	6.01E-05	0.0055357	0.022172
7dr2_7dold_§	0.02687671	0.1576508	4.44E-05	0.004813	-0.11546
7dr2_7dold_§	0.01354194	0.0753619	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.02198983	0.12749386	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.02440145	0.14237598	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.02469696	0.14419954	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.02755754	0.16185217	4.46E-05	0.0047834	-0.12024
7dr2_7dold_§	0.02555653	0.14950392	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.00594538	0.02848354	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.02312064	0.13447207	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.01772171	0.10115526	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.03920044	0.23370054	4.92E-05	0.0045932	-0.071721
7dr2_7dold_§	0.00623805	0.03028958	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01782473	0.10179099	4.06E-05	0.0056572	0.030658
7dr2_7dold_§	0.01491387	0.08382805	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.0257716	0.15083112	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.01331259	0.07394655	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01536732	0.08662634	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01787201	0.10208277	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01344813	0.07478302	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.03405057	0.20192063	4.68E-05	0.0045746	-0.10761
7dr2_7dold_§	0.0075441	0.03834924	3.50E-05	0.0074854	0.43054
7dr2_7dold_§	0.01556619	0.08785357	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.00304256	0.01057024	3.26E-05	0.0085576	0.66457
7dr2_7dold_§	0.01146794	0.06256322	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.01188734	0.06515139	3.74E-05	0.0065941	0.24064
7dr2_7dold_§	0.01905912	0.1094084	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01954675	0.11241757	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.00877563	0.04594897	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.0191278	0.10983226	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.0230597	0.13409601	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.00643993	0.03153538	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01145968	0.06251226	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.01269252	0.07012014	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01558406	0.08796381	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02023724	0.11667862	4.19E-05	0.0053364	-0.025531
7dr2_7dold_§	0.02532733	0.14808953	4.38E-05	0.0049138	-0.10343

7dr2_7dold_9	0.02292298	0.13325234	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.0116036	0.06340042	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.01339608	0.07446177	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.01459364	0.08185195	3.89E-05	0.0061278	0.1363
7dr2_7dold_9	0.01859008	0.10651396	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.01467397	0.08234765	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.01418284	0.07931688	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.0116228	0.06351887	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.01711457	0.09740862	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.02537059	0.14835648	4.38E-05	0.0049138	-0.10813
7dr2_7dold_9	0.01342204	0.07462201	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.01475296	0.08283512	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.02289213	0.13306193	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.01820615	0.10414472	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.01750423	0.09981319	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01698746	0.09662421	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.01566885	0.08848704	3.95E-05	0.0059603	0.098494
7dr2_7dold_9	0.02636297	0.1544805	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.00606387	0.0292147	3.44E-05	0.0077366	0.50694
7dr2_7dold_9	0.01677355	0.09530414	4.00E-05	0.0058035	0.063215
7dr2_7dold_9	0.01953241	0.11232907	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.01255108	0.0692473	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.021526	0.12463152	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.02816239	0.16558474	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.00280166	0.00908363	3.26E-05	0.0085576	0.66457
7dr2_7dold_9	0.01417859	0.07929064	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.01999462	0.11518141	4.16E-05	0.0053955	-0.025531
7dr2_7dold_9	0.01740482	0.09919971	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.02004646	0.11550127	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.02423355	0.14133985	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.04648084	0.27862787	5.44E-05	0.0048874	-0.018376
7dr2_7dold_9	0.01997891	0.11508443	4.16E-05	0.0053955	-0.025531
7dr2_7dold_9	0.01594167	0.09017064	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.00916566	0.04835589	3.59E-05	0.00713	0.35661
7dr2_7dold_9	0.01291059	0.07146586	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.04744002	0.28454697	5.53E-05	0.0049654	-0.01514
7dr2_7dold_9	0.02611842	0.15297139	4.42E-05	0.0048445	-0.11213
7dr2_7dold_9	0.01521554	0.08568969	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.02869153	0.16885003	4.49E-05	0.0047302	-0.12268
7dr2_7dold_9	0.01727715	0.0984119	4.03E-05	0.005729	0.046584
7dr2_7dold_9	0.02072508	0.11968905	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.00963747	0.05126743	3.62E-05	0.0070172	0.35661
7dr2_7dold_9	0.02186311	0.12671186	4.26E-05	0.0051742	-0.059109

7dr2_7dold_§	0.06798509	0.41133058	5.98E-05	0.010192	0.19812
7dr2_7dold_§	0.09335025	0.567859	5.06E-05	0.0067258	-0.73907
7dr2_7dold_§	0.00550084	0.02574029	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.02366132	0.1378086	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.00243942	0.00684826	3.23E-05	0.0087041	0.69119
7dr2_7dold_§	0.01671399	0.09493664	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.02743254	0.16108082	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.02935655	0.17295389	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.01537979	0.08670325	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01416294	0.0791941	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01823184	0.10430327	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.03884908	0.23153226	4.89E-05	0.0045836	-0.076088
7dr2_7dold_§	0.02340354	0.13621785	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.02797733	0.16444267	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.06182014	0.3732867	6.36E-05	0.0076138	0.10802
7dr2_7dold_§	0.03774592	0.22472464	4.84E-05	0.0045696	-0.084703
7dr2_7dold_§	0.02518656	0.14722088	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.02756113	0.16187434	4.46E-05	0.0047834	-0.12024
7dr2_7dold_§	0.00831039	0.043078	3.56E-05	0.0072456	0.40559
7dr2_7dold_§	0.00515335	0.02359592	3.38E-05	0.0079991	0.55892
7dr2_7dold_§	0.04348576	0.26014522	5.21E-05	0.0047343	-0.038876
7dr2_7dold_§	0.01140471	0.06217305	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.00359732	0.01399363	3.29E-05	0.0084138	0.63801
7dr2_7dold_§	0.01023007	0.05492434	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.00929507	0.04915444	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.02726142	0.1600248	4.46E-05	0.0047834	-0.11816
7dr2_7dold_§	0.09940013	0.6051928	5.49E-05	0.0043938	-1.2008
7dr2_7dold_§	0.01194845	0.06552846	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.02061334	0.11899951	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.02060745	0.11896319	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01733183	0.09874928	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.09635717	0.5864147	5.24E-05	0.0054581	-0.99133
7dr2_7dold_§	0.02905825	0.17111304	4.51E-05	0.0047064	-0.12268
7dr2_7dold_§	0.01181404	0.06469905	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.02058009	0.1187943	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01461683	0.08199502	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.0148273	0.08329385	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.03987712	0.23787628	4.95E-05	0.0046046	-0.067351
7dr2_7dold_§	0.0260062	0.15227884	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01544574	0.08711023	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02097757	0.1212472	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.00579664	0.02756563	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.00959029	0.05097625	3.62E-05	0.0070172	0.35661

7dr2_7dold_§	0.01036318	0.05574578	3.68E-05	0.0068	0.30902
7dr2_7dold_§	0.03052839	0.18018527	4.57E-05	0.0046464	-0.12245
7dr2_7dold_§	0.01560338	0.08808303	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.01869597	0.10716742	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02603877	0.15247984	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01764595	0.10068775	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01914974	0.10996763	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01652403	0.09376437	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.00538151	0.02500387	3.38E-05	0.0079991	0.55892
7dr2_7dold_§	0.00992787	0.05305947	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.00984194	0.05252919	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02478505	0.14474314	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.01705189	0.09702178	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.02322929	0.13514253	4.30E-05	0.0050782	-0.084895
7dr2_7dold_§	0.01495302	0.08406969	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01348398	0.07500424	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.03898558	0.23237461	4.89E-05	0.0045836	-0.071721
7dr2_7dold_§	0.01299096	0.07196178	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01800483	0.10290237	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.00917364	0.0484051	3.59E-05	0.00713	0.35661
7dr2_7dold_§	0.00901329	0.04741557	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.03104681	0.18338445	4.58E-05	0.00463	-0.12145
7dr2_7dold_§	0.02967088	0.17489357	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.01228026	0.06757606	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.02147788	0.1243346	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01521093	0.08566125	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02135581	0.12358128	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01558638	0.08797815	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.0088141	0.04618636	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.01835623	0.10507085	4.09E-05	0.0055879	0.015459
7dr2_7dold_§	0.09142361	0.55596966	4.93E-05	0.0079874	-0.60562
7dr2_7dold_§	0.0157184	0.08879282	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01557599	0.087914	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.03283491	0.19441883	4.64E-05	0.0045915	-0.11603
7dr2_7dold_§	0.0133941	0.07444955	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.03167276	0.18724719	4.60E-05	0.0046154	-0.12002
7dr2_7dold_§	0.0193464	0.11118122	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.02020989	0.1165098	4.19E-05	0.0053364	-0.025531
7dr2_7dold_§	0.00732743	0.03701213	3.50E-05	0.0074854	0.45576
7dr2_7dold_§	0.02880402	0.1695442	4.51E-05	0.0047064	-0.12268
7dr2_7dold_§	0.01510969	0.08503649	3.92E-05	0.0060428	0.11709
7dr2_7dold_§	0.02768436	0.16263479	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.01861888	0.1066917	4.11E-05	0.0055212	0.015459

7dr2_7dold_§	0.01825987	0.10447624	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.0217572	0.12605827	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.01574996	0.0889876	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01950597	0.11216594	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01820304	0.10412556	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.0127557	0.07051	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01800584	0.10290863	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.0066413	0.03277805	3.47E-05	0.0076096	0.48124
7dr2_7dold_§	0.01300373	0.07204058	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01036657	0.05576669	3.68E-05	0.0068	0.30902
7dr2_7dold_§	0.01189127	0.06517563	3.74E-05	0.0065941	0.24064
7dr2_7dold_§	0.01623291	0.09196786	3.98E-05	0.0058806	0.080526
7dr2_7dold_§	0.03428227	0.20335048	4.70E-05	0.0045688	-0.10761
7dr2_7dold_§	0.01757021	0.10022034	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01268904	0.07009866	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01789186	0.10220526	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01859793	0.1065624	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01163891	0.06361827	3.74E-05	0.0065941	0.263
7dr2_7dold_§	0.01389673	0.07755129	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.02055952	0.11866738	4.19E-05	0.0053364	-0.037579
7dr2_7dold_§	0.01801294	0.10295242	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02810522	0.16523193	4.48E-05	0.0047558	-0.12174
7dr2_7dold_§	0.02385061	0.13897671	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.02476711	0.14463241	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.00429239	0.01828289	3.32E-05	0.0082728	0.61153
7dr2_7dold_§	0.01012266	0.05426155	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01349479	0.07507093	3.83E-05	0.0063061	0.17645
7dr2_7dold_§	0.01755773	0.10014333	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.02426717	0.1415473	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.0136119	0.07579364	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.01258139	0.06943432	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.02327464	0.13542242	4.30E-05	0.0050782	-0.084895
7dr2_7dold_§	0.01898671	0.10896157	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.00771504	0.03940412	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.02573896	0.15062971	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.02766537	0.16251759	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.01630725	0.09242661	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.02116817	0.12242335	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01795162	0.10257404	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01644853	0.09329844	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.00933744	0.04941593	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.02494684	0.14574158	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.02375077	0.1383606	4.32E-05	0.0050338	-0.091842

7dr2_7dold_9	0.00991882	0.05300365	3.65E-05	0.0069072	0.33263
7dr2_7dold_9	0.01060925	0.05726424	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.01463236	0.0820909	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.01286729	0.07119865	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.0242577	0.14148888	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.01155505	0.06310079	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.02344627	0.13648152	4.32E-05	0.0050338	-0.084895
7dr2_7dold_9	0.01223648	0.0673059	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.02057122	0.11873961	4.21E-05	0.0052798	-0.037579
7dr2_7dold_9	0.00590928	0.02826073	3.41E-05	0.0078664	0.53284
7dr2_7dold_9	0.01734913	0.09885605	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01227897	0.06756812	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.01520058	0.08559737	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01061942	0.057327	3.68E-05	0.0068	0.30902
7dr2_7dold_9	0.00812282	0.04192049	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.02841553	0.16714683	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.01428798	0.07996568	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.0143163	0.08014049	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.01408721	0.07872675	3.89E-05	0.0061278	0.1561
7dr2_7dold_9	0.02233296	0.12961131	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.01787659	0.102111	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.00632814	0.03084554	3.44E-05	0.0077366	0.50694
7dr2_7dold_9	0.02283459	0.13270688	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.01112258	0.06043204	3.71E-05	0.0066957	0.2858
7dr2_7dold_9	0.01380396	0.07697885	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.02319884	0.13495462	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.01288147	0.07128612	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.02324224	0.1352225	4.30E-05	0.0050782	-0.084895
7dr2_7dold_9	0.00548745	0.02565763	3.41E-05	0.0078664	0.53284
7dr2_7dold_9	0.01805495	0.10321171	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.02968768	0.1749973	4.53E-05	0.0046846	-0.1231
7dr2_7dold_9	0.01707149	0.09714276	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.00978525	0.05217933	3.65E-05	0.0069072	0.33263
7dr2_7dold_9	0.01603124	0.09072337	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.00779776	0.03991457	3.53E-05	0.0073641	0.43054
7dr2_7dold_9	0.01701961	0.0968226	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.01794684	0.10254454	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.02855716	0.16802081	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.02848621	0.167583	4.49E-05	0.0047302	-0.12174
7dr2_7dold_9	0.00925115	0.04888346	3.62E-05	0.0070172	0.35661
7dr2_7dold_9	0.0174735	0.09962352	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01220545	0.06711441	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.02119902	0.12261374	4.24E-05	0.0052258	-0.04878

7dr2_7dold_9	0.0200921	0.11578295	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.02274495	0.13215366	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.0191863	0.11019325	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.08850224	0.5379419	4.82E-05	0.0098057	-0.3415
7dr2_7dold_9	0.01676688	0.09526303	4.00E-05	0.0058035	0.063215
7dr2_7dold_9	0.01376334	0.07672814	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.01780756	0.10168506	4.06E-05	0.0056572	0.030658
7dr2_7dold_9	0.01589556	0.08988609	3.98E-05	0.0058806	0.098494
7dr2_7dold_9	0.0257412	0.15064354	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.01515742	0.08533105	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01187992	0.06510554	3.74E-05	0.0065941	0.24064
7dr2_7dold_9	0.02152104	0.12460092	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.01140661	0.06218477	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.00870715	0.04552643	3.59E-05	0.00713	0.38094
7dr2_7dold_9	0.01887254	0.10825702	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.0115666	0.06317207	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.02128826	0.12316442	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.02021309	0.11652956	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.01006663	0.05391575	3.65E-05	0.0069072	0.33263
7dr2_7dold_9	0.02197539	0.12740472	4.26E-05	0.0051742	-0.059109
7dr2_7dold_9	0.00541949	0.02523824	3.41E-05	0.0078664	0.53284
7dr2_7dold_9	0.0122456	0.0673622	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.01391504	0.07766432	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.01170395	0.06401964	3.74E-05	0.0065941	0.263
7dr2_7dold_9	0.01507404	0.08481649	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.00703451	0.03520453	3.50E-05	0.0074854	0.45576
7dr2_7dold_9	0.0193609	0.11127069	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.01912235	0.10979861	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.01821096	0.10417444	4.09E-05	0.0055879	0.030658
7dr2_7dold_9	0.01953019	0.11231541	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.03090989	0.18253955	4.58E-05	0.00463	-0.12145
7dr2_7dold_9	0.0155344	0.08765739	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.03185048	0.18834391	4.60E-05	0.0046154	-0.11821
7dr2_7dold_9	0.01722743	0.09810507	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.0243717	0.14219238	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.00487153	0.02185679	3.38E-05	0.0079991	0.55892
7dr2_7dold_9	0.01945515	0.11185231	4.14E-05	0.0054571	-0.012659
7dr2_7dold_9	0.01760648	0.10044419	4.06E-05	0.0056572	0.046584
7dr2_7dold_9	0.01324699	0.07354177	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.02768614	0.1626458	4.48E-05	0.0047558	-0.12024
7dr2_7dold_9	0.01390672	0.07761297	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.02561769	0.14988136	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.00320779	0.01158985	3.26E-05	0.0085576	0.66457

7dr2_7dold_§	0.01276285	0.07055413	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.02437363	0.14220427	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.01358061	0.07560051	3.86E-05	0.0062156	0.17645
7dr2_7dold_§	0.00651041	0.03197035	3.47E-05	0.0076096	0.48124
7dr2_7dold_§	0.01195637	0.06557737	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.03454086	0.20494625	4.70E-05	0.0045688	-0.10761
7dr2_7dold_§	0.01009235	0.0540745	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.01703893	0.09694181	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.0220959	0.12814839	4.26E-05	0.0051742	-0.059109
7dr2_7dold_§	0.02414722	0.1408071	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.02764105	0.16236752	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.02087162	0.12059335	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.01409435	0.07877082	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01740975	0.09923015	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.02417768	0.14099507	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.00873326	0.04568756	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.00544294	0.02538295	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.01801399	0.10295895	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.01835498	0.1050632	4.09E-05	0.0055879	0.015459
7dr2_7dold_§	0.02758871	0.16204454	4.46E-05	0.0047834	-0.12024
7dr2_7dold_§	0.01431846	0.08015379	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01850469	0.10598704	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01820267	0.10412328	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02257676	0.13111581	4.28E-05	0.005125	-0.068556
7dr2_7dold_§	0.01457564	0.08174086	3.89E-05	0.0061278	0.1363
7dr2_7dold_§	0.00912736	0.04811952	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.01627027	0.09219845	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.0190628	0.10943113	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.02648579	0.15523839	4.42E-05	0.0048445	-0.11546
7dr2_7dold_§	0.02933816	0.17284036	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.01282381	0.0709303	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01643859	0.09323714	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.0311756	0.18417926	4.58E-05	0.00463	-0.12145
7dr2_7dold_§	0.02452083	0.14311266	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.01457497	0.08173674	3.89E-05	0.0061278	0.1363
7dr2_7dold_§	0.01403741	0.07841943	3.86E-05	0.0062156	0.1561
7dr2_7dold_§	0.02533659	0.14814672	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.01491499	0.08383499	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.01967646	0.11321801	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01688251	0.09597655	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.0094684	0.05022408	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.01970256	0.1133791	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01296759	0.0718176	3.80E-05	0.0063994	0.19734

7dr2_7dold_§	0.01015715	0.05447434	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02059566	0.11889043	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.02512344	0.14683138	4.38E-05	0.0049138	-0.10343
7dr2_7dold_§	0.00738616	0.03737456	3.50E-05	0.0074854	0.45576
7dr2_7dold_§	0.02310207	0.13435747	4.30E-05	0.0050782	-0.077142
7dr2_7dold_§	0.02385237	0.1389876	4.34E-05	0.0049916	-0.091842
7dr2_7dold_§	0.01702385	0.09684878	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.02873457	0.16911565	4.51E-05	0.0047064	-0.12268
7dr2_7dold_§	0.01790262	0.10227165	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02575789	0.15074657	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.01436886	0.0804648	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.05191002	0.31213138	5.92E-05	0.0053939	0.014768
7dr2_7dold_§	0.00776816	0.03973192	3.53E-05	0.0073641	0.43054
7dr2_7dold_§	0.00975508	0.05199318	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.00638028	0.03116731	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.02861632	0.16838588	4.49E-05	0.0047302	-0.12268
7dr2_7dold_§	0.0200165	0.11531641	4.16E-05	0.0053955	-0.025531
7dr2_7dold_§	0.03078028	0.1817397	4.57E-05	0.0046464	-0.12145
7dr2_7dold_§	0.00554559	0.0260164	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.02060922	0.11897411	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.0299498	0.17661484	4.55E-05	0.0046645	-0.12301
7dr2_7dold_§	0.00697211	0.03481949	3.47E-05	0.0076096	0.48124
7dr2_7dold_§	0.0165551	0.09395611	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01551529	0.08753942	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02150741	0.12451682	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01545001	0.0871366	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.00893385	0.04692538	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.02136725	0.12365189	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01962347	0.11289101	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.0153329	0.08641393	3.95E-05	0.0059603	0.11709
7dr2_7dold_§	0.02467849	0.14408557	4.36E-05	0.0049516	-0.098011
7dr2_7dold_§	0.0169444	0.0963585	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.02559525	0.14974292	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.01500858	0.08441251	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.02644034	0.15495792	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.01461057	0.08195642	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.00566035	0.02672463	3.41E-05	0.0078664	0.53284
7dr2_7dold_§	0.01417758	0.07928443	3.89E-05	0.0061278	0.1561
7dr2_7dold_§	0.01670484	0.09488013	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.00911893	0.04806749	3.59E-05	0.00713	0.38094
7dr2_7dold_§	0.0166567	0.09458309	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01920251	0.11029328	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01292515	0.07155569	3.80E-05	0.0063994	0.21875

7dr2_7dold_§	0.01778897	0.10157031	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01570436	0.08870618	3.98E-05	0.0058806	0.098494
7dr2_7dold_§	0.01880702	0.10785273	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.02567036	0.15020637	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.02601274	0.15231922	4.42E-05	0.0048445	-0.11213
7dr2_7dold_§	0.02101983	0.12150799	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.02322716	0.13512942	4.30E-05	0.0050782	-0.084895
7dr2_7dold_§	0.0107991	0.05843585	3.68E-05	0.0068	0.2858
7dr2_7dold_§	0.01746826	0.09959121	4.06E-05	0.0056572	0.046584
7dr2_7dold_§	0.01651005	0.09367811	4.00E-05	0.0058035	0.080526
7dr2_7dold_§	0.01321072	0.07331796	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01255164	0.06925074	3.80E-05	0.0063994	0.21875
7dr2_7dold_§	0.01922167	0.11041153	4.14E-05	0.0054571	0.0010121
7dr2_7dold_§	0.01968119	0.11324722	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01005726	0.05385795	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02049207	0.11825115	4.19E-05	0.0053364	-0.025531
7dr2_7dold_§	0.02578477	0.1509124	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.03184225	0.18829311	4.60E-05	0.0046154	-0.12002
7dr2_7dold_§	0.0235345	0.13702598	4.32E-05	0.0050338	-0.084895
7dr2_7dold_§	0.01883573	0.10802988	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01513942	0.08521995	3.92E-05	0.0060428	0.11709
7dr2_7dold_§	0.01309022	0.07257433	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01312011	0.07275876	3.83E-05	0.0063061	0.19734
7dr2_7dold_§	0.01957062	0.11256486	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.014679	0.08237872	3.92E-05	0.0060428	0.1363
7dr2_7dold_§	0.0197844	0.11388411	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.02063617	0.11914039	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.02590557	0.15165786	4.40E-05	0.0048781	-0.10813
7dr2_7dold_§	0.0186559	0.10692014	4.11E-05	0.0055212	0.015459
7dr2_7dold_§	0.01724054	0.09818594	4.03E-05	0.005729	0.063215
7dr2_7dold_§	0.01238508	0.06822288	3.77E-05	0.0064954	0.24064
7dr2_7dold_§	0.01781321	0.10171991	4.06E-05	0.0056572	0.030658
7dr2_7dold_§	0.0094515	0.05011976	3.62E-05	0.0070172	0.35661
7dr2_7dold_§	0.00619389	0.03001708	3.44E-05	0.0077366	0.50694
7dr2_7dold_§	0.01828606	0.10463785	4.09E-05	0.0055879	0.030658
7dr2_7dold_§	0.02129933	0.12323277	4.24E-05	0.0052258	-0.04878
7dr2_7dold_§	0.01957888	0.11261586	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.01009058	0.05406354	3.65E-05	0.0069072	0.33263
7dr2_7dold_§	0.02799214	0.16453409	4.48E-05	0.0047558	-0.12024
7dr2_7dold_§	0.01994097	0.11485029	4.16E-05	0.0053955	-0.012659
7dr2_7dold_§	0.02083845	0.12038866	4.21E-05	0.0052798	-0.037579
7dr2_7dold_§	0.02931977	0.17272693	4.53E-05	0.0046846	-0.1231
7dr2_7dold_§	0.00597997	0.02869695	3.44E-05	0.0077366	0.50694

7dr2_7dold_9	0.01893138	0.10862014	4.11E-05	0.0055212	0.0010121
7dr2_7dold_9	0.02977528	0.17553788	4.53E-05	0.0046846	-0.12301
7dr2_7dold_9	0.00818273	0.0422902	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.01979764	0.11396583	4.16E-05	0.0053955	-0.012659
7dr2_7dold_9	0.0166832	0.09474661	4.00E-05	0.0058035	0.080526
7dr2_7dold_9	0.01864963	0.10688146	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.01320338	0.07327265	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.02221014	0.12885338	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.02142884	0.12403197	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.00907638	0.04780491	3.59E-05	0.00713	0.38094
7dr2_7dold_9	0.02294819	0.13340788	4.30E-05	0.0050782	-0.077142
7dr2_7dold_9	0.01556031	0.08781724	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.01679863	0.09545895	4.03E-05	0.005729	0.063215
7dr2_7dold_9	0.02451086	0.1430511	4.36E-05	0.0049516	-0.098011
7dr2_7dold_9	0.01288732	0.07132226	3.80E-05	0.0063994	0.21875
7dr2_7dold_9	0.00843752	0.04386249	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.00345019	0.01308569	3.29E-05	0.0084138	0.63801
7dr2_7dold_9	0.01914603	0.10994472	4.14E-05	0.0054571	0.0010121
7dr2_7dold_9	0.0258601	0.15137726	4.40E-05	0.0048781	-0.10813
7dr2_7dold_9	0.02721255	0.15972322	4.46E-05	0.0047834	-0.11816
7dr2_7dold_9	0.01868245	0.10708398	4.11E-05	0.0055212	0.015459
7dr2_7dold_9	0.00671116	0.03320916	3.47E-05	0.0076096	0.48124
7dr2_7dold_9	0.02146956	0.12428326	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.01313031	0.07282171	3.83E-05	0.0063061	0.19734
7dr2_7dold_9	0.02007607	0.11568403	4.19E-05	0.0053364	-0.025531
7dr2_7dold_9	0.02249953	0.13063923	4.28E-05	0.005125	-0.068556
7dr2_7dold_9	0.01222953	0.06726302	3.77E-05	0.0064954	0.24064
7dr2_7dold_9	0.01398544	0.07809874	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.00764936	0.03899877	3.53E-05	0.0073641	0.43054
7dr2_7dold_9	0.02699015	0.15835081	4.44E-05	0.004813	-0.11816
7dr2_7dold_9	0.0102721	0.05518371	3.65E-05	0.0069072	0.30902
7dr2_7dold_9	0.02490001	0.14545256	4.36E-05	0.0049516	-0.10343
7dr2_7dold_9	0.01472449	0.08265941	3.92E-05	0.0060428	0.1363
7dr2_7dold_9	0.01783424	0.10184971	4.06E-05	0.0056572	0.030658
7dr2_7dold_9	0.02269736	0.13186003	4.28E-05	0.005125	-0.077142
7dr2_7dold_9	0.02148452	0.1243756	4.24E-05	0.0052258	-0.04878
7dr2_7dold_9	0.0033751	0.01262234	3.29E-05	0.0084138	0.63801
7dr2_7dold_9	0.01378369	0.07685373	3.86E-05	0.0062156	0.17645
7dr2_7dold_9	0.00835739	0.04336804	3.56E-05	0.0072456	0.40559
7dr2_7dold_9	0.02393046	0.13946947	4.34E-05	0.0049916	-0.091842
7dr2_7dold_9	0.01557354	0.08789893	3.95E-05	0.0059603	0.11709
7dr2_7dold_9	0.0211207	0.12213044	4.24E-05	0.0052258	-0.04878
3d7d_SITTB7	0.02672671	0.15672511	4.44E-05	0.004813	-0.11546

3d7d_SITTB7	0.0235135	0.13689642	4.32E-05	0.0050338	-0.084895
3d7d_SITTB7	0.01418432	0.07932604	3.89E-05	0.0061278	0.1561
3d7d_SITTB7	0.0200368	0.11544167	4.19E-05	0.0053364	-0.025531
3d7d_SITTB7	0.00670465	0.03316897	3.47E-05	0.0076096	0.48124
3d7d_SITTB7	0.01139747	0.06212838	3.74E-05	0.0065941	0.263
3d7d_SITTB7	0.01881146	0.10788013	4.11E-05	0.0055212	0.015459
3d7d_SITTB7	0.00404156	0.01673506	3.32E-05	0.0082728	0.61153
3d7d_SITTB7	0.02039084	0.11762648	4.19E-05	0.0053364	-0.025531
3d7d_SITTB7	0.01205904	0.06621093	3.77E-05	0.0064954	0.24064
3d7d_SITTB7	0.02804721	0.16487391	4.48E-05	0.0047558	-0.12024
3d7d_SITTB7	0.00951109	0.0504875	3.62E-05	0.0070172	0.35661
3d7d_SITTB7	0.00455572	0.01990796	3.35E-05	0.0081345	0.58516
3d7d_SITTB7	0.01763472	0.10061847	4.06E-05	0.0056572	0.046584
3d7d_SITTB7	0.01939902	0.11150596	4.14E-05	0.0054571	0.0010121
3d7d_SITTB7	0.02591616	0.1517232	4.40E-05	0.0048781	-0.11213
3d7d_SITTB7	0.08765281	0.53270006	4.79E-05	0.010571	-0.29935
3d7d_SITTB7	0.01585789	0.0896536	3.98E-05	0.0058806	0.098494
3d7d_SITTB7	0.01833691	0.10495166	4.09E-05	0.0055879	0.030658
3d7d_SITTB7	0.01225783	0.06743762	3.77E-05	0.0064954	0.24064
3d7d_SITTB7	0.00908645	0.04786705	3.59E-05	0.00713	0.38094
3d7d_SITTB7	0.00584211	0.02784623	3.41E-05	0.0078664	0.53284
3d7d_SITTB7	0.00406948	0.01690732	3.32E-05	0.0082728	0.61153
3d7d_SITTB7	0.03646762	0.2168363	4.79E-05	0.0045625	-0.092976
3d7d_SITTB7	0.03784086	0.22531056	4.84E-05	0.0045696	-0.080425
3d7d_SITTB7	0.09934825	0.60487264	5.49E-05	0.0043938	-1.1701
3d7d_SITTB7	0.02919599	0.17196308	4.51E-05	0.0047064	-0.1231
3d7d_SITTB7	0.03189002	0.18858792	4.60E-05	0.0046154	-0.11821
3d7d_SITTB7	0.08417871	0.5112614	4.76E-05	0.012731	-0.036078
3d7d_SITTB7	0.01491975	0.08386433	3.92E-05	0.0060428	0.1363
3d7d_SITTB7	0.02719696	0.15962707	4.46E-05	0.0047834	-0.11816
3d7d_SITTB7	0.01241087	0.06838207	3.77E-05	0.0064954	0.21875
3d7d_SITTB7	0.01567188	0.08850577	3.95E-05	0.0059603	0.098494
3d7d_SITTB7	0.02306608	0.13413535	4.30E-05	0.0050782	-0.077142
3d7d_SITTB7	0.0199059	0.11463388	4.16E-05	0.0053955	-0.012659
3d7d_SITTB7	0.01366606	0.07612781	3.86E-05	0.0062156	0.17645
3d7d_SITTB7	0.01992663	0.11476184	4.16E-05	0.0053955	-0.012659
3d7d_SITTB7	0.01985556	0.11432328	4.16E-05	0.0053955	-0.012659
3d7d_SITTB7	0.02092706	0.12093546	4.21E-05	0.0052798	-0.037579
3d7d_SITTB7	0.04698155	0.28171778	5.49E-05	0.0049251	-0.01514
3d7d_SITTB7	0.00474589	0.0210815	3.35E-05	0.0081345	0.58516
3d7d_SITTB7	0.01646274	0.09338617	4.00E-05	0.0058035	0.080526
3d7d_SITTB7	0.01994594	0.11488099	4.16E-05	0.0053955	-0.012659
3d7d_SITTB7	0.00821105	0.04246497	3.56E-05	0.0072456	0.40559

3d7d_SITTB7	0.00872998	0.0456673	3.59E-05	0.00713	0.38094
3d7d_SITTB7	0.03121039	0.18439393	4.58E-05	0.00463	-0.12145
3d7d_SITTB7	0.02112014	0.12212694	4.24E-05	0.0052258	-0.04878
3d7d_SITTB7	0.01107983	0.06016823	3.71E-05	0.0066957	0.2858
3d7d_SITTB7	0.01671747	0.09495807	4.00E-05	0.0058035	0.080526
3d7d_SITTB7	0.00889211	0.04666777	3.59E-05	0.00713	0.38094
3d7d_SITTB7	0.01211957	0.06658445	3.77E-05	0.0064954	0.24064
3d7d_SITTB7	0.02040172	0.1176936	4.19E-05	0.0053364	-0.025531
3d7d_SITTB7	0.00963332	0.05124181	3.62E-05	0.0070172	0.35661
3d7d_SITTB7	0.01767434	0.10086294	4.06E-05	0.0056572	0.046584
3d7d_SITTB7	0.02624322	0.15374152	4.42E-05	0.0048445	-0.11213
3d7d_SITTB7	0.0135906	0.07566216	3.86E-05	0.0062156	0.17645
3d7d_SITTB7	0.0593013	0.3577429	6.37E-05	0.0067983	0.074574
3d7d_SITTB7	0.01938541	0.11142193	4.14E-05	0.0054571	0.0010121
2w4w_SITTC4	0.06747358	0.40817404	6.03E-05	0.009922	0.19037
2w4w_SITTC4	0.01763498	0.10062006	4.06E-05	0.0056572	0.046584
2w4w_SITTC4	0.01760042	0.10040677	4.06E-05	0.0056572	0.046584
2w4w_SITTC4	0.09277327	0.56429845	5.02E-05	0.0070215	-0.69483
2w4w_SITTC4	0.04093628	0.2444124	5.02E-05	0.0046325	-0.058715
2w4w_SITTC4	0.01490285	0.08376005	3.92E-05	0.0060428	0.1363
2w4w_SITTC4	0.01812474	0.10364238	4.09E-05	0.0055879	0.030658
2w4w_SITTC4	0.00790632	0.04058447	3.53E-05	0.0073641	0.43054
2w4w_SITTC4	0.01691846	0.09619842	4.03E-05	0.005729	0.063215
2w4w_SITTC4	0.06892872	0.41715375	5.87E-05	0.010741	0.21248
2w4w_SITTC4	0.0154656	0.0872328	3.95E-05	0.0059603	0.11709
2w4w_SITTC4	0.02128444	0.12314084	4.24E-05	0.0052258	-0.04878
2w4w_SITTC4	0.03478771	0.20646954	4.72E-05	0.0045646	-0.10426
2w4w_SITTC4	0.08503123	0.51652235	4.76E-05	0.012404	-0.10433
2w4w_SITTC4	0.0320006	0.1892703	4.62E-05	0.0046026	-0.11821
2w4w_SITTC4	0.02504201	0.14632884	4.38E-05	0.0049138	-0.10343
2w4w_SITTC4	0.08614036	0.52336675	4.76E-05	0.0117	-0.17867
2w4w_SITTC4	0.02365439	0.13776582	4.32E-05	0.0050338	-0.084895
2w4w_SITTC4	0.08087906	0.49089932	4.85E-05	0.0141	0.12269
2w4w_SITTC4	0.02352229	0.13695063	4.32E-05	0.0050338	-0.084895
2w4w_SITTC4	0.01299794	0.07200488	3.83E-05	0.0063061	0.19734
2w4w_SITTC4	0.03007705	0.17740007	4.55E-05	0.0046645	-0.12301
2w4w_SITTC4	0.05351163	0.32201487	6.05E-05	0.0056127	0.026054
2w4w_SITTC4	0.01330114	0.07387591	3.83E-05	0.0063061	0.19734
2w4w_SITTC4	0.01578396	0.08919738	3.98E-05	0.0058806	0.098494
2w4w_SITTC4	0.03098118	0.18297945	4.58E-05	0.00463	-0.12145
2w4w_SITTC4	0.0129542	0.07173497	3.80E-05	0.0063994	0.19734
2w4w_SITTC4	0.01628853	0.09231113	4.00E-05	0.0058035	0.080526
2w4w_SITTC4	0.02055948	0.11866715	4.19E-05	0.0053364	-0.037579

2w4w_SITTC ζ	0.01646441	0.09339643	4.00E-05	0.0058035	0.080526
2w4w_SITTC ζ	0.02294415	0.13338293	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ζ	0.09763839	0.59432113	5.36E-05	0.0048658	-1.0673
2w4w_SITTC ζ	0.01679036	0.09540787	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.02392385	0.1394287	4.34E-05	0.0049916	-0.091842
2w4w_SITTC ζ	0.02293184	0.13330701	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ζ	0.0899563	0.54691494	4.88E-05	0.0086895	-0.47194
2w4w_SITTC ζ	0.00716357	0.03600095	3.50E-05	0.0074854	0.45576
2w4w_SITTC ζ	0.02724643	0.15993232	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ζ	0.017022	0.09683736	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.09357696	0.56925803	5.06E-05	0.0067258	-0.7829
2w4w_SITTC ζ	0.02448506	0.14289191	4.36E-05	0.0049516	-0.098011
2w4w_SITTC ζ	0.09114946	0.55427796	4.93E-05	0.0079874	-0.56091
2w4w_SITTC ζ	0.02675025	0.1568704	4.44E-05	0.004813	-0.11546
2w4w_SITTC ζ	0.01053596	0.05681202	3.68E-05	0.0068	0.30902
2w4w_SITTC ζ	0.0195712	0.11256845	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ζ	0.09215509	0.5604837	4.99E-05	0.0073308	-0.6503
2w4w_SITTC ζ	0.02756234	0.1618818	4.46E-05	0.0047834	-0.12024
2w4w_SITTC ζ	0.01968497	0.11327057	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ζ	0.08632196	0.5244874	4.77E-05	0.01133	-0.17867
2w4w_SITTC ζ	0.08590327	0.52190363	4.76E-05	0.0117	-0.17867
2w4w_SITTC ζ	0.08507481	0.5167912	4.76E-05	0.012059	-0.10433
2w4w_SITTC ζ	0.02980152	0.17569976	4.55E-05	0.0046645	-0.12301
2w4w_SITTC ζ	0.09942965	0.605375	5.49E-05	0.0043938	-1.2008
2w4w_SITTC ζ	0.08914677	0.5419193	4.84E-05	0.0094274	-0.42792
2w4w_SITTC ζ	0.09829024	0.5983437	5.40E-05	0.0046955	-1.1375
2w4w_SITTC ζ	0.09325804	0.56728995	5.06E-05	0.0067258	-0.73907
2w4w_SITTC ζ	0.04036755	0.24090275	4.99E-05	0.0046177	-0.063007
2w4w_SITTC ζ	0.07614452	0.46168247	5.18E-05	0.013885	0.22792
2w4w_SITTC ζ	0.02138406	0.12375566	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.09344337	0.56843364	5.06E-05	0.0067258	-0.7829
2w4w_SITTC ζ	0.02954018	0.17408705	4.53E-05	0.0046846	-0.1231
2w4w_SITTC ζ	0.02114237	0.12226418	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.04096301	0.24457735	5.02E-05	0.0046325	-0.058715
2w4w_SITTC ζ	0.04406271	0.26370558	5.25E-05	0.0047605	-0.035266
2w4w_SITTC ζ	0.09049681	0.5502504	4.91E-05	0.0083333	-0.51631
2w4w_SITTC ζ	0.01898782	0.10896841	4.14E-05	0.0054571	0.0010121
2w4w_SITTC ζ	0.03066932	0.18105496	4.57E-05	0.0046464	-0.12245
2w4w_SITTC ζ	0.01613046	0.09133566	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.0387599	0.23098196	4.89E-05	0.0045836	-0.076088
2w4w_SITTC ζ	0.03110337	0.18373348	4.58E-05	0.00463	-0.12145
2w4w_SITTC ζ	0.01577136	0.08911967	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.02852081	0.16779654	4.49E-05	0.0047302	-0.12174

2w4w_SITTC ζ	0.08475807	0.51483667	4.76E-05	0.012404	-0.069378
2w4w_SITTC ζ	0.03409469	0.20219292	4.68E-05	0.0045746	-0.10761
2w4w_SITTC ζ	0.01506997	0.08479136	3.92E-05	0.0060428	0.1363
2w4w_SITTC ζ	0.02029982	0.11706481	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ζ	0.01972842	0.11353865	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ζ	0.03374054	0.20000748	4.68E-05	0.0045746	-0.11071
2w4w_SITTC ζ	0.09936486	0.60497516	5.49E-05	0.0043938	-1.1701
2w4w_SITTC ζ	0.03871589	0.23071037	4.89E-05	0.0045836	-0.076088
2w4w_SITTC ζ	0.07978783	0.4841653	4.90E-05	0.014278	0.15946
2w4w_SITTC ζ	0.02463905	0.14384218	4.36E-05	0.0049516	-0.098011
2w4w_SITTC ζ	0.06954126	0.42093372	5.82E-05	0.011019	0.21895
2w4w_SITTC ζ	0.02378795	0.13859002	4.32E-05	0.0050338	-0.091842
2w4w_SITTC ζ	0.02193562	0.12715933	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ζ	0.04949434	0.2972242	5.73E-05	0.0051543	-0.0022352
2w4w_SITTC ζ	0.03932349	0.23445983	4.92E-05	0.0045932	-0.071721
2w4w_SITTC ζ	0.0138902	0.07751098	3.86E-05	0.0062156	0.17645
2w4w_SITTC ζ	0.01859295	0.10653171	4.11E-05	0.0055212	0.015459
2w4w_SITTC ζ	0.08997381	0.54702294	4.88E-05	0.0086895	-0.47194
2w4w_SITTC ζ	0.01266502	0.06995039	3.80E-05	0.0063994	0.21875
2w4w_SITTC ζ	0.04696434	0.28161153	5.49E-05	0.0049251	-0.018376
2w4w_SITTC ζ	0.0239347	0.13949564	4.34E-05	0.0049916	-0.091842
2w4w_SITTC ζ	0.08520906	0.51761967	4.76E-05	0.012059	-0.10433
2w4w_SITTC ζ	0.0839977	0.51014435	4.76E-05	0.012731	-0.036078
2w4w_SITTC ζ	0.01699873	0.09669374	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.1013239	0.61706436	5.66E-05	0.0039398	-1.2808
2w4w_SITTC ζ	0.0210946	0.12196939	4.21E-05	0.0052798	-0.04878
2w4w_SITTC ζ	0.01826281	0.10449439	4.09E-05	0.0055879	0.030658
2w4w_SITTC ζ	0.02832034	0.1665594	4.49E-05	0.0047302	-0.12174
2w4w_SITTC ζ	0.0132419	0.07351036	3.83E-05	0.0063061	0.19734
2w4w_SITTC ζ	0.01439782	0.08064356	3.89E-05	0.0061278	0.1561
2w4w_SITTC ζ	0.01473812	0.08274355	3.92E-05	0.0060428	0.1363
2w4w_SITTC ζ	0.06973833	0.42214984	5.82E-05	0.011019	0.22487
2w4w_SITTC ζ	0.01261973	0.06967093	3.80E-05	0.0063994	0.21875
2w4w_SITTC ζ	0.03859462	0.22996199	4.89E-05	0.0045836	-0.076088
2w4w_SITTC ζ	0.11125077	0.67832315	6.31E-05	0.0037825	-1.342
2w4w_SITTC ζ	0.01395103	0.07788637	3.86E-05	0.0062156	0.17645
2w4w_SITTC ζ	0.02994748	0.17660052	4.55E-05	0.0046645	-0.12301
2w4w_SITTC ζ	0.07231411	0.438045	5.54E-05	0.012382	0.24161
2w4w_SITTC ζ	0.0044525	0.01927098	3.35E-05	0.0081345	0.58516
2w4w_SITTC ζ	0.01986585	0.11438678	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ζ	0.02726243	0.16003104	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ζ	0.0308948	0.1824464	4.58E-05	0.00463	-0.12145
2w4w_SITTC ζ	0.07662614	0.46465456	5.13E-05	0.014025	0.22792

2w4w_SITTC ^Δ	0.01157498	0.06322376	3.74E-05	0.0065941	0.263
2w4w_SITTC ^Δ	0.06967824	0.42177904	5.82E-05	0.011019	0.22487
2w4w_SITTC ^Δ	0.02979784	0.17567705	4.55E-05	0.0046645	-0.12301
2w4w_SITTC ^Δ	0.00706561	0.03539648	3.50E-05	0.0074854	0.45576
2w4w_SITTC ^Δ	0.01866112	0.10695236	4.11E-05	0.0055212	0.015459
2w4w_SITTC ^Δ	0.01445717	0.08100977	3.89E-05	0.0061278	0.1561
2w4w_SITTC ^Δ	0.0216764	0.12555963	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ^Δ	0.01840769	0.10538847	4.11E-05	0.0055212	0.015459
2w4w_SITTC ^Δ	0.01430075	0.08004449	3.89E-05	0.0061278	0.1561
2w4w_SITTC ^Δ	0.05101159	0.30658713	5.87E-05	0.0053288	0.0077602
2w4w_SITTC ^Δ	0.08311994	0.5047278	4.78E-05	0.013315	0.02505
2w4w_SITTC ^Δ	0.07333282	0.44433147	5.43E-05	0.012883	0.24489
2w4w_SITTC ^Δ	0.00852368	0.04439421	3.56E-05	0.0072456	0.40559
2w4w_SITTC ^Δ	0.01791288	0.10233496	4.09E-05	0.0055879	0.030658
2w4w_SITTC ^Δ	0.03836121	0.22852163	4.87E-05	0.0045758	-0.076088
2w4w_SITTC ^Δ	0.02340857	0.1362489	4.32E-05	0.0050338	-0.084895
2w4w_SITTC ^Δ	0.02282243	0.13263182	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ^Δ	0.07430291	0.4503179	5.33E-05	0.013335	0.24406
2w4w_SITTC ^Δ	0.02200413	0.1275821	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ^Δ	0.01093308	0.0592626	3.71E-05	0.0066957	0.2858
2w4w_SITTC ^Δ	0.03632569	0.21596046	4.79E-05	0.0045625	-0.092976
2w4w_SITTC ^Δ	0.00422048	0.01783917	3.32E-05	0.0082728	0.61153
2w4w_SITTC ^Δ	0.02644216	0.15496919	4.42E-05	0.0048445	-0.11213
2w4w_SITTC ^Δ	0.03120012	0.18433051	4.58E-05	0.00463	-0.12145
2w4w_SITTC ^Δ	0.01532967	0.08639399	3.95E-05	0.0059603	0.11709
2w4w_SITTC ^Δ	0.08472721	0.51464623	4.76E-05	0.012404	-0.069378
2w4w_SITTC ^Δ	0.09363537	0.56961846	5.06E-05	0.0067258	-0.7829
2w4w_SITTC ^Δ	0.03704824	0.22041926	4.81E-05	0.0045652	-0.088896
2w4w_SITTC ^Δ	0.014954	0.08407571	3.92E-05	0.0060428	0.1363
2w4w_SITTC ^Δ	0.02471987	0.1443409	4.36E-05	0.0049516	-0.098011
2w4w_SITTC ^Δ	0.02385739	0.13901855	4.34E-05	0.0049916	-0.091842
2w4w_SITTC ^Δ	0.02556195	0.14953738	4.40E-05	0.0048781	-0.10813
2w4w_SITTC ^Δ	0.02442855	0.1425432	4.36E-05	0.0049516	-0.098011
2w4w_SITTC ^Δ	0.02751906	0.16161473	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ^Δ	0.01347175	0.07492874	3.83E-05	0.0063061	0.19734
2w4w_SITTC ^Δ	0.02005894	0.11557832	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ^Δ	0.03000483	0.17695439	4.55E-05	0.0046645	-0.12301
2w4w_SITTC ^Δ	0.08898185	0.5409016	4.84E-05	0.0094274	-0.3844
2w4w_SITTC ^Δ	0.08645987	0.5253384	4.77E-05	0.01133	-0.21781
2w4w_SITTC ^Δ	0.0286816	0.16878879	4.49E-05	0.0047302	-0.12268
2w4w_SITTC ^Δ	0.02128522	0.12314569	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ^Δ	0.01888111	0.10830995	4.11E-05	0.0055212	0.015459
2w4w_SITTC ^Δ	0.08366576	0.508096	4.77E-05	0.013036	-0.0045591

2w4w_SITTC ζ	0.02241079	0.13009161	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.00894098	0.04696935	3.59E-05	0.00713	0.38094
2w4w_SITTC ζ	0.07733189	0.46900973	5.09E-05	0.014141	0.21153
2w4w_SITTC ζ	0.02795978	0.16433437	4.48E-05	0.0047558	-0.12024
2w4w_SITTC ζ	0.02241361	0.13010898	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.03978498	0.23730771	4.95E-05	0.0046046	-0.067351
2w4w_SITTC ζ	0.08863919	0.53878707	4.82E-05	0.0098057	-0.3844
2w4w_SITTC ζ	0.02952236	0.17397708	4.53E-05	0.0046846	-0.1231
2w4w_SITTC ζ	0.0140644	0.07858602	3.86E-05	0.0062156	0.1561
2w4w_SITTC ζ	0.0231229	0.13448602	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ζ	0.01066858	0.05763039	3.68E-05	0.0068	0.30902
2w4w_SITTC ζ	0.07751026	0.47011045	5.05E-05	0.014229	0.21153
2w4w_SITTC ζ	0.0294218	0.17335655	4.53E-05	0.0046846	-0.1231
2w4w_SITTC ζ	0.0086005	0.04486829	3.56E-05	0.0072456	0.40559
2w4w_SITTC ζ	0.01992773	0.11476862	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ζ	0.00485603	0.02176113	3.38E-05	0.0079991	0.55892
2w4w_SITTC ζ	0.09710364	0.5910212	5.32E-05	0.0050496	-1.03
2w4w_SITTC ζ	0.06479096	0.39161965	6.24E-05	0.0086643	0.14863
2w4w_SITTC ζ	0.00992316	0.05303043	3.65E-05	0.0069072	0.33263
2w4w_SITTC ζ	0.01421772	0.07953212	3.89E-05	0.0061278	0.1561
2w4w_SITTC ζ	0.10106318	0.61545545	5.62E-05	0.0040352	-1.2808
2w4w_SITTC ζ	0.02625903	0.15383905	4.42E-05	0.0048445	-0.11213
2w4w_SITTC ζ	0.01402106	0.07831851	3.86E-05	0.0062156	0.17645
2w4w_SITTC ζ	0.01642511	0.09315391	4.00E-05	0.0058035	0.080526
2w4w_SITTC ζ	0.02028417	0.11696818	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ζ	0.02173833	0.12594183	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ζ	0.02240739	0.13007061	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.07939598	0.4817472	4.93E-05	0.014315	0.15946
2w4w_SITTC ζ	0.01332262	0.0740085	3.83E-05	0.0063061	0.19734
2w4w_SITTC ζ	0.02155294	0.12479778	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.03168292	0.18730994	4.60E-05	0.0046154	-0.12002
2w4w_SITTC ζ	0.02147288	0.12430375	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.02893637	0.17036092	4.51E-05	0.0047064	-0.12268
2w4w_SITTC ζ	0.02981985	0.17581289	4.55E-05	0.0046645	-0.12301
2w4w_SITTC ζ	0.02654926	0.15563011	4.44E-05	0.004813	-0.11546
2w4w_SITTC ζ	0.02102381	0.1215325	4.21E-05	0.0052798	-0.037579
2w4w_SITTC ζ	0.09216844	0.56056607	4.99E-05	0.0073308	-0.6503
2w4w_SITTC ζ	0.08775881	0.5333542	4.79E-05	0.010571	-0.29935
2w4w_SITTC ζ	0.02497607	0.1459219	4.38E-05	0.0049138	-0.10343
2w4w_SITTC ζ	0.02723096	0.15983684	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ζ	0.01294633	0.07168638	3.80E-05	0.0063994	0.19734
2w4w_SITTC ζ	0.12767959	0.77970535	7.03E-05	0.0055431	-0.96275
2w4w_SITTC ζ	0.02300685	0.13376988	4.30E-05	0.0050782	-0.077142

2w4w_SITTC ζ	0.04783069	0.28695777	5.58E-05	0.0050083	-0.01192
2w4w_SITTC ζ	0.00519307	0.02384103	3.38E-05	0.0079991	0.55892
2w4w_SITTC ζ	0.02273654	0.13210179	4.28E-05	0.005125	-0.077142
2w4w_SITTC ζ	0.02624185	0.15373307	4.42E-05	0.0048445	-0.11213
2w4w_SITTC ζ	0.01604565	0.09081226	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.0152549	0.08593261	3.95E-05	0.0059603	0.11709
2w4w_SITTC ζ	0.01255876	0.06929469	3.80E-05	0.0063994	0.21875
2w4w_SITTC ζ	0.04152873	0.2480684	5.05E-05	0.0046492	-0.054504
2w4w_SITTC ζ	0.02182069	0.12645009	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ζ	0.04809194	0.28856996	5.58E-05	0.0050083	-0.0087048
2w4w_SITTC ζ	0.02728482	0.16016921	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ζ	0.00909671	0.04793037	3.59E-05	0.00713	0.38094
2w4w_SITTC ζ	0.00575492	0.02730818	3.41E-05	0.0078664	0.53284
2w4w_SITTC ζ	0.00437638	0.01880124	3.35E-05	0.0081345	0.58516
2w4w_SITTC ζ	0.08695971	0.52842295	4.78E-05	0.010952	-0.25808
2w4w_SITTC ζ	0.0168416	0.09572409	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.01668828	0.09477796	4.00E-05	0.0058035	0.080526
2w4w_SITTC ζ	0.02786884	0.16377322	4.48E-05	0.0047558	-0.12024
2w4w_SITTC ζ	0.03429222	0.20341189	4.70E-05	0.0045688	-0.10761
2w4w_SITTC ζ	0.01043104	0.05616453	3.68E-05	0.0068	0.30902
2w4w_SITTC ζ	0.01591981	0.0900357	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.01605545	0.09087279	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.02149065	0.12441339	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.04427689	0.2650273	5.25E-05	0.0047605	-0.031751
2w4w_SITTC ζ	0.01645892	0.09336258	4.00E-05	0.0058035	0.080526
2w4w_SITTC ζ	0.0136333	0.07592569	3.86E-05	0.0062156	0.17645
2w4w_SITTC ζ	0.02254487	0.13091898	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.01912324	0.1098041	4.14E-05	0.0054571	0.0010121
2w4w_SITTC ζ	0.02005615	0.11556111	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ζ	0.02794112	0.16421925	4.48E-05	0.0047558	-0.12024
2w4w_SITTC ζ	0.03185175	0.18835174	4.60E-05	0.0046154	-0.11821
2w4w_SITTC ζ	0.06852995	0.41469294	5.93E-05	0.010465	0.20551
2w4w_SITTC ζ	0.03487331	0.20699777	4.72E-05	0.0045646	-0.10426
2w4w_SITTC ζ	0.08384933	0.5092288	4.77E-05	0.013036	-0.036078
2w4w_SITTC ζ	0.01997234	0.11504391	4.16E-05	0.0053955	-0.025531
2w4w_SITTC ζ	0.02649844	0.15531649	4.42E-05	0.0048445	-0.11546
2w4w_SITTC ζ	0.09598382	0.58411074	5.24E-05	0.0054581	-0.9515
2w4w_SITTC ζ	0.0261678	0.15327612	4.42E-05	0.0048445	-0.11213
2w4w_SITTC ζ	0.03041655	0.17949511	4.57E-05	0.0046464	-0.12245
2w4w_SITTC ζ	0.05342301	0.321468	6.05E-05	0.0056127	0.022172
2w4w_SITTC ζ	0.00547569	0.02558504	3.41E-05	0.0078664	0.53284
2w4w_SITTC ζ	0.01124485	0.06118658	3.71E-05	0.0066957	0.2858
2w4w_SITTC ζ	0.01276056	0.07054	3.80E-05	0.0063994	0.21875

2w4w_SITTC ζ	0.09321499	0.5670243	5.06E-05	0.0067258	-0.73907
2w4w_SITTC ζ	0.02698556	0.15832247	4.44E-05	0.004813	-0.11546
2w4w_SITTC ζ	0.08041257	0.48802063	4.87E-05	0.014207	0.14202
2w4w_SITTC ζ	0.09530437	0.57991785	5.16E-05	0.0059226	-0.91061
2w4w_SITTC ζ	0.05611161	0.33805934	6.24E-05	0.0060668	0.043089
2w4w_SITTC ζ	0.07879695	0.47805056	4.97E-05	0.014318	0.18889
2w4w_SITTC ζ	0.02357972	0.13730504	4.32E-05	0.0050338	-0.084895
2w4w_SITTC ζ	0.01930592	0.1109314	4.14E-05	0.0054571	0.0010121
2w4w_SITTC ζ	0.01498065	0.08424018	3.92E-05	0.0060428	0.1363
2w4w_SITTC ζ	0.02085564	0.12049473	4.21E-05	0.0052798	-0.037579
2w4w_SITTC ζ	0.05782161	0.34861177	6.32E-05	0.0064035	0.06315
2w4w_SITTC ζ	0.032382	0.19162393	4.62E-05	0.0046026	-0.11821
2w4w_SITTC ζ	0.02328762	0.1355025	4.32E-05	0.0050338	-0.084895
2w4w_SITTC ζ	0.01892749	0.10859612	4.11E-05	0.0055212	0.0010121
2w4w_SITTC ζ	0.01769154	0.1009691	4.06E-05	0.0056572	0.046584
2w4w_SITTC ζ	0.0209269	0.12093451	4.21E-05	0.0052798	-0.037579
2w4w_SITTC ζ	0.02974283	0.17533758	4.53E-05	0.0046846	-0.12301
2w4w_SITTC ζ	0.00564775	0.02664685	3.41E-05	0.0078664	0.53284
2w4w_SITTC ζ	0.01555362	0.087776	3.95E-05	0.0059603	0.11709
2w4w_SITTC ζ	0.03065901	0.18099137	4.57E-05	0.0046464	-0.12245
2w4w_SITTC ζ	0.01176442	0.06439282	3.74E-05	0.0065941	0.263
2w4w_SITTC ζ	0.01576989	0.0891106	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.02177724	0.12618198	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ζ	0.01173202	0.06419291	3.74E-05	0.0065941	0.263
2w4w_SITTC ζ	0.0276745	0.16257396	4.48E-05	0.0047558	-0.12024
2w4w_SITTC ζ	0.01663434	0.09444509	4.00E-05	0.0058035	0.080526
2w4w_SITTC ζ	0.01699699	0.09668298	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.02240558	0.1300594	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.02229767	0.12939355	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.07122188	0.43130484	5.65E-05	0.011849	0.23476
2w4w_SITTC ζ	0.02136673	0.12364867	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.03099252	0.18304946	4.58E-05	0.00463	-0.12145
2w4w_SITTC ζ	0.08109776	0.4922489	4.85E-05	0.0141	0.10139
2w4w_SITTC ζ	0.04313535	0.25798285	5.17E-05	0.0047101	-0.042593
2w4w_SITTC ζ	0.01753504	0.1000033	4.06E-05	0.0056572	0.046584
2w4w_SITTC ζ	0.01600299	0.09054902	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.01720736	0.09798119	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.0185418	0.10621607	4.11E-05	0.0055212	0.015459
2w4w_SITTC ζ	0.00879565	0.04607255	3.59E-05	0.00713	0.38094
2w4w_SITTC ζ	0.03125405	0.18466334	4.58E-05	0.00463	-0.12145
2w4w_SITTC ζ	0.01856207	0.10634111	4.11E-05	0.0055212	0.015459
2w4w_SITTC ζ	0.02104129	0.1216404	4.21E-05	0.0052798	-0.037579
2w4w_SITTC ζ	0.01712773	0.0974898	4.03E-05	0.005729	0.063215

2w4w_SITTC ^z	0.01951078	0.11219562	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ^z	0.02281499	0.13258593	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ^z	0.08369601	0.50828266	4.77E-05	0.013036	-0.0045591
2w4w_SITTC ^z	0.01504621	0.08464474	3.92E-05	0.0060428	0.1363
2w4w_SITTC ^z	0.02385897	0.13902831	4.34E-05	0.0049916	-0.091842
2w4w_SITTC ^z	0.02155213	0.12479281	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ^z	0.05074848	0.30496347	5.83E-05	0.0052672	0.0043724
2w4w_SITTC ^z	0.03805359	0.22662328	4.87E-05	0.0045758	-0.080425
2w4w_SITTC ^z	0.00709344	0.0355682	3.50E-05	0.0074854	0.45576
2w4w_SITTC ^z	0.00709839	0.03559872	3.50E-05	0.0074854	0.45576
2w4w_SITTC ^z	0.07084037	0.42895055	5.71E-05	0.011574	0.23476
2w4w_SITTC ^z	0.07650735	0.46392146	5.13E-05	0.014025	0.22792
2w4w_SITTC ^z	0.05014427	0.30123493	5.78E-05	0.0052091	0.0010449
2w4w_SITTC ^z	0.01513062	0.08516562	3.92E-05	0.0060428	0.11709
2w4w_SITTC ^z	0.01096632	0.05946771	3.71E-05	0.0066957	0.2858
2w4w_SITTC ^z	0.02566909	0.15019858	4.40E-05	0.0048781	-0.10813
2w4w_SITTC ^z	0.0247826	0.144728	4.36E-05	0.0049516	-0.098011
2w4w_SITTC ^z	0.08991842	0.54668117	4.86E-05	0.0090548	-0.47194
2w4w_SITTC ^z	0.02991996	0.1764307	4.55E-05	0.0046645	-0.12301
2w4w_SITTC ^z	0.01207143	0.06628741	3.77E-05	0.0064954	0.24064
2w4w_SITTC ^z	0.09738232	0.59274083	5.32E-05	0.0050496	-1.0673
2w4w_SITTC ^z	0.00755219	0.03839917	3.50E-05	0.0074854	0.43054
2w4w_SITTC ^z	0.01628048	0.09226144	4.00E-05	0.0058035	0.080526
2w4w_SITTC ^z	0.0063139	0.03075765	3.44E-05	0.0077366	0.50694
2w4w_SITTC ^z	0.01528669	0.08612878	3.95E-05	0.0059603	0.11709
2w4w_SITTC ^z	0.07907086	0.4797409	4.97E-05	0.014318	0.17506
2w4w_SITTC ^z	0.01283418	0.07099428	3.80E-05	0.0063994	0.21875
2w4w_SITTC ^z	0.01334673	0.07415725	3.83E-05	0.0063061	0.19734
2w4w_SITTC ^z	0.0422154	0.2523058	5.09E-05	0.0046676	-0.04643
2w4w_SITTC ^z	0.04154538	0.24817112	5.05E-05	0.0046492	-0.054504
2w4w_SITTC ^z	0.01770698	0.10106438	4.06E-05	0.0056572	0.046584
2w4w_SITTC ^z	0.01798649	0.10278921	4.09E-05	0.0055879	0.030658
2w4w_SITTC ^z	0.02003366	0.11542229	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ^z	0.02407478	0.14036009	4.34E-05	0.0049916	-0.091842
2w4w_SITTC ^z	0.02071301	0.11961459	4.21E-05	0.0052798	-0.037579
2w4w_SITTC ^z	0.09387646	0.5711062	5.09E-05	0.0064439	-0.7829
2w4w_SITTC ^z	0.02572778	0.15056074	4.40E-05	0.0048781	-0.10813
2w4w_SITTC ^z	0.00957753	0.05089751	3.62E-05	0.0070172	0.35661
2w4w_SITTC ^z	0.01882837	0.10798445	4.11E-05	0.0055212	0.015459
2w4w_SITTC ^z	0.0972762	0.592086	5.32E-05	0.0050496	-1.0673
2w4w_SITTC ^z	0.09417163	0.5729277	5.09E-05	0.0064439	-0.82618
2w4w_SITTC ^z	0.03329261	0.19724329	4.66E-05	0.0045822	-0.11352
2w4w_SITTC ^z	0.04834467	0.29012954	5.63E-05	0.005054	-0.0087048

2w4w_SITTC ζ	0.04540949	0.27201658	5.34E-05	0.0048194	-0.024952
2w4w_SITTC ζ	0.08222159	0.49918404	4.81E-05	0.013778	0.05262
2w4w_SITTC ζ	0.02314018	0.13459262	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ζ	0.01052051	0.05671663	3.68E-05	0.0068	0.30902
2w4w_SITTC ζ	0.0271435	0.15929715	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ζ	0.1014737	0.61798877	5.66E-05	0.0039398	-1.2808
2w4w_SITTC ζ	0.02209914	0.12816839	4.26E-05	0.0051742	-0.059109
2w4w_SITTC ζ	0.06551722	0.39610142	6.20E-05	0.0089013	0.16566
2w4w_SITTC ζ	0.04373284	0.26166996	5.21E-05	0.0047343	-0.038876
2w4w_SITTC ζ	0.07314356	0.4431635	5.43E-05	0.012883	0.24489
2w4w_SITTC ζ	0.01950866	0.11218251	4.16E-05	0.0053955	-0.012659
2w4w_SITTC ζ	0.01064338	0.05747486	3.68E-05	0.0068	0.30902
2w4w_SITTC ζ	0.09708478	0.5909048	5.32E-05	0.0050496	-1.03
2w4w_SITTC ζ	0.02088917	0.12070166	4.21E-05	0.0052798	-0.037579
2w4w_SITTC ζ	0.02220654	0.12883115	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.0182212	0.10423759	4.09E-05	0.0055879	0.030658
2w4w_SITTC ζ	0.02815577	0.16554387	4.48E-05	0.0047558	-0.12174
2w4w_SITTC ζ	0.0215615	0.1248506	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.06699759	0.40523672	6.07E-05	0.0096573	0.19037
2w4w_SITTC ζ	0.03057171	0.18045262	4.57E-05	0.0046464	-0.12245
2w4w_SITTC ζ	0.05909901	0.3564946	6.37E-05	0.0067983	0.074574
2w4w_SITTC ζ	0.0846589	0.51422465	4.76E-05	0.012404	-0.069378
2w4w_SITTC ζ	0.01579555	0.08926895	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.02124413	0.12289214	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ζ	0.02614155	0.15311413	4.42E-05	0.0048445	-0.11213
2w4w_SITTC ζ	0.02748892	0.16142873	4.46E-05	0.0047834	-0.11816
2w4w_SITTC ζ	0.04111179	0.24549548	5.02E-05	0.0046325	-0.054504
2w4w_SITTC ζ	0.03152741	0.18635024	4.60E-05	0.0046154	-0.12002
2w4w_SITTC ζ	0.03140599	0.185601	4.58E-05	0.00463	-0.12002
2w4w_SITTC ζ	0.00742236	0.03759794	3.50E-05	0.0074854	0.45576
2w4w_SITTC ζ	0.01307514	0.07248125	3.83E-05	0.0063061	0.19734
2w4w_SITTC ζ	0.01566157	0.08844215	3.95E-05	0.0059603	0.098494
2w4w_SITTC ζ	0.03467401	0.20576791	4.72E-05	0.0045646	-0.10426
2w4w_SITTC ζ	0.02249578	0.13061605	4.28E-05	0.005125	-0.068556
2w4w_SITTC ζ	0.01873882	0.10743184	4.11E-05	0.0055212	0.015459
2w4w_SITTC ζ	0.0503341	0.3024063	5.78E-05	0.0052091	0.0043724
2w4w_SITTC ζ	0.05800891	0.3497676	6.34E-05	0.0065282	0.06315
2w4w_SITTC ζ	0.0242122	0.14120811	4.34E-05	0.0049916	-0.091842
2w4w_SITTC ζ	0.01684471	0.0957433	4.03E-05	0.005729	0.063215
2w4w_SITTC ζ	0.01747544	0.09963555	4.06E-05	0.0056572	0.046584
2w4w_SITTC ζ	0.03110071	0.18371709	4.58E-05	0.00463	-0.12145
2w4w_SITTC ζ	0.01618101	0.09164757	3.98E-05	0.0058806	0.098494
2w4w_SITTC ζ	0.01947963	0.11200342	4.14E-05	0.0054571	-0.012659

2w4w_SITTC ^Δ	0.0170788	0.09718783	4.03E-05	0.005729	0.063215
2w4w_SITTC ^Δ	0.01498395	0.08426056	3.92E-05	0.0060428	0.1363
2w4w_SITTC ^Δ	0.08584253	0.52152884	4.76E-05	0.0117	-0.14081
2w4w_SITTC ^Δ	0.03402736	0.20177746	4.68E-05	0.0045746	-0.10761
2w4w_SITTC ^Δ	0.08813842	0.53569674	4.80E-05	0.010188	-0.3415
2w4w_SITTC ^Δ	0.08502759	0.5164999	4.76E-05	0.012404	-0.10433
2w4w_SITTC ^Δ	0.02844771	0.16734542	4.49E-05	0.0047302	-0.12174
2w4w_SITTC ^Δ	0.0213567	0.12358681	4.24E-05	0.0052258	-0.04878
2w4w_SITTC ^Δ	0.09262554	0.5633868	4.99E-05	0.0073308	-0.69483
2w4w_SITTC ^Δ	0.01323343	0.07345808	3.83E-05	0.0063061	0.19734
2w4w_SITTC ^Δ	0.04232028	0.25295305	5.13E-05	0.0046879	-0.04643
2w4w_SITTC ^Δ	0.01797227	0.10270149	4.09E-05	0.0055879	0.030658
2w4w_SITTC ^Δ	0.01068871	0.05775459	3.68E-05	0.0068	0.30902
2w4w_SITTC ^Δ	0.01873057	0.10738095	4.11E-05	0.0055212	0.015459
2w4w_SITTC ^Δ	0.01802359	0.10301816	4.09E-05	0.0055879	0.030658
2w4w_SITTC ^Δ	0.01936688	0.11130758	4.14E-05	0.0054571	0.0010121
2w4w_SITTC ^Δ	0.00769024	0.03925102	3.53E-05	0.0073641	0.43054
2w4w_SITTC ^Δ	0.01192088	0.06535835	3.77E-05	0.0064954	0.24064
2w4w_SITTC ^Δ	0.01204029	0.06609522	3.77E-05	0.0064954	0.24064
2w4w_SITTC ^Δ	0.07714062	0.4678294	5.09E-05	0.014141	0.22047
2w4w_SITTC ^Δ	0.00366494	0.01441095	3.29E-05	0.0084138	0.63801
2w4w_SITTC ^Δ	0.02006989	0.11564587	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ^Δ	0.01177807	0.06447709	3.74E-05	0.0065941	0.263
2w4w_SITTC ^Δ	0.02309136	0.13429138	4.30E-05	0.0050782	-0.077142
2w4w_SITTC ^Δ	0.02268909	0.13180897	4.28E-05	0.005125	-0.077142
2w4w_SITTC ^Δ	0.0163587	0.09274412	4.00E-05	0.0058035	0.080526
2w4w_SITTC ^Δ	0.01542187	0.08696297	3.95E-05	0.0059603	0.11709
2w4w_SITTC ^Δ	0.01219433	0.06704581	3.77E-05	0.0064954	0.24064
2w4w_SITTC ^Δ	0.08463047	0.51404923	4.76E-05	0.012404	-0.069378
2w4w_SITTC ^Δ	0.05815857	0.3506911	6.34E-05	0.0065282	0.06315
2w4w_SITTC ^Δ	0.0163316	0.09257688	4.00E-05	0.0058035	0.080526
2w4w_SITTC ^Δ	0.01199093	0.06579059	3.77E-05	0.0064954	0.24064
2w4w_SITTC ^Δ	0.01492311	0.08388507	3.92E-05	0.0060428	0.1363
2w4w_SITTC ^Δ	0.02043827	0.11791918	4.19E-05	0.0053364	-0.025531
2w4w_SITTC ^Δ	0.02705164	0.15873025	4.44E-05	0.004813	-0.11816
2w4w_SITTC ^Δ	0.0174291	0.09934953	4.06E-05	0.0056572	0.046584
2w4w_SITTC ^Δ	0.03534264	0.20989402	4.74E-05	0.0045622	-0.10068
2w4w_SITTC ^Δ	0.04472442	0.26778898	5.30E-05	0.0047888	-0.031751
2w4w_SITTC ^Δ	0.0114505	0.06245563	3.74E-05	0.0065941	0.263
2w4w_SITTC ^Δ	0.00937551	0.04965083	3.62E-05	0.0070172	0.35661
2w4w_SITTC ^Δ	0.00635995	0.03104184	3.44E-05	0.0077366	0.50694
2w4w_SITTC ^Δ	0.01554179	0.08770298	3.95E-05	0.0059603	0.11709
2w4w_SITTC ^Δ	0.02316544	0.13474852	4.30E-05	0.0050782	-0.077142

2w4w_SITTC	0.06793539	0.41102389	5.98E-05	0.010192	0.19812
2w4w_SITTC	0.03471966	0.20604962	4.72E-05	0.0045646	-0.10426
2w4w_SITTC	0.01223672	0.0673074	3.77E-05	0.0064954	0.24064
2w4w_SITTC	0.02064555	0.11919828	4.21E-05	0.0052798	-0.037579
2w4w_SITTC	0.01891502	0.10851916	4.11E-05	0.0055212	0.0010121
2w4w_SITTC	0.05096687	0.3063112	5.87E-05	0.0053288	0.0077602
2w4w_SITTC	0.02198429	0.12745966	4.26E-05	0.0051742	-0.059109
2w4w_SITTC	0.01256561	0.06933697	3.80E-05	0.0063994	0.21875
2w4w_SITTC	0.03685425	0.21922219	4.81E-05	0.0045652	-0.088896
2w4w_SITTC	0.01070757	0.05787097	3.68E-05	0.0068	0.30902
2w4w_SITTC	0.02375218	0.13836928	4.32E-05	0.0050338	-0.091842
2w4w_SITTC	0.02601263	0.15231855	4.42E-05	0.0048445	-0.11213
2w4w_SITTC	0.02673703	0.15678878	4.44E-05	0.004813	-0.11546
2w4w_SITTC	0.01912591	0.10982061	4.14E-05	0.0054571	0.0010121
2w4w_SITTC	0.02200763	0.12760365	4.26E-05	0.0051742	-0.059109
2w4w_SITTC	0.01720355	0.09795768	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.01300432	0.07204427	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.01139329	0.06210256	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.04381082	0.26215115	5.21E-05	0.0047343	-0.035266
2w4w_SITTD	0.01076321	0.05821437	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.01823827	0.10434294	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.01320603	0.07328899	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.02723926	0.15988809	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.01795959	0.10262319	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.06835128	0.41359037	5.93E-05	0.010465	0.20551
2w4w_SITTD	0.08838707	0.5372312	4.82E-05	0.0098057	-0.3415
2w4w_SITTD	0.0097988	0.052263	3.65E-05	0.0069072	0.33263
2w4w_SITTD	0.01783239	0.10183825	4.06E-05	0.0056572	0.030658
2w4w_SITTD	0.01813128	0.10368275	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.02288009	0.13298762	4.30E-05	0.0050782	-0.077142
2w4w_SITTD	0.01441824	0.08076954	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.01204336	0.06611416	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.10127536	0.61676484	5.62E-05	0.0040352	-1.2808
2w4w_SITTD	0.02619045	0.15341584	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.01790384	0.10227919	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.0131559	0.07297961	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.01201746	0.06595436	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.08969539	0.54530483	4.86E-05	0.0090548	-0.47194
2w4w_SITTD	0.08977459	0.5457936	4.86E-05	0.0090548	-0.47194
2w4w_SITTD	0.02747915	0.16136844	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.01424164	0.07967976	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.02121303	0.12270023	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.03774492	0.22471851	4.84E-05	0.0045696	-0.084703

2w4w_SITTD	0.04152771	0.24806209	5.05E-05	0.0046492	-0.054504
2w4w_SITTD	0.01353259	0.0753042	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.02103411	0.12159608	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.01569958	0.08867668	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.02473592	0.14443997	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.02991574	0.17640463	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.05103259	0.3067167	5.87E-05	0.0053288	0.0077602
2w4w_SITTD	0.01416907	0.07923191	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.00624154	0.03031114	3.44E-05	0.0077366	0.50694
2w4w_SITTD	0.02033749	0.11729725	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.00747079	0.03789682	3.50E-05	0.0074854	0.45576
2w4w_SITTD	0.02591009	0.15168579	4.40E-05	0.0048781	-0.11213
2w4w_SITTD	0.01142978	0.06232778	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.03669303	0.2182273	4.79E-05	0.0045625	-0.092976
2w4w_SITTD	0.04077265	0.24340263	5.02E-05	0.0046325	-0.058715
2w4w_SITTD	0.01680156	0.09547699	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.09245788	0.5623522	4.99E-05	0.0073308	-0.69483
2w4w_SITTD	0.01550712	0.08748905	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.09445951	0.57470423	5.13E-05	0.0061762	-0.82618
2w4w_SITTD	0.07868326	0.477349	4.97E-05	0.014318	0.18889
2w4w_SITTD	0.03106757	0.18351261	4.58E-05	0.00463	-0.12145
2w4w_SITTD	0.01429676	0.08001986	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.02991086	0.1763745	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.09193555	0.5591288	4.96E-05	0.0076529	-0.6503
2w4w_SITTD	0.01280818	0.07083389	3.80E-05	0.0063994	0.21875
2w4w_SITTD	0.01930548	0.11092873	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.02050143	0.11830889	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.013129	0.07281363	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.00876099	0.04585865	3.59E-05	0.00713	0.38094
2w4w_SITTD	0.0170438	0.09697187	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.01370403	0.07636213	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.03383573	0.20059487	4.68E-05	0.0045746	-0.11071
2w4w_SITTD	0.00972411	0.05180208	3.62E-05	0.0070172	0.33263
2w4w_SITTD	0.00922266	0.0487076	3.62E-05	0.0070172	0.35661
2w4w_SITTD	0.03053261	0.18021132	4.57E-05	0.0046464	-0.12245
2w4w_SITTD	0.01191239	0.06530596	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.02213598	0.12839572	4.26E-05	0.0051742	-0.068556
2w4w_SITTD	0.08190149	0.4972087	4.81E-05	0.013778	0.078055
2w4w_SITTD	0.01417362	0.07925999	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.062769	0.37914208	6.35E-05	0.0078047	0.12359
2w4w_SITTD	0.02306804	0.13414751	4.30E-05	0.0050782	-0.077142
2w4w_SITTD	0.02407478	0.14036006	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.09376962	0.5704469	5.09E-05	0.0064439	-0.7829

2w4w_SITTD	0.02590028	0.15162522	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.08525806	0.5179221	4.76E-05	0.012059	-0.10433
2w4w_SITTD	0.02259059	0.13120113	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.0101036	0.05414392	3.65E-05	0.0069072	0.33263
2w4w_SITTD	0.01214332	0.06673104	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.02179731	0.12630577	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.02157055	0.12490649	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.07132538	0.43194357	5.65E-05	0.011849	0.2386
2w4w_SITTD	0.03221043	0.19056518	4.62E-05	0.0046026	-0.11821
2w4w_SITTD	0.0224605	0.13039835	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.01677019	0.09528343	4.00E-05	0.0058035	0.063215
2w4w_SITTD	0.01425582	0.07976724	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.03017527	0.17800619	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.09534932	0.58019525	5.16E-05	0.0059226	-0.91061
2w4w_SITTD	0.01159738	0.06336201	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.08364163	0.5079471	4.77E-05	0.013036	-0.0045591
2w4w_SITTD	0.08289769	0.5033563	4.78E-05	0.013315	0.02505
2w4w_SITTD	0.01533795	0.08644509	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.00895403	0.04704993	3.59E-05	0.00713	0.38094
2w4w_SITTD	0.03011291	0.17762138	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.02655271	0.15565139	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.09683713	0.5893765	5.28E-05	0.0052469	-1.03
2w4w_SITTD	0.0171391	0.09756	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.00740977	0.03752026	3.50E-05	0.0074854	0.45576
2w4w_SITTD	0.07066682	0.42787957	5.71E-05	0.011574	0.23016
2w4w_SITTD	0.02437555	0.14221609	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.02722517	0.15980113	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.06353889	0.38389313	6.30E-05	0.008216	0.13178
2w4w_SITTD	0.03065807	0.18098554	4.57E-05	0.0046464	-0.12245
2w4w_SITTD	0.0906603	0.55125934	4.91E-05	0.0083333	-0.51631
2w4w_SITTD	0.0180931	0.1034471	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.00918942	0.04850248	3.62E-05	0.0070172	0.35661
2w4w_SITTD	0.10031139	0.6108162	5.58E-05	0.0041426	-1.2296
2w4w_SITTD	0.02726774	0.16006382	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.02889239	0.17008956	4.51E-05	0.0047064	-0.12268
2w4w_SITTD	0.01211754	0.06657194	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.07688754	0.46626765	5.13E-05	0.014025	0.22047
2w4w_SITTD	0.07735807	0.4691713	5.09E-05	0.014141	0.21153
2w4w_SITTD	0.08576208	0.5210324	4.76E-05	0.0117	-0.14081
2w4w_SITTD	0.00893719	0.04694596	3.59E-05	0.00713	0.38094
2w4w_SITTD	0.01652958	0.09379865	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.02128857	0.12316635	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.01483012	0.08331124	3.92E-05	0.0060428	0.1363

2w4w_SITTD	0.03443133	0.20427032	4.70E-05	0.0045688	-0.10761
2w4w_SITTD	0.09466833	0.5759929	5.13E-05	0.0061762	-0.8688
2w4w_SITTD	0.01251081	0.06899879	3.80E-05	0.0063994	0.21875
2w4w_SITTD	0.02569292	0.1503456	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.00956583	0.05082531	3.62E-05	0.0070172	0.35661
2w4w_SITTD	0.07889088	0.47863021	4.97E-05	0.014318	0.17506
2w4w_SITTD	0.02408881	0.14044663	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.05242269	0.31529504	5.97E-05	0.0054628	0.018414
2w4w_SITTD	0.02814072	0.16545099	4.48E-05	0.0047558	-0.12174
2w4w_SITTD	0.03199851	0.1892574	4.62E-05	0.0046026	-0.11821
2w4w_SITTD	0.00826345	0.0427883	3.56E-05	0.0072456	0.40559
2w4w_SITTD	0.00661757	0.03263161	3.47E-05	0.0076096	0.48124
2w4w_SITTD	0.01509362	0.08493732	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.0974086	0.5929031	5.32E-05	0.0050496	-1.0673
2w4w_SITTD	0.04492341	0.26901695	5.30E-05	0.0047888	-0.028317
2w4w_SITTD	0.08734828	0.5308208	4.79E-05	0.010571	-0.25808
2w4w_SITTD	0.01923236	0.11047749	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.07326756	0.44392875	5.43E-05	0.012883	0.24489
2w4w_SITTD	0.06351473	0.38374403	6.30E-05	0.008216	0.13178
2w4w_SITTD	0.0164714	0.09343958	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.00740893	0.03751512	3.50E-05	0.0074854	0.45576
2w4w_SITTD	0.01167178	0.06382114	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.02689308	0.15775178	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.01328413	0.07377094	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.04705741	0.28218588	5.49E-05	0.0049251	-0.01514
2w4w_SITTD	0.10156637	0.6185607	5.66E-05	0.0039398	-1.303
2w4w_SITTD	0.02587375	0.15146148	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.02151309	0.12455186	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.02239343	0.12998445	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.01436376	0.08043335	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.02464285	0.1438656	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.01598058	0.09041073	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.01409328	0.07876421	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.10050835	0.61203164	5.58E-05	0.0041426	-1.2563
2w4w_SITTD	0.0198349	0.11419578	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.05867534	0.35388014	6.35E-05	0.0066597	0.068735
2w4w_SITTD	0.02255825	0.13100153	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.01028988	0.05529343	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.02564241	0.15003392	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.01671757	0.09495869	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.07954438	0.48266298	4.93E-05	0.014315	0.15946
2w4w_SITTD	0.0948501	0.5771146	5.16E-05	0.0059226	-0.8688
2w4w_SITTD	0.01502631	0.08452195	3.92E-05	0.0060428	0.1363

2w4w_SITTD	0.01928291	0.11078944	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.02270873	0.1319302	4.28E-05	0.005125	-0.077142
2w4w_SITTD	0.02505039	0.14638053	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.01185912	0.06497721	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.02245911	0.13038978	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.01222273	0.06722103	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.02985949	0.17605755	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.01509744	0.0849609	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.03242899	0.19191392	4.62E-05	0.0046026	-0.11603
2w4w_SITTD	0.01895918	0.1087917	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.0245192	0.1431026	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.00866799	0.04528474	3.59E-05	0.00713	0.38094
2w4w_SITTD	0.08740045	0.5311428	4.79E-05	0.010571	-0.25808
2w4w_SITTD	0.02754234	0.16175838	4.46E-05	0.0047834	-0.12024
2w4w_SITTD	0.02557088	0.14959252	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.02167047	0.12552306	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.03243865	0.19197349	4.62E-05	0.0046026	-0.11603
2w4w_SITTD	0.02211035	0.12823758	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.01316345	0.0730262	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.03859786	0.22998199	4.89E-05	0.0045836	-0.076088
2w4w_SITTD	0.02672967	0.15674338	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.01345235	0.07480901	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.02680969	0.15723722	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.02107362	0.12183987	4.21E-05	0.0052798	-0.04878
2w4w_SITTD	0.01286973	0.07121369	3.80E-05	0.0063994	0.21875
2w4w_SITTD	0.01497722	0.08421899	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.00974138	0.05190866	3.65E-05	0.0069072	0.33263
2w4w_SITTD	0.0207542	0.11986876	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.01508093	0.08485902	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.01942108	0.11164209	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.05091504	0.30599135	5.83E-05	0.0052672	0.0077602
2w4w_SITTD	0.02002361	0.11536028	4.16E-05	0.0053955	-0.025531
2w4w_SITTD	0.09992806	0.60845065	5.53E-05	0.004262	-1.2296
2w4w_SITTD	0.00908248	0.04784258	3.59E-05	0.00713	0.38094
2w4w_SITTD	0.02673793	0.15679435	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.00750254	0.03809277	3.50E-05	0.0074854	0.45576
2w4w_SITTD	0.02365753	0.13778524	4.32E-05	0.0050338	-0.084895
2w4w_SITTD	0.01504347	0.08462784	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.01040477	0.05600245	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.0169541	0.09641836	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.02143946	0.12409751	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.02032942	0.11724742	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.01651243	0.09369281	4.00E-05	0.0058035	0.080526

2w4w_SITTD	0.02442804	0.14254001	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.01614395	0.09141889	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.01332624	0.0740308	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.02755147	0.16181473	4.46E-05	0.0047834	-0.12024
2w4w_SITTD	0.02447248	0.14281425	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.00687948	0.03424786	3.47E-05	0.0076096	0.48124
2w4w_SITTD	0.0207879	0.12007675	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.01592212	0.09004999	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.01296653	0.07181105	3.80E-05	0.0063994	0.19734
2w4w_SITTD	0.01984716	0.11427142	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.08823908	0.53631794	4.80E-05	0.010188	-0.3415
2w4w_SITTD	0.01827278	0.10455591	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.02230007	0.12940833	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.07253233	0.4393916	5.54E-05	0.012382	0.24373
2w4w_SITTD	0.02047447	0.11814257	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.01457343	0.0817272	3.89E-05	0.0061278	0.1363
2w4w_SITTD	0.03317383	0.1965103	4.66E-05	0.0045822	-0.11352
2w4w_SITTD	0.04837936	0.2903436	5.63E-05	0.005054	-0.0087048
2w4w_SITTD	0.02399317	0.13985646	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.01095492	0.05939739	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.01605213	0.09085228	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.06691835	0.40474775	6.07E-05	0.0096573	0.18233
2w4w_SITTD	0.08533546	0.5183997	4.76E-05	0.012059	-0.14081
2w4w_SITTD	0.00980403	0.05229526	3.65E-05	0.0069072	0.33263
2w4w_SITTD	0.01748535	0.09969669	4.06E-05	0.0056572	0.046584
2w4w_SITTD	0.0257241	0.15053804	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.02916812	0.17179109	4.51E-05	0.0047064	-0.1231
2w4w_SITTD	0.01870191	0.10720407	4.11E-05	0.0055212	0.015459
2w4w_SITTD	0.06428029	0.3884683	6.27E-05	0.0084357	0.14863
2w4w_SITTD	0.00313906	0.0111657	3.26E-05	0.0085576	0.66457
2w4w_SITTD	0.06913589	0.41843218	5.87E-05	0.010741	0.21895
2w4w_SITTD	0.01320344	0.073273	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.01311476	0.07272575	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.0805487	0.48886064	4.87E-05	0.014207	0.12269
2w4w_SITTD	0.05747121	0.3464494	6.32E-05	0.0064035	0.057806
2w4w_SITTD	0.06980139	0.422539	5.82E-05	0.011019	0.22487
2w4w_SITTD	0.03122038	0.18445557	4.58E-05	0.00463	-0.12145
2w4w_SITTD	0.01958933	0.11268037	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.01675419	0.09518467	4.00E-05	0.0058035	0.063215
2w4w_SITTD	0.06003992	0.36230093	6.37E-05	0.0069445	0.087064
2w4w_SITTD	0.08727851	0.53039026	4.79E-05	0.010571	-0.25808
2w4w_SITTD	0.01325764	0.07360745	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.08446673	0.5130388	4.76E-05	0.012731	-0.069378

2w4w_SITTD	0.09412313	0.57262844	5.09E-05	0.0064439	-0.82618
2w4w_SITTD	0.02081648	0.1202531	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.02584078	0.15125808	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.0117052	0.06402734	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.02854768	0.16796233	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.02498238	0.14596087	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.0143024	0.08005469	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.02838134	0.16693585	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.02851482	0.16775957	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.06823158	0.41285172	5.98E-05	0.010192	0.20551
2w4w_SITTD	0.06486874	0.39209962	6.24E-05	0.0086643	0.15715
2w4w_SITTD	0.02033879	0.11730526	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.0837891	0.5088571	4.77E-05	0.013036	-0.036078
2w4w_SITTD	0.03309136	0.19600137	4.66E-05	0.0045822	-0.11352
2w4w_SITTD	0.01529238	0.08616388	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.01392443	0.07772221	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.0105385	0.05682769	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.02285026	0.13280357	4.30E-05	0.0050782	-0.077142
2w4w_SITTD	0.01076913	0.05825086	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.02789224	0.1639176	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.08688785	0.52797955	4.78E-05	0.010952	-0.21781
2w4w_SITTD	0.02010339	0.11585263	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.05071749	0.30477226	5.83E-05	0.0052672	0.0043724
2w4w_SITTD	0.01902309	0.10918611	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.02231293	0.12948768	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.02083083	0.12034166	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.01650509	0.09364749	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.01389715	0.07755389	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.06943572	0.42028245	5.82E-05	0.011019	0.21895
2w4w_SITTD	0.03478263	0.2064382	4.72E-05	0.0045646	-0.10426
2w4w_SITTD	0.02423311	0.14133711	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.08838958	0.5372467	4.82E-05	0.0098057	-0.3415
2w4w_SITTD	0.01524664	0.08588158	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.06811649	0.4121415	5.98E-05	0.010192	0.20551
2w4w_SITTD	0.01308438	0.07253826	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.00641825	0.0314016	3.44E-05	0.0077366	0.50694
2w4w_SITTD	0.00513003	0.02345202	3.38E-05	0.0079991	0.55892
2w4w_SITTD	0.02359256	0.1373843	4.32E-05	0.0050338	-0.084895
2w4w_SITTD	0.02048492	0.11820702	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.01332195	0.07400435	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.0172445	0.0982104	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.00988822	0.0528148	3.65E-05	0.0069072	0.33263
2w4w_SITTD	0.05499792	0.33118677	6.17E-05	0.0058704	0.034245

2w4w_SITTD	0.02723303	0.15984964	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.03073758	0.18147624	4.57E-05	0.0046464	-0.12245
2w4w_SITTD	0.09155816	0.5568	4.93E-05	0.0079874	-0.60562
2w4w_SITTD	0.0867921	0.52738863	4.78E-05	0.010952	-0.21781
2w4w_SITTD	0.01241922	0.06843358	3.77E-05	0.0064954	0.21875
2w4w_SITTD	0.01636306	0.09277101	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.05729058	0.34533477	6.30E-05	0.0062853	0.057806
2w4w_SITTD	0.07051104	0.4269182	5.71E-05	0.011574	0.23016
2w4w_SITTD	0.02349217	0.13676481	4.32E-05	0.0050338	-0.084895
2w4w_SITTD	0.03509368	0.20835769	4.72E-05	0.0045646	-0.10068
2w4w_SITTD	0.02180577	0.12635802	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.01899902	0.10903757	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.11333306	0.6911729	6.42E-05	0.0040096	-1.2882
2w4w_SITTD	0.01218643	0.06699705	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.01289874	0.07139269	3.80E-05	0.0063994	0.21875
2w4w_SITTD	0.02624668	0.15376286	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.0879632	0.5346155	4.80E-05	0.010188	-0.29935
2w4w_SITTD	0.01691163	0.09615626	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.0215964	0.12506598	4.24E-05	0.0052258	-0.059109
2w4w_SITTD	0.00790888	0.04060025	3.53E-05	0.0073641	0.43054
2w4w_SITTD	0.0793606	0.4815289	4.93E-05	0.014315	0.17506
2w4w_SITTD	0.04129164	0.2466053	5.05E-05	0.0046492	-0.054504
2w4w_SITTD	0.00810507	0.041811	3.56E-05	0.0072456	0.40559
2w4w_SITTD	0.02245005	0.13033387	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.01174515	0.06427389	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.02309308	0.13430199	4.30E-05	0.0050782	-0.077142
2w4w_SITTD	0.01611433	0.09123611	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.01713747	0.09754992	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.02264815	0.13155633	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.01370156	0.0763469	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.0393557	0.2346586	4.92E-05	0.0045932	-0.071721
2w4w_SITTD	0.02702394	0.15855932	4.44E-05	0.004813	-0.11816
2w4w_SITTD	0.02458209	0.1434907	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.01345012	0.07479529	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.01703314	0.0969061	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.0887842	0.53968185	4.82E-05	0.0098057	-0.3844
2w4w_SITTD	0.01321875	0.07336748	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.03901993	0.23258659	4.92E-05	0.0045932	-0.071721
2w4w_SITTD	0.02931678	0.17270845	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.02162811	0.12526165	4.24E-05	0.0052258	-0.059109
2w4w_SITTD	0.0279623	0.16434996	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.01565598	0.08840764	3.95E-05	0.0059603	0.098494
2w4w_SITTD	0.08355855	0.5074344	4.77E-05	0.013036	-0.0045591

2w4w_SITTD	0.01454911	0.08157712	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.02622647	0.15363812	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.01974194	0.1136221	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.0690429	0.41785833	5.87E-05	0.010741	0.21248
2w4w_SITTD	0.02119568	0.12259314	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.01705978	0.09707046	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.0162721	0.09220973	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.02034059	0.11731637	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.01623861	0.09200303	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.04851748	0.29119596	5.63E-05	0.005054	-0.0087048
2w4w_SITTD	0.01708679	0.09723715	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.09549421	0.5810894	5.20E-05	0.0056833	-0.91061
2w4w_SITTD	0.02956553	0.17424351	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.04593577	0.27526423	5.39E-05	0.0048522	-0.021643
2w4w_SITTD	0.01238812	0.06824169	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.01918014	0.11015521	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.01226575	0.06748653	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.02966932	0.17488398	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.03532531	0.20978707	4.74E-05	0.0045622	-0.10068
2w4w_SITTD	0.01494335	0.08400997	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.01563004	0.08824753	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.01615434	0.091483	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.02600262	0.15225676	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.02543968	0.14878285	4.38E-05	0.0049138	-0.10813
2w4w_SITTD	0.03911649	0.23318246	4.92E-05	0.0045932	-0.071721
2w4w_SITTD	0.08355892	0.5074367	4.77E-05	0.013036	-0.0045591
2w4w_SITTD	0.01539279	0.08678347	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.03799506	0.22626214	4.87E-05	0.0045758	-0.080425
2w4w_SITTD	0.02466626	0.14401008	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.03023445	0.17837143	4.55E-05	0.0046645	-0.12245
2w4w_SITTD	0.00559003	0.02629064	3.41E-05	0.0078664	0.53284
2w4w_SITTD	0.09333863	0.5677873	5.06E-05	0.0067258	-0.73907
2w4w_SITTD	0.01121076	0.06097618	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.0204706	0.11811867	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.02128978	0.12317382	4.24E-05	0.0052258	-0.04878
2w4w_SITTD	0.02774593	0.16301475	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.01791062	0.10232103	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.02326891	0.13538706	4.30E-05	0.0050782	-0.084895
2w4w_SITTD	0.02935397	0.17293794	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.0248557	0.14517911	4.36E-05	0.0049516	-0.10343
2w4w_SITTD	0.01706061	0.09707563	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.02052211	0.11843655	4.19E-05	0.0053364	-0.037579
2w4w_SITTD	0.09603309	0.5844148	5.24E-05	0.0054581	-0.9515

2w4w_SITTD	0.02821461	0.16590697	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.03653473	0.21725044	4.79E-05	0.0045625	-0.092976
2w4w_SITTD	0.00731987	0.03696553	3.50E-05	0.0074854	0.45576
2w4w_SITTD	0.0231102	0.13440764	4.30E-05	0.0050782	-0.077142
2w4w_SITTD	0.01857966	0.10644968	4.11E-05	0.0055212	0.015459
2w4w_SITTD	0.01347151	0.07492728	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.03735742	0.22232723	4.81E-05	0.0045652	-0.084703
2w4w_SITTD	0.01743883	0.09940961	4.06E-05	0.0056572	0.046584
2w4w_SITTD	0.02772436	0.1628816	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.03537348	0.21008432	4.74E-05	0.0045622	-0.10068
2w4w_SITTD	0.02740981	0.16094053	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.01645735	0.09335286	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.07946798	0.4821915	4.93E-05	0.014315	0.15946
2w4w_SITTD	0.03231011	0.19118029	4.62E-05	0.0046026	-0.11821
2w4w_SITTD	0.02775377	0.1630631	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.02836926	0.1668613	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.010379	0.05584338	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.0505796	0.3039213	5.83E-05	0.0052672	0.0043724
2w4w_SITTD	0.01417208	0.07925049	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.04390815	0.26275176	5.25E-05	0.0047605	-0.035266
2w4w_SITTD	0.02544478	0.14881432	4.38E-05	0.0049138	-0.10813
2w4w_SITTD	0.02626427	0.15387143	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.04777044	0.28658596	5.58E-05	0.0050083	-0.01192
2w4w_SITTD	0.02596402	0.15201855	4.40E-05	0.0048781	-0.11213
2w4w_SITTD	0.01581493	0.08938849	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.0219122	0.12701477	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.02189767	0.12692511	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.01171261	0.06407312	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.06519936	0.39413986	6.20E-05	0.0089013	0.15715
2w4w_SITTD	0.01048973	0.05652668	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.0306069	0.18066977	4.57E-05	0.0046464	-0.12245
2w4w_SITTD	0.02445344	0.14269677	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.01780423	0.10166451	4.06E-05	0.0056572	0.046584
2w4w_SITTD	0.01556073	0.08781987	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.02815412	0.1655337	4.48E-05	0.0047558	-0.12174
2w4w_SITTD	0.09661246	0.5879901	5.28E-05	0.0052469	-0.99133
2w4w_SITTD	0.02518924	0.14723739	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.0222464	0.12907717	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.02988023	0.17618552	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.09159355	0.5570184	4.96E-05	0.0076529	-0.60562
2w4w_SITTD	0.08835086	0.5370077	4.82E-05	0.0098057	-0.3415
2w4w_SITTD	0.02288544	0.13302064	4.30E-05	0.0050782	-0.077142
2w4w_SITTD	0.03459387	0.20527336	4.70E-05	0.0045688	-0.10426

2w4w_SITTD	0.01484529	0.08340485	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.01464988	0.08219899	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.0108207	0.05856911	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.09243137	0.56218857	4.99E-05	0.0073308	-0.69483
2w4w_SITTD	0.01639109	0.09294401	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.02899844	0.17074397	4.51E-05	0.0047064	-0.12268
2w4w_SITTD	0.00470637	0.02083759	3.35E-05	0.0081345	0.58516
2w4w_SITTD	0.02497572	0.14591977	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.01442893	0.08083551	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.02669451	0.15652642	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.02849653	0.16764668	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.05403302	0.32523236	6.10E-05	0.005694	0.030074
2w4w_SITTD	0.02494527	0.14573187	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.08506881	0.5167542	4.76E-05	0.012059	-0.10433
2w4w_SITTD	0.01169777	0.06398154	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.01778862	0.10156819	4.06E-05	0.0056572	0.046584
2w4w_SITTD	0.05214868	0.3136041	5.97E-05	0.0054628	0.014768
2w4w_SITTD	0.02841721	0.16715723	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.08051087	0.4886272	4.87E-05	0.014207	0.12269
2w4w_SITTD	0.00519177	0.02383298	3.38E-05	0.0079991	0.55892
2w4w_SITTD	0.01186726	0.06502746	3.74E-05	0.0065941	0.24064
2w4w_SITTD	0.06095916	0.3679736	6.38E-05	0.0072613	0.09374
2w4w_SITTD	0.07381591	0.44731262	5.38E-05	0.013116	0.24502
2w4w_SITTD	0.02509154	0.14663449	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.02179071	0.12626508	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.0761058	0.46144354	5.18E-05	0.013885	0.23393
2w4w_SITTD	0.02644393	0.15498006	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.03265419	0.19330359	4.64E-05	0.0045915	-0.11603
2w4w_SITTD	0.01313625	0.07285836	3.83E-05	0.0063061	0.19734
2w4w_SITTD	0.02018658	0.11636596	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.01446224	0.08104109	3.89E-05	0.0061278	0.1561
2w4w_SITTD	0.01786516	0.10204048	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.02984616	0.17597528	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.09173657	0.55790097	4.96E-05	0.0076529	-0.60562
2w4w_SITTD	0.03368277	0.19965096	4.68E-05	0.0045746	-0.11071
2w4w_SITTD	0.01746397	0.09956474	4.06E-05	0.0056572	0.046584
2w4w_SITTD	0.03236528	0.19152077	4.62E-05	0.0046026	-0.11821
2w4w_SITTD	0.00463584	0.02040234	3.35E-05	0.0081345	0.58516
2w4w_SITTD	0.00945726	0.05015534	3.62E-05	0.0070172	0.35661
2w4w_SITTD	0.03084218	0.18212171	4.57E-05	0.0046464	-0.12145
2w4w_SITTD	0.0206834	0.11943188	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.02849548	0.1676402	4.49E-05	0.0047302	-0.12174
2w4w_SITTD	0.05981133	0.3608903	6.37E-05	0.0069445	0.080679

2w4w_SITTD	0.04729227	0.28363523	5.53E-05	0.0049654	-0.01514
2w4w_SITTD	0.00784807	0.04022501	3.53E-05	0.0073641	0.43054
2w4w_SITTD	0.01141158	0.06221545	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.02782853	0.16352446	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.00828082	0.04289553	3.56E-05	0.0072456	0.40559
2w4w_SITTD	0.09153898	0.55668163	4.93E-05	0.0079874	-0.60562
2w4w_SITTD	0.01351643	0.07520445	3.83E-05	0.0063061	0.17645
2w4w_SITTD	0.09055958	0.5506378	4.91E-05	0.0083333	-0.51631
2w4w_SITTD	0.02906948	0.1711824	4.51E-05	0.0047064	-0.12268
2w4w_SITTD	0.03777963	0.22493272	4.84E-05	0.0045696	-0.084703
2w4w_SITTD	0.08199453	0.4977829	4.81E-05	0.013778	0.078055
2w4w_SITTD	0.03740581	0.22262584	4.84E-05	0.0045696	-0.084703
2w4w_SITTD	0.01500745	0.08440554	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.04741348	0.28438318	5.53E-05	0.0049654	-0.01514
2w4w_SITTD	0.08305466	0.5043249	4.78E-05	0.013315	0.02505
2w4w_SITTD	0.00897988	0.04720945	3.59E-05	0.00713	0.38094
2w4w_SITTD	0.02538407	0.1484397	4.38E-05	0.0049138	-0.10813
2w4w_SITTD	0.00639752	0.03127365	3.44E-05	0.0077366	0.50694
2w4w_SITTD	0.03002115	0.17705512	4.55E-05	0.0046645	-0.12301
2w4w_SITTD	0.04804794	0.28829846	5.58E-05	0.0050083	-0.01192
2w4w_SITTD	0.02265511	0.13159926	4.28E-05	0.005125	-0.068556
2w4w_SITTD	0.09076494	0.55190504	4.91E-05	0.0083333	-0.56091
2w4w_SITTD	0.01986234	0.1143651	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.01855615	0.10630461	4.11E-05	0.0055212	0.015459
2w4w_SITTD	0.01116332	0.06068344	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.0216986	0.12569664	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.01667469	0.09469409	4.00E-05	0.0058035	0.080526
2w4w_SITTD	0.09691633	0.58986527	5.28E-05	0.0052469	-1.03
2w4w_SITTD	0.05364647	0.32284698	6.10E-05	0.005694	0.026054
2w4w_SITTD	0.0828391	0.5029947	4.79E-05	0.013563	0.02505
2w4w_SITTD	0.02714174	0.1592863	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.01496001	0.08411279	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.0148548	0.08346356	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.02000191	0.1152264	4.16E-05	0.0053955	-0.025531
2w4w_SITTD	0.08831831	0.5368069	4.82E-05	0.0098057	-0.3415
2w4w_SITTD	0.01037809	0.05583775	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.08207775	0.4982964	4.81E-05	0.013778	0.078055
2w4w_SITTD	0.09429455	0.57368624	5.13E-05	0.0061762	-0.82618
2w4w_SITTD	0.00555892	0.02609868	3.41E-05	0.0078664	0.53284
2w4w_SITTD	0.00778886	0.03985962	3.53E-05	0.0073641	0.43054
2w4w_SITTD	0.0903903	0.54959315	4.88E-05	0.0086895	-0.51631
2w4w_SITTD	0.03084089	0.18211374	4.57E-05	0.0046464	-0.12145
2w4w_SITTD	0.02785692	0.16369964	4.48E-05	0.0047558	-0.12024

2w4w_SITTD	0.01153716	0.06299042	3.74E-05	0.0065941	0.263
2w4w_SITTD	0.0151759	0.08544504	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.02500135	0.1460779	4.38E-05	0.0049138	-0.10343
2w4w_SITTD	0.08608928	0.52305156	4.76E-05	0.0117	-0.17867
2w4w_SITTD	0.01003472	0.05371882	3.65E-05	0.0069072	0.33263
2w4w_SITTD	0.09824688	0.5980761	5.40E-05	0.0046955	-1.1032
2w4w_SITTD	0.00367125	0.01444987	3.29E-05	0.0084138	0.63801
2w4w_SITTD	0.05221849	0.31403494	5.97E-05	0.0054628	0.014768
2w4w_SITTD	0.01278552	0.070694	3.80E-05	0.0063994	0.21875
2w4w_SITTD	0.01131606	0.06162598	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.08503717	0.516559	4.76E-05	0.012404	-0.10433
2w4w_SITTD	0.00493835	0.02226914	3.38E-05	0.0079991	0.55892
2w4w_SITTD	0.08850131	0.5379362	4.82E-05	0.0098057	-0.3415
2w4w_SITTD	0.01821698	0.10421161	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.02725744	0.16000025	4.46E-05	0.0047834	-0.11816
2w4w_SITTD	0.0512311	0.3079417	5.87E-05	0.0053288	0.0077602
2w4w_SITTD	0.02212771	0.12834471	4.26E-05	0.0051742	-0.068556
2w4w_SITTD	0.04898218	0.29406363	5.68E-05	0.0051026	-0.0054808
2w4w_SITTD	0.03420851	0.20289534	4.70E-05	0.0045688	-0.10761
2w4w_SITTD	0.0873972	0.53112274	4.79E-05	0.010571	-0.25808
2w4w_SITTD	0.01859986	0.10657436	4.11E-05	0.0055212	0.015459
2w4w_SITTD	0.04033341	0.24069206	4.99E-05	0.0046177	-0.063007
2w4w_SITTD	0.00764242	0.03895598	3.53E-05	0.0073641	0.43054
2w4w_SITTD	0.01552623	0.08760695	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.01958785	0.11267123	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.02349639	0.13679081	4.32E-05	0.0050338	-0.084895
2w4w_SITTD	0.01368957	0.07627293	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.02040698	0.11772608	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.0204841	0.11820196	4.19E-05	0.0053364	-0.025531
2w4w_SITTD	0.02689007	0.15773322	4.44E-05	0.004813	-0.11546
2w4w_SITTD	0.0153011	0.08621765	3.95E-05	0.0059603	0.11709
2w4w_SITTD	0.00474011	0.02104583	3.35E-05	0.0081345	0.58516
2w4w_SITTD	0.01507182	0.08480277	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.01724253	0.09819822	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.01104139	0.05993098	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.07679163	0.46567577	5.13E-05	0.014025	0.22047
2w4w_SITTD	0.07239905	0.43856916	5.54E-05	0.012382	0.24373
2w4w_SITTD	0.02473008	0.14440393	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.01485136	0.08344235	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.01993816	0.11483295	4.16E-05	0.0053955	-0.012659
2w4w_SITTD	0.01483847	0.08336281	3.92E-05	0.0060428	0.1363
2w4w_SITTD	0.03725552	0.2216984	4.81E-05	0.0045652	-0.084703
2w4w_SITTD	0.01364389	0.07599101	3.86E-05	0.0062156	0.17645

2w4w_SITTD	0.11199218	0.68289834	6.34E-05	0.0038331	-1.3168
2w4w_SITTD	0.08428665	0.51192755	4.76E-05	0.012731	-0.069378
2w4w_SITTD	0.03089861	0.1824699	4.58E-05	0.00463	-0.12145
2w4w_SITTD	0.01375065	0.07664982	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.07363286	0.446183	5.43E-05	0.012883	0.24502
2w4w_SITTD	0.03318993	0.19660963	4.66E-05	0.0045822	-0.11352
2w4w_SITTD	0.02951763	0.1739479	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.01382728	0.07712272	3.86E-05	0.0062156	0.17645
2w4w_SITTD	0.01720494	0.09796628	4.03E-05	0.005729	0.063215
2w4w_SITTD	0.0278927	0.16392045	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.02442083	0.14249557	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.02060621	0.11895549	4.21E-05	0.0052798	-0.037579
2w4w_SITTD	0.07687943	0.4662176	5.13E-05	0.014025	0.22047
2w4w_SITTD	0.03748165	0.22309384	4.84E-05	0.0045696	-0.084703
2w4w_SITTD	0.03252987	0.19253643	4.64E-05	0.0045915	-0.11603
2w4w_SITTD	0.08329968	0.5058369	4.78E-05	0.013315	-0.0045591
2w4w_SITTD	0.03471384	0.20601366	4.72E-05	0.0045646	-0.10426
2w4w_SITTD	0.02544993	0.14884612	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.00452036	0.01968972	3.35E-05	0.0081345	0.58516
2w4w_SITTD	0.07875714	0.4778049	4.97E-05	0.014318	0.18889
2w4w_SITTD	0.09742162	0.59298337	5.32E-05	0.0050496	-1.0673
2w4w_SITTD	0.01073802	0.05805891	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.08728254	0.5304151	4.79E-05	0.010571	-0.25808
2w4w_SITTD	0.03871024	0.23067547	4.89E-05	0.0045836	-0.076088
2w4w_SITTD	0.01289136	0.07134719	3.80E-05	0.0063994	0.21875
2w4w_SITTD	0.00735191	0.03716319	3.50E-05	0.0074854	0.45576
2w4w_SITTD	0.09065083	0.55120087	4.91E-05	0.0083333	-0.51631
2w4w_SITTD	0.01235327	0.06802662	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.02608211	0.1527473	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.02487084	0.14527254	4.36E-05	0.0049516	-0.10343
2w4w_SITTD	0.04089274	0.24414371	5.02E-05	0.0046325	-0.058715
2w4w_SITTD	0.01124255	0.06117237	3.71E-05	0.0066957	0.2858
2w4w_SITTD	0.01214859	0.06676357	3.77E-05	0.0064954	0.24064
2w4w_SITTD	0.01912114	0.10979112	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.01792997	0.10244042	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.08623331	0.5239403	4.77E-05	0.01133	-0.17867
2w4w_SITTD	0.00677198	0.03358445	3.47E-05	0.0076096	0.48124
2w4w_SITTD	0.02641053	0.15477401	4.42E-05	0.0048445	-0.11213
2w4w_SITTD	0.01869886	0.10718527	4.11E-05	0.0055212	0.015459
2w4w_SITTD	0.01058423	0.05710985	3.68E-05	0.0068	0.30902
2w4w_SITTD	0.02949557	0.17381176	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.02766355	0.16250639	4.48E-05	0.0047558	-0.12024
2w4w_SITTD	0.01824657	0.10439418	4.09E-05	0.0055879	0.030658

2w4w_SITTD	0.01890267	0.10844299	4.11E-05	0.0055212	0.0010121
2w4w_SITTD	0.02375929	0.13841318	4.32E-05	0.0050338	-0.091842
2w4w_SITTD	0.02410007	0.14051615	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.02187861	0.12680748	4.26E-05	0.0051742	-0.059109
2w4w_SITTD	0.02217291	0.1286236	4.26E-05	0.0051742	-0.068556
2w4w_SITTD	0.03298725	0.19535892	4.64E-05	0.0045915	-0.11352
2w4w_SITTD	0.0678499	0.41049638	5.98E-05	0.010192	0.19812
2w4w_SITTD	0.07482022	0.4535102	5.28E-05	0.013537	0.24193
2w4w_SITTD	0.01243886	0.0685548	3.77E-05	0.0064954	0.21875
2w4w_SITTD	0.02426712	0.14154696	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.01590856	0.08996629	3.98E-05	0.0058806	0.098494
2w4w_SITTD	0.01836002	0.10509428	4.09E-05	0.0055879	0.015459
2w4w_SITTD	0.03829802	0.22813165	4.87E-05	0.0045758	-0.080425
2w4w_SITTD	0.0822054	0.49908414	4.81E-05	0.013778	0.05262
2w4w_SITTD	0.01833664	0.10494998	4.09E-05	0.0055879	0.030658
2w4w_SITTD	0.0135103	0.07516664	3.83E-05	0.0063061	0.17645
2w4w_SITTD	0.01916957	0.11009	4.14E-05	0.0054571	0.0010121
2w4w_SITTD	0.07762655	0.47082806	5.05E-05	0.014229	0.21153
2w4w_SITTD	0.02365042	0.13774136	4.32E-05	0.0050338	-0.084895
2w4w_SITTD	0.02404381	0.14016898	4.34E-05	0.0049916	-0.091842
2w4w_SITTD	0.08553162	0.5196102	4.76E-05	0.012059	-0.14081
2w4w_SITTD	0.0453416	0.27159762	5.34E-05	0.0048194	-0.028317
2w4w_SITTD	0.02584585	0.15128936	4.40E-05	0.0048781	-0.10813
2w4w_SITTD	0.02936616	0.1730132	4.53E-05	0.0046846	-0.1231
2w4w_SITTD	0.0883731	0.53714496	4.82E-05	0.0098057	-0.3415
2w4w_SITTD	0.08763811	0.53260934	4.79E-05	0.010571	-0.29935
2w4w_SITTD	0.02471083	0.14428514	4.36E-05	0.0049516	-0.098011
2w4w_SITTD	0.05583697	0.33636454	6.24E-05	0.0060668	0.043089
2w4w_SITTD	0.01907235	0.10949007	4.14E-05	0.0054571	0.0010121
2w4w_SITTE	0.03496033	0.20753482	4.72E-05	0.0045646	-0.10426
2w4w_SITTE	0.08608833	0.52304566	4.76E-05	0.0117	-0.17867
2w4w_SITTE	0.08926656	0.54265857	4.84E-05	0.0094274	-0.42792
2w4w_SITTE	0.01711494	0.09741086	4.03E-05	0.005729	0.063215
2w4w_SITTE	0.01997961	0.11508875	4.16E-05	0.0053955	-0.025531
2w4w_SITTE	0.02497632	0.1459235	4.38E-05	0.0049138	-0.10343
2w4w_SITTE	0.00625938	0.03042122	3.44E-05	0.0077366	0.50694
2w4w_SITTE	0.02708813	0.15895543	4.46E-05	0.0047834	-0.11816
2w4w_SITTE	0.0151999	0.08559319	3.95E-05	0.0059603	0.11709
2w4w_SITTE	0.09579238	0.5829294	5.20E-05	0.0056833	-0.9515
2w4w_SITTE	0.03230088	0.19112332	4.62E-05	0.0046026	-0.11821
2w4w_SITTE	0.09077987	0.5519972	4.91E-05	0.0083333	-0.56091
2w4w_SITTE	0.08358668	0.507608	4.77E-05	0.013036	-0.0045591
2w4w_SITTE	0.00771098	0.03937906	3.53E-05	0.0073641	0.43054

2w4w_SITTE ^z	0.06022188	0.36342385	6.38E-05	0.0070986	0.087064
2w4w_SITTE ^z	0.03222454	0.19065222	4.62E-05	0.0046026	-0.11821
2w4w_SITTE ^z	0.04264439	0.25495312	5.13E-05	0.0046879	-0.04643
2w4w_SITTE ^z	0.02645214	0.15503077	4.42E-05	0.0048445	-0.11546
2w4w_SITTE ^z	0.02327492	0.13542415	4.30E-05	0.0050782	-0.084895
2w4w_SITTE ^z	0.09935407	0.6049085	5.49E-05	0.0043938	-1.1701
2w4w_SITTE ^z	0.00853769	0.04448066	3.56E-05	0.0072456	0.40559
2w4w_SITTE ^z	0.03554104	0.21111833	4.74E-05	0.0045622	-0.10068
2w4w_SITTE ^z	0.04585277	0.27475202	5.39E-05	0.0048522	-0.024952
2w4w_SITTE ^z	0.02317956	0.13483569	4.30E-05	0.0050782	-0.077142
2w4w_SITTE ^z	0.01634394	0.09265305	4.00E-05	0.0058035	0.080526
2w4w_SITTE ^z	0.0113931	0.06210142	3.74E-05	0.0065941	0.263
2w4w_SITTE ^z	0.03758452	0.22372867	4.84E-05	0.0045696	-0.084703
2w4w_SITTE ^z	0.02505842	0.14643013	4.38E-05	0.0049138	-0.10343
2w4w_SITTE ^z	0.03530183	0.20964222	4.74E-05	0.0045622	-0.10068
2w4w_SITTE ^z	0.02028815	0.11699279	4.19E-05	0.0053364	-0.025531
2w4w_SITTE ^z	0.02248224	0.1305325	4.28E-05	0.005125	-0.068556
2w4w_SITTE ^z	0.01409881	0.07879836	3.89E-05	0.0061278	0.1561
2w4w_SITTE ^z	0.09303729	0.5659277	5.02E-05	0.0070215	-0.73907
2w4w_SITTE ^z	0.03531683	0.20973477	4.74E-05	0.0045622	-0.10068
2w4w_SITTE ^z	0.08080384	0.49043512	4.85E-05	0.0141	0.12269
2w4w_SITTE ^z	0.03372633	0.19991976	4.68E-05	0.0045746	-0.11071
2w4w_SITTE ^z	0.02022734	0.11661748	4.19E-05	0.0053364	-0.025531
2w4w_SITTE ^z	0.01965693	0.1130975	4.16E-05	0.0053955	-0.012659
2w4w_SITTE ^z	0.01151248	0.06283808	3.74E-05	0.0065941	0.263
2w4w_SITTE ^z	0.02444594	0.1426505	4.36E-05	0.0049516	-0.098011
2w4w_SITTE ^z	0.07674655	0.46539754	5.13E-05	0.014025	0.22047
2w4w_SITTE ^z	0.02648447	0.15523024	4.42E-05	0.0048445	-0.11546
2w4w_SITTE ^z	0.01204419	0.06611926	3.77E-05	0.0064954	0.24064
2w4w_SITTE ^z	0.06552584	0.39615455	6.20E-05	0.0089013	0.16566
2w4w_SITTE ^z	0.03304624	0.19572297	4.66E-05	0.0045822	-0.11352
2w4w_SITTE ^z	0.05367923	0.32304916	6.10E-05	0.005694	0.026054
2w4w_SITTE ^z	0.1013862	0.61744887	5.66E-05	0.0039398	-1.2808
2w4w_SITTE ^z	0.0222093	0.12884821	4.28E-05	0.005125	-0.068556
2w4w_SITTE ^z	0.06790023	0.4108069	5.98E-05	0.010192	0.19812
2w4w_SITTE ^z	0.01482345	0.08327008	3.92E-05	0.0060428	0.1363
2w4w_SITTE ^z	0.02774642	0.16301776	4.48E-05	0.0047558	-0.12024
2w4w_SITTE ^z	0.0911522	0.5542948	4.93E-05	0.0079874	-0.56091
2w4w_SITTE ^z	0.0735082	0.44541368	5.43E-05	0.012883	0.24502
2w4w_SITTE ^z	0.08239906	0.50027925	4.79E-05	0.013563	0.05262
2w4w_SITTE ^z	0.00878297	0.0459943	3.59E-05	0.00713	0.38094
2w4w_SITTE ^z	0.05445249	0.32782093	6.14E-05	0.0057798	0.030074
2w4w_SITTE ^z	0.03998294	0.23852932	4.95E-05	0.0046046	-0.063007

2w4w_SITTE ^Δ	0.03011766	0.17765066	4.55E-05	0.0046645	-0.12301
2w4w_SITTE ^Δ	0.02339659	0.13617498	4.32E-05	0.0050338	-0.084895
2w4w_SITTE ^Δ	0.0936289	0.5695785	5.06E-05	0.0067258	-0.7829
2w4w_SITTE ^Δ	0.01215084	0.06677739	3.77E-05	0.0064954	0.24064
2w4w_SITTE ^Δ	0.02204293	0.1278215	4.26E-05	0.0051742	-0.059109
2w4w_SITTE ^Δ	0.02213386	0.12838267	4.26E-05	0.0051742	-0.068556
2w4w_SITTE ^Δ	0.09413058	0.57267445	5.09E-05	0.0064439	-0.82618
2w4w_SITTE ^Δ	0.02966322	0.17484637	4.53E-05	0.0046846	-0.1231
2w4w_SITTE ^Δ	0.09652409	0.5874448	5.28E-05	0.0052469	-0.99133
2w4w_SITTE ^Δ	0.01894133	0.10868157	4.11E-05	0.0055212	0.0010121
2w4w_SITTE ^Δ	0.03360212	0.19915324	4.68E-05	0.0045746	-0.11071
2w4w_SITTE ^Δ	0.05177397	0.31129178	5.92E-05	0.0053939	0.011221
2w4w_SITTE ^Δ	0.01537279	0.08666004	3.95E-05	0.0059603	0.11709
2w4w_SITTE ^Δ	0.03287499	0.19466619	4.64E-05	0.0045915	-0.11603
2w4w_SITTE ^Δ	0.03348534	0.19843262	4.66E-05	0.0045822	-0.11071
2w4w_SITTE ^Δ	0.00917655	0.04842308	3.59E-05	0.00713	0.35661
2w4w_SITTE ^Δ	0.06737725	0.4075796	6.03E-05	0.009922	0.19037
2w4w_SITTE ^Δ	0.01661595	0.0943316	4.00E-05	0.0058035	0.080526
2w4w_SITTE ^Δ	0.02877697	0.16937728	4.51E-05	0.0047064	-0.12268
2w4w_SITTE ^Δ	0.02953669	0.17406555	4.53E-05	0.0046846	-0.1231
2w4w_SITTE ^Δ	0.08289088	0.5033142	4.79E-05	0.013563	0.02505
2w4w_SITTE ^Δ	0.0330482	0.19573504	4.66E-05	0.0045822	-0.11352
2w4w_SITTE ^Δ	0.0800471	0.48576528	4.90E-05	0.014278	0.14202
2w4w_SITTE ^Δ	0.02677604	0.15702955	4.44E-05	0.004813	-0.11546
2w4w_SITTE ^Δ	0.01861307	0.10665586	4.11E-05	0.0055212	0.015459
2w4w_SITTE ^Δ	0.01853047	0.10614614	4.11E-05	0.0055212	0.015459
2w4w_SITTE ^Δ	0.012521	0.06906165	3.80E-05	0.0063994	0.21875
2w4w_SITTE ^Δ	0.01171513	0.06408864	3.74E-05	0.0065941	0.263
2w4w_SITTE ^Δ	0.01860152	0.10658457	4.11E-05	0.0055212	0.015459
2w4w_SITTE ^Δ	0.01093809	0.05929354	3.71E-05	0.0066957	0.2858
2w4w_SITTE ^Δ	0.01888911	0.10835927	4.11E-05	0.0055212	0.0010121
2w4w_SITTE ^Δ	0.00461707	0.02028651	3.35E-05	0.0081345	0.58516
2w4w_SITTE ^Δ	0.02350895	0.13686831	4.32E-05	0.0050338	-0.084895
2w4w_SITTE ^Δ	0.01913853	0.10989845	4.14E-05	0.0054571	0.0010121
2w4w_SITTE ^Δ	0.02080307	0.12017035	4.21E-05	0.0052798	-0.037579
2w4w_SITTE ^Δ	0.00985135	0.05258724	3.65E-05	0.0069072	0.33263
2w4w_SITTE ^Δ	0.03340331	0.19792643	4.66E-05	0.0045822	-0.11352
2w4w_SITTE ^Δ	0.01066376	0.05760064	3.68E-05	0.0068	0.30902
2w4w_SITTE ^Δ	0.01776867	0.10144504	4.06E-05	0.0056572	0.046584
2w4w_SITTE ^Δ	0.02271145	0.13194695	4.28E-05	0.005125	-0.077142
2w4w_SITTE ^Δ	0.01363334	0.07592595	3.86E-05	0.0062156	0.17645
2w4w_SITTE ^Δ	0.02973705	0.17530197	4.53E-05	0.0046846	-0.12301
2w4w_SITTE ^Δ	0.01632055	0.0925087	4.00E-05	0.0058035	0.080526

2w4w_SITTE	0.02496832	0.14587413	4.38E-05	0.0049138	-0.10343
2w4w_SITTE	0.07730854	0.46886563	5.09E-05	0.014141	0.21153
2w4w_SITTE	0.0310928	0.18366826	4.58E-05	0.00463	-0.12145
2w4w_SITTE	0.09130424	0.55523306	4.93E-05	0.0079874	-0.60562
2w4w_SITTE	0.01798865	0.10280252	4.09E-05	0.0055879	0.030658
2w4w_SITTE	0.03455381	0.20502616	4.70E-05	0.0045688	-0.10426
2w4w_SITTE	0.00821593	0.04249509	3.56E-05	0.0072456	0.40559
2w4w_SITTE	0.02462114	0.14373164	4.36E-05	0.0049516	-0.098011
2w4w_SITTE	0.02096862	0.12119197	4.21E-05	0.0052798	-0.037579
2w4w_SITTE	0.02535737	0.14827491	4.38E-05	0.0049138	-0.10343
2w4w_SITTE	0.04862674	0.29187024	5.63E-05	0.005054	-0.0054808
2w4w_SITTE	0.00922009	0.04869174	3.62E-05	0.0070172	0.35661
2w4w_SITTE	0.01472669	0.08267301	3.92E-05	0.0060428	0.1363
2w4w_SITTE	0.07844012	0.47584856	5.01E-05	0.014289	0.18889
2w4w_SITTE	0.01402661	0.07835276	3.86E-05	0.0062156	0.1561
2w4w_SITTE	0.01418687	0.07934175	3.89E-05	0.0061278	0.1561
2w4w_SITTE	0.03246217	0.19211864	4.62E-05	0.0046026	-0.11603
2w4w_SITTE	0.04898085	0.29405546	5.68E-05	0.0051026	-0.0054808
2w4w_SITTE	0.00933459	0.04939831	3.62E-05	0.0070172	0.35661
2w4w_SITTE	0.01308549	0.07254512	3.83E-05	0.0063061	0.19734
7w11w_SITTE	0.01203591	0.06606821	3.77E-05	0.0064954	0.24064
7w11w_SITTE	0.03168427	0.18731822	4.60E-05	0.0046154	-0.12002
7w11w_SITTE	0.03130173	0.18495758	4.58E-05	0.00463	-0.12145
7w11w_SITTE	0.01360372	0.07574314	3.86E-05	0.0062156	0.17645
7w11w_SITTE	0.01564638	0.0883484	3.95E-05	0.0059603	0.098494
7w11w_SITTE	0.025451	0.14885272	4.40E-05	0.0048781	-0.10813
7w11w_SITTE	0.02215753	0.12852873	4.26E-05	0.0051742	-0.068556
7w11w_SITTE	0.02029678	0.11704601	4.19E-05	0.0053364	-0.025531
7w11w_SITTE	0.01142789	0.06231611	3.74E-05	0.0065941	0.263
7w11w_SITTE	0.01209309	0.06642101	3.77E-05	0.0064954	0.24064
7w11w_SITTE	0.09657314	0.5877474	5.28E-05	0.0052469	-0.99133
7w11w_SITTE	0.05887221	0.35509503	6.35E-05	0.0066597	0.074574
7w11w_SITTE	0.0159912	0.0904763	3.98E-05	0.0058806	0.098494
7w11w_SITTE	0.03357556	0.19898936	4.66E-05	0.0045822	-0.11071
7w11w_SITTE	0.05526759	0.3328509	6.21E-05	0.005966	0.038579
7w11w_SITTE	0.02696963	0.15822418	4.44E-05	0.004813	-0.11546
7w11w_SITTE	0.01876106	0.10756911	4.11E-05	0.0055212	0.015459
7w11w_SITTE	0.06017589	0.36314002	6.38E-05	0.0070986	0.087064
7w11w_SITTE	0.00708635	0.03552447	3.50E-05	0.0074854	0.45576
7w11w_SITTE	0.02232523	0.12956357	4.28E-05	0.005125	-0.068556
7w11w_SITTE	0.01564921	0.08836589	3.95E-05	0.0059603	0.098494
7w11w_SITTE	0.06824808	0.4129535	5.98E-05	0.010192	0.20551
7w11w_SITTE	0.03101822	0.18320803	4.58E-05	0.00463	-0.12145

7w11w_SITTC	0.02088684	0.12068726	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.04028542	0.24039592	4.99E-05	0.0046177	-0.063007
7w11w_SITTC	0.01248717	0.06885292	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.02336224	0.13596301	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.07224683	0.4376298	5.54E-05	0.012382	0.24161
7w11w_SITTC	0.02353512	0.13702984	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.02182392	0.12647003	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01375344	0.07666706	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.09008181	0.54768944	4.88E-05	0.0086895	-0.47194
7w11w_SITTC	0.01882987	0.10799373	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02934362	0.17287406	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.01337826	0.07435182	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01951001	0.11219088	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01295602	0.07174621	3.80E-05	0.0063994	0.19734
7w11w_SITTC	0.03815412	0.22724368	4.87E-05	0.0045758	-0.080425
7w11w_SITTC	0.09067104	0.55132556	4.91E-05	0.0083333	-0.51631
7w11w_SITTC	0.06598711	0.39900106	6.16E-05	0.0091463	0.17407
7w11w_SITTC	0.03242319	0.1918781	4.62E-05	0.0046026	-0.11603
7w11w_SITTC	0.05936058	0.35810873	6.37E-05	0.0067983	0.074574
7w11w_SITTC	0.03093339	0.18268457	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.02360693	0.13747294	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.02239735	0.13000862	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02589964	0.1516213	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.0242978	0.14173631	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.08122635	0.4930424	4.85E-05	0.0141	0.10139
7w11w_SITTC	0.0141382	0.07904143	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.09866876	0.6006795	5.45E-05	0.0045382	-1.1375
7w11w_SITTC	0.00657078	0.03234289	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.02144035	0.124103	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.02192477	0.12709236	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.03164924	0.1871021	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.01512265	0.08511642	3.92E-05	0.0060428	0.11709
7w11w_SITTC	0.01794827	0.10255335	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01622095	0.09189409	3.98E-05	0.0058806	0.080526
7w11w_SITTC	0.03410402	0.2022505	4.68E-05	0.0045746	-0.10761
7w11w_SITTC	0.01555525	0.08778601	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01586287	0.08968433	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02945424	0.17355673	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.03649677	0.21701616	4.79E-05	0.0045625	-0.092976
7w11w_SITTC	0.03095502	0.18281801	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.03268648	0.1935029	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.01806015	0.10324379	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01638126	0.09288336	4.00E-05	0.0058035	0.080526

7w11w_SITTC	0.08517169	0.5173891	4.76E-05	0.012059	-0.10433
7w11w_SITTC	0.07779352	0.47185844	5.05E-05	0.014229	0.20103
7w11w_SITTC	0.03081605	0.18196048	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.02902496	0.1709076	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.02468879	0.14414911	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.0286398	0.16853082	4.49E-05	0.0047302	-0.12268
7w11w_SITTC	0.07090598	0.42935544	5.71E-05	0.011574	0.23476
7w11w_SITTC	0.03216407	0.19027908	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.02581934	0.15112577	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.02363721	0.13765985	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.01978185	0.11386839	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.0376127	0.22390254	4.84E-05	0.0045696	-0.084703
7w11w_SITTC	0.02200518	0.12758854	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.03311055	0.1961198	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.03821948	0.22764699	4.87E-05	0.0045758	-0.080425
7w11w_SITTC	0.03687019	0.21932057	4.81E-05	0.0045652	-0.088896
7w11w_SITTC	0.09179553	0.5582648	4.96E-05	0.0076529	-0.60562
7w11w_SITTC	0.06637744	0.40140978	6.12E-05	0.0093985	0.17407
7w11w_SITTC	0.01338013	0.07436336	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.02582697	0.1511728	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.02610622	0.15289609	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.08775824	0.5333507	4.79E-05	0.010571	-0.29935
7w11w_SITTC	0.01446537	0.08106037	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.02004261	0.11547756	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02173439	0.12591752	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01881724	0.1079158	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.09149443	0.55640674	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.02230865	0.12946127	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01780892	0.10169345	4.06E-05	0.0056572	0.030658
7w11w_SITTC	0.01953369	0.11233699	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02157434	0.12492985	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.02124939	0.12292457	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01297329	0.07185274	3.80E-05	0.0063994	0.19734
7w11w_SITTC	0.09002146	0.547317	4.88E-05	0.0086895	-0.47194
7w11w_SITTC	0.02525409	0.14763762	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.09236772	0.56179583	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.05447572	0.32796428	6.14E-05	0.0057798	0.030074
7w11w_SITTC	0.02947391	0.17367813	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.09354458	0.5690582	5.06E-05	0.0067258	-0.7829
7w11w_SITTC	0.01780648	0.10167838	4.06E-05	0.0056572	0.030658
7w11w_SITTC	0.02735412	0.16059685	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.03180551	0.18806642	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.0725917	0.439758	5.54E-05	0.012382	0.24373

7w11w_SITTC	0.01856893	0.10638344	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01471664	0.08261097	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.00688692	0.03429378	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.0161481	0.09144452	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.0259692	0.15205054	4.40E-05	0.0048781	-0.11213
7w11w_SITTC	0.01863678	0.10680214	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02095439	0.12110414	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.09968799	0.6069692	5.49E-05	0.0043938	-1.2008
7w11w_SITTC	0.07201772	0.43621597	5.60E-05	0.012118	0.24161
7w11w_SITTC	0.02698941	0.15834624	4.44E-05	0.004813	-0.11816
7w11w_SITTC	0.03225665	0.1908504	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.03503791	0.2080135	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.01255318	0.06926028	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01637743	0.09285973	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01283441	0.07099573	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01476571	0.08291379	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.08698626	0.5285868	4.78E-05	0.010952	-0.25808
7w11w_SITTC	0.01936899	0.11132062	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.02667097	0.15638117	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.02603192	0.15243757	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.03411706	0.20233096	4.68E-05	0.0045746	-0.10761
7w11w_SITTC	0.02173231	0.12590466	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.09366173	0.5697811	5.06E-05	0.0067258	-0.7829
7w11w_SITTC	0.01581578	0.08939375	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02728649	0.16017956	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01365982	0.07608934	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01370447	0.07636488	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.07843877	0.4758403	5.01E-05	0.014289	0.18889
7w11w_SITTC	0.00958929	0.05097009	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.10048486	0.6118866	5.58E-05	0.0041426	-1.2563
7w11w_SITTC	0.01001491	0.05359661	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.02572878	0.1505669	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.00657555	0.03237231	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.06744264	0.40798315	6.03E-05	0.009922	0.19037
7w11w_SITTC	0.04957272	0.29770786	5.73E-05	0.0051543	-0.0022352
7w11w_SITTC	0.10006856	0.6093177	5.53E-05	0.004262	-1.2296
7w11w_SITTC	0.02480107	0.14484201	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01819197	0.10405722	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.00497534	0.02249741	3.38E-05	0.0079991	0.55892
7w11w_SITTC	0.01917009	0.11009321	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.02779215	0.16329996	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.0892155	0.54234344	4.84E-05	0.0094274	-0.42792
7w11w_SITTC	0.0367619	0.2186523	4.79E-05	0.0045625	-0.088896

7w11w_SITTC	0.02311224	0.13442022	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.01258274	0.06944265	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.08007374	0.48592964	4.90E-05	0.014278	0.14202
7w11w_SITTC	0.01532204	0.08634691	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.03044547	0.17967358	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.01506682	0.08477195	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.03142491	0.18571773	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.0153191	0.08632878	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.04167794	0.24898915	5.05E-05	0.0046492	-0.0504
7w11w_SITTC	0.08963914	0.54495776	4.86E-05	0.0090548	-0.42792
7w11w_SITTC	0.02223352	0.12899768	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01815978	0.10385862	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.03735926	0.22233859	4.81E-05	0.0045652	-0.084703
7w11w_SITTC	0.03517635	0.20886785	4.72E-05	0.0045646	-0.10068
7w11w_SITTC	0.08077693	0.49026906	4.85E-05	0.0141	0.12269
7w11w_SITTC	0.10139548	0.6175061	5.66E-05	0.0039398	-1.2808
7w11w_SITTC	0.01294331	0.07166778	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.02645733	0.15506276	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.02023591	0.11667037	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.09213649	0.56036884	4.99E-05	0.0073308	-0.6503
7w11w_SITTC	0.03320402	0.19669662	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.02067208	0.11936197	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.03096268	0.1828653	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.02094631	0.12105427	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02693127	0.15798746	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.02342294	0.13633755	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.03131573	0.18504398	4.58E-05	0.00463	-0.12002
7w11w_SITTC	0.02781822	0.16346085	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.01838717	0.10526183	4.09E-05	0.0055879	0.015459
7w11w_SITTC	0.02341153	0.13626717	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.00679668	0.0337369	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.02143781	0.12408735	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.02458635	0.14351697	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01838914	0.10527395	4.09E-05	0.0055879	0.015459
7w11w_SITTC	0.02534917	0.14822435	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01978212	0.11387008	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02911778	0.1714804	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.03444037	0.20432611	4.70E-05	0.0045688	-0.10761
7w11w_SITTC	0.07621784	0.4621349	5.18E-05	0.013885	0.22792
7w11w_SITTC	0.0203321	0.11726397	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.00877048	0.04591722	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.04601154	0.27573183	5.39E-05	0.0048522	-0.021643
7w11w_SITTC	0.02247575	0.13049243	4.28E-05	0.005125	-0.068556

7w11w_SITTC	0.05725263	0.34510058	6.30E-05	0.0062853	0.057806
7w11w_SITTC	0.06465295	0.39076796	6.24E-05	0.0086643	0.14863
7w11w_SITTC	0.02166689	0.12550099	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01656407	0.09401146	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02749601	0.16147247	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01782899	0.10181728	4.06E-05	0.0056572	0.030658
7w11w_SITTC	0.03081462	0.1819516	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.0165243	0.09376602	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01630605	0.09241922	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02097918	0.12125713	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.04629302	0.27746883	5.44E-05	0.0048874	-0.021643
7w11w_SITTC	0.00878225	0.04598984	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.0290661	0.17116153	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.01293241	0.07160051	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01882722	0.10797734	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01304168	0.07227477	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.00940548	0.04983582	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.03222251	0.19063972	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.01854114	0.10621195	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01320091	0.07325739	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.03675496	0.21860942	4.79E-05	0.0045625	-0.088896
7w11w_SITTC	0.08120258	0.49289575	4.85E-05	0.0141	0.10139
7w11w_SITTC	0.02898539	0.17066345	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.07600787	0.46083915	5.18E-05	0.013885	0.23393
7w11w_SITTC	0.01637856	0.09286667	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02606878	0.15266505	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.09094105	0.5529918	4.91E-05	0.0083333	-0.56091
7w11w_SITTC	0.00615902	0.02980187	3.44E-05	0.0077366	0.50694
7w11w_SITTC	0.02435111	0.14206533	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.03287374	0.19465843	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.0196231	0.11288872	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01334414	0.07414129	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.07809266	0.47370446	5.01E-05	0.014289	0.20103
7w11w_SITTC	0.02415763	0.14087136	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.01022578	0.05489788	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.02005656	0.11556363	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01342921	0.07466622	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.02689829	0.15778394	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.0320685	0.1896893	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.02898112	0.1706371	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.02958807	0.1743826	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.02191169	0.12701161	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02263479	0.13147391	4.28E-05	0.005125	-0.068556

7w11w_SITTC	0.07055453	0.42718658	5.71E-05	0.011574	0.23016
7w11w_SITTC	0.01684285	0.09573183	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01548489	0.08735185	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01649562	0.09358904	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.04948557	0.29717007	5.73E-05	0.0051543	-0.0022352
7w11w_SITTC	0.01636145	0.09276111	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.09665835	0.5882733	5.28E-05	0.0052469	-0.99133
7w11w_SITTC	0.02503613	0.14629255	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.08436441	0.51240736	4.76E-05	0.012731	-0.069378
7w11w_SITTC	0.02091431	0.12085678	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.0845698	0.5136748	4.76E-05	0.012404	-0.069378
7w11w_SITTC	0.08880702	0.5398227	4.82E-05	0.0098057	-0.3844
7w11w_SITTC	0.01175089	0.06430934	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01032069	0.05548359	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01213217	0.06666221	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.0318221	0.18816881	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.06912427	0.41836047	5.87E-05	0.010741	0.21895
7w11w_SITTC	0.01528105	0.08609394	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01575697	0.08903088	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.03271436	0.19367489	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.08494646	0.5159992	4.76E-05	0.012404	-0.10433
7w11w_SITTC	0.02025715	0.11680146	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.08064299	0.48944253	4.87E-05	0.014207	0.12269
7w11w_SITTC	0.01439669	0.08063653	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.01932201	0.11103073	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01371456	0.07642712	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01697746	0.0965625	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01201812	0.06595839	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01398447	0.07809275	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.08416567	0.51118094	4.76E-05	0.012731	-0.036078
7w11w_SITTC	0.01143843	0.06238115	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01886789	0.10822836	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02103148	0.12157989	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.0143803	0.08053541	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.01665574	0.09457713	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.08375046	0.5086187	4.77E-05	0.013036	-0.036078
7w11w_SITTC	0.01634773	0.09267641	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01942848	0.11168777	4.14E-05	0.0054571	-0.012659
7w11w_SITTC	0.01152669	0.06292577	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01902635	0.10920619	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.02083514	0.12036821	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.07800655	0.47317305	5.05E-05	0.014229	0.20103
7w11w_SITTC	0.01716278	0.09770611	4.03E-05	0.005729	0.063215

7w11w_SITTC	0.01692998	0.09626946	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02464796	0.14389713	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.03195649	0.1889981	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.01796082	0.10263084	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.00853638	0.04447256	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02636185	0.15447356	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.01986787	0.1143992	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.0161666	0.09155865	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02714117	0.15928274	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.0871949	0.5298743	4.78E-05	0.010952	-0.25808
7w11w_SITTC	0.07932601	0.48131543	4.93E-05	0.014315	0.17506
7w11w_SITTC	0.06307946	0.38105798	6.33E-05	0.0080056	0.12359
7w11w_SITTC	0.01436077	0.08041489	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.04646692	0.27854198	5.44E-05	0.0048874	-0.018376
7w11w_SITTC	0.02637655	0.1545643	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.01402434	0.07833882	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.00832868	0.04319085	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02193312	0.12714386	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.07758857	0.47059366	5.05E-05	0.014229	0.21153
7w11w_SITTC	0.02829749	0.16641839	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.07167585	0.4341063	5.60E-05	0.012118	0.2386
7w11w_SITTC	0.03086274	0.18224858	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.01356221	0.075487	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02022899	0.11662769	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.07809562	0.4737227	5.01E-05	0.014289	0.20103
7w11w_SITTC	0.03727935	0.22184548	4.81E-05	0.0045652	-0.084703
7w11w_SITTC	0.02226751	0.12920737	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02800005	0.16458292	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.03941532	0.23502651	4.92E-05	0.0045932	-0.067351
7w11w_SITTC	0.02612993	0.1530424	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.07672966	0.46529338	5.13E-05	0.014025	0.22047
7w11w_SITTC	0.06556773	0.3964131	6.16E-05	0.0091463	0.16566
7w11w_SITTC	0.01852614	0.10611939	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01917713	0.11013666	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.03077678	0.18171811	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.0217759	0.12617369	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.0122179	0.06719124	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01641803	0.09311024	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01990327	0.11461769	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02002117	0.11534522	4.16E-05	0.0053955	-0.025531
7w11w_SITTC	0.01346491	0.07488655	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.03982676	0.23756555	4.95E-05	0.0046046	-0.067351
7w11w_SITTC	0.01230543	0.06773142	3.77E-05	0.0064954	0.24064

7w11w_SITTC	0.02203758	0.12778853	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02283184	0.13268991	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.01407539	0.07865383	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.03605026	0.21426077	4.77E-05	0.0045615	-0.096915
7w11w_SITTC	0.00873925	0.04572451	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.03842901	0.22894002	4.87E-05	0.0045758	-0.076088
7w11w_SITTC	0.03163572	0.18701862	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.02160976	0.1251484	4.24E-05	0.0052258	-0.059109
7w11w_SITTC	0.01519342	0.0855532	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01684122	0.09572177	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01697099	0.09652256	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02151136	0.12454118	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.06020818	0.36333928	6.38E-05	0.0070986	0.087064
7w11w_SITTC	0.06458547	0.39035153	6.24E-05	0.0086643	0.14863
7w11w_SITTC	0.01713389	0.09752783	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01889641	0.10840431	4.11E-05	0.0055212	0.0010121
7w11w_SITTC	0.08998203	0.5470737	4.88E-05	0.0086895	-0.47194
7w11w_SITTC	0.02182002	0.12644593	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.06596361	0.39885604	6.16E-05	0.0091463	0.17407
7w11w_SITTC	0.02890021	0.1701378	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.01265245	0.06987282	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01483718	0.08335485	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.02279956	0.13249066	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.00543942	0.02536121	3.41E-05	0.0078664	0.53284
7w11w_SITTC	0.0883261	0.536855	4.82E-05	0.0098057	-0.3415
7w11w_SITTC	0.0409191	0.24430634	5.02E-05	0.0046325	-0.058715
7w11w_SITTC	0.09293527	0.56529814	5.02E-05	0.0070215	-0.73907
7w11w_SITTC	0.02344565	0.13647768	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.02845488	0.16738966	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.02305173	0.13404684	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.01992983	0.11478155	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02320193	0.1349737	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.03750362	0.22322945	4.84E-05	0.0045696	-0.084703
7w11w_SITTC	0.02181673	0.12642564	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02175198	0.1260261	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.07454808	0.45183083	5.33E-05	0.013335	0.24193
7w11w_SITTC	0.02229032	0.12934816	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.0840776	0.51063746	4.76E-05	0.012731	-0.036078
7w11w_SITTC	0.01630824	0.09243272	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02945768	0.17357795	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.03460688	0.20535366	4.70E-05	0.0045688	-0.10426
7w11w_SITTC	0.02253603	0.13086446	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.09429929	0.57371557	5.13E-05	0.0061762	-0.82618

7w11w_SITTC	0.04484381	0.26852575	5.30E-05	0.0047888	-0.028317
7w11w_SITTC	0.0203856	0.11759414	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.0244871	0.1429045	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02111532	0.12209722	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.09795845	0.5962962	5.36E-05	0.0048658	-1.1032
7w11w_SITTC	0.02614126	0.1531123	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.00792551	0.04070289	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.03075399	0.18157749	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.00829709	0.04299594	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02591371	0.15170813	4.40E-05	0.0048781	-0.11213
7w11w_SITTC	0.01832076	0.10485203	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.02349029	0.13675319	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.09458803	0.5754973	5.13E-05	0.0061762	-0.8688
7w11w_SITTC	0.02803562	0.16480242	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.09290002	0.56508064	5.02E-05	0.0070215	-0.73907
7w11w_SITTC	0.02776675	0.16314323	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.0183633	0.10511454	4.09E-05	0.0055879	0.015459
7w11w_SITTC	0.02366096	0.13780637	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.07241014	0.4386376	5.54E-05	0.012382	0.24373
7w11w_SITTC	0.0492673	0.2958231	5.68E-05	0.0051026	-0.0022352
7w11w_SITTC	0.04154933	0.24819553	5.05E-05	0.0046492	-0.054504
7w11w_SITTC	0.03746048	0.22296321	4.84E-05	0.0045696	-0.084703
7w11w_SITTC	0.02431893	0.14186671	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.01792987	0.10243981	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.02810453	0.16522767	4.48E-05	0.0047558	-0.12174
7w11w_SITTC	0.01989896	0.11459109	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.03252156	0.19248515	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.01512264	0.08511639	3.92E-05	0.0060428	0.11709
7w11w_SITTC	0.08886839	0.5402014	4.84E-05	0.0094274	-0.3844
7w11w_SITTC	0.0710597	0.430304	5.65E-05	0.011849	0.23476
7w11w_SITTC	0.02479599	0.14481063	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02289619	0.13308698	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.0429752	0.25699452	5.17E-05	0.0047101	-0.042593
7w11w_SITTC	0.09744792	0.59314567	5.32E-05	0.0050496	-1.0673
7w11w_SITTC	0.01733889	0.09879284	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.02376529	0.13845018	4.32E-05	0.0050338	-0.091842
7w11w_SITTC	0.02576042	0.15076213	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.02917285	0.1718203	4.51E-05	0.0047064	-0.1231
7w11w_SITTC	0.06341621	0.383136	6.30E-05	0.008216	0.13178
7w11w_SITTC	0.00758816	0.03862111	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.08729833	0.5305126	4.79E-05	0.010571	-0.25808
7w11w_SITTC	0.02118205	0.12250902	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.00943132	0.04999527	3.62E-05	0.0070172	0.35661

7w11w_SITTC	0.08399986	0.5101577	4.76E-05	0.012731	-0.036078
7w11w_SITTC	0.03103036	0.18328297	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.05348717	0.32186392	6.05E-05	0.0056127	0.026054
7w11w_SITTC	0.019612	0.11282022	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02131195	0.12331063	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01454237	0.08153558	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.01175218	0.06431732	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.06965751	0.42165107	5.82E-05	0.011019	0.21895
7w11w_SITTC	0.01653302	0.09381987	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02838468	0.16695647	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.0159859	0.09044356	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.01344379	0.07475619	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01956251	0.11251482	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02318602	0.13487555	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.09584539	0.5832565	5.20E-05	0.0056833	-0.9515
7w11w_SITTC	0.01752204	0.09992312	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.05244229	0.31541595	5.97E-05	0.0054628	0.018414
7w11w_SITTC	0.09391037	0.5713155	5.09E-05	0.0064439	-0.7829
7w11w_SITTC	0.01284171	0.07104078	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.09354498	0.5690606	5.06E-05	0.0067258	-0.7829
7w11w_SITTC	0.0952946	0.5798575	5.16E-05	0.0059226	-0.91061
7w11w_SITTC	0.0425206	0.25418922	5.13E-05	0.0046879	-0.04643
7w11w_SITTC	0.09476318	0.5765782	5.13E-05	0.0061762	-0.8688
7w11w_SITTC	0.02840077	0.16705577	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.03238533	0.1916445	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.06775868	0.40993342	5.98E-05	0.010192	0.19812
7w11w_SITTC	0.02607328	0.15269281	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.00846209	0.04401415	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.01537254	0.0866585	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.0461865	0.27681148	5.44E-05	0.0048874	-0.021643
7w11w_SITTC	0.07833904	0.47522482	5.01E-05	0.014289	0.18889
7w11w_SITTC	0.0164738	0.09345443	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01861614	0.10667481	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01235008	0.06800695	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01577466	0.08914003	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02435317	0.14207798	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.02649285	0.15528195	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.04583793	0.27466047	5.39E-05	0.0048522	-0.024952
7w11w_SITTC	0.0154455	0.08710878	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01883004	0.10799479	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01386864	0.07737797	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01475341	0.08283785	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.00831679	0.04311747	3.56E-05	0.0072456	0.40559

7w11w_SITTC	0.02619189	0.15342474	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.01473791	0.08274222	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.02969376	0.1750348	4.53E-05	0.0046846	-0.12301
7w11w_SITTC	0.0069058	0.03441028	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.02004775	0.11550929	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.08560427	0.5200586	4.76E-05	0.012059	-0.14081
7w11w_SITTC	0.01362274	0.07586048	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02176643	0.12611523	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.06342588	0.38319573	6.30E-05	0.008216	0.13178
7w11w_SITTC	0.01234729	0.06798971	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01254289	0.06919676	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.03483329	0.20675081	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.01856661	0.10636914	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.04398752	0.26324156	5.25E-05	0.0047605	-0.035266
7w11w_SITTC	0.01230819	0.06774843	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.03257809	0.19283397	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.02211417	0.12826115	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.06667341	0.40323624	6.07E-05	0.0096573	0.18233
7w11w_SITTC	0.00796425	0.04094197	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.01839001	0.10527936	4.09E-05	0.0055879	0.015459
7w11w_SITTC	0.01298351	0.07191581	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01888846	0.10835528	4.11E-05	0.0055212	0.0010121
7w11w_SITTC	0.00933492	0.04940037	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.05443462	0.32771063	6.14E-05	0.0057798	0.030074
7w11w_SITTC	0.01318198	0.07314061	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.08447454	0.513087	4.76E-05	0.012731	-0.069378
7w11w_SITTC	0.01487326	0.08357745	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01336662	0.07427999	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01242917	0.06849502	3.77E-05	0.0064954	0.21875
7w11w_SITTC	0.02998117	0.17680842	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.01357387	0.07555895	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02319256	0.13491589	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.00828037	0.04289277	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02828909	0.16636659	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.00654743	0.03219874	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.01548497	0.08735236	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01178076	0.06449366	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.04093585	0.24440974	5.02E-05	0.0046325	-0.058715
7w11w_SITTC	0.01632089	0.09251079	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02137732	0.12371404	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.03369907	0.19975156	4.68E-05	0.0045746	-0.11071
7w11w_SITTC	0.03153079	0.18637112	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.01004896	0.05380671	3.65E-05	0.0069072	0.33263

7w11w_SITTC	0.04190482	0.25038925	5.09E-05	0.0046676	-0.0504
7w11w_SITTC	0.08399811	0.5101469	4.76E-05	0.012731	-0.036078
7w11w_SITTC	0.01505466	0.08469691	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01610759	0.09119454	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.03170634	0.18745446	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.01834361	0.10499304	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.08051416	0.48864746	4.87E-05	0.014207	0.12269
7w11w_SITTC	0.00764933	0.03899857	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.01726082	0.09831113	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.00884427	0.04637258	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.036357	0.21615367	4.79E-05	0.0045625	-0.092976
7w11w_SITTC	0.03563244	0.21168241	4.74E-05	0.0045622	-0.096915
7w11w_SITTC	0.01445815	0.08101583	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.02597663	0.15209638	4.40E-05	0.0048781	-0.11213
7w11w_SITTC	0.07484995	0.45369366	5.28E-05	0.013537	0.24193
7w11w_SITTC	0.03026682	0.17857118	4.55E-05	0.0046645	-0.12245
7w11w_SITTC	0.02950995	0.17390053	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.01666641	0.094643	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02118683	0.12253849	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.04622508	0.27704954	5.44E-05	0.0048874	-0.021643
7w11w_SITTC	0.03826875	0.22795106	4.87E-05	0.0045758	-0.080425
7w11w_SITTC	0.02198643	0.12747283	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02184802	0.12661873	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.09560742	0.58178794	5.20E-05	0.0056833	-0.9515
7w11w_SITTC	0.01607937	0.09102039	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02371539	0.1381423	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.01321084	0.07331869	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.02043738	0.11791366	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.04021888	0.23998532	4.99E-05	0.0046177	-0.063007
7w11w_SITTC	0.01893656	0.10865208	4.11E-05	0.0055212	0.0010121
7w11w_SITTC	0.01843511	0.10555768	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02465123	0.14391732	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01408355	0.07870418	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.0151401	0.08522412	3.92E-05	0.0060428	0.11709
7w11w_SITTC	0.02075347	0.11986426	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.00976622	0.05206192	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.02649489	0.15529457	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.08779295	0.53356487	4.80E-05	0.010188	-0.29935
7w11w_SITTC	0.01514114	0.08523055	3.92E-05	0.0060428	0.11709
7w11w_SITTC	0.09561389	0.5818279	5.20E-05	0.0056833	-0.9515
7w11w_SITTC	0.01595594	0.09025867	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02791035	0.1640294	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.03379569	0.2003478	4.68E-05	0.0045746	-0.11071

7w11w_SITTC	0.02903608	0.17097627	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.0452429	0.27098852	5.34E-05	0.0048194	-0.028317
7w11w_SITTC	0.02339621	0.13617264	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.01217235	0.06691014	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.09914386	0.60361135	5.45E-05	0.0045382	-1.1701
7w11w_SITTC	0.01973063	0.11355232	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02471862	0.1443332	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02044543	0.11796334	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02963322	0.17466122	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.02680052	0.15718062	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.02343708	0.13642481	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.03081606	0.18196052	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.01705412	0.09703556	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.03083416	0.1820722	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.0226136	0.13134311	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01135714	0.06187949	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01680415	0.095493	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01144065	0.06239481	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01163495	0.06359386	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.00890309	0.04673556	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.01464728	0.08218296	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01341522	0.07457989	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01500929	0.08441694	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.04520481	0.2707535	5.34E-05	0.0048194	-0.028317
7w11w_SITTC	0.00968385	0.05155359	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.00966312	0.05142571	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.03319976	0.1966703	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.0755506	0.45801738	5.23E-05	0.013721	0.23858
7w11w_SITTC	0.01406773	0.07860657	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.04429188	0.2651198	5.25E-05	0.0047605	-0.031751
7w11w_SITTC	0.0864104	0.5250332	4.77E-05	0.01133	-0.21781
7w11w_SITTC	0.03501518	0.20787328	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.02006692	0.11562753	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01438994	0.08059494	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.02757422	0.16195513	4.46E-05	0.0047834	-0.12024
7w11w_SITTC	0.01764845	0.10070315	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.08848605	0.537842	4.82E-05	0.0098057	-0.3415
7w11w_SITTC	0.01271017	0.07022902	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.08903803	0.54124826	4.84E-05	0.0094274	-0.3844
7w11w_SITTC	0.04922793	0.29558015	5.68E-05	0.0051026	-0.0022352
7w11w_SITTC	0.02719671	0.15962552	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.02486854	0.1452584	4.36E-05	0.0049516	-0.10343
7w11w_SITTC	0.01387396	0.07741077	3.86E-05	0.0062156	0.17645

7w11w_SITTC	0.09133643	0.5554317	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.01771673	0.10112456	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.09518812	0.57920045	5.16E-05	0.0059226	-0.91061
7w11w_SITTC	0.03010294	0.17755987	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.01221075	0.0671471	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.04045038	0.24141392	4.99E-05	0.0046177	-0.063007
7w11w_SITTC	0.0126248	0.0697022	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.08415191	0.511096	4.76E-05	0.012731	-0.036078
7w11w_SITTC	0.06349481	0.38362107	6.30E-05	0.008216	0.13178
7w11w_SITTC	0.03308811	0.19598135	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.03139099	0.18550842	4.58E-05	0.00463	-0.12002
7w11w_SITTC	0.03339692	0.19788696	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.02570354	0.15041116	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.03036131	0.17915423	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.09641163	0.58675075	5.24E-05	0.0054581	-0.99133
7w11w_SITTC	0.04736439	0.28408024	5.53E-05	0.0049654	-0.01514
7w11w_SITTC	0.01996622	0.11500616	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01678461	0.09537243	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.00687894	0.0342445	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.01640233	0.09301333	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.0180445	0.10314719	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01560623	0.08810061	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.09379882	0.57062715	5.09E-05	0.0064439	-0.7829
7w11w_SITTC	0.0132804	0.07374793	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.08759706	0.532356	4.79E-05	0.010571	-0.29935
7w11w_SITTC	0.02082006	0.12027516	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.0251374	0.14691749	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01583168	0.08949187	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02444166	0.14262407	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.03401981	0.20173086	4.68E-05	0.0045746	-0.10761
7w11w_SITTC	0.06361752	0.3843783	6.30E-05	0.008216	0.13178
7w11w_SITTC	0.10058454	0.6125018	5.58E-05	0.0041426	-1.2563
7w11w_SITTC	0.01604179	0.09078848	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02272662	0.13204058	4.28E-05	0.005125	-0.077142
7w11w_SITTC	0.09820488	0.59781694	5.40E-05	0.0046955	-1.1032
7w11w_SITTC	0.01214467	0.06673933	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.08617306	0.5235685	4.77E-05	0.01133	-0.17867
7w11w_SITTC	0.01920766	0.11032509	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01311471	0.07272545	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.03934353	0.23458351	4.92E-05	0.0045932	-0.071721
7w11w_SITTC	0.02570164	0.15039945	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.02279774	0.13247944	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02016047	0.11620484	4.19E-05	0.0053364	-0.025531

7w11w_SITTC	0.01030173	0.05536655	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.02709368	0.15898971	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.0225108	0.13070877	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.05937487	0.3581969	6.37E-05	0.0067983	0.074574
7w11w_SITTC	0.02720003	0.15964596	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.03717152	0.22118007	4.81E-05	0.0045652	-0.088896
7w11w_SITTC	0.01022699	0.05490536	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.0174313	0.09936316	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.08551259	0.51949275	4.76E-05	0.012059	-0.14081
7w11w_SITTC	0.00764307	0.03895997	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.03039958	0.17939042	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.01811907	0.1036074	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.03022599	0.17831922	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.0946952	0.57615864	5.13E-05	0.0061762	-0.8688
7w11w_SITTC	0.02206394	0.12795116	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01477666	0.08298138	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.03291603	0.19491942	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.02073247	0.11973465	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01479998	0.08312526	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01521414	0.08568105	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.00682956	0.03393981	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.09120631	0.55462873	4.93E-05	0.0079874	-0.56091
7w11w_SITTC	0.02030806	0.11711562	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01786109	0.10201535	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.00893724	0.04694628	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.01108888	0.06022407	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.01080036	0.05844358	3.68E-05	0.0068	0.2858
7w11w_SITTC	0.01465031	0.08220166	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01632322	0.0925252	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02126422	0.12301607	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01735019	0.09886262	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.00887355	0.04655327	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.02332775	0.13575013	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.09141273	0.55590254	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.02529293	0.14787729	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.02238397	0.12992607	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.03494087	0.20741472	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.09055477	0.55060804	4.91E-05	0.0083333	-0.51631
7w11w_SITTC	0.02793366	0.16417322	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.01863774	0.10680807	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02527816	0.14778614	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.02859705	0.16826701	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.07976311	0.48401275	4.90E-05	0.014278	0.15946

7w11w_SITTC	0.00907701	0.04780879	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.07868313	0.4773482	4.97E-05	0.014318	0.18889
7w11w_SITTC	0.01179177	0.0645616	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01742276	0.09931047	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.01282961	0.07096613	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.02773928	0.1629737	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.03502847	0.2079553	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.00673226	0.03333934	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.01190694	0.0652723	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.02212409	0.12832233	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.0168293	0.0956482	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01803914	0.10311414	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.09379747	0.57061875	5.09E-05	0.0064439	-0.7829
7w11w_SITTC	0.01952542	0.11228599	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.03008012	0.17741904	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.02076035	0.11990674	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.05839049	0.3521223	6.34E-05	0.0065282	0.068735
7w11w_SITTC	0.05131623	0.30846706	5.87E-05	0.0053288	0.011221
7w11w_SITTC	0.03003703	0.17715313	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.00607267	0.02926901	3.44E-05	0.0077366	0.50694
7w11w_SITTC	0.02356842	0.13723533	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.02085689	0.12050246	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02153341	0.12467726	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.0287951	0.16948919	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.02261534	0.13135386	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.08917721	0.54210716	4.84E-05	0.0094274	-0.42792
7w11w_SITTC	0.08576129	0.5210275	4.76E-05	0.0117	-0.14081
7w11w_SITTC	0.04173231	0.24932466	5.09E-05	0.0046676	-0.0504
7w11w_SITTC	0.01508638	0.08489265	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01681362	0.09555142	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02946704	0.17363572	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.0099071	0.0529313	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.09089606	0.55271417	4.91E-05	0.0083333	-0.56091
7w11w_SITTC	0.01511245	0.08505353	3.92E-05	0.0060428	0.11709
7w11w_SITTC	0.02259148	0.1312066	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01114849	0.06059193	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.01989281	0.11455314	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01371177	0.07640992	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02205505	0.12789628	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.07241839	0.43868852	5.54E-05	0.012382	0.24373
7w11w_SITTC	0.01893209	0.10862452	4.11E-05	0.0055212	0.0010121
7w11w_SITTC	0.02277605	0.1323456	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.0087803	0.04597781	3.59E-05	0.00713	0.38094

7w11w_SITTC	0.01583266	0.08949792	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.0158047	0.08932541	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.01850979	0.10601851	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02008865	0.11576168	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01319979	0.07325047	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01623127	0.09195773	3.98E-05	0.0058806	0.080526
7w11w_SITTC	0.02852045	0.16779429	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.09967672	0.6068996	5.49E-05	0.0043938	-1.2008
7w11w_SITTC	0.00767018	0.03912726	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.01550659	0.08748576	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01433104	0.08023144	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.01912299	0.10980257	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.03293794	0.19505464	4.64E-05	0.0045915	-0.11352
7w11w_SITTC	0.02446499	0.14276804	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01219695	0.06706195	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.00917042	0.04838525	3.59E-05	0.00713	0.35661
7w11w_SITTC	0.06757703	0.4088125	6.03E-05	0.009922	0.19812
7w11w_SITTC	0.01643398	0.09320867	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02275551	0.13221882	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02616876	0.15328202	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.02593782	0.15185688	4.40E-05	0.0048781	-0.11213
7w11w_SITTC	0.09024403	0.5486905	4.88E-05	0.0086895	-0.51631
7w11w_SITTC	0.02617814	0.15333992	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.07856005	0.47658873	5.01E-05	0.014289	0.18889
7w11w_SITTC	0.01648647	0.09353261	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01948734	0.11205096	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.0173313	0.09874604	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.09129979	0.5552056	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.02716953	0.15945774	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.0371683	0.22116016	4.81E-05	0.0045652	-0.088896
7w11w_SITTC	0.09287202	0.5649078	5.02E-05	0.0070215	-0.69483
7w11w_SITTC	0.03626644	0.21559481	4.77E-05	0.0045615	-0.092976
7w11w_SITTC	0.01754119	0.10004125	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.01461892	0.08200791	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01379909	0.07694875	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02853439	0.16788036	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.02071985	0.11965682	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.06689126	0.4045806	6.07E-05	0.0096573	0.18233
7w11w_SITTC	0.08061811	0.48928896	4.87E-05	0.014207	0.12269
7w11w_SITTC	0.08561833	0.5201453	4.76E-05	0.0117	-0.14081
7w11w_SITTC	0.02062194	0.11905255	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01973916	0.11360492	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.0277182	0.16284364	4.48E-05	0.0047558	-0.12024

7w11w_SITTC	0.01073937	0.05806726	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.02935906	0.17296936	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.01499734	0.0843432	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.02118138	0.12250487	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.04058433	0.24224052	4.99E-05	0.0046177	-0.058715
7w11w_SITTC	0.0795442	0.48266187	4.93E-05	0.014315	0.15946
7w11w_SITTC	0.02925883	0.17235084	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.02002639	0.11537743	4.16E-05	0.0053955	-0.025531
7w11w_SITTC	0.02645596	0.15505435	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.01037652	0.05582812	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.03371518	0.19985098	4.68E-05	0.0045746	-0.11071
7w11w_SITTC	0.01127368	0.06136446	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.05992551	0.36159492	6.37E-05	0.0069445	0.080679
7w11w_SITTC	0.03656229	0.21742049	4.79E-05	0.0045625	-0.092976
7w11w_SITTC	0.08387223	0.5093701	4.77E-05	0.013036	-0.036078
7w11w_SITTC	0.01296956	0.07182974	3.80E-05	0.0063994	0.19734
7w11w_SITTC	0.02836717	0.16684839	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.03235741	0.1914722	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.04556936	0.27300316	5.39E-05	0.0048522	-0.024952
7w11w_SITTC	0.09235054	0.56168973	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.03464156	0.20556764	4.70E-05	0.0045688	-0.10426
7w11w_SITTC	0.03223021	0.19068725	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.02940608	0.1732595	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.04044979	0.24141024	4.99E-05	0.0046177	-0.063007
7w11w_SITTC	0.03144114	0.18581787	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.01935042	0.111206	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.0935538	0.5691151	5.06E-05	0.0067258	-0.7829
7w11w_SITTC	0.01144673	0.06243235	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.02202088	0.12768546	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.0412469	0.24632923	5.05E-05	0.0046492	-0.054504
7w11w_SITTC	0.015099	0.08497054	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.0950084	0.57809144	5.16E-05	0.0059226	-0.8688
7w11w_SITTC	0.02368897	0.13797921	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.01884837	0.10810791	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.04763316	0.28573883	5.53E-05	0.0049654	-0.01192
7w11w_SITTC	0.00921466	0.04865826	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.03086506	0.18226285	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.0224949	0.13061062	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.03563097	0.21167332	4.74E-05	0.0045622	-0.096915
7w11w_SITTC	0.01669267	0.09480505	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01387794	0.07743535	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.05376792	0.32359642	6.10E-05	0.005694	0.026054
7w11w_SITTC	0.02061599	0.11901584	4.21E-05	0.0052798	-0.037579

7w11w_SITTC	0.01324868	0.07355218	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.00370939	0.01468521	3.29E-05	0.0084138	0.63801
7w11w_SITTC	0.03290613	0.19485836	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.04417896	0.26442292	5.25E-05	0.0047605	-0.035266
7w11w_SITTC	0.02350977	0.13687336	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.06573315	0.39743388	6.16E-05	0.0091463	0.16566
7w11w_SITTC	0.00638867	0.03121905	3.44E-05	0.0077366	0.50694
7w11w_SITTC	0.00868393	0.04538313	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.0087644	0.04587967	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.0882156	0.53617305	4.80E-05	0.010188	-0.3415
7w11w_SITTC	0.01379947	0.07695112	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.07164045	0.43388787	5.60E-05	0.012118	0.2386
7w11w_SITTC	0.02161975	0.1252101	4.24E-05	0.0052258	-0.059109
7w11w_SITTC	0.01682176	0.09560166	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01877198	0.1076365	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02138729	0.12377556	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.09349271	0.5687381	5.06E-05	0.0067258	-0.7829
7w11w_SITTC	0.02721864	0.15976083	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.020026	0.11537502	4.16E-05	0.0053955	-0.025531
7w11w_SITTC	0.02500637	0.14610888	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01325861	0.07361347	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.02783115	0.16354063	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.00693055	0.034563	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.08735848	0.5308837	4.79E-05	0.010571	-0.25808
7w11w_SITTC	0.01291678	0.07150405	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.012476	0.06878395	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.0270472	0.15870288	4.44E-05	0.004813	-0.11816
7w11w_SITTC	0.08448997	0.5131822	4.76E-05	0.012731	-0.069378
7w11w_SITTC	0.04134831	0.24695499	5.05E-05	0.0046492	-0.054504
7w11w_SITTC	0.0209945	0.12135163	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.0249299	0.14563702	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.06852922	0.4146884	5.93E-05	0.010465	0.20551
7w11w_SITTC	0.02223508	0.12900725	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01451835	0.08138729	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.02883426	0.1697308	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.01322004	0.07337542	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.02442177	0.14250131	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02203351	0.12776338	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.05421688	0.326367	6.14E-05	0.0057798	0.030074
7w11w_SITTC	0.01717337	0.09777144	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02049658	0.11827897	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02639502	0.15467824	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.00825754	0.04275185	3.56E-05	0.0072456	0.40559

7w11w_SITTC	0.02161129	0.12515785	4.24E-05	0.0052258	-0.059109
7w11w_SITTC	0.01602837	0.09070569	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.00685817	0.03411636	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.09105611	0.5537018	4.93E-05	0.0079874	-0.56091
7w11w_SITTC	0.07467723	0.4526278	5.33E-05	0.013335	0.24193
7w11w_SITTC	0.029522	0.17397486	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.06873948	0.41598594	5.93E-05	0.010465	0.21248
7w11w_SITTC	0.02083851	0.12038903	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.00913272	0.0481526	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.00715406	0.03594231	3.50E-05	0.0074854	0.45576
7w11w_SITTC	0.03410985	0.20228645	4.68E-05	0.0045746	-0.10761
7w11w_SITTC	0.08828066	0.53657454	4.80E-05	0.010188	-0.3415
7w11w_SITTC	0.02043832	0.11791948	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02191142	0.12700996	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.03787821	0.22554104	4.84E-05	0.0045696	-0.080425
7w11w_SITTC	0.01498593	0.08427274	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.03054171	0.18026748	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.08745323	0.5314685	4.79E-05	0.010571	-0.25808
7w11w_SITTC	0.02762395	0.16226201	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.02077973	0.12002633	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01870575	0.10722777	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.0126678	0.06996755	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01742425	0.09931964	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.02175583	0.1260498	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.03618634	0.21510051	4.77E-05	0.0045615	-0.092976
7w11w_SITTC	0.03391271	0.20106994	4.68E-05	0.0045746	-0.11071
7w11w_SITTC	0.08160057	0.49535173	4.83E-05	0.013957	0.078055
7w11w_SITTC	0.0210804	0.12188172	4.21E-05	0.0052798	-0.04878
7w11w_SITTC	0.03177192	0.18785915	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.00878748	0.04602211	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.01477017	0.08294133	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01399671	0.07816827	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.09870749	0.60091853	5.45E-05	0.0045382	-1.1375
7w11w_SITTC	0.01424236	0.07968416	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.02866749	0.16870166	4.49E-05	0.0047302	-0.12268
7w11w_SITTC	0.09940891	0.60524696	5.49E-05	0.0043938	-1.2008
7w11w_SITTC	0.03287954	0.19469422	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.02208232	0.12806459	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02299435	0.13369273	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.09176115	0.55805266	4.96E-05	0.0076529	-0.60562
7w11w_SITTC	0.02742703	0.1610468	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.04157507	0.24835439	5.05E-05	0.0046492	-0.0504
7w11w_SITTC	0.03870064	0.23061623	4.89E-05	0.0045836	-0.076088

7w11w_SITTC	0.07562645	0.45848542	5.23E-05	0.013721	0.23393
7w11w_SITTC	0.02361606	0.13752933	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.03734646	0.22225958	4.81E-05	0.0045652	-0.084703
7w11w_SITTC	0.0924668	0.56240726	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.0770499	0.46726954	5.09E-05	0.014141	0.22047
7w11w_SITTC	0.09696502	0.59016573	5.28E-05	0.0052469	-1.03
7w11w_SITTC	0.014062	0.07857117	3.86E-05	0.0062156	0.1561
7w11w_SITTC	0.00550359	0.02575723	3.41E-05	0.0078664	0.53284
7w11w_SITTC	0.0689739	0.41743255	5.87E-05	0.010741	0.21248
7w11w_SITTC	0.02918509	0.17189582	4.51E-05	0.0047064	-0.1231
7w11w_SITTC	0.08433986	0.51225585	4.76E-05	0.012731	-0.069378
7w11w_SITTC	0.02511517	0.14678031	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01974594	0.11364681	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.06563693	0.39684007	6.16E-05	0.0091463	0.16566
7w11w_SITTC	0.01845017	0.10565061	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.0102781	0.05522071	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.02276912	0.13230287	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02028398	0.11696702	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02884363	0.16978866	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.02247518	0.13048896	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02281143	0.13256396	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02736815	0.16068347	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01501171	0.08443184	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01623728	0.09199483	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02082696	0.12031776	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02711231	0.15910466	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01039199	0.05592357	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.03841326	0.22884285	4.87E-05	0.0045758	-0.076088
7w11w_SITTC	0.03508817	0.2083237	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.01709668	0.09729818	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01255873	0.06929451	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.00936248	0.04957046	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.03017141	0.17798239	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.02327764	0.13544092	4.30E-05	0.0050782	-0.084895
7w11w_SITTC	0.02588385	0.15152381	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.04411971	0.2640573	5.25E-05	0.0047605	-0.035266
7w11w_SITTC	0.00537126	0.02494062	3.38E-05	0.0079991	0.55892
7w11w_SITTC	0.00974532	0.05193293	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.01564629	0.08834783	3.95E-05	0.0059603	0.098494
7w11w_SITTC	0.02258705	0.13117929	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.03727722	0.2218323	4.81E-05	0.0045652	-0.084703
7w11w_SITTC	0.09544655	0.5807952	5.20E-05	0.0056833	-0.91061
7w11w_SITTC	0.02404162	0.14015542	4.34E-05	0.0049916	-0.091842

7w11w_SITTC	0.09908073	0.60322183	5.45E-05	0.0045382	-1.1701
7w11w_SITTC	0.06997815	0.42362976	5.76E-05	0.011297	0.22487
7w11w_SITTC	0.04779035	0.28670883	5.58E-05	0.0050083	-0.01192
7w11w_SITTC	0.01788102	0.10213835	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.00860329	0.04488549	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.01009423	0.05408607	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.0030122	0.01038286	3.26E-05	0.0085576	0.66457
7w11w_SITTC	0.03188781	0.18857431	4.60E-05	0.0046154	-0.11821
7w11w_SITTC	0.04229032	0.25276816	5.13E-05	0.0046879	-0.04643
7w11w_SITTC	0.03209573	0.18985733	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.0226821	0.13176584	4.28E-05	0.005125	-0.077142
7w11w_SITTC	0.02712252	0.15916768	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.0331166	0.19615713	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.0482469	0.28952622	5.63E-05	0.005054	-0.0087048
7w11w_SITTC	0.00642442	0.03143965	3.44E-05	0.0077366	0.50694
7w11w_SITTC	0.08804249	0.5351048	4.80E-05	0.010188	-0.3415
7w11w_SITTC	0.01424804	0.07971921	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.02455509	0.14332406	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.0626501	0.37840837	6.35E-05	0.0078047	0.12359
7w11w_SITTC	0.01591994	0.09003652	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.00959038	0.05097679	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.0242797	0.14162463	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.02436085	0.14212538	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.08622313	0.5238775	4.77E-05	0.01133	-0.17867
7w11w_SITTC	0.02021667	0.11655167	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01907777	0.10952351	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.05462847	0.32890692	6.14E-05	0.0057798	0.034245
7w11w_SITTC	0.08110105	0.49226916	4.85E-05	0.0141	0.10139
7w11w_SITTC	0.02178869	0.12625259	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.08640458	0.52499723	4.77E-05	0.01133	-0.17867
7w11w_SITTC	0.02406622	0.14030722	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.01711847	0.09743264	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02520969	0.14736357	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.02315668	0.13469447	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02282078	0.13262166	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.03786352	0.22545038	4.84E-05	0.0045696	-0.080425
7w11w_SITTC	0.01621386	0.09185034	3.98E-05	0.0058806	0.080526
7w11w_SITTC	0.0351028	0.20841394	4.72E-05	0.0045646	-0.10068
7w11w_SITTC	0.01834524	0.1050031	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.02602488	0.15239416	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.03345507	0.19824585	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.01399696	0.07816984	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.03475576	0.20627236	4.72E-05	0.0045646	-0.10426

7w11w_SITTC	0.09477455	0.57664835	5.13E-05	0.0061762	-0.8688
7w11w_SITTC	0.00984538	0.05255041	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.07189883	0.43548226	5.60E-05	0.012118	0.24161
7w11w_SITTC	0.02819345	0.1657764	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.02520783	0.14735214	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.02174985	0.12601295	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.04386658	0.26249528	5.21E-05	0.0047343	-0.035266
7w11w_SITTC	0.017558	0.10014498	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.02334692	0.13586842	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.05020836	0.3016304	5.78E-05	0.0052091	0.0010449
7w11w_SITTC	0.08575912	0.5210141	4.76E-05	0.0117	-0.14081
7w11w_SITTC	0.08853115	0.5381203	4.82E-05	0.0098057	-0.3415
7w11w_SITTC	0.01819403	0.10406993	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.04148936	0.24782541	5.05E-05	0.0046492	-0.054504
7w11w_SITTC	0.07776498	0.4716823	5.05E-05	0.014229	0.20103
7w11w_SITTC	0.01894962	0.10873272	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.06800706	0.41146618	5.98E-05	0.010192	0.19812
7w11w_SITTC	0.02318903	0.13489412	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02146299	0.12424273	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01390117	0.07757871	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01714568	0.09760058	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.01604846	0.09082963	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.00828053	0.04289372	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02170645	0.12574513	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.03784641	0.22534476	4.84E-05	0.0045696	-0.080425
7w11w_SITTC	0.0199429	0.11486222	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02603307	0.1524447	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.07937143	0.48159572	4.93E-05	0.014315	0.17506
7w11w_SITTC	0.02328543	0.13548899	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.05340529	0.32135862	6.05E-05	0.0056127	0.022172
7w11w_SITTC	0.0626177	0.37820846	6.35E-05	0.0078047	0.11565
7w11w_SITTC	0.08214355	0.4987025	4.81E-05	0.013778	0.05262
7w11w_SITTC	0.01915863	0.1100225	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.03166108	0.1871751	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.04643852	0.2783667	5.44E-05	0.0048874	-0.018376
7w11w_SITTC	0.09660626	0.58795184	5.28E-05	0.0052469	-0.99133
7w11w_SITTC	0.01751622	0.09988719	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.01213011	0.06664947	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.07132897	0.43196568	5.65E-05	0.011849	0.2386
7w11w_SITTC	0.02342025	0.136321	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.07333087	0.44431943	5.43E-05	0.012883	0.24489
7w11w_SITTC	0.02824013	0.16606444	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.01049261	0.05654448	3.68E-05	0.0068	0.30902

7w11w_SITTC	0.02841559	0.16714723	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.02150343	0.12449229	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.03337085	0.1977261	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.0225046	0.13067052	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.09464388	0.57584196	5.13E-05	0.0061762	-0.8688
7w11w_SITTC	0.02417612	0.14098543	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.03667146	0.2180942	4.79E-05	0.0045625	-0.092976
7w11w_SITTC	0.01013523	0.05433911	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.01043079	0.05616297	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.02807192	0.16502641	4.48E-05	0.0047558	-0.12174
7w11w_SITTC	0.02759462	0.162081	4.46E-05	0.0047834	-0.12024
7w11w_SITTC	0.09081101	0.55218935	4.91E-05	0.0083333	-0.56091
7w11w_SITTC	0.01842123	0.10547198	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01897169	0.10886888	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01721269	0.09801409	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02269777	0.13186255	4.28E-05	0.005125	-0.077142
7w11w_SITTC	0.02495918	0.14581771	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.03396101	0.201368	4.68E-05	0.0045746	-0.11071
7w11w_SITTC	0.0090098	0.04739404	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.09519655	0.5792525	5.16E-05	0.0059226	-0.91061
7w11w_SITTC	0.0291668	0.17178293	4.51E-05	0.0047064	-0.1231
7w11w_SITTC	0.07107166	0.43037778	5.65E-05	0.011849	0.23476
7w11w_SITTC	0.02061888	0.11903368	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.03188898	0.18858151	4.60E-05	0.0046154	-0.11821
7w11w_SITTC	0.00787042	0.04036293	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.06729575	0.40707666	6.03E-05	0.009922	0.19037
7w11w_SITTC	0.02668205	0.15644951	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.02438738	0.1422891	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01439927	0.08065246	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.07860375	0.47685838	4.97E-05	0.014318	0.18889
7w11w_SITTC	0.01874221	0.10745279	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.09322535	0.5670882	5.06E-05	0.0067258	-0.73907
7w11w_SITTC	0.03253328	0.19255745	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.01648148	0.0935018	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01543573	0.08704849	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01947484	0.11197383	4.14E-05	0.0054571	-0.012659
7w11w_SITTC	0.02504058	0.14632002	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.00556605	0.02614267	3.41E-05	0.0078664	0.53284
7w11w_SITTC	0.03558247	0.21137401	4.74E-05	0.0045622	-0.10068
7w11w_SITTC	0.02234675	0.12969638	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02778425	0.1632512	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.01670289	0.09486812	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.09348989	0.5687207	5.06E-05	0.0067258	-0.7829

7w11w_SITTC	0.02545755	0.14889316	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.01808504	0.10339736	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01379864	0.07694598	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.09213522	0.560361	4.99E-05	0.0073308	-0.6503
7w11w_SITTC	0.01035791	0.05571325	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.03909269	0.2330356	4.92E-05	0.0045932	-0.071721
7w11w_SITTC	0.01788708	0.10217574	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.00860754	0.0449117	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.09362257	0.5695394	5.06E-05	0.0067258	-0.7829
7w11w_SITTC	0.01004601	0.05378849	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.01786094	0.10201445	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01605179	0.09085018	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.05572199	0.335655	6.21E-05	0.005966	0.043089
7w11w_SITTC	0.02044228	0.1179439	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02544225	0.14879872	4.38E-05	0.0049138	-0.10813
7w11w_SITTC	0.02208326	0.1280704	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01595814	0.09027226	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02516109	0.14706367	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01658586	0.09414593	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01796626	0.10266437	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.00464173	0.02043871	3.35E-05	0.0081345	0.58516
7w11w_SITTC	0.01449712	0.08125629	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.09188423	0.55881214	4.96E-05	0.0076529	-0.6503
7w11w_SITTC	0.02420218	0.14114627	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.01833882	0.10496345	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01077146	0.05826528	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.02335864	0.13594075	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.02091395	0.1208546	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02674632	0.15684615	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.01936548	0.11129897	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.02123987	0.12286584	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01932272	0.11103512	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.00896177	0.04709768	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.01183684	0.06483971	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01698578	0.09661385	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02652073	0.15545401	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.02195096	0.12725395	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01506133	0.08473802	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.0375562	0.22355391	4.84E-05	0.0045696	-0.084703
7w11w_SITTC	0.05042716	0.30298063	5.83E-05	0.0052672	0.0043724
7w11w_SITTC	0.012921	0.0715301	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01929924	0.1108902	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.0641457	0.38763773	6.27E-05	0.0084357	0.14015

7w11w_SITTC	0.0245437	0.1432538	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01782196	0.10177391	4.06E-05	0.0056572	0.030658
7w11w_SITTC	0.06815217	0.41236162	5.98E-05	0.010192	0.20551
7w11w_SITTC	0.0173669	0.0989657	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.0214279	0.12402617	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.08975225	0.5456557	4.86E-05	0.0090548	-0.47194
7w11w_SITTC	0.02321793	0.13507245	4.30E-05	0.0050782	-0.084895
7w11w_SITTC	0.09256564	0.5630172	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.09131429	0.55529505	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.01699561	0.09667449	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02751279	0.16157605	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01601904	0.09064806	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.03953952	0.23579298	4.95E-05	0.0046046	-0.067351
7w11w_SITTC	0.01557865	0.0879304	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.00558593	0.02626535	3.41E-05	0.0078664	0.53284
7w11w_SITTC	0.01051365	0.05667429	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01488277	0.08363615	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.02324497	0.13523932	4.30E-05	0.0050782	-0.084895
7w11w_SITTC	0.06258858	0.37802875	6.35E-05	0.0078047	0.11565
7w11w_SITTC	0.04163231	0.24870758	5.05E-05	0.0046492	-0.0504
7w11w_SITTC	0.0206444	0.1191912	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02952879	0.17401677	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.03725266	0.22168078	4.81E-05	0.0045652	-0.084703
7w11w_SITTC	0.01263958	0.06979343	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01864823	0.1068728	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02853371	0.1678761	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.01913236	0.10986041	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.08897817	0.5408789	4.84E-05	0.0094274	-0.3844
7w11w_SITTC	0.0263366	0.15431774	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.02855615	0.16801463	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.027105	0.15905957	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.02054742	0.1185927	4.19E-05	0.0053364	-0.037579
7w11w_SITTC	0.02148113	0.12435465	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.06338562	0.38294727	6.30E-05	0.008216	0.13178
7w11w_SITTC	0.02307455	0.13418764	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.04904813	0.29447064	5.68E-05	0.0051026	-0.0054808
7w11w_SITTC	0.08244082	0.50053686	4.79E-05	0.013563	0.05262
7w11w_SITTC	0.01927486	0.11073974	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01909478	0.10962846	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.03104672	0.18338391	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.05283337	0.3178293	6.01E-05	0.0055357	0.018414
7w11w_SITTC	0.02651181	0.15539896	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.01698377	0.09660146	4.03E-05	0.005729	0.063215

7w11w_SITTC	0.02702995	0.15859641	4.44E-05	0.004813	-0.11816
7w11w_SITTC	0.09049069	0.5502126	4.91E-05	0.0083333	-0.51631
7w11w_SITTC	0.02067901	0.11940479	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01596313	0.09030306	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.05412521	0.32580128	6.10E-05	0.005694	0.030074
7w11w_SITTC	0.01440118	0.08066426	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.09149469	0.5564083	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.04042058	0.24122998	4.99E-05	0.0046177	-0.063007
7w11w_SITTC	0.02798161	0.16446912	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.01017601	0.05459076	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.01058122	0.05709127	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01583835	0.08953305	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.03100374	0.18311867	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.06769298	0.409528	6.03E-05	0.009922	0.19812
7w11w_SITTC	0.01019999	0.05473869	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.02081895	0.12026833	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02025732	0.11680253	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02569654	0.15036798	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.03075063	0.18155678	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.01625346	0.09209467	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01421627	0.07952317	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.0628304	0.37952104	6.35E-05	0.0078047	0.12359
7w11w_SITTC	0.09444001	0.57458395	5.13E-05	0.0061762	-0.82618
7w11w_SITTC	0.00940153	0.04981143	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.03327042	0.19710638	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.01925338	0.11060721	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.0174635	0.09956187	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.00831165	0.04308575	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02216946	0.12860233	4.26E-05	0.0051742	-0.068556
7w11w_SITTC	0.01646097	0.09337524	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01284944	0.07108847	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.00935465	0.04952212	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.01742955	0.09935232	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.02134459	0.12351207	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.0096678	0.05145455	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.0215256	0.12462904	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01827966	0.1045984	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.0161012	0.09115507	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.09523382	0.5794825	5.16E-05	0.0059226	-0.91061
7w11w_SITTC	0.01574647	0.08896603	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.01070835	0.05787579	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01850043	0.10596074	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.0307815	0.18174723	4.57E-05	0.0046464	-0.12145

7w11w_SITTC	0.01502998	0.08454462	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.00644658	0.03157641	3.44E-05	0.0077366	0.50694
7w11w_SITTC	0.08095139	0.49134567	4.85E-05	0.0141	0.12269
7w11w_SITTC	0.01289687	0.07138116	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01905781	0.10940031	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01615769	0.09150371	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02452725	0.14315227	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.0124519	0.06863523	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.08198884	0.49774775	4.81E-05	0.013778	0.078055
7w11w_SITTC	0.01397574	0.0780389	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.0252622	0.14768766	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01866777	0.10699339	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01488368	0.08364179	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.09996172	0.6086584	5.53E-05	0.004262	-1.2296
7w11w_SITTC	0.02183189	0.12651917	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.03089667	0.18245794	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.01106631	0.06008476	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.02600894	0.15229577	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.02839833	0.1670407	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.02616451	0.15325579	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.01077763	0.05830333	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01623915	0.09200638	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.03540349	0.21026956	4.74E-05	0.0045622	-0.10068
7w11w_SITTC	0.08540374	0.51882106	4.76E-05	0.012059	-0.14081
7w11w_SITTC	0.08231988	0.49979058	4.81E-05	0.013778	0.05262
7w11w_SITTC	0.02073839	0.11977122	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01025571	0.05508257	3.65E-05	0.0069072	0.30902
7w11w_SITTC	0.07170112	0.43426225	5.60E-05	0.012118	0.2386
7w11w_SITTC	0.01737225	0.09899873	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.03438241	0.20396845	4.70E-05	0.0045688	-0.10761
7w11w_SITTC	0.02798783	0.1645075	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.09126446	0.5549876	4.93E-05	0.0079874	-0.56091
7w11w_SITTC	0.01284393	0.07105447	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01239532	0.0682861	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01698881	0.09663251	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.02728127	0.16014731	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.02434372	0.1420197	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.09192116	0.55904007	4.96E-05	0.0076529	-0.6503
7w11w_SITTC	0.01851089	0.10602527	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01685214	0.09578912	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.08848879	0.5378589	4.82E-05	0.0098057	-0.3415
7w11w_SITTC	0.03020137	0.17816725	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.00528056	0.02438094	3.38E-05	0.0079991	0.55892

7w11w_SITTC	0.02393611	0.13950434	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.00809635	0.04175713	3.53E-05	0.0073641	0.40559
7w11w_SITTC	0.0242625	0.1415185	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.01827107	0.10454537	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.0193219	0.11103005	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01015641	0.05446976	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.00881785	0.04620952	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.04106366	0.24519846	5.02E-05	0.0046325	-0.054504
7w11w_SITTC	0.01105336	0.06000488	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.06559592	0.396587	6.16E-05	0.0091463	0.16566
7w11w_SITTC	0.0214208	0.12398233	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01888675	0.10834472	4.11E-05	0.0055212	0.0010121
7w11w_SITTC	0.02357723	0.13728967	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.07331675	0.44423226	5.43E-05	0.012883	0.24489
7w11w_SITTC	0.09098454	0.5532602	4.91E-05	0.0083333	-0.56091
7w11w_SITTC	0.02113623	0.12222625	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.01083777	0.05867447	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.02393467	0.13949548	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.0154597	0.08719638	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.03079507	0.18183097	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.01361639	0.07582132	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01443849	0.08089449	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.09737123	0.59267247	5.32E-05	0.0050496	-1.0673
7w11w_SITTC	0.02725382	0.15997794	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01637541	0.09284727	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02094667	0.12105652	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01623531	0.09198266	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.02729344	0.16022241	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.00741369	0.03754444	3.50E-05	0.0074854	0.45576
7w11w_SITTC	0.02110359	0.12202483	4.21E-05	0.0052798	-0.04878
7w11w_SITTC	0.08945278	0.5438077	4.86E-05	0.0090548	-0.42792
7w11w_SITTC	0.03509004	0.20833527	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.01093338	0.05926448	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.00796426	0.04094201	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.09024677	0.5487074	4.88E-05	0.0086895	-0.51631
7w11w_SITTC	0.03241003	0.19179687	4.62E-05	0.0046026	-0.11603
7w11w_SITTC	0.05454474	0.32839018	6.14E-05	0.0057798	0.034245
7w11w_SITTC	0.06622455	0.4004663	6.12E-05	0.0093985	0.17407
7w11w_SITTC	0.01261749	0.06965708	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01863685	0.10680258	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.04508015	0.2699842	5.34E-05	0.0048194	-0.028317
7w11w_SITTC	0.00897599	0.04718543	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.01830642	0.10476349	4.09E-05	0.0055879	0.030658

7w11w_SITTC	0.00898155	0.04721972	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.02485956	0.14520293	4.36E-05	0.0049516	-0.10343
7w11w_SITTC	0.01242106	0.06844493	3.77E-05	0.0064954	0.21875
7w11w_SITTC	0.02292484	0.1332638	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02879022	0.16945903	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.02433696	0.14197795	4.34E-05	0.0049916	-0.098011
7w11w_SITTC	0.01612566	0.09130604	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.09401707	0.5719739	5.09E-05	0.0064439	-0.82618
7w11w_SITTC	0.04364726	0.26114187	5.21E-05	0.0047343	-0.038876
7w11w_SITTC	0.01254057	0.06918244	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.07528842	0.45639944	5.28E-05	0.013537	0.23858
7w11w_SITTC	0.09985204	0.60798156	5.53E-05	0.004262	-1.2008
7w11w_SITTC	0.02307927	0.13421677	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.01237617	0.06816793	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.02525748	0.1476585	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01032101	0.05548552	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.09308609	0.5662288	5.02E-05	0.0070215	-0.73907
7w11w_SITTC	0.01316317	0.07302453	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.01771254	0.10109865	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.0310545	0.18343192	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.09764072	0.5943355	5.36E-05	0.0048658	-1.0673
7w11w_SITTC	0.02867411	0.16874254	4.49E-05	0.0047302	-0.12268
7w11w_SITTC	0.01292433	0.07155062	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.04338515	0.25952435	5.21E-05	0.0047343	-0.038876
7w11w_SITTC	0.01913991	0.10990697	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.0346299	0.20549573	4.70E-05	0.0045688	-0.10426
7w11w_SITTC	0.02744573	0.16116221	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.08795923	0.534591	4.80E-05	0.010188	-0.29935
7w11w_SITTC	0.0072528	0.03655163	3.50E-05	0.0074854	0.45576
7w11w_SITTC	0.02709034	0.15896907	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.08947849	0.54396635	4.86E-05	0.0090548	-0.42792
7w11w_SITTC	0.00731135	0.03691293	3.50E-05	0.0074854	0.45576
7w11w_SITTC	0.02223921	0.12903279	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02493275	0.14565462	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.03631513	0.21589525	4.79E-05	0.0045625	-0.092976
7w11w_SITTC	0.03034559	0.17905724	4.57E-05	0.0046464	-0.12245
7w11w_SITTC	0.01223989	0.06732692	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01105201	0.05999652	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.02032964	0.11724883	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.05776926	0.3482887	6.32E-05	0.0064035	0.057806
7w11w_SITTC	0.01855242	0.10628159	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01852044	0.10608421	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.01034391	0.05562688	3.68E-05	0.0068	0.30902

7w11w_SITTC	0.01744825	0.09946772	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.0481522	0.2889418	5.58E-05	0.0050083	-0.0087048
7w11w_SITTC	0.02205715	0.12790929	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02262805	0.13143232	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02126787	0.1230386	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.00819611	0.0423728	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.02587944	0.15149665	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.09626971	0.585875	5.24E-05	0.0054581	-0.99133
7w11w_SITTC	0.08525144	0.5178813	4.76E-05	0.012059	-0.10433
7w11w_SITTC	0.01114237	0.06055416	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.03521868	0.20912907	4.74E-05	0.0045622	-0.10068
7w11w_SITTC	0.09136955	0.5556361	4.93E-05	0.0079874	-0.60562
7w11w_SITTC	0.01360328	0.0757404	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.08636633	0.52476126	4.77E-05	0.01133	-0.17867
7w11w_SITTC	0.01404063	0.07843933	3.86E-05	0.0062156	0.1561
7w11w_SITTC	0.02512327	0.1468303	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.0192279	0.11044996	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.06855399	0.4148413	5.93E-05	0.010465	0.20551
7w11w_SITTC	0.06787195	0.41063243	5.98E-05	0.010192	0.19812
7w11w_SITTC	0.01516428	0.08537336	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01637636	0.09285308	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.01064334	0.05747465	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01537454	0.08667086	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.07904507	0.4795817	4.97E-05	0.014318	0.17506
7w11w_SITTC	0.04505267	0.2698146	5.34E-05	0.0048194	-0.028317
7w11w_SITTC	0.03957422	0.2360071	4.95E-05	0.0046046	-0.067351
7w11w_SITTC	0.02874258	0.16916505	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.01975815	0.11372212	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01176516	0.06439739	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01597689	0.09038795	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02678707	0.15709762	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.0072986	0.03683426	3.50E-05	0.0074854	0.45576
7w11w_SITTC	0.02200265	0.12757294	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.04369789	0.26145428	5.21E-05	0.0047343	-0.038876
7w11w_SITTC	0.00828884	0.04294501	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.01400378	0.0782119	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01518097	0.08547636	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.06736826	0.40752417	6.03E-05	0.009922	0.19037
7w11w_SITTC	0.02854035	0.16791709	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.00698961	0.03492747	3.47E-05	0.0076096	0.48124
7w11w_SITTC	0.022657	0.13161096	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.02146441	0.12425146	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.07011025	0.42444494	5.76E-05	0.011297	0.22487

7w11w_SITTC	0.0182065	0.10414688	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01436791	0.08045894	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.06281278	0.37941223	6.35E-05	0.0078047	0.12359
7w11w_SITTC	0.02646878	0.15513343	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.0225046	0.13067049	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01727842	0.0984197	4.03E-05	0.005729	0.046584
7w11w_SITTC	0.01848402	0.10585951	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02131853	0.12335127	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.0196148	0.11283753	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.0983723	0.59885	5.40E-05	0.0046955	-1.1375
7w11w_SITTC	0.01731079	0.09861945	4.03E-05	0.005729	0.046584
7w11w_SITTC	0.08726022	0.53027743	4.79E-05	0.010571	-0.25808
7w11w_SITTC	0.08269131	0.5020827	4.79E-05	0.013563	0.02505
7w11w_SITTC	0.03025671	0.17850873	4.55E-05	0.0046645	-0.12245
7w11w_SITTC	0.02672342	0.1567048	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.01630976	0.09244209	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.00281977	0.00919539	3.26E-05	0.0085576	0.66457
7w11w_SITTC	0.04528642	0.27125713	5.34E-05	0.0048194	-0.028317
7w11w_SITTC	0.02029817	0.1170546	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02453675	0.1432109	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01644656	0.0932863	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.0115652	0.06316342	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.03328383	0.19718911	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.0178345	0.10185127	4.06E-05	0.0056572	0.030658
7w11w_SITTC	0.01757689	0.10026161	4.06E-05	0.0056572	0.046584
7w11w_SITTC	0.03215296	0.1902105	4.62E-05	0.0046026	-0.11821
7w11w_SITTC	0.03621486	0.2152765	4.77E-05	0.0045615	-0.092976
7w11w_SITTC	0.09391487	0.5713433	5.09E-05	0.0064439	-0.7829
7w11w_SITTC	0.04556473	0.27297455	5.39E-05	0.0048522	-0.024952
7w11w_SITTC	0.01563723	0.08829194	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.02808976	0.16513649	4.48E-05	0.0047558	-0.12174
7w11w_SITTC	0.00934883	0.04948618	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.02733634	0.16048716	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.0220931	0.1281311	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02531118	0.14798991	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.08488223	0.5156028	4.76E-05	0.012404	-0.10433
7w11w_SITTC	0.04676091	0.28035617	5.49E-05	0.0049251	-0.018376
7w11w_SITTC	0.03359945	0.19913681	4.68E-05	0.0045746	-0.11071
7w11w_SITTC	0.02027214	0.11689397	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.02743615	0.1611031	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.00978441	0.05217416	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.09730413	0.5922584	5.32E-05	0.0050496	-1.0673
7w11w_SITTC	0.02485331	0.14516437	4.36E-05	0.0049516	-0.10343

7w11w_SITTC	0.02380812	0.1387145	4.32E-05	0.0050338	-0.091842
7w11w_SITTC	0.05446096	0.32787317	6.14E-05	0.0057798	0.030074
7w11w_SITTC	0.01529166	0.0861594	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.02098211	0.12127518	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.01812273	0.10362998	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.02176475	0.12610485	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02476755	0.14463514	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.01278748	0.07070614	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.07934339	0.4814227	4.93E-05	0.014315	0.17506
7w11w_SITTC	0.03931516	0.23440845	4.92E-05	0.0045932	-0.071721
7w11w_SITTC	0.03458116	0.2051949	4.70E-05	0.0045688	-0.10426
7w11w_SITTC	0.01843197	0.10553829	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.02996619	0.17671597	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.02688931	0.15772852	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.08474276	0.5147422	4.76E-05	0.012404	-0.069378
7w11w_SITTC	0.07139178	0.43235326	5.65E-05	0.011849	0.2386
7w11w_SITTC	0.02548337	0.14905246	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.01867721	0.10705163	4.11E-05	0.0055212	0.015459
7w11w_SITTC	0.03443151	0.20427147	4.70E-05	0.0045688	-0.10761
7w11w_SITTC	0.01401368	0.07827302	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02263754	0.13149086	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.09123269	0.5547915	4.93E-05	0.0079874	-0.56091
7w11w_SITTC	0.0122169	0.06718504	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.09242728	0.56216335	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.02263083	0.13144948	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.01989555	0.11457004	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02087355	0.12060528	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.05055812	0.30378878	5.83E-05	0.0052672	0.0043724
7w11w_SITTC	0.036695	0.21823943	4.79E-05	0.0045625	-0.092976
7w11w_SITTC	0.04519385	0.27068585	5.34E-05	0.0048194	-0.028317
7w11w_SITTC	0.02360569	0.13746534	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.0191742	0.11011861	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.00788537	0.0404552	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.08056781	0.48897856	4.87E-05	0.014207	0.12269
7w11w_SITTC	0.05428064	0.32676044	6.14E-05	0.0057798	0.030074
7w11w_SITTC	0.00917051	0.04838578	3.59E-05	0.00713	0.35661
7w11w_SITTC	0.01154369	0.06303067	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01921799	0.11038878	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01368651	0.07625407	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.02988493	0.17621452	4.55E-05	0.0046645	-0.12301
7w11w_SITTC	0.02484313	0.14510153	4.36E-05	0.0049516	-0.10343
7w11w_SITTC	0.02640083	0.15471415	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.02411325	0.14059746	4.34E-05	0.0049916	-0.091842

7w11w_SITTC	0.01974997	0.11367163	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02470196	0.14423041	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.03296443	0.19521813	4.64E-05	0.0045915	-0.11352
7w11w_SITTC	0.01544756	0.08712146	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01190188	0.06524109	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.06193878	0.37401882	6.36E-05	0.0076138	0.10802
7w11w_SITTC	0.01238807	0.06824134	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01535864	0.08657275	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.0148121	0.08320004	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.01940325	0.11153203	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.01668181	0.09473801	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.0310688	0.18352015	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.02810301	0.1652183	4.48E-05	0.0047558	-0.12174
7w11w_SITTC	0.01702219	0.09683853	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.03158802	0.18672429	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.06896035	0.41734895	5.87E-05	0.010741	0.21248
7w11w_SITTC	0.01604319	0.09079713	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.01181895	0.0647293	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.07877861	0.47793743	4.97E-05	0.014318	0.18889
7w11w_SITTC	0.03849863	0.22936961	4.89E-05	0.0045836	-0.076088
7w11w_SITTC	0.09188027	0.55878776	4.96E-05	0.0076529	-0.6503
7w11w_SITTC	0.07159796	0.43362564	5.60E-05	0.012118	0.2386
7w11w_SITTC	0.02174701	0.12599541	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.0200769	0.11568914	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.06143498	0.37090984	6.37E-05	0.0074328	0.10072
7w11w_SITTC	0.11581627	0.70649683	6.53E-05	0.0042916	-1.2071
7w11w_SITTC	0.0325886	0.19289884	4.64E-05	0.0045915	-0.11603
7w11w_SITTC	0.01797066	0.10269156	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.0167265	0.09501381	4.00E-05	0.0058035	0.063215
7w11w_SITTC	0.02396006	0.13965215	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.0123795	0.06818849	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.00861106	0.04493345	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.01979735	0.11396405	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.00793054	0.04073397	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.0347357	0.2061486	4.72E-05	0.0045646	-0.10426
7w11w_SITTC	0.02416282	0.14090334	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.07668236	0.46500146	5.13E-05	0.014025	0.22792
7w11w_SITTC	0.05798504	0.34962028	6.34E-05	0.0065282	0.06315
7w11w_SITTC	0.03156203	0.1865639	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.00936278	0.04957232	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.02945887	0.1735853	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.02540386	0.14856179	4.38E-05	0.0049138	-0.10813
7w11w_SITTC	0.02322597	0.13512203	4.30E-05	0.0050782	-0.084895

7w11w_SITTC	0.02714863	0.15932879	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.09955965	0.6061772	5.49E-05	0.0043938	-1.2008
7w11w_SITTC	0.02905086	0.17106749	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.02647194	0.15515296	4.42E-05	0.0048445	-0.11546
7w11w_SITTC	0.05622431	0.3387548	6.24E-05	0.0060668	0.047788
7w11w_SITTC	0.04819589	0.28921145	5.58E-05	0.0050083	-0.0087048
7w11w_SITTC	0.01798855	0.10280191	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.01002692	0.05367073	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.03302813	0.19561118	4.64E-05	0.0045915	-0.11352
7w11w_SITTC	0.01514882	0.08527796	3.92E-05	0.0060428	0.11709
7w11w_SITTC	0.02644287	0.15497357	4.42E-05	0.0048445	-0.11213
7w11w_SITTC	0.01540755	0.0868746	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.06376544	0.38529113	6.30E-05	0.008216	0.14015
7w11w_SITTC	0.01985964	0.11434846	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02963039	0.17464373	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.01171418	0.06408276	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.01138893	0.06207568	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.04989966	0.29972544	5.78E-05	0.0052091	0.0010449
7w11w_SITTC	0.08793394	0.5344349	4.80E-05	0.010188	-0.29935
7w11w_SITTC	0.02496461	0.14585118	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.01506138	0.08473834	3.92E-05	0.0060428	0.1363
7w11w_SITTC	0.08831135	0.53676397	4.80E-05	0.010188	-0.3415
7w11w_SITTC	0.0114207	0.06227173	3.74E-05	0.0065941	0.263
7w11w_SITTC	0.02814397	0.16547106	4.48E-05	0.0047558	-0.12174
7w11w_SITTC	0.00841072	0.04369715	3.56E-05	0.0072456	0.40559
7w11w_SITTC	0.07817995	0.47424307	5.01E-05	0.014289	0.20103
7w11w_SITTC	0.01949855	0.11212015	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.02383016	0.1388505	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.08622494	0.52388865	4.77E-05	0.01133	-0.17867
7w11w_SITTC	0.00950883	0.0504736	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.02242665	0.13018946	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.03132544	0.18510388	4.58E-05	0.00463	-0.12002
7w11w_SITTC	0.00874627	0.04576783	3.59E-05	0.00713	0.38094
7w11w_SITTC	0.02680686	0.15721974	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.02103551	0.12160473	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.02005073	0.11552765	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.06673963	0.40364486	6.07E-05	0.0096573	0.18233
7w11w_SITTC	0.02736747	0.16067928	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.02177056	0.12614074	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01949711	0.11211128	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01730012	0.09855365	4.03E-05	0.005729	0.046584
7w11w_SITTC	0.08839092	0.5372549	4.82E-05	0.0098057	-0.3415
7w11w_SITTC	0.01532317	0.08635388	3.95E-05	0.0059603	0.11709

7w11w_SITTC	0.00248331	0.00711908	3.23E-05	0.0087041	0.69119
7w11w_SITTC	0.02169761	0.12569052	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.01111501	0.06038529	3.71E-05	0.0066957	0.2858
7w11w_SITTC	0.0245158	0.14308158	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02141196	0.12392777	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.00755805	0.03843532	3.50E-05	0.0074854	0.43054
7w11w_SITTC	0.02231487	0.12949963	4.28E-05	0.005125	-0.068556
7w11w_SITTC	0.04481885	0.2683717	5.30E-05	0.0047888	-0.028317
7w11w_SITTC	0.01216847	0.06688622	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01933847	0.11113228	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.08067866	0.48966262	4.87E-05	0.014207	0.12269
7w11w_SITTC	0.02309667	0.13432415	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.04617327	0.27672985	5.44E-05	0.0048874	-0.021643
7w11w_SITTC	0.02916616	0.17177898	4.51E-05	0.0047064	-0.1231
7w11w_SITTC	0.02562009	0.1498962	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.02509114	0.146632	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.02701602	0.15851045	4.44E-05	0.004813	-0.11816
7w11w_SITTC	0.05721219	0.34485102	6.30E-05	0.0062853	0.05269
7w11w_SITTC	0.03841826	0.2288737	4.87E-05	0.0045758	-0.076088
7w11w_SITTC	0.03094747	0.18277141	4.58E-05	0.00463	-0.12145
7w11w_SITTC	0.02442115	0.14249751	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02466827	0.14402251	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.06076841	0.3667965	6.38E-05	0.0072613	0.09374
7w11w_SITTC	0.01804873	0.10317332	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.013888	0.07749744	3.86E-05	0.0062156	0.17645
7w11w_SITTC	0.01995932	0.11496357	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01350488	0.07513319	3.83E-05	0.0063061	0.17645
7w11w_SITTC	0.0218845	0.12684387	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.00990512	0.05291909	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.02045775	0.11803935	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01790131	0.10226356	4.09E-05	0.0055879	0.030658
7w11w_SITTC	0.0212037	0.12264261	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.0207209	0.11966326	4.21E-05	0.0052798	-0.037579
7w11w_SITTC	0.03312144	0.19618699	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.00948543	0.05032916	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.03334548	0.19756958	4.66E-05	0.0045822	-0.11352
7w11w_SITTC	0.02902455	0.17090511	4.51E-05	0.0047064	-0.12268
7w11w_SITTC	0.05456996	0.3285458	6.14E-05	0.0057798	0.034245
7w11w_SITTC	0.01627335	0.09221743	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.0442734	0.26500577	5.25E-05	0.0047605	-0.035266
7w11w_SITTC	0.09246198	0.56237745	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.02032402	0.1172141	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.01436194	0.08042213	3.89E-05	0.0061278	0.1561

7w11w_SITTC	0.01192254	0.06536858	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.01958774	0.11267052	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.01676525	0.09525297	4.00E-05	0.0058035	0.063215
7w11w_SITTC	0.00782364	0.04007429	3.53E-05	0.0073641	0.43054
7w11w_SITTC	0.08284979	0.5030607	4.79E-05	0.013563	0.02505
7w11w_SITTC	0.02545021	0.14884785	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.02109743	0.12198685	4.21E-05	0.0052798	-0.04878
7w11w_SITTC	0.02388338	0.13917893	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.04470274	0.26765522	5.30E-05	0.0047888	-0.031751
7w11w_SITTC	0.05161633	0.31031898	5.92E-05	0.0053939	0.011221
7w11w_SITTC	0.01013487	0.05433687	3.65E-05	0.0069072	0.33263
7w11w_SITTC	0.08625959	0.5241025	4.77E-05	0.01133	-0.17867
7w11w_SITTC	0.02472526	0.14437419	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.02723089	0.15983641	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.01031977	0.05547788	3.68E-05	0.0068	0.30902
7w11w_SITTC	0.01269191	0.07011635	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.01347815	0.07496828	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.08989942	0.5465639	4.86E-05	0.0090548	-0.47194
7w11w_SITTC	0.07020927	0.42505598	5.76E-05	0.011297	0.23016
7w11w_SITTC	0.02209949	0.12817055	4.26E-05	0.0051742	-0.059109
7w11w_SITTC	0.02406748	0.14031503	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.09328588	0.5674618	5.06E-05	0.0067258	-0.73907
7w11w_SITTC	0.09600188	0.5842222	5.24E-05	0.0054581	-0.9515
7w11w_SITTC	0.0093386	0.04942311	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.02763917	0.16235591	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.01625682	0.09211544	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.03078615	0.18177594	4.57E-05	0.0046464	-0.12145
7w11w_SITTC	0.01952565	0.11228739	4.16E-05	0.0053955	-0.012659
7w11w_SITTC	0.07495382	0.45433468	5.28E-05	0.013537	0.24193
7w11w_SITTC	0.0868543	0.5277725	4.78E-05	0.010952	-0.21781
7w11w_SITTC	0.00969705	0.05163508	3.62E-05	0.0070172	0.35661
7w11w_SITTC	0.01660518	0.09426515	4.00E-05	0.0058035	0.080526
7w11w_SITTC	0.08783322	0.53381336	4.80E-05	0.010188	-0.29935
7w11w_SITTC	0.01606613	0.0909387	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.02533994	0.14816737	4.38E-05	0.0049138	-0.10343
7w11w_SITTC	0.08668423	0.52672297	4.77E-05	0.01133	-0.21781
7w11w_SITTC	0.02732875	0.16044028	4.46E-05	0.0047834	-0.11816
7w11w_SITTC	0.04035397	0.24081895	4.99E-05	0.0046177	-0.063007
7w11w_SITTC	0.07170504	0.43428645	5.60E-05	0.012118	0.2386
7w11w_SITTC	0.01227449	0.06754045	3.77E-05	0.0064954	0.24064
7w11w_SITTC	0.02656791	0.15574516	4.44E-05	0.004813	-0.11546
7w11w_SITTC	0.07939951	0.481769	4.93E-05	0.014315	0.15946
7w11w_SITTC	0.02824955	0.1661226	4.49E-05	0.0047302	-0.12174

7w11w_SITTC	0.0352766	0.20948651	4.74E-05	0.0045622	-0.10068
7w11w_SITTC	0.03834642	0.22843036	4.87E-05	0.0045758	-0.076088
7w11w_SITTC	0.09869882	0.600865	5.45E-05	0.0045382	-1.1375
7w11w_SITTC	0.02011182	0.11590461	4.19E-05	0.0053364	-0.025531
7w11w_SITTC	0.0131506	0.07294697	3.83E-05	0.0063061	0.19734
7w11w_SITTC	0.0236159	0.13752832	4.32E-05	0.0050338	-0.084895
7w11w_SITTC	0.08667704	0.52667856	4.77E-05	0.01133	-0.21781
7w11w_SITTC	0.09027606	0.54888815	4.88E-05	0.0086895	-0.51631
7w11w_SITTC	0.08727983	0.5303984	4.79E-05	0.010571	-0.25808
7w11w_SITTC	0.02461657	0.14370345	4.36E-05	0.0049516	-0.098011
7w11w_SITTC	0.0140979	0.07879274	3.89E-05	0.0061278	0.1561
7w11w_SITTC	0.01684	0.0957142	4.03E-05	0.005729	0.063215
7w11w_SITTC	0.0072228	0.0363665	3.50E-05	0.0074854	0.45576
7w11w_SITTC	0.02306766	0.13414516	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.05339062	0.3212681	6.05E-05	0.0056127	0.022172
7w11w_SITTC	0.09554968	0.5814317	5.20E-05	0.0056833	-0.91061
7w11w_SITTC	0.03175129	0.18773182	4.60E-05	0.0046154	-0.12002
7w11w_SITTC	0.02801707	0.16468792	4.48E-05	0.0047558	-0.12024
7w11w_SITTC	0.02841632	0.16715175	4.49E-05	0.0047302	-0.12174
7w11w_SITTC	0.07973674	0.48385003	4.90E-05	0.014278	0.15946
7w11w_SITTC	0.06657397	0.40262258	6.12E-05	0.0093985	0.18233
7w11w_SITTC	0.02928886	0.17253615	4.53E-05	0.0046846	-0.1231
7w11w_SITTC	0.02302351	0.13387267	4.30E-05	0.0050782	-0.077142
7w11w_SITTC	0.02545662	0.1488874	4.40E-05	0.0048781	-0.10813
7w11w_SITTC	0.03355734	0.19887692	4.66E-05	0.0045822	-0.11071
7w11w_SITTC	0.02380495	0.13869494	4.32E-05	0.0050338	-0.091842
7w11w_SITTC	0.00509784	0.02325335	3.38E-05	0.0079991	0.55892
7w11w_SITTC	0.02483531	0.14505328	4.36E-05	0.0049516	-0.10343
7w11w_SITTC	0.01538928	0.08676185	3.95E-05	0.0059603	0.11709
7w11w_SITTC	0.01924216	0.11053796	4.14E-05	0.0054571	0.0010121
7w11w_SITTC	0.02394593	0.13956492	4.34E-05	0.0049916	-0.091842
7w11w_SITTC	0.08115937	0.49262908	4.85E-05	0.0141	0.10139
7w11w_SITTC	0.01617498	0.09161039	3.98E-05	0.0058806	0.098494
7w11w_SITTC	0.01251833	0.06904517	3.80E-05	0.0063994	0.21875
7w11w_SITTC	0.02146242	0.12423917	4.24E-05	0.0052258	-0.04878
7w11w_SITTC	0.04669639	0.27995804	5.49E-05	0.0049251	-0.018376
7w11w_SITTC	0.09241551	0.5620907	4.99E-05	0.0073308	-0.69483
7w11w_SITTC	0.07994372	0.4851273	4.90E-05	0.014278	0.14202
7w11w_SITTI	0.02775265	0.16305621	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.09402088	0.57199746	5.09E-05	0.0064439	-0.82618
7w11w_SITTI	0.09151401	0.55652755	4.93E-05	0.0079874	-0.60562
7w11w_SITTI	0.07782672	0.47206327	5.05E-05	0.014229	0.20103
7w11w_SITTI	0.02502385	0.14621681	4.38E-05	0.0049138	-0.10343

7w11w_SITTI	0.03409165	0.20217417	4.68E-05	0.0045746	-0.10761
7w11w_SITTI	0.02835519	0.16677448	4.49E-05	0.0047302	-0.12174
7w11w_SITTI	0.02939019	0.17316145	4.53E-05	0.0046846	-0.1231
7w11w_SITTI	0.02699312	0.15836914	4.44E-05	0.004813	-0.11816
7w11w_SITTI	0.01846423	0.10573737	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.09172225	0.5578126	4.96E-05	0.0076529	-0.60562
7w11w_SITTI	0.01987667	0.11445352	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.01391328	0.07765345	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.08874372	0.53943205	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.06944405	0.42033386	5.82E-05	0.011019	0.21895
7w11w_SITTI	0.08800583	0.5348786	4.80E-05	0.010188	-0.29935
7w11w_SITTI	0.02964368	0.17472573	4.53E-05	0.0046846	-0.1231
7w11w_SITTI	0.02818329	0.16571365	4.49E-05	0.0047302	-0.12174
7w11w_SITTI	0.01784656	0.10192574	4.06E-05	0.0056572	0.030658
7w11w_SITTI	0.08348607	0.5069871	4.77E-05	0.013036	-0.0045591
7w11w_SITTI	0.03907359	0.23291773	4.92E-05	0.0045932	-0.071721
7w11w_SITTI	0.02546511	0.14893982	4.40E-05	0.0048781	-0.10813
7w11w_SITTI	0.08116742	0.49267873	4.85E-05	0.0141	0.10139
7w11w_SITTI	0.04349123	0.260179	5.21E-05	0.0047343	-0.038876
7w11w_SITTI	0.08767673	0.53284764	4.79E-05	0.010571	-0.29935
7w11w_SITTI	0.01953225	0.11232812	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.04110829	0.24547385	5.02E-05	0.0046325	-0.054504
7w11w_SITTI	0.08954579	0.5443817	4.86E-05	0.0090548	-0.42792
7w11w_SITTI	0.04044193	0.24136172	4.99E-05	0.0046177	-0.063007
7w11w_SITTI	0.05876325	0.35442263	6.35E-05	0.0066597	0.068735
7w11w_SITTI	0.08373641	0.5085319	4.77E-05	0.013036	-0.036078
7w11w_SITTI	0.06208204	0.37490287	6.36E-05	0.0076138	0.10802
7w11w_SITTI	0.03432179	0.20359436	4.70E-05	0.0045688	-0.10761
7w11w_SITTI	0.02267082	0.1316962	4.28E-05	0.005125	-0.077142
7w11w_SITTI	0.09840062	0.5990248	5.40E-05	0.0046955	-1.1375
7w11w_SITTI	0.03080414	0.18188697	4.57E-05	0.0046464	-0.12145
7w11w_SITTI	0.08491334	0.5157948	4.76E-05	0.012404	-0.10433
7w11w_SITTI	0.09477663	0.57666117	5.13E-05	0.0061762	-0.8688
7w11w_SITTI	0.02754335	0.1617646	4.46E-05	0.0047834	-0.12024
7w11w_SITTI	0.02093885	0.12100825	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.09248389	0.5625127	4.99E-05	0.0073308	-0.69483
7w11w_SITTI	0.0131724	0.07308146	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.02158525	0.1249972	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.01265643	0.06989744	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.01046159	0.05635304	3.68E-05	0.0068	0.30902
7w11w_SITTI	0.00862495	0.04501918	3.56E-05	0.0072456	0.38094
7w11w_SITTI	0.07956708	0.48280308	4.93E-05	0.014315	0.15946
7w11w_SITTI	0.01688868	0.09601462	4.03E-05	0.005729	0.063215

7w11w_SITTI	0.01765943	0.10077091	4.06E-05	0.0056572	0.046584
7w11w_SITTI	0.02213767	0.12840617	4.26E-05	0.0051742	-0.068556
7w11w_SITTI	0.03676948	0.21869905	4.79E-05	0.0045625	-0.088896
7w11w_SITTI	0.01860608	0.10661269	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.01913986	0.10990666	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.01418062	0.07930321	3.89E-05	0.0061278	0.1561
7w11w_SITTI	0.02879665	0.16949871	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.0195754	0.1125944	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.09366782	0.56981874	5.06E-05	0.0067258	-0.7829
7w11w_SITTI	0.03999511	0.23860441	4.95E-05	0.0046046	-0.063007
7w11w_SITTI	0.06665275	0.40310872	6.07E-05	0.0096573	0.18233
7w11w_SITTI	0.08292822	0.5035446	4.78E-05	0.013315	0.02505
7w11w_SITTI	0.08813808	0.5356947	4.80E-05	0.010188	-0.3415
7w11w_SITTI	0.01040087	0.05597835	3.68E-05	0.0068	0.30902
7w11w_SITTI	0.02271632	0.13197704	4.28E-05	0.005125	-0.077142
7w11w_SITTI	0.08977241	0.5457801	4.86E-05	0.0090548	-0.47194
7w11w_SITTI	0.02619175	0.15342389	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.014947	0.08403252	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.03202418	0.18941584	4.62E-05	0.0046026	-0.11821
7w11w_SITTI	0.03550358	0.21088718	4.74E-05	0.0045622	-0.10068
7w11w_SITTI	0.00400335	0.01649928	3.32E-05	0.0082728	0.61153
7w11w_SITTI	0.06741569	0.40781686	6.03E-05	0.009922	0.19037
7w11w_SITTI	0.08347663	0.50692886	4.77E-05	0.013036	-0.0045591
7w11w_SITTI	0.0251375	0.1469181	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.08703335	0.52887744	4.78E-05	0.010952	-0.25808
7w11w_SITTI	0.02631124	0.15416127	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.01493595	0.0839643	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.02243047	0.13021304	4.28E-05	0.005125	-0.068556
7w11w_SITTI	0.0097209	0.05178223	3.62E-05	0.0070172	0.33263
7w11w_SITTI	0.05025497	0.30191803	5.78E-05	0.0052091	0.0043724
7w11w_SITTI	0.00932225	0.04932217	3.62E-05	0.0070172	0.35661
7w11w_SITTI	0.02587277	0.15145543	4.40E-05	0.0048781	-0.10813
7w11w_SITTI	0.06643704	0.4017776	6.12E-05	0.0093985	0.18233
7w11w_SITTI	0.07904811	0.47960046	4.97E-05	0.014318	0.17506
7w11w_SITTI	0.06295109	0.38026577	6.33E-05	0.0080056	0.12359
7w11w_SITTI	0.08763772	0.53260696	4.79E-05	0.010571	-0.29935
7w11w_SITTI	0.02340813	0.13624616	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.01625362	0.09209568	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.09232524	0.56153363	4.99E-05	0.0073308	-0.6503
7w11w_SITTI	0.02923759	0.17221974	4.51E-05	0.0047064	-0.1231
7w11w_SITTI	0.01345284	0.07481206	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.03850614	0.22941598	4.89E-05	0.0045836	-0.076088
7w11w_SITTI	0.03290991	0.19488166	4.64E-05	0.0045915	-0.11603

7w11w_SITTI	0.06884106	0.4166128	5.87E-05	0.010741	0.21248
7w11w_SITTI	0.0243132	0.14183137	4.34E-05	0.0049916	-0.098011
7w11w_SITTI	0.01192634	0.06539205	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.01106997	0.0601074	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.03937429	0.23477334	4.92E-05	0.0045932	-0.071721
7w11w_SITTI	0.07904963	0.4796099	4.97E-05	0.014318	0.17506
7w11w_SITTI	0.08082641	0.4905744	4.85E-05	0.0141	0.12269
7w11w_SITTI	0.02398306	0.13979408	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.02182086	0.1264511	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.02502118	0.14620027	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.02761561	0.16221055	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.01668988	0.09478784	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.01524887	0.08589535	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.0252818	0.1478086	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.03502541	0.20793642	4.72E-05	0.0045646	-0.10426
7w11w_SITTI	0.01360342	0.07574131	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.08563189	0.520229	4.76E-05	0.0117	-0.14081
7w11w_SITTI	0.03962884	0.23634417	4.95E-05	0.0046046	-0.067351
7w11w_SITTI	0.00714572	0.03589081	3.50E-05	0.0074854	0.45576
7w11w_SITTI	0.05744691	0.3462995	6.32E-05	0.0064035	0.057806
7w11w_SITTI	0.02297776	0.13359036	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.07422024	0.44980773	5.38E-05	0.013116	0.24406
7w11w_SITTI	0.08720166	0.529916	4.78E-05	0.010952	-0.25808
7w11w_SITTI	0.01281894	0.07090024	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.09198736	0.5594486	4.96E-05	0.0076529	-0.6503
7w11w_SITTI	0.04672324	0.2801237	5.49E-05	0.0049251	-0.018376
7w11w_SITTI	0.02877341	0.16935532	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.01998249	0.11510655	4.16E-05	0.0053955	-0.025531
7w11w_SITTI	0.07525407	0.45618746	5.28E-05	0.013537	0.23858
7w11w_SITTI	0.0329539	0.19515315	4.64E-05	0.0045915	-0.11352
7w11w_SITTI	0.01231343	0.06778075	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.05108906	0.30706516	5.87E-05	0.0053288	0.0077602
7w11w_SITTI	0.02275115	0.13219194	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.03106027	0.18346752	4.58E-05	0.00463	-0.12145
7w11w_SITTI	0.07629872	0.46263403	5.18E-05	0.013885	0.22792
7w11w_SITTI	0.01230349	0.06771945	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.01233574	0.06791844	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.06224302	0.37589625	6.36E-05	0.0076138	0.11565
7w11w_SITTI	0.01560623	0.08810064	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.07007653	0.42423686	5.76E-05	0.011297	0.22487
7w11w_SITTI	0.08651969	0.5257076	4.77E-05	0.01133	-0.21781
7w11w_SITTI	0.02878984	0.16945668	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.05377608	0.3236468	6.10E-05	0.005694	0.026054

7w11w_SITTI	0.01208514	0.06637197	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.02506878	0.14649402	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.05783537	0.34869668	6.32E-05	0.0064035	0.06315
7w11w_SITTI	0.08499793	0.51631683	4.76E-05	0.012404	-0.10433
7w11w_SITTI	0.062199	0.37562463	6.36E-05	0.0076138	0.11565
7w11w_SITTI	0.07990629	0.48489636	4.90E-05	0.014278	0.15946
7w11w_SITTI	0.05770455	0.3478894	6.32E-05	0.0064035	0.057806
7w11w_SITTI	0.08596078	0.5222585	4.76E-05	0.0117	-0.17867
7w11w_SITTI	0.07466918	0.45257813	5.33E-05	0.013335	0.24193
7w11w_SITTI	0.02216193	0.12855585	4.26E-05	0.0051742	-0.068556
7w11w_SITTI	0.01428713	0.07996048	3.89E-05	0.0061278	0.1561
7w11w_SITTI	0.01551621	0.08754514	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.01648794	0.09354166	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.02011561	0.11592802	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.01231739	0.06780517	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.02386006	0.13903505	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.03836536	0.22854722	4.87E-05	0.0045758	-0.076088
7w11w_SITTI	0.08207737	0.49829406	4.81E-05	0.013778	0.078055
7w11w_SITTI	0.01387893	0.07744145	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.00689764	0.03435989	3.47E-05	0.0076096	0.48124
7w11w_SITTI	0.06604471	0.3993565	6.16E-05	0.0091463	0.17407
7w11w_SITTI	0.01018204	0.05462796	3.65E-05	0.0069072	0.33263
7w11w_SITTI	0.07981574	0.48433754	4.90E-05	0.014278	0.15946
7w11w_SITTI	0.03854826	0.22967589	4.89E-05	0.0045836	-0.076088
7w11w_SITTI	0.08332954	0.5060212	4.78E-05	0.013315	-0.0045591
7w11w_SITTI	0.01922028	0.11040294	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.07513461	0.45545033	5.28E-05	0.013537	0.23858
7w11w_SITTI	0.07633133	0.46283528	5.18E-05	0.013885	0.22792
7w11w_SITTI	0.01532336	0.08635502	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.00935441	0.04952062	3.62E-05	0.0070172	0.35661
7w11w_SITTI	0.09266235	0.56361395	5.02E-05	0.0070215	-0.69483
7w11w_SITTI	0.0413497	0.2469636	5.05E-05	0.0046492	-0.054504
7w11w_SITTI	0.02438377	0.14226687	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.05556462	0.3346839	6.21E-05	0.005966	0.038579
7w11w_SITTI	0.00831048	0.04307856	3.56E-05	0.0072456	0.40559
7w11w_SITTI	0.06382258	0.38564372	6.30E-05	0.008216	0.14015
7w11w_SITTI	0.0167638	0.09524401	4.00E-05	0.0058035	0.063215
7w11w_SITTI	0.01805711	0.10322501	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.0990087	0.6027773	5.45E-05	0.0045382	-1.1701
7w11w_SITTI	0.07998521	0.48538333	4.90E-05	0.014278	0.14202
7w11w_SITTI	0.04388012	0.26257882	5.25E-05	0.0047605	-0.035266
7w11w_SITTI	0.02696705	0.15820828	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.01655225	0.09393852	4.00E-05	0.0058035	0.080526

7w11w_SITTI	0.07172994	0.4344401	5.60E-05	0.012118	0.2386
7w11w_SITTI	0.03438575	0.20398907	4.70E-05	0.0045688	-0.10761
7w11w_SITTI	0.10416051	0.6345691	5.86E-05	0.0036344	-1.3662
7w11w_SITTI	0.02295678	0.13346091	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.04234138	0.25308323	5.13E-05	0.0046879	-0.04643
7w11w_SITTI	0.08528689	0.5181	4.76E-05	0.012059	-0.10433
7w11w_SITTI	0.03179704	0.18801416	4.60E-05	0.0046154	-0.12002
7w11w_SITTI	0.01692875	0.09626191	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.01193048	0.0654176	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.07195912	0.43585438	5.60E-05	0.012118	0.24161
7w11w_SITTI	0.02143763	0.1240862	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.0114756	0.06261052	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.03075028	0.18155456	4.57E-05	0.0046464	-0.12245
7w11w_SITTI	0.07279644	0.44102144	5.49E-05	0.012637	0.24373
7w11w_SITTI	0.0733325	0.4443295	5.43E-05	0.012883	0.24489
7w11w_SITTI	0.05628493	0.33912894	6.24E-05	0.0060668	0.047788
7w11w_SITTI	0.02551401	0.14924155	4.40E-05	0.0048781	-0.10813
7w11w_SITTI	0.01721767	0.09804484	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.07762658	0.47082824	5.05E-05	0.014229	0.21153
7w11w_SITTI	0.01537297	0.08666119	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.01130225	0.06154079	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.08996439	0.5469648	4.88E-05	0.0086895	-0.47194
7w11w_SITTI	0.01569135	0.0886259	3.95E-05	0.0059603	0.098494
7w11w_SITTI	0.02272613	0.13203758	4.28E-05	0.005125	-0.077142
7w11w_SITTI	0.08136454	0.4938952	4.83E-05	0.013957	0.10139
7w11w_SITTI	0.08181052	0.49664733	4.83E-05	0.013957	0.078055
7w11w_SITTI	0.09719715	0.59159815	5.32E-05	0.0050496	-1.03
7w11w_SITTI	0.02434983	0.1420574	4.34E-05	0.0049916	-0.098011
7w11w_SITTI	0.1026014	0.62494785	5.74E-05	0.0037844	-1.3227
7w11w_SITTI	0.02669363	0.156521	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.01549543	0.0874169	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.05577497	0.33598194	6.21E-05	0.005966	0.043089
7w11w_SITTI	0.01348438	0.07500666	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.02522758	0.14747396	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.01430624	0.08007836	3.89E-05	0.0061278	0.1561
7w11w_SITTI	0.02501888	0.14618614	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.02011263	0.11590964	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.02435829	0.1421096	4.34E-05	0.0049916	-0.098011
7w11w_SITTI	0.03474917	0.2062317	4.72E-05	0.0045646	-0.10426
7w11w_SITTI	0.0175704	0.1002215	4.06E-05	0.0056572	0.046584
7w11w_SITTI	0.02483912	0.14507681	4.36E-05	0.0049516	-0.10343
7w11w_SITTI	0.02305768	0.13408357	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.08019636	0.48668635	4.87E-05	0.014207	0.14202

7w11w_SITTI	0.07685593	0.46607256	5.13E-05	0.014025	0.22047
7w11w_SITTI	0.02354358	0.13708204	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.03532755	0.20980088	4.74E-05	0.0045622	-0.10068
7w11w_SITTI	0.01600184	0.09054195	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.0703678	0.4260343	5.76E-05	0.011297	0.23016
7w11w_SITTI	0.03520867	0.20906731	4.74E-05	0.0045622	-0.10068
7w11w_SITTI	0.01338325	0.07438265	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.05824327	0.3512138	6.34E-05	0.0065282	0.06315
7w11w_SITTI	0.0691682	0.41863155	5.87E-05	0.010741	0.21895
7w11w_SITTI	0.00968208	0.05154269	3.62E-05	0.0070172	0.35661
7w11w_SITTI	0.02325522	0.13530254	4.30E-05	0.0050782	-0.084895
7w11w_SITTI	0.09299146	0.5656449	5.02E-05	0.0070215	-0.73907
7w11w_SITTI	0.01838423	0.10524368	4.09E-05	0.0055879	0.015459
7w11w_SITTI	0.02198801	0.1274826	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.03905748	0.2328183	4.92E-05	0.0045932	-0.071721
7w11w_SITTI	0.09364412	0.56967247	5.06E-05	0.0067258	-0.7829
7w11w_SITTI	0.0169233	0.09622829	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.02143233	0.12405351	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.00797398	0.04100199	3.53E-05	0.0073641	0.43054
7w11w_SITTI	0.08752378	0.53190386	4.79E-05	0.010571	-0.29935
7w11w_SITTI	0.06691877	0.40475032	6.07E-05	0.0096573	0.18233
7w11w_SITTI	0.04270982	0.2553569	5.13E-05	0.0046879	-0.042593
7w11w_SITTI	0.02144594	0.12413748	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.08894896	0.5406986	4.84E-05	0.0094274	-0.3844
7w11w_SITTI	0.01665427	0.09456807	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.01471401	0.08259472	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.02334556	0.13586003	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.07608265	0.46130067	5.18E-05	0.013885	0.23393
7w11w_SITTI	0.03622837	0.2153599	4.77E-05	0.0045615	-0.092976
7w11w_SITTI	0.09131526	0.5553011	4.93E-05	0.0079874	-0.60562
7w11w_SITTI	0.05048093	0.3033124	5.83E-05	0.0052672	0.0043724
7w11w_SITTI	0.015245	0.08587145	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.017178	0.09779999	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.03060237	0.18064183	4.57E-05	0.0046464	-0.12245
7w11w_SITTI	0.06691143	0.40470505	6.07E-05	0.0096573	0.18233
7w11w_SITTI	0.03301017	0.19550039	4.64E-05	0.0045915	-0.11352
7w11w_SITTI	0.01172823	0.0641695	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.06188588	0.3736924	6.36E-05	0.0076138	0.10802
7w11w_SITTI	0.08241055	0.5003501	4.79E-05	0.013563	0.05262
7w11w_SITTI	0.01919559	0.11025056	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.02411475	0.14060672	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.0519134	0.31215218	5.92E-05	0.0053939	0.014768
7w11w_SITTI	0.01783305	0.10184234	4.06E-05	0.0056572	0.030658

7w11w_SITTI	0.01698396	0.0966026	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.0221702	0.12860689	4.26E-05	0.0051742	-0.068556
7w11w_SITTI	0.03918653	0.23361465	4.92E-05	0.0045932	-0.071721
7w11w_SITTI	0.04581929	0.27454543	5.39E-05	0.0048522	-0.024952
7w11w_SITTI	0.07334863	0.44442898	5.43E-05	0.012883	0.24489
7w11w_SITTI	0.02446549	0.14277115	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.01162578	0.06353728	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.01496247	0.08412802	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.08971085	0.5454002	4.86E-05	0.0090548	-0.47194
7w11w_SITTI	0.00994056	0.05313779	3.65E-05	0.0069072	0.33263
7w11w_SITTI	0.01151138	0.06283131	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.01143893	0.0623842	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.01326345	0.07364333	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.0936572	0.56975317	5.06E-05	0.0067258	-0.7829
7w11w_SITTI	0.01494317	0.08400887	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.03497358	0.20761654	4.72E-05	0.0045646	-0.10426
7w11w_SITTI	0.02702505	0.15856618	4.44E-05	0.004813	-0.11816
7w11w_SITTI	0.03417358	0.20267977	4.70E-05	0.0045688	-0.10761
7w11w_SITTI	0.05866174	0.35379624	6.35E-05	0.0066597	0.068735
7w11w_SITTI	0.04109321	0.24538079	5.02E-05	0.0046325	-0.054504
7w11w_SITTI	0.09613226	0.58502674	5.24E-05	0.0054581	-0.99133
7w11w_SITTI	0.04696499	0.28161556	5.49E-05	0.0049251	-0.018376
7w11w_SITTI	0.01191274	0.06530812	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.0962145	0.5855343	5.24E-05	0.0054581	-0.99133
7w11w_SITTI	0.07387855	0.44769913	5.38E-05	0.013116	0.24502
7w11w_SITTI	0.02610195	0.15286975	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.03008515	0.17745009	4.55E-05	0.0046645	-0.12301
7w11w_SITTI	0.02884596	0.16980302	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.02351735	0.13692018	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.08968003	0.54521006	4.86E-05	0.0090548	-0.47194
7w11w_SITTI	0.02800982	0.1646432	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.02497759	0.14593133	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.02957184	0.17428245	4.53E-05	0.0046846	-0.1231
7w11w_SITTI	0.08002603	0.48563525	4.90E-05	0.014278	0.14202
7w11w_SITTI	0.02886551	0.16992366	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.04759365	0.285495	5.53E-05	0.0049654	-0.01192
7w11w_SITTI	0.079941	0.48511052	4.90E-05	0.014278	0.14202
7w11w_SITTI	0.08005668	0.4858244	4.90E-05	0.014278	0.14202
7w11w_SITTI	0.01908349	0.10955878	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.01833917	0.10496564	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.08684325	0.52770424	4.78E-05	0.010952	-0.21781
7w11w_SITTI	0.08812466	0.53561187	4.80E-05	0.010188	-0.3415
7w11w_SITTI	0.08772284	0.53313226	4.79E-05	0.010571	-0.29935

7w11w_SITTI	0.01256949	0.06936093	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.09887421	0.60194737	5.45E-05	0.0045382	-1.1701
7w11w_SITTI	0.0098588	0.05263324	3.65E-05	0.0069072	0.33263
7w11w_SITTI	0.00895142	0.04703377	3.59E-05	0.00713	0.38094
7w11w_SITTI	0.0149452	0.08402143	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.08209267	0.49838847	4.81E-05	0.013778	0.05262
7w11w_SITTI	0.0528205	0.31774992	6.01E-05	0.0055357	0.018414
7w11w_SITTI	0.01664156	0.09448963	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.02598535	0.1521502	4.40E-05	0.0048781	-0.11213
7w11w_SITTI	0.01912878	0.1098383	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.0201537	0.11616308	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.01557327	0.08789725	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.01681748	0.09557526	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.01425928	0.07978859	3.89E-05	0.0061278	0.1561
7w11w_SITTI	0.10237711	0.62356377	5.70E-05	0.0038563	-1.3227
7w11w_SITTI	0.08107874	0.4921315	4.85E-05	0.0141	0.10139
7w11w_SITTI	0.09693147	0.5899587	5.28E-05	0.0052469	-1.03
7w11w_SITTI	0.01888988	0.10836407	4.11E-05	0.0055212	0.0010121
7w11w_SITTI	0.02974261	0.17533626	4.53E-05	0.0046846	-0.12301
7w11w_SITTI	0.03211618	0.18998355	4.62E-05	0.0046026	-0.11821
7w11w_SITTI	0.0780749	0.47359478	5.01E-05	0.014289	0.20103
7w11w_SITTI	0.07943434	0.48198396	4.93E-05	0.014315	0.15946
7w11w_SITTI	0.02757604	0.16196634	4.46E-05	0.0047834	-0.12024
7w11w_SITTI	0.03264684	0.19325827	4.64E-05	0.0045915	-0.11603
7w11w_SITTI	0.08538971	0.5187345	4.76E-05	0.012059	-0.14081
7w11w_SITTI	0.01711667	0.09742158	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.0338365	0.20059961	4.68E-05	0.0045746	-0.11071
7w11w_SITTI	0.0245584	0.14334446	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.01318928	0.07318562	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.08871163	0.53923404	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.0464758	0.27859676	5.44E-05	0.0048874	-0.018376
7w11w_SITTI	0.0181456	0.10377107	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.00907018	0.04776667	3.59E-05	0.00713	0.38094
7w11w_SITTI	0.02399442	0.13986416	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.02330115	0.13558596	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.04944794	0.29693782	5.73E-05	0.0051543	-0.0022352
7w11w_SITTI	0.02192769	0.12711038	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.08098942	0.49158034	4.85E-05	0.0141	0.12269
7w11w_SITTI	0.09072731	0.5516728	4.91E-05	0.0083333	-0.56091
7w11w_SITTI	0.08669166	0.52676886	4.78E-05	0.010952	-0.21781
7w11w_SITTI	0.05322962	0.32027456	6.05E-05	0.0056127	0.022172
7w11w_SITTI	0.06688532	0.40454388	6.07E-05	0.0096573	0.18233
7w11w_SITTI	0.08394512	0.5098199	4.77E-05	0.013036	-0.036078

7w11w_SITTI	0.02373645	0.13827223	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.084061	0.510535	4.76E-05	0.012731	-0.036078
7w11w_SITTI	0.03058798	0.18055306	4.57E-05	0.0046464	-0.12245
7w11w_SITTI	0.01788479	0.1021616	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.06173415	0.37275603	6.37E-05	0.0074328	0.10802
7w11w_SITTI	0.02273237	0.13207605	4.28E-05	0.005125	-0.077142
7w11w_SITTI	0.01621767	0.0918738	3.98E-05	0.0058806	0.080526
7w11w_SITTI	0.02981619	0.17579031	4.55E-05	0.0046645	-0.12301
7w11w_SITTI	0.09162182	0.55719286	4.96E-05	0.0076529	-0.60562
7w11w_SITTI	0.08003843	0.48571175	4.90E-05	0.014278	0.14202
7w11w_SITTI	0.08168016	0.4958429	4.83E-05	0.013957	0.078055
7w11w_SITTI	0.0182701	0.10453938	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.07023519	0.42521593	5.76E-05	0.011297	0.23016
7w11w_SITTI	0.09800691	0.5965952	5.36E-05	0.0048658	-1.1032
7w11w_SITTI	0.03287143	0.19464421	4.64E-05	0.0045915	-0.11603
7w11w_SITTI	0.07714613	0.46786338	5.09E-05	0.014141	0.22047
7w11w_SITTI	0.08348577	0.50698525	4.77E-05	0.013036	-0.0045591
7w11w_SITTI	0.01064545	0.05748763	3.68E-05	0.0068	0.30902
7w11w_SITTI	0.02033314	0.11727042	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.0272281	0.15981923	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.0191797	0.11015254	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.02137528	0.12370147	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.02973096	0.17526433	4.53E-05	0.0046846	-0.12301
7w11w_SITTI	0.02688698	0.15771417	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.0220073	0.12760162	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.01509753	0.08496147	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.01877771	0.10767183	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.04105188	0.24512577	5.02E-05	0.0046325	-0.054504
7w11w_SITTI	0.03540454	0.21027602	4.74E-05	0.0045622	-0.10068
7w11w_SITTI	0.02212098	0.1283032	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.01689668	0.09606399	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.09478498	0.5767127	5.13E-05	0.0061762	-0.8688
7w11w_SITTI	0.01147914	0.06263238	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.01159787	0.06336506	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.02278792	0.13241883	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.08702943	0.5288532	4.78E-05	0.010952	-0.25808
7w11w_SITTI	0.02588142	0.15150884	4.40E-05	0.0048781	-0.10813
7w11w_SITTI	0.01638153	0.09288501	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.02633062	0.15428084	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.03137008	0.18537936	4.58E-05	0.00463	-0.12002
7w11w_SITTI	0.06985422	0.42286497	5.82E-05	0.011019	0.22487
7w11w_SITTI	0.00793203	0.04074311	3.53E-05	0.0073641	0.43054
7w11w_SITTI	0.01511502	0.08506938	3.92E-05	0.0060428	0.11709

7w11w_SITTI	0.02067348	0.11937062	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.07650898	0.46393156	5.13E-05	0.014025	0.22792
7w11w_SITTI	0.02058382	0.11881734	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.02374232	0.13830844	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.01099827	0.05966489	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.08950447	0.54412663	4.86E-05	0.0090548	-0.42792
7w11w_SITTI	0.08680557	0.5274717	4.78E-05	0.010952	-0.21781
7w11w_SITTI	0.0829094	0.50342846	4.78E-05	0.013315	0.02505
7w11w_SITTI	0.01141328	0.06222591	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.02657565	0.15579292	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.09925825	0.60431725	5.49E-05	0.0043938	-1.1701
7w11w_SITTI	0.02880377	0.16954269	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.02426624	0.14154159	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.00918588	0.04848064	3.59E-05	0.00713	0.35661
7w11w_SITTI	0.05536947	0.33347958	6.21E-05	0.005966	0.038579
7w11w_SITTI	0.01267526	0.07001361	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.0167888	0.09539826	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.01608887	0.091079	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.02245477	0.13036302	4.28E-05	0.005125	-0.068556
7w11w_SITTI	0.09352022	0.5689079	5.06E-05	0.0067258	-0.7829
7w11w_SITTI	0.02667135	0.1563835	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.05781061	0.34854388	6.32E-05	0.0064035	0.06315
7w11w_SITTI	0.01417487	0.0792677	3.89E-05	0.0061278	0.1561
7w11w_SITTI	0.04192326	0.250503	5.09E-05	0.0046676	-0.0504
7w11w_SITTI	0.01525005	0.08590262	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.06850533	0.414541	5.93E-05	0.010465	0.20551
7w11w_SITTI	0.08375727	0.50866073	4.77E-05	0.013036	-0.036078
7w11w_SITTI	0.06675167	0.4037192	6.07E-05	0.0096573	0.18233
7w11w_SITTI	0.02092915	0.12094836	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.02728344	0.1601607	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.08177578	0.496433	4.83E-05	0.013957	0.078055
7w11w_SITTI	0.07317004	0.44332695	5.43E-05	0.012883	0.24489
7w11w_SITTI	0.01913188	0.10985742	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.01568013	0.08855669	3.95E-05	0.0059603	0.098494
7w11w_SITTI	0.08887481	0.54024106	4.84E-05	0.0094274	-0.3844
7w11w_SITTI	0.07502607	0.45478052	5.28E-05	0.013537	0.24193
7w11w_SITTI	0.01575832	0.08903918	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.02726532	0.16004889	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.01615259	0.09147222	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.0301023	0.17755592	4.55E-05	0.0046645	-0.12301
7w11w_SITTI	0.00511293	0.02334648	3.38E-05	0.0079991	0.55892
7w11w_SITTI	0.00783532	0.04014635	3.53E-05	0.0073641	0.43054
7w11w_SITTI	0.0707875	0.42862427	5.71E-05	0.011574	0.23476

7w11w_SITTI	0.07854959	0.47652417	5.01E-05	0.014289	0.18889
7w11w_SITTI	0.08382242	0.50906277	4.77E-05	0.013036	-0.036078
7w11w_SITTI	0.10531102	0.6416689	5.94E-05	0.0035815	-1.3882
7w11w_SITTI	0.03507407	0.20823666	4.72E-05	0.0045646	-0.10426
7w11w_SITTI	0.05546491	0.33406854	6.21E-05	0.005966	0.038579
7w11w_SITTI	0.10151059	0.61821645	5.66E-05	0.0039398	-1.2808
7w11w_SITTI	0.0612793	0.3699492	6.37E-05	0.0074328	0.10072
7w11w_SITTI	0.08326984	0.5056528	4.78E-05	0.013315	-0.0045591
7w11w_SITTI	0.09760553	0.5941183	5.36E-05	0.0048658	-1.0673
7w11w_SITTI	0.01488682	0.08366112	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.01024803	0.05503515	3.65E-05	0.0069072	0.30902
7w11w_SITTI	0.07350257	0.445379	5.43E-05	0.012883	0.24502
7w11w_SITTI	0.02368243	0.1379389	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.09234742	0.56167054	4.99E-05	0.0073308	-0.69483
7w11w_SITTI	0.06671776	0.4035099	6.07E-05	0.0096573	0.18233
7w11w_SITTI	0.0208609	0.12052721	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.03272057	0.19371322	4.64E-05	0.0045915	-0.11603
7w11w_SITTI	0.05818357	0.35084543	6.34E-05	0.0065282	0.06315
7w11w_SITTI	0.08456781	0.5136625	4.76E-05	0.012404	-0.069378
7w11w_SITTI	0.08503111	0.5165216	4.76E-05	0.012404	-0.10433
7w11w_SITTI	0.08599321	0.5224587	4.76E-05	0.0117	-0.17867
7w11w_SITTI	0.03220544	0.1905344	4.62E-05	0.0046026	-0.11821
7w11w_SITTI	0.02525117	0.14761956	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.01088422	0.05896112	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.09254789	0.5629076	4.99E-05	0.0073308	-0.69483
7w11w_SITTI	0.0563344	0.3394342	6.24E-05	0.0060668	0.047788
7w11w_SITTI	0.02805888	0.16494595	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.08503842	0.51656663	4.76E-05	0.012404	-0.10433
7w11w_SITTI	0.0862447	0.52401066	4.77E-05	0.01133	-0.17867
7w11w_SITTI	0.01783451	0.10185132	4.06E-05	0.0056572	0.030658
7w11w_SITTI	0.08726966	0.53033566	4.79E-05	0.010571	-0.25808
7w11w_SITTI	0.02401115	0.1399674	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.01895382	0.1087586	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.00750375	0.03810025	3.50E-05	0.0074854	0.45576
7w11w_SITTI	0.08445354	0.5129574	4.76E-05	0.012731	-0.069378
7w11w_SITTI	0.01698409	0.09660339	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.06328872	0.38234928	6.33E-05	0.0080056	0.13178
7w11w_SITTI	0.02184211	0.12658228	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.03460384	0.2053349	4.70E-05	0.0045688	-0.10426
7w11w_SITTI	0.02394417	0.13955405	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.02980981	0.17575096	4.55E-05	0.0046645	-0.12301
7w11w_SITTI	0.02690825	0.15784544	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.07759935	0.47066024	5.05E-05	0.014229	0.21153

7w11w_SITTI	0.026928	0.15796731	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.0278837	0.16386494	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.06423257	0.38817382	6.27E-05	0.0084357	0.14015
7w11w_SITTI	0.02003847	0.11545202	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.0249366	0.14567836	4.38E-05	0.0049138	-0.10343
7w11w_SITTI	0.07235889	0.43832132	5.54E-05	0.012382	0.24161
7w11w_SITTI	0.0796534	0.48333573	4.90E-05	0.014278	0.15946
7w11w_SITTI	0.09808727	0.59709114	5.40E-05	0.0046955	-1.1032
7w11w_SITTI	0.02415115	0.14083132	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.01732213	0.09868948	4.06E-05	0.0056572	0.046584
7w11w_SITTI	0.02426324	0.14152308	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.02029299	0.11702265	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.01333534	0.07408694	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.08165584	0.4956928	4.83E-05	0.013957	0.078055
7w11w_SITTI	0.03184161	0.18828915	4.60E-05	0.0046154	-0.12002
7w11w_SITTI	0.02307476	0.13418895	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.02574945	0.15069446	4.40E-05	0.0048781	-0.10813
7w11w_SITTI	0.01674868	0.09515068	4.00E-05	0.0058035	0.063215
7w11w_SITTI	0.07761707	0.47076955	5.05E-05	0.014229	0.21153
7w11w_SITTI	0.09470027	0.57618994	5.13E-05	0.0061762	-0.8688
7w11w_SITTI	0.0188191	0.10792726	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.01922407	0.11042633	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.01685309	0.09579498	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.08338044	0.50633526	4.78E-05	0.013315	-0.0045591
7w11w_SITTI	0.03311781	0.19616462	4.66E-05	0.0045822	-0.11352
7w11w_SITTI	0.09234025	0.5616263	4.99E-05	0.0073308	-0.6503
7w11w_SITTI	0.01581683	0.08940025	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.01826676	0.10451875	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.03902124	0.23259464	4.92E-05	0.0045932	-0.071721
7w11w_SITTI	0.02352898	0.13699193	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.07965705	0.48335826	4.90E-05	0.014278	0.15946
7w11w_SITTI	0.03225495	0.19083987	4.62E-05	0.0046026	-0.11821
7w11w_SITTI	0.02853915	0.16790971	4.49E-05	0.0047302	-0.12174
7w11w_SITTI	0.086041	0.5227536	4.76E-05	0.0117	-0.17867
7w11w_SITTI	0.09072556	0.551662	4.91E-05	0.0083333	-0.51631
7w11w_SITTI	0.02335715	0.13593158	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.02542473	0.14869063	4.38E-05	0.0049138	-0.10813
7w11w_SITTI	0.02754156	0.16175355	4.46E-05	0.0047834	-0.12024
7w11w_SITTI	0.0921118	0.5602165	4.99E-05	0.0073308	-0.6503
7w11w_SITTI	0.01399833	0.07817829	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.04636178	0.27789316	5.44E-05	0.0048874	-0.021643
7w11w_SITTI	0.0946521	0.5758927	5.13E-05	0.0061762	-0.8688
7w11w_SITTI	0.03327246	0.19711895	4.66E-05	0.0045822	-0.11352

7w11w_SITTI	0.02192983	0.1271236	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.0234853	0.1367224	4.32E-05	0.0050338	-0.084895
7w11w_SITTI	0.02775198	0.16305208	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.08984043	0.54619986	4.86E-05	0.0090548	-0.47194
7w11w_SITTI	0.1223904	0.7470657	6.82E-05	0.005205	-1.0229
7w11w_SITTI	0.11023566	0.6720589	6.25E-05	0.003695	-1.3531
7w11w_SITTI	0.08768272	0.53288466	4.79E-05	0.010571	-0.29935
7w11w_SITTI	0.01503645	0.08458454	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.01978379	0.11388037	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.09660368	0.58793586	5.28E-05	0.0052469	-0.99133
7w11w_SITTI	0.03617942	0.21505778	4.77E-05	0.0045615	-0.092976
7w11w_SITTI	0.08374628	0.50859284	4.77E-05	0.013036	-0.036078
7w11w_SITTI	0.019174	0.11011732	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.0726592	0.44017455	5.49E-05	0.012637	0.24373
7w11w_SITTI	0.01951372	0.11221378	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.01463589	0.08211269	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.09055615	0.5506166	4.91E-05	0.0083333	-0.51631
7w11w_SITTI	0.01574881	0.08898052	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.02114737	0.12229503	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.08632608	0.5245128	4.77E-05	0.01133	-0.17867
7w11w_SITTI	0.00671929	0.03325931	3.47E-05	0.0076096	0.48124
7w11w_SITTI	0.02000133	0.11522282	4.16E-05	0.0053955	-0.025531
7w11w_SITTI	0.00812524	0.04193541	3.56E-05	0.0072456	0.40559
7w11w_SITTI	0.02635184	0.15441182	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.01301895	0.07213452	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.0208077	0.12019889	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.01802997	0.10305755	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.03083876	0.1821006	4.57E-05	0.0046464	-0.12145
7w11w_SITTI	0.05543331	0.3338736	6.21E-05	0.005966	0.038579
7w11w_SITTI	0.08837547	0.5371596	4.82E-05	0.0098057	-0.3415
7w11w_SITTI	0.07160279	0.43365544	5.60E-05	0.012118	0.2386
7w11w_SITTI	0.08861975	0.5386671	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.06485568	0.392019	6.24E-05	0.0086643	0.15715
7w11w_SITTI	0.08154329	0.49499825	4.83E-05	0.013957	0.10139
7w11w_SITTI	0.02135563	0.1235802	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.08699279	0.5286271	4.78E-05	0.010952	-0.25808
7w11w_SITTI	0.03010248	0.17755698	4.55E-05	0.0046645	-0.12301
7w11w_SITTI	0.01101019	0.05973848	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.10272073	0.6256842	5.74E-05	0.0037844	-1.3397
7w11w_SITTI	0.01386556	0.07735894	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.02095219	0.12109055	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.08153554	0.49495044	4.83E-05	0.013957	0.10139
7w11w_SITTI	0.07112829	0.4307273	5.65E-05	0.011849	0.23476

7w11w_SITTI	0.02487101	0.14527358	4.36E-05	0.0049516	-0.10343
7w11w_SITTI	0.017925	0.10240978	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.03849042	0.22931899	4.89E-05	0.0045836	-0.076088
7w11w_SITTI	0.05461198	0.32880515	6.14E-05	0.0057798	0.034245
7w11w_SITTI	0.01286595	0.07119038	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.03586597	0.21312352	4.77E-05	0.0045615	-0.096915
7w11w_SITTI	0.06736292	0.40749118	6.03E-05	0.009922	0.19037
7w11w_SITTI	0.02730282	0.16028032	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.07946841	0.48219416	4.93E-05	0.014315	0.15946
7w11w_SITTI	0.02736353	0.16065496	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.07544961	0.45739415	5.23E-05	0.013721	0.23858
7w11w_SITTI	0.02637418	0.15454967	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.02465483	0.14393954	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.03031518	0.17886959	4.55E-05	0.0046645	-0.12245
7w11w_SITTI	0.08373612	0.5085302	4.77E-05	0.013036	-0.036078
7w11w_SITTI	0.09513826	0.57889277	5.16E-05	0.0059226	-0.91061
7w11w_SITTI	0.00764781	0.03898921	3.53E-05	0.0073641	0.43054
7w11w_SITTI	0.07689402	0.46630758	5.13E-05	0.014025	0.22047
7w11w_SITTI	0.01566327	0.0884526	3.95E-05	0.0059603	0.098494
7w11w_SITTI	0.0147183	0.08262119	3.92E-05	0.0060428	0.1363
7w11w_SITTI	0.09129203	0.5551577	4.93E-05	0.0079874	-0.60562
7w11w_SITTI	0.01365304	0.07604748	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.08976616	0.54574156	4.86E-05	0.0090548	-0.47194
7w11w_SITTI	0.01277717	0.0706425	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.01859476	0.10654286	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.08676779	0.52723867	4.78E-05	0.010952	-0.21781
7w11w_SITTI	0.01772566	0.10117964	4.06E-05	0.0056572	0.046584
7w11w_SITTI	0.01770904	0.10107709	4.06E-05	0.0056572	0.046584
7w11w_SITTI	0.08861095	0.5386127	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.01871762	0.10730104	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.09800465	0.59658134	5.36E-05	0.0048658	-1.1032
7w11w_SITTI	0.02013009	0.11601736	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.0214001	0.12385461	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.02261203	0.13133343	4.28E-05	0.005125	-0.068556
7w11w_SITTI	0.07696274	0.46673167	5.09E-05	0.014141	0.22047
7w11w_SITTI	0.02181788	0.12643272	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.07713269	0.46778044	5.09E-05	0.014141	0.22047
7w11w_SITTI	0.08861396	0.5386313	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.01783327	0.10184372	4.06E-05	0.0056572	0.030658
7w11w_SITTI	0.07296784	0.44207916	5.49E-05	0.012637	0.24489
7w11w_SITTI	0.01223224	0.06727976	3.77E-05	0.0064954	0.24064
7w11w_SITTI	0.07327166	0.443954	5.43E-05	0.012883	0.24489
7w11w_SITTI	0.02037104	0.11750431	4.19E-05	0.0053364	-0.025531

7w11w_SITTI	0.02012654	0.11599545	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.02708165	0.15891546	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.08160443	0.49537554	4.83E-05	0.013957	0.078055
7w11w_SITTI	0.04358316	0.26074624	5.21E-05	0.0047343	-0.038876
7w11w_SITTI	0.02078136	0.12003637	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.02106917	0.12181244	4.21E-05	0.0052798	-0.04878
7w11w_SITTI	0.02920038	0.17199013	4.51E-05	0.0047064	-0.1231
7w11w_SITTI	0.01600899	0.09058607	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.06441973	0.38932878	6.27E-05	0.0084357	0.14863
7w11w_SITTI	0.05238662	0.31507242	5.97E-05	0.0054628	0.018414
7w11w_SITTI	0.03044904	0.1796956	4.57E-05	0.0046464	-0.12245
7w11w_SITTI	0.09030492	0.54906625	4.88E-05	0.0086895	-0.51631
7w11w_SITTI	0.03768577	0.22435349	4.84E-05	0.0045696	-0.084703
7w11w_SITTI	0.08824295	0.53634185	4.80E-05	0.010188	-0.3415
7w11w_SITTI	0.09378479	0.57054055	5.09E-05	0.0064439	-0.7829
7w11w_SITTI	0.02597088	0.15206091	4.40E-05	0.0048781	-0.11213
7w11w_SITTI	0.01141449	0.06223339	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.07809103	0.47369432	5.01E-05	0.014289	0.20103
7w11w_SITTI	0.09373233	0.5702168	5.06E-05	0.0067258	-0.7829
7w11w_SITTI	0.01930592	0.11093145	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.03161792	0.1869088	4.60E-05	0.0046154	-0.12002
7w11w_SITTI	0.01147282	0.06259336	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.04289216	0.2564821	5.17E-05	0.0047101	-0.042593
7w11w_SITTI	0.03072396	0.18139215	4.57E-05	0.0046464	-0.12245
7w11w_SITTI	0.08346207	0.50683904	4.77E-05	0.013036	-0.0045591
7w11w_SITTI	0.03950058	0.23555267	4.92E-05	0.0045932	-0.067351
7w11w_SITTI	0.09650295	0.5873143	5.28E-05	0.0052469	-0.99133
7w11w_SITTI	0.03619604	0.21516037	4.77E-05	0.0045615	-0.092976
7w11w_SITTI	0.02222259	0.12893021	4.28E-05	0.005125	-0.068556
7w11w_SITTI	0.01991804	0.1147088	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.03104681	0.18338445	4.58E-05	0.00463	-0.12145
7w11w_SITTI	0.08020875	0.48676282	4.87E-05	0.014207	0.14202
7w11w_SITTI	0.04044858	0.24140276	4.99E-05	0.0046177	-0.063007
7w11w_SITTI	0.04876411	0.29271793	5.68E-05	0.0051026	-0.0054808
7w11w_SITTI	0.08759669	0.53235376	4.79E-05	0.010571	-0.29935
7w11w_SITTI	0.07400773	0.4484963	5.38E-05	0.013116	0.24406
7w11w_SITTI	0.01084421	0.05871421	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.02575876	0.15075193	4.40E-05	0.0048781	-0.10813
7w11w_SITTI	0.03044571	0.17967507	4.57E-05	0.0046464	-0.12245
7w11w_SITTI	0.03800683	0.22633475	4.87E-05	0.0045758	-0.080425
7w11w_SITTI	0.01083393	0.05865077	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.02059128	0.11886337	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.09980334	0.60768104	5.53E-05	0.004262	-1.2008

7w11w_SITTI	0.08249503	0.5008715	4.79E-05	0.013563	0.05262
7w11w_SITTI	0.07190805	0.4355392	5.60E-05	0.012118	0.24161
7w11w_SITTI	0.08308955	0.5045402	4.78E-05	0.013315	0.02505
7w11w_SITTI	0.0157537	0.08901066	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.06861118	0.41519418	5.93E-05	0.010465	0.21248
7w11w_SITTI	0.08198367	0.49771586	4.81E-05	0.013778	0.078055
7w11w_SITTI	0.01256753	0.06934882	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.01680887	0.0955221	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.09281157	0.5645348	5.02E-05	0.0070215	-0.69483
7w11w_SITTI	0.00791233	0.04062155	3.53E-05	0.0073641	0.43054
7w11w_SITTI	0.04864046	0.29195487	5.63E-05	0.005054	-0.0054808
7w11w_SITTI	0.01304772	0.07231207	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.02703367	0.15861939	4.44E-05	0.004813	-0.11816
7w11w_SITTI	0.09337445	0.56800836	5.06E-05	0.0067258	-0.73907
7w11w_SITTI	0.08936045	0.5432379	4.84E-05	0.0094274	-0.42792
7w11w_SITTI	0.02312462	0.13449666	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.08740065	0.53114396	4.79E-05	0.010571	-0.25808
7w11w_SITTI	0.09192681	0.55907494	4.96E-05	0.0076529	-0.6503
7w11w_SITTI	0.02313829	0.134581	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.0088837	0.0466159	3.59E-05	0.00713	0.38094
7w11w_SITTI	0.0162122	0.09184007	3.98E-05	0.0058806	0.080526
7w11w_SITTI	0.02805644	0.1649309	4.48E-05	0.0047558	-0.12024
7w11w_SITTI	0.04483227	0.26845458	5.30E-05	0.0047888	-0.028317
7w11w_SITTI	0.07734845	0.4691119	5.09E-05	0.014141	0.21153
7w11w_SITTI	0.08845595	0.5376563	4.82E-05	0.0098057	-0.3415
7w11w_SITTI	0.07912907	0.48010013	4.93E-05	0.014315	0.17506
7w11w_SITTI	0.01818644	0.10402311	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.06598114	0.3989642	6.16E-05	0.0091463	0.17407
7w11w_SITTI	0.02135614	0.12358334	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.03124861	0.18462978	4.58E-05	0.00463	-0.12145
7w11w_SITTI	0.09421442	0.5731918	5.09E-05	0.0064439	-0.82618
7w11w_SITTI	0.08503903	0.51657045	4.76E-05	0.012404	-0.10433
7w11w_SITTI	0.08549573	0.51938874	4.76E-05	0.012059	-0.14081
7w11w_SITTI	0.07440068	0.4509212	5.33E-05	0.013335	0.24406
7w11w_SITTI	0.06783405	0.41039854	5.98E-05	0.010192	0.19812
7w11w_SITTI	0.0213554	0.12357876	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.09618626	0.58536	5.24E-05	0.0054581	-0.99133
7w11w_SITTI	0.02063624	0.11914082	4.21E-05	0.0052798	-0.037579
7w11w_SITTI	0.01809272	0.10344479	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.01352872	0.07528032	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.01141792	0.06225456	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.06561294	0.39669204	6.16E-05	0.0091463	0.16566
7w11w_SITTI	0.02780935	0.1634061	4.48E-05	0.0047558	-0.12024

7w11w_SITTI	0.01083376	0.0586497	3.71E-05	0.0066957	0.2858
7w11w_SITTI	0.02023128	0.11664184	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.01788833	0.10218347	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.00970708	0.05169695	3.62E-05	0.0070172	0.33263
7w11w_SITTI	0.00353314	0.01359757	3.29E-05	0.0084138	0.63801
7w11w_SITTI	0.01636817	0.09280254	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.08185109	0.49689767	4.81E-05	0.013778	0.078055
7w11w_SITTI	0.01881206	0.10788383	4.11E-05	0.0055212	0.015459
7w11w_SITTI	0.07495821	0.45436174	5.28E-05	0.013537	0.24193
7w11w_SITTI	0.01020286	0.05475641	3.65E-05	0.0069072	0.33263
7w11w_SITTI	0.07892992	0.47887117	4.97E-05	0.014318	0.17506
7w11w_SITTI	0.01362001	0.07584366	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.05859093	0.35335922	6.35E-05	0.0066597	0.068735
7w11w_SITTI	0.01370814	0.07638749	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.04331271	0.2590773	5.17E-05	0.0047101	-0.038876
7w11w_SITTI	0.04736535	0.28408614	5.53E-05	0.0049654	-0.01514
7w11w_SITTI	0.07145775	0.4327604	5.65E-05	0.011849	0.2386
7w11w_SITTI	0.09012257	0.54794097	4.88E-05	0.0086895	-0.47194
7w11w_SITTI	0.02383989	0.13891058	4.34E-05	0.0049916	-0.091842
7w11w_SITTI	0.08613602	0.52334	4.76E-05	0.0117	-0.17867
7w11w_SITTI	0.02282291	0.13263477	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.01674064	0.09510106	4.00E-05	0.0058035	0.063215
7w11w_SITTI	0.024654	0.14393446	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.09130649	0.5552469	4.93E-05	0.0079874	-0.60562
7w11w_SITTI	0.03189994	0.18864912	4.60E-05	0.0046154	-0.11821
7w11w_SITTI	0.02883988	0.16976553	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.00526771	0.02430162	3.38E-05	0.0079991	0.55892
7w11w_SITTI	0.08464473	0.5141372	4.76E-05	0.012404	-0.069378
7w11w_SITTI	0.02939025	0.17316186	4.53E-05	0.0046846	-0.1231
7w11w_SITTI	0.0169318	0.09628075	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.15731746	0.96260065	7.83E-05	0.0047478	-1.0869
7w11w_SITTI	0.06394929	0.3864257	6.27E-05	0.0084357	0.14015
7w11w_SITTI	0.10608981	0.6464748	5.98E-05	0.0035674	-1.3913
7w11w_SITTI	0.09964864	0.60672635	5.49E-05	0.0043938	-1.2008
7w11w_SITTI	0.01653894	0.09385641	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.01928254	0.11078715	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.10328479	0.62916505	5.78E-05	0.003724	-1.3542
7w11w_SITTI	0.02679721	0.15716021	4.44E-05	0.004813	-0.11546
7w11w_SITTI	0.10147619	0.6180042	5.66E-05	0.0039398	-1.2808
7w11w_SITTI	0.1040627	0.6339655	5.86E-05	0.0036344	-1.3662
7w11w_SITTI	0.10316221	0.62840855	5.78E-05	0.003724	-1.3542
7w11w_SITTI	0.08514743	0.5172394	4.76E-05	0.012059	-0.10433
7w11w_SITTI	0.03075417	0.1815786	4.57E-05	0.0046464	-0.12245

7w11w_SITTI	0.03233014	0.19130392	4.62E-05	0.0046026	-0.11821
7w11w_SITTI	0.09257988	0.56310505	4.99E-05	0.0073308	-0.69483
7w11w_SITTI	0.08511811	0.51705843	4.76E-05	0.012059	-0.10433
7w11w_SITTI	0.03536776	0.21004905	4.74E-05	0.0045622	-0.10068
7w11w_SITTI	0.07429016	0.45023918	5.33E-05	0.013335	0.24406
7w11w_SITTI	0.03760095	0.22383007	4.84E-05	0.0045696	-0.084703
7w11w_SITTI	0.0228246	0.13264522	4.30E-05	0.0050782	-0.077142
7w11w_SITTI	0.01069686	0.05780492	3.68E-05	0.0068	0.30902
7w11w_SITTI	0.04280622	0.2559518	5.17E-05	0.0047101	-0.042593
7w11w_SITTI	0.0645464	0.39011043	6.24E-05	0.0086643	0.14863
7w11w_SITTI	0.09562256	0.5818814	5.20E-05	0.0056833	-0.9515
7w11w_SITTI	0.08556184	0.5197967	4.76E-05	0.012059	-0.14081
7w11w_SITTI	0.01369576	0.0763111	3.86E-05	0.0062156	0.17645
7w11w_SITTI	0.08278631	0.5026689	4.79E-05	0.013563	0.02505
7w11w_SITTI	0.08481039	0.5151595	4.76E-05	0.012404	-0.10433
7w11w_SITTI	0.08848931	0.5378621	4.82E-05	0.0098057	-0.3415
7w11w_SITTI	0.08876175	0.53954333	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.01566571	0.08846771	3.95E-05	0.0059603	0.098494
7w11w_SITTI	0.00673866	0.03337887	3.47E-05	0.0076096	0.48124
7w11w_SITTI	0.01136025	0.06189867	3.74E-05	0.0065941	0.263
7w11w_SITTI	0.01531059	0.08627622	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.01953692	0.11235692	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.09081221	0.55219674	4.91E-05	0.0083333	-0.56091
7w11w_SITTI	0.02888253	0.17002869	4.51E-05	0.0047064	-0.12268
7w11w_SITTI	0.10208194	0.62174225	5.70E-05	0.0038563	-1.3227
7w11w_SITTI	0.01975138	0.11368033	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.06967433	0.4217549	5.82E-05	0.011019	0.22487
7w11w_SITTI	0.0931562	0.56666154	5.02E-05	0.0070215	-0.73907
7w11w_SITTI	0.04799179	0.28795195	5.58E-05	0.0050083	-0.01192
7w11w_SITTI	0.02157136	0.12491143	4.24E-05	0.0052258	-0.04878
7w11w_SITTI	0.08042357	0.4880885	4.87E-05	0.014207	0.14202
7w11w_SITTI	0.09504205	0.5782991	5.16E-05	0.0059226	-0.8688
7w11w_SITTI	0.01680017	0.09546846	4.03E-05	0.005729	0.063215
7w11w_SITTI	0.00978487	0.05217702	3.65E-05	0.0069072	0.33263
7w11w_SITTI	0.0989275	0.6022762	5.45E-05	0.0045382	-1.1701
7w11w_SITTI	0.01061245	0.05728402	3.68E-05	0.0068	0.30902
7w11w_SITTI	0.01321787	0.07336203	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.01055117	0.05690585	3.68E-05	0.0068	0.30902
7w11w_SITTI	0.01928855	0.11082424	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.00931091	0.04925218	3.62E-05	0.0070172	0.35661
7w11w_SITTI	0.06387225	0.38595027	6.30E-05	0.008216	0.14015
7w11w_SITTI	0.01435283	0.08036589	3.89E-05	0.0061278	0.1561
7w11w_SITTI	0.10160296	0.6187865	5.66E-05	0.0039398	-1.303

7w11w_SITTI	0.02461358	0.14368501	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.03134773	0.18524145	4.58E-05	0.00463	-0.12002
7w11w_SITTI	0.00517992	0.02375987	3.38E-05	0.0079991	0.55892
7w11w_SITTI	0.016404	0.09302367	4.00E-05	0.0058035	0.080526
7w11w_SITTI	0.06304946	0.38087282	6.33E-05	0.0080056	0.12359
7w11w_SITTI	0.0928081	0.5645134	5.02E-05	0.0070215	-0.69483
7w11w_SITTI	0.02469705	0.14420007	4.36E-05	0.0049516	-0.098011
7w11w_SITTI	0.01811091	0.10355704	4.09E-05	0.0055879	0.030658
7w11w_SITTI	0.02925317	0.17231594	4.53E-05	0.0046846	-0.1231
7w11w_SITTI	0.04016304	0.2396407	4.99E-05	0.0046177	-0.063007
7w11w_SITTI	0.09053091	0.5504608	4.91E-05	0.0083333	-0.51631
7w11w_SITTI	0.09018495	0.5483259	4.88E-05	0.0086895	-0.47194
7w11w_SITTI	0.07787432	0.47235703	5.05E-05	0.014229	0.20103
7w11w_SITTI	0.02222249	0.1289296	4.28E-05	0.005125	-0.068556
7w11w_SITTI	0.00988661	0.05280482	3.65E-05	0.0069072	0.33263
7w11w_SITTI	0.08617678	0.52359146	4.77E-05	0.01133	-0.17867
7w11w_SITTI	0.03684787	0.21918279	4.81E-05	0.0045652	-0.088896
7w11w_SITTI	0.03078971	0.18179788	4.57E-05	0.0046464	-0.12145
7w11w_SITTI	0.09608086	0.5847095	5.24E-05	0.0054581	-0.9515
7w11w_SITTI	0.04427394	0.26500908	5.25E-05	0.0047605	-0.031751
7w11w_SITTI	0.05343151	0.32152045	6.05E-05	0.0056127	0.022172
7w11w_SITTI	0.01347879	0.07497221	3.83E-05	0.0063061	0.19734
7w11w_SITTI	0.02621556	0.15357085	4.42E-05	0.0048445	-0.11213
7w11w_SITTI	0.08716101	0.5296652	4.78E-05	0.010952	-0.25808
7w11w_SITTI	0.08956591	0.54450583	4.86E-05	0.0090548	-0.42792
7w11w_SITTI	0.03337003	0.19772105	4.66E-05	0.0045822	-0.11352
7w11w_SITTI	0.01266597	0.0699563	3.80E-05	0.0063994	0.21875
7w11w_SITTI	0.01575255	0.08900356	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.01528535	0.08612051	3.95E-05	0.0059603	0.11709
7w11w_SITTI	0.08247953	0.50077575	4.79E-05	0.013563	0.05262
7w11w_SITTI	0.02026443	0.11684641	4.19E-05	0.0053364	-0.025531
7w11w_SITTI	0.08863048	0.5387333	4.82E-05	0.0098057	-0.3844
7w11w_SITTI	0.00899836	0.04732349	3.59E-05	0.00713	0.38094
7w11w_SITTI	0.01597101	0.09035166	3.98E-05	0.0058806	0.098494
7w11w_SITTI	0.0274967	0.16147676	4.46E-05	0.0047834	-0.11816
7w11w_SITTI	0.08174606	0.4962496	4.83E-05	0.013957	0.078055
7w11w_SITTI	0.07233434	0.43816984	5.54E-05	0.012382	0.24161
7w11w_SITTI	0.03635753	0.21615689	4.79E-05	0.0045625	-0.092976
7w11w_SITTI	0.01923752	0.11050934	4.14E-05	0.0054571	0.0010121
7w11w_SITTI	0.02202795	0.12772906	4.26E-05	0.0051742	-0.059109
7w11w_SITTI	0.01991264	0.11467549	4.16E-05	0.0053955	-0.012659
7w11w_SITTI	0.01567531	0.08852691	3.95E-05	0.0059603	0.098494
7w11w_SITTI	0.01261189	0.06962257	3.80E-05	0.0063994	0.21875

7w11w_SITTF	0.10124093	0.61655235	5.62E-05	0.0040352	-1.2808
7w11w_SITTF	0.04754561	0.28519854	5.53E-05	0.0049654	-0.01192
7w11w_SITTF	0.01666793	0.0946524	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.02873622	0.1691258	4.51E-05	0.0047064	-0.12268
7w11w_SITTF	0.01402922	0.07836893	3.86E-05	0.0062156	0.1561
7w11w_SITTF	0.0985476	0.59993184	5.40E-05	0.0046955	-1.1375
7w11w_SITTF	0.01699724	0.09668457	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.11561386	0.7052477	6.53E-05	0.0042916	-1.2071
7w11w_SITTF	0.02332945	0.13576062	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.06604045	0.39933023	6.16E-05	0.0091463	0.17407
7w11w_SITTF	0.00632418	0.03082111	3.44E-05	0.0077366	0.50694
7w11w_SITTF	0.07129321	0.43174502	5.65E-05	0.011849	0.2386
7w11w_SITTF	0.03353618	0.19874637	4.66E-05	0.0045822	-0.11071
7w11w_SITTF	0.08430107	0.5120165	4.76E-05	0.012731	-0.069378
7w11w_SITTF	0.08374035	0.50855625	4.77E-05	0.013036	-0.036078
7w11w_SITTF	0.00774975	0.03961829	3.53E-05	0.0073641	0.43054
7w11w_SITTF	0.08846156	0.5376909	4.82E-05	0.0098057	-0.3415
7w11w_SITTF	0.05282397	0.31777135	6.01E-05	0.0055357	0.018414
7w11w_SITTF	0.08666703	0.5266168	4.77E-05	0.01133	-0.21781
7w11w_SITTF	0.09546727	0.58092314	5.20E-05	0.0056833	-0.91061
7w11w_SITTF	0.01143669	0.0623704	3.74E-05	0.0065941	0.263
7w11w_SITTF	0.03185398	0.1883655	4.60E-05	0.0046154	-0.11821
7w11w_SITTF	0.03681497	0.21897978	4.79E-05	0.0045625	-0.088896
7w11w_SITTF	0.05524181	0.33269182	6.17E-05	0.0058704	0.038579
7w11w_SITTF	0.04781839	0.2868819	5.58E-05	0.0050083	-0.01192
7w11w_SITTF	0.02104574	0.12166783	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.01277897	0.07065359	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.08796056	0.53459924	4.80E-05	0.010188	-0.29935
7w11w_SITTF	0.00946817	0.05022268	3.62E-05	0.0070172	0.35661
7w11w_SITTF	0.01775416	0.10135549	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.0544906	0.3280561	6.14E-05	0.0057798	0.030074
7w11w_SITTF	0.01514931	0.08528099	3.92E-05	0.0060428	0.11709
7w11w_SITTF	0.07273569	0.44064656	5.49E-05	0.012637	0.24373
7w11w_SITTF	0.08174689	0.49625468	4.83E-05	0.013957	0.078055
7w11w_SITTF	0.03047576	0.1798605	4.57E-05	0.0046464	-0.12245
7w11w_SITTF	0.09284287	0.56472796	5.02E-05	0.0070215	-0.69483
7w11w_SITTF	0.03934167	0.23457202	4.92E-05	0.0045932	-0.071721
7w11w_SITTF	0.03304833	0.19573584	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.06574674	0.39751774	6.16E-05	0.0091463	0.16566
7w11w_SITTF	0.01881049	0.10787413	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.01625178	0.09208429	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.01928414	0.11079705	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.02448305	0.14287952	4.36E-05	0.0049516	-0.098011

7w11w_SITTF	0.10252712	0.6244894	5.74E-05	0.0037844	-1.3227
7w11w_SITTF	0.03973345	0.2369897	4.95E-05	0.0046046	-0.067351
7w11w_SITTF	0.02026328	0.11683932	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.01700362	0.09672393	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.08005389	0.48580715	4.90E-05	0.014278	0.14202
7w11w_SITTF	0.05863229	0.35361445	6.35E-05	0.0066597	0.068735
7w11w_SITTF	0.09381943	0.5707543	5.09E-05	0.0064439	-0.7829
7w11w_SITTF	0.13088171	0.79946566	7.15E-05	0.0055086	-0.96693
7w11w_SITTF	0.055581	0.33478495	6.21E-05	0.005966	0.038579
7w11w_SITTF	0.01812839	0.10366486	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.02955457	0.17417587	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.07969365	0.48358414	4.90E-05	0.014278	0.15946
7w11w_SITTF	0.07514623	0.455522	5.28E-05	0.013537	0.23858
7w11w_SITTF	0.0198404	0.11422973	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.09598816	0.58413756	5.24E-05	0.0054581	-0.9515
7w11w_SITTF	0.01911787	0.10977095	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.02174011	0.12595278	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.0208846	0.12067343	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.00479287	0.02137135	3.35E-05	0.0081345	0.58516
7w11w_SITTF	0.086029	0.52267957	4.76E-05	0.0117	-0.17867
7w11w_SITTF	0.09372795	0.5701898	5.06E-05	0.0067258	-0.7829
7w11w_SITTF	0.01186497	0.06501333	3.74E-05	0.0065941	0.24064
7w11w_SITTF	0.02007384	0.11567023	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.01457389	0.08173008	3.89E-05	0.0061278	0.1363
7w11w_SITTF	0.08350422	0.50709915	4.77E-05	0.013036	-0.0045591
7w11w_SITTF	0.02605641	0.15258871	4.42E-05	0.0048445	-0.11213
7w11w_SITTF	0.00981134	0.05234034	3.65E-05	0.0069072	0.33263
7w11w_SITTF	0.08987949	0.54644096	4.86E-05	0.0090548	-0.47194
7w11w_SITTF	0.01214691	0.06675316	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.09121369	0.55467427	4.93E-05	0.0079874	-0.56091
7w11w_SITTF	0.06884537	0.4166394	5.87E-05	0.010741	0.21248
7w11w_SITTF	0.01272636	0.07032894	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.02378592	0.1385775	4.32E-05	0.0050338	-0.091842
7w11w_SITTF	0.02606927	0.15266804	4.42E-05	0.0048445	-0.11213
7w11w_SITTF	0.06305148	0.38088527	6.33E-05	0.0080056	0.12359
7w11w_SITTF	0.0915665	0.5568515	4.93E-05	0.0079874	-0.60562
7w11w_SITTF	0.02960261	0.17447232	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.02654596	0.15560974	4.44E-05	0.004813	-0.11546
7w11w_SITTF	0.03296433	0.19521752	4.64E-05	0.0045915	-0.11352
7w11w_SITTF	0.1043571	0.6357823	5.86E-05	0.0036344	-1.3758
7w11w_SITTF	0.02850795	0.16771716	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.01370191	0.07634904	3.86E-05	0.0062156	0.17645
7w11w_SITTF	0.02704679	0.15870035	4.44E-05	0.004813	-0.11816

7w11w_SITTF	0.02415268	0.14084081	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.01289281	0.07135612	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.01874623	0.10747758	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.07868052	0.4773321	4.97E-05	0.014318	0.18889
7w11w_SITTF	0.02467855	0.14408593	4.36E-05	0.0049516	-0.098011
7w11w_SITTF	0.09989431	0.6082424	5.53E-05	0.004262	-1.2008
7w11w_SITTF	0.09543862	0.58074635	5.20E-05	0.0056833	-0.91061
7w11w_SITTF	0.02272857	0.1320526	4.28E-05	0.005125	-0.077142
7w11w_SITTF	0.02642866	0.15488587	4.42E-05	0.0048445	-0.11213
7w11w_SITTF	0.01942317	0.11165495	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.10591548	0.64539903	5.98E-05	0.0035674	-1.3913
7w11w_SITTF	0.05975282	0.36052924	6.37E-05	0.0069445	0.080679
7w11w_SITTF	0.03227221	0.19094643	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.01392968	0.07775464	3.86E-05	0.0062156	0.17645
7w11w_SITTF	0.09626176	0.58582586	5.24E-05	0.0054581	-0.99133
7w11w_SITTF	0.02512628	0.14684886	4.38E-05	0.0049138	-0.10343
7w11w_SITTF	0.0741085	0.44911814	5.38E-05	0.013116	0.24406
7w11w_SITTF	0.05772808	0.3480346	6.32E-05	0.0064035	0.057806
7w11w_SITTF	0.00890153	0.04672594	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.01817657	0.1039622	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.10348772	0.6304173	5.78E-05	0.003724	-1.3542
7w11w_SITTF	0.01306601	0.07242494	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.02386487	0.13906468	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.03331344	0.19737183	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.03807961	0.22678389	4.87E-05	0.0045758	-0.080425
7w11w_SITTF	0.0142369	0.07965048	3.89E-05	0.0061278	0.1561
7w11w_SITTF	0.01492805	0.08391558	3.92E-05	0.0060428	0.1363
7w11w_SITTF	0.08559147	0.51997954	4.76E-05	0.012059	-0.14081
7w11w_SITTF	0.14520332	0.8878443	7.59E-05	0.0047531	-1.0927
7w11w_SITTF	0.05570418	0.33554512	6.21E-05	0.005966	0.043089
7w11w_SITTF	0.0383445	0.2284185	4.87E-05	0.0045758	-0.076088
7w11w_SITTF	0.09494094	0.5776751	5.16E-05	0.0059226	-0.8688
7w11w_SITTF	0.02823984	0.16606265	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.01884328	0.10807649	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.08695151	0.52837235	4.78E-05	0.010952	-0.25808
7w11w_SITTF	0.1154845	0.7044495	6.53E-05	0.0042916	-1.224
7w11w_SITTF	0.08158585	0.49526092	4.83E-05	0.013957	0.078055
7w11w_SITTF	0.00709941	0.03560503	3.50E-05	0.0074854	0.45576
7w11w_SITTF	0.03346185	0.1982877	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.00888466	0.0466218	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.02005251	0.11553861	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.01854144	0.10621381	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.07049301	0.42680696	5.71E-05	0.011574	0.23016

7w11w_SITTF	0.02895924	0.17050211	4.51E-05	0.0047064	-0.12268
7w11w_SITTF	0.01341742	0.07459347	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.02217909	0.12866175	4.26E-05	0.0051742	-0.068556
7w11w_SITTF	0.09910968	0.6034004	5.45E-05	0.0045382	-1.1701
7w11w_SITTF	0.08629026	0.5242918	4.77E-05	0.01133	-0.17867
7w11w_SITTF	0.02012274	0.11597201	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.09346049	0.56853926	5.06E-05	0.0067258	-0.7829
7w11w_SITTF	0.08831031	0.5367575	4.80E-05	0.010188	-0.3415
7w11w_SITTF	0.07445091	0.45123118	5.33E-05	0.013335	0.24406
7w11w_SITTF	0.01953498	0.11234494	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.06587925	0.39833546	6.16E-05	0.0091463	0.16566
7w11w_SITTF	0.09969769	0.6070291	5.53E-05	0.004262	-1.2008
7w11w_SITTF	0.02173179	0.12590146	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.08573411	0.5208598	4.76E-05	0.0117	-0.14081
7w11w_SITTF	0.02843719	0.16728052	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.01578057	0.08917648	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.04055348	0.24205013	4.99E-05	0.0046177	-0.058715
7w11w_SITTF	0.08017219	0.4865372	4.90E-05	0.014278	0.14202
7w11w_SITTF	0.07435596	0.45064524	5.33E-05	0.013335	0.24406
7w11w_SITTF	0.02072947	0.11971618	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.1007994	0.6138277	5.62E-05	0.0040352	-1.2563
7w11w_SITTF	0.016697	0.09483177	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.01804235	0.1031339	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.00922193	0.0487031	3.62E-05	0.0070172	0.35661
7w11w_SITTF	0.06210516	0.37504557	6.36E-05	0.0076138	0.11565
7w11w_SITTF	0.00882776	0.04627067	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.01707421	0.09715953	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.02066682	0.11932951	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.091546	0.55672497	4.93E-05	0.0079874	-0.60562
7w11w_SITTF	0.10174079	0.619637	5.66E-05	0.0039398	-1.303
7w11w_SITTF	0.00755571	0.03842086	3.50E-05	0.0074854	0.43054
7w11w_SITTF	0.09211317	0.56022495	4.99E-05	0.0073308	-0.6503
7w11w_SITTF	0.03370741	0.19980302	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.0132037	0.07327461	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.00997759	0.05336631	3.65E-05	0.0069072	0.33263
7w11w_SITTF	0.00900364	0.04735605	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.08482321	0.51523864	4.76E-05	0.012404	-0.10433
7w11w_SITTF	0.01539414	0.08679185	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.01359932	0.075716	3.86E-05	0.0062156	0.17645
7w11w_SITTF	0.06463034	0.39062843	6.24E-05	0.0086643	0.14863
7w11w_SITTF	0.02851775	0.16777764	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.03172447	0.18756633	4.60E-05	0.0046154	-0.12002
7w11w_SITTF	0.00254557	0.00750327	3.23E-05	0.0087041	0.69119

7w11w_SITTF	0.08256196	0.5012844	4.79E-05	0.013563	0.05262
7w11w_SITTF	0.01748172	0.09967429	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.09291178	0.5651532	5.02E-05	0.0070215	-0.73907
7w11w_SITTF	0.03398217	0.20149857	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.06761357	0.40903798	6.03E-05	0.009922	0.19812
7w11w_SITTF	0.00865159	0.04518352	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.02026665	0.11686007	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.07631773	0.46275133	5.18E-05	0.013885	0.22792
7w11w_SITTF	0.09387142	0.57107514	5.09E-05	0.0064439	-0.7829
7w11w_SITTF	0.00358233	0.01390115	3.29E-05	0.0084138	0.63801
7w11w_SITTF	0.09459141	0.5755182	5.13E-05	0.0061762	-0.8688
7w11w_SITTF	0.09402411	0.5720174	5.09E-05	0.0064439	-0.82618
7w11w_SITTF	0.09087731	0.5525985	4.91E-05	0.0083333	-0.56091
7w11w_SITTF	0.0823012	0.49967533	4.81E-05	0.013778	0.05262
7w11w_SITTF	0.06099893	0.368219	6.38E-05	0.0072613	0.09374
7w11w_SITTF	0.01946094	0.11188806	4.14E-05	0.0054571	-0.012659
7w11w_SITTF	0.09654331	0.58756334	5.28E-05	0.0052469	-0.99133
7w11w_SITTF	0.09670591	0.5885667	5.28E-05	0.0052469	-1.03
7w11w_SITTF	0.08274823	0.50243396	4.79E-05	0.013563	0.02505
7w11w_SITTF	0.09075509	0.55184424	4.91E-05	0.0083333	-0.56091
7w11w_SITTF	0.02705578	0.15875582	4.44E-05	0.004813	-0.11816
7w11w_SITTF	0.05083919	0.30552322	5.83E-05	0.0052672	0.0077602
7w11w_SITTF	0.02776648	0.16314153	4.48E-05	0.0047558	-0.12024
7w11w_SITTF	0.01678987	0.09540489	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.01822968	0.10428995	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.02893398	0.17034619	4.51E-05	0.0047064	-0.12268
7w11w_SITTF	0.08742326	0.5312835	4.79E-05	0.010571	-0.25808
7w11w_SITTF	0.02937967	0.17309654	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.04124354	0.24630845	5.05E-05	0.0046492	-0.054504
7w11w_SITTF	0.01518747	0.08551647	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.03244637	0.19202118	4.62E-05	0.0046026	-0.11603
7w11w_SITTF	0.07154256	0.43328375	5.60E-05	0.012118	0.2386
7w11w_SITTF	0.00919428	0.04853251	3.62E-05	0.0070172	0.35661
7w11w_SITTF	0.06304471	0.38084352	6.33E-05	0.0080056	0.12359
7w11w_SITTF	0.09013823	0.5480376	4.88E-05	0.0086895	-0.47194
7w11w_SITTF	0.01771596	0.10111976	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.05941401	0.35843846	6.37E-05	0.0067983	0.080679
7w11w_SITTF	0.07672527	0.4652663	5.13E-05	0.014025	0.22047
7w11w_SITTF	0.08389693	0.50952256	4.77E-05	0.013036	-0.036078
7w11w_SITTF	0.07971077	0.4836898	4.90E-05	0.014278	0.15946
7w11w_SITTF	0.07892822	0.47886065	4.97E-05	0.014318	0.17506
7w11w_SITTF	0.03078031	0.18173988	4.57E-05	0.0046464	-0.12145
7w11w_SITTF	0.02061392	0.11900307	4.21E-05	0.0052798	-0.037579

7w11w_SITTF	0.03400459	0.20163691	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.01346262	0.07487241	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.00840819	0.0436815	3.56E-05	0.0072456	0.40559
7w11w_SITTF	0.07600949	0.46084917	5.18E-05	0.013885	0.23393
7w11w_SITTF	0.02117782	0.12248294	4.24E-05	0.0052258	-0.04878
7w11w_SITTF	0.0159656	0.0903183	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.09117208	0.5544175	4.93E-05	0.0079874	-0.56091
7w11w_SITTF	0.05373139	0.32337102	6.10E-05	0.005694	0.026054
7w11w_SITTF	0.06460101	0.39044747	6.24E-05	0.0086643	0.14863
7w11w_SITTF	0.03117875	0.18419866	4.58E-05	0.00463	-0.12145
7w11w_SITTF	0.00853676	0.04447495	3.56E-05	0.0072456	0.40559
7w11w_SITTF	0.11687684	0.7130416	6.58E-05	0.0044464	-1.173
7w11w_SITTF	0.00373043	0.01481506	3.29E-05	0.0084138	0.63801
7w11w_SITTF	0.04348103	0.26011604	5.21E-05	0.0047343	-0.038876
7w11w_SITTF	0.03965088	0.23648018	4.95E-05	0.0046046	-0.067351
7w11w_SITTF	0.02182337	0.12646663	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.01075929	0.05819017	3.68E-05	0.0068	0.30902
7w11w_SITTF	0.1046303	0.63746816	5.90E-05	0.0036036	-1.3758
7w11w_SITTF	0.01650992	0.09367733	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.08973163	0.54552853	4.86E-05	0.0090548	-0.47194
7w11w_SITTF	0.03379863	0.20036595	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.0704327	0.42643481	5.71E-05	0.011574	0.23016
7w11w_SITTF	0.02371769	0.13815647	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.02561894	0.14988908	4.40E-05	0.0048781	-0.10813
7w11w_SITTF	0.09413351	0.5726925	5.09E-05	0.0064439	-0.82618
7w11w_SITTF	0.01221428	0.06716891	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.02030988	0.11712689	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.08434467	0.51228553	4.76E-05	0.012731	-0.069378
7w11w_SITTF	0.05237221	0.3149835	5.97E-05	0.0054628	0.014768
7w11w_SITTF	0.05197279	0.3125187	5.92E-05	0.0053939	0.014768
7w11w_SITTF	0.01250956	0.06899107	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.01284817	0.07108064	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.02715853	0.15938987	4.46E-05	0.0047834	-0.11816
7w11w_SITTF	0.10128865	0.61684686	5.62E-05	0.0040352	-1.2808
7w11w_SITTF	0.07416185	0.4494474	5.38E-05	0.013116	0.24406
7w11w_SITTF	0.08514789	0.5172422	4.76E-05	0.012059	-0.10433
7w11w_SITTF	0.01587464	0.08975699	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.08213847	0.4986711	4.81E-05	0.013778	0.05262
7w11w_SITTF	0.02651727	0.15543267	4.42E-05	0.0048445	-0.11546
7w11w_SITTF	0.02099743	0.12136971	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.09310065	0.5663187	5.02E-05	0.0070215	-0.73907
7w11w_SITTF	0.01694841	0.09638321	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.1064008	0.6483939	6.01E-05	0.0035608	-1.3924

7w11w_SITTF	0.02499754	0.14605443	4.38E-05	0.0049138	-0.10343
7w11w_SITTF	0.07465343	0.45248094	5.33E-05	0.013335	0.24193
7w11w_SITTF	0.06925764	0.4191835	5.87E-05	0.010741	0.21895
7w11w_SITTF	0.10259187	0.624889	5.74E-05	0.0037844	-1.3227
7w11w_SITTF	0.03623505	0.21540107	4.77E-05	0.0045615	-0.092976
7w11w_SITTF	0.01970717	0.11340754	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.07235035	0.43826863	5.54E-05	0.012382	0.24161
7w11w_SITTF	0.02696271	0.15818146	4.44E-05	0.004813	-0.11546
7w11w_SITTF	0.10246424	0.62410146	5.74E-05	0.0037844	-1.3227
7w11w_SITTF	0.09904955	0.6030294	5.45E-05	0.0045382	-1.1701
7w11w_SITTF	0.01424372	0.07969256	3.89E-05	0.0061278	0.1561
7w11w_SITTF	0.03290542	0.19485395	4.64E-05	0.0045915	-0.11603
7w11w_SITTF	0.04900178	0.2941846	5.68E-05	0.0051026	-0.0054808
7w11w_SITTF	0.02246185	0.13040665	4.28E-05	0.005125	-0.068556
7w11w_SITTF	0.08454819	0.51354146	4.76E-05	0.012404	-0.069378
7w11w_SITTF	0.08151781	0.494841	4.83E-05	0.013957	0.10139
7w11w_SITTF	0.02390021	0.13928282	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.04113042	0.24561045	5.02E-05	0.0046325	-0.054504
7w11w_SITTF	0.01547442	0.08728723	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.03258641	0.19288537	4.64E-05	0.0045915	-0.11603
7w11w_SITTF	0.03209075	0.18982662	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.07660823	0.46454397	5.13E-05	0.014025	0.22792
7w11w_SITTF	0.0259338	0.15183206	4.40E-05	0.0048781	-0.11213
7w11w_SITTF	0.02076754	0.11995108	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.02342514	0.13635112	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.06362576	0.3844292	6.30E-05	0.008216	0.13178
7w11w_SITTF	0.09424814	0.57339984	5.09E-05	0.0064439	-0.82618
7w11w_SITTF	0.01886018	0.10818075	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.08686005	0.52780795	4.78E-05	0.010952	-0.21781
7w11w_SITTF	0.03115174	0.18403198	4.58E-05	0.00463	-0.12145
7w11w_SITTF	0.02188619	0.12685429	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.0820578	0.49817333	4.81E-05	0.013778	0.078055
7w11w_SITTF	0.03785023	0.22536838	4.84E-05	0.0045696	-0.080425
7w11w_SITTF	0.09610497	0.58485836	5.24E-05	0.0054581	-0.9515
7w11w_SITTF	0.02276269	0.13226317	4.30E-05	0.0050782	-0.077142
7w11w_SITTF	0.07612413	0.46155664	5.18E-05	0.013885	0.23393
7w11w_SITTF	0.01666815	0.09465371	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.08168408	0.4958671	4.83E-05	0.013957	0.078055
7w11w_SITTF	0.03360527	0.19917274	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.04008402	0.23915306	4.99E-05	0.0046177	-0.063007
7w11w_SITTF	0.0187622	0.10757612	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.0301137	0.17762625	4.55E-05	0.0046645	-0.12301
7w11w_SITTF	0.09642632	0.5868414	5.24E-05	0.0054581	-0.99133

7w11w_SITTF	0.02414044	0.14076525	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.07545944	0.4574548	5.23E-05	0.013721	0.23858
7w11w_SITTF	0.01053424	0.05680138	3.68E-05	0.0068	0.30902
7w11w_SITTF	0.03217637	0.190355	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.0063372	0.03090143	3.44E-05	0.0077366	0.50694
7w11w_SITTF	0.10621128	0.64722437	6.01E-05	0.0035608	-1.3913
7w11w_SITTF	0.0903528	0.5493617	4.88E-05	0.0086895	-0.51631
7w11w_SITTF	0.09620678	0.58548665	5.24E-05	0.0054581	-0.99133
7w11w_SITTF	0.05571754	0.33562756	6.21E-05	0.005966	0.043089
7w11w_SITTF	0.01724423	0.09820875	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.1094283	0.66707665	6.18E-05	0.0036276	-1.3717
7w11w_SITTF	0.01980547	0.11401416	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.01193374	0.06543767	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.08483589	0.51531684	4.76E-05	0.012404	-0.10433
7w11w_SITTF	0.08915683	0.5419814	4.84E-05	0.0094274	-0.42792
7w11w_SITTF	0.00889237	0.04666941	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.01807082	0.10330959	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.08791719	0.5343316	4.80E-05	0.010188	-0.29935
7w11w_SITTF	0.097049	0.59068394	5.32E-05	0.0050496	-1.03
7w11w_SITTF	0.08668847	0.52674913	4.77E-05	0.01133	-0.21781
7w11w_SITTF	0.07540856	0.4571408	5.23E-05	0.013721	0.23858
7w11w_SITTF	0.03246294	0.19212343	4.62E-05	0.0046026	-0.11603
7w11w_SITTF	0.01915191	0.10998102	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.02935954	0.17297235	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.13768733	0.8414631	7.39E-05	0.0051198	-1.024
7w11w_SITTF	0.01191307	0.06531016	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.02709002	0.1589671	4.46E-05	0.0047834	-0.11816
7w11w_SITTF	0.01640415	0.0930246	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.08695916	0.52841955	4.78E-05	0.010952	-0.25808
7w11w_SITTF	0.08299623	0.5039643	4.78E-05	0.013315	0.02505
7w11w_SITTF	0.05332321	0.32085213	6.05E-05	0.0056127	0.022172
7w11w_SITTF	0.01464177	0.08214898	3.92E-05	0.0060428	0.1363
7w11w_SITTF	0.00513962	0.02351115	3.38E-05	0.0079991	0.55892
7w11w_SITTF	0.03066434	0.18102425	4.57E-05	0.0046464	-0.12245
7w11w_SITTF	0.09553915	0.58136666	5.20E-05	0.0056833	-0.91061
7w11w_SITTF	0.01593677	0.09014037	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.02338656	0.13611308	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.0919626	0.5592958	4.96E-05	0.0076529	-0.6503
7w11w_SITTF	0.03308305	0.19595012	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.07034419	0.4258886	5.76E-05	0.011297	0.23016
7w11w_SITTF	0.02191088	0.12700662	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.01251219	0.06900729	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.0833077	0.5058864	4.78E-05	0.013315	-0.0045591

7w11w_SITTF	0.09524456	0.5795488	5.16E-05	0.0059226	-0.91061
7w11w_SITTF	0.10015607	0.6098577	5.53E-05	0.004262	-1.2296
7w11w_SITTF	0.0330232	0.19558077	4.64E-05	0.0045915	-0.11352
7w11w_SITTF	0.08296128	0.50374866	4.78E-05	0.013315	0.02505
7w11w_SITTF	0.09415745	0.5728402	5.09E-05	0.0064439	-0.82618
7w11w_SITTF	0.0306271	0.18079442	4.57E-05	0.0046464	-0.12245
7w11w_SITTF	0.07564578	0.4586047	5.23E-05	0.013721	0.23393
7w11w_SITTF	0.0665658	0.40257215	6.12E-05	0.0093985	0.18233
7w11w_SITTF	0.09631774	0.5861714	5.24E-05	0.0054581	-0.99133
7w11w_SITTF	0.06039875	0.3645153	6.38E-05	0.0070986	0.087064
7w11w_SITTF	0.08163164	0.49554345	4.83E-05	0.013957	0.078055
7w11w_SITTF	0.08931994	0.54298794	4.84E-05	0.0094274	-0.42792
7w11w_SITTF	0.08551523	0.5195091	4.76E-05	0.012059	-0.14081
7w11w_SITTF	0.09873211	0.6010704	5.45E-05	0.0045382	-1.1375
7w11w_SITTF	0.01404494	0.07846591	3.86E-05	0.0062156	0.1561
7w11w_SITTF	0.00859038	0.04480579	3.56E-05	0.0072456	0.40559
7w11w_SITTF	0.08698839	0.5285999	4.78E-05	0.010952	-0.25808
7w11w_SITTF	0.09480065	0.5768094	5.13E-05	0.0061762	-0.8688
7w11w_SITTF	0.09473512	0.576405	5.13E-05	0.0061762	-0.8688
7w11w_SITTF	0.08155146	0.49504864	4.83E-05	0.013957	0.078055
7w11w_SITTF	0.02561269	0.14985049	4.40E-05	0.0048781	-0.10813
7w11w_SITTF	0.06980576	0.42256594	5.82E-05	0.011019	0.22487
7w11w_SITTF	0.09296312	0.56547004	5.02E-05	0.0070215	-0.73907
7w11w_SITTF	0.00982351	0.05241548	3.65E-05	0.0069072	0.33263
7w11w_SITTF	0.08821356	0.53616047	4.80E-05	0.010188	-0.3415
7w11w_SITTF	0.07411463	0.449156	5.38E-05	0.013116	0.24406
7w11w_SITTF	0.08809853	0.5354506	4.80E-05	0.010188	-0.3415
7w11w_SITTF	0.02325083	0.13527548	4.30E-05	0.0050782	-0.084895
7w11w_SITTF	0.09309875	0.56630695	5.02E-05	0.0070215	-0.73907
7w11w_SITTF	0.07808294	0.47364447	5.01E-05	0.014289	0.20103
7w11w_SITTF	0.01276099	0.07054262	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.08573257	0.5208503	4.76E-05	0.0117	-0.14081
7w11w_SITTF	0.09756173	0.59384805	5.36E-05	0.0048658	-1.0673
7w11w_SITTF	0.006598	0.03251087	3.47E-05	0.0076096	0.48124
7w11w_SITTF	0.09624589	0.58572793	5.24E-05	0.0054581	-0.99133
7w11w_SITTF	0.02092432	0.12091859	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.10163189	0.61896497	5.66E-05	0.0039398	-1.303
7w11w_SITTF	0.07686286	0.46611536	5.13E-05	0.014025	0.22047
7w11w_SITTF	0.02346626	0.13660488	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.09351581	0.5688807	5.06E-05	0.0067258	-0.7829
7w11w_SITTF	0.0141048	0.07883529	3.89E-05	0.0061278	0.1561
7w11w_SITTF	0.01930584	0.11093096	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.07264173	0.44006673	5.49E-05	0.012637	0.24373

7w11w_SITTF	0.10228867	0.62301797	5.70E-05	0.0038563	-1.3227
7w11w_SITTF	0.06431925	0.38870868	6.27E-05	0.0084357	0.14863
7w11w_SITTF	0.09618688	0.58536386	5.24E-05	0.0054581	-0.99133
7w11w_SITTF	0.03218901	0.19043298	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.03212351	0.19002882	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.08333518	0.50605595	4.78E-05	0.013315	-0.0045591
7w11w_SITTF	0.0693006	0.4194486	5.87E-05	0.010741	0.21895
7w11w_SITTF	0.00950829	0.05047025	3.62E-05	0.0070172	0.35661
7w11w_SITTF	0.09277569	0.56431335	5.02E-05	0.0070215	-0.69483
7w11w_SITTF	0.03885487	0.23156801	4.89E-05	0.0045836	-0.076088
7w11w_SITTF	0.01287072	0.07121977	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.07275221	0.44074848	5.49E-05	0.012637	0.24373
7w11w_SITTF	0.08684667	0.52772534	4.78E-05	0.010952	-0.21781
7w11w_SITTF	0.02060604	0.11895445	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.00511448	0.02335604	3.38E-05	0.0079991	0.55892
7w11w_SITTF	0.02184144	0.12657812	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.01320475	0.07328109	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.03833793	0.22837795	4.87E-05	0.0045758	-0.076088
7w11w_SITTF	0.09401835	0.57198185	5.09E-05	0.0064439	-0.82618
7w11w_SITTF	0.02421046	0.14119738	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.08425346	0.5117227	4.76E-05	0.012731	-0.069378
7w11w_SITTF	0.09542304	0.58065015	5.20E-05	0.0056833	-0.91061
7w11w_SITTF	0.02993261	0.17650874	4.55E-05	0.0046645	-0.12301
7w11w_SITTF	0.10112613	0.61584395	5.62E-05	0.0040352	-1.2808
7w11w_SITTF	0.08130545	0.49353057	4.83E-05	0.013957	0.10139
7w11w_SITTF	0.07421298	0.44976294	5.38E-05	0.013116	0.24406
7w11w_SITTF	0.08577483	0.5211111	4.76E-05	0.0117	-0.14081
7w11w_SITTF	0.01284192	0.07104207	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.02952848	0.17401487	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.01260077	0.06955393	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.09163977	0.5573036	4.96E-05	0.0076529	-0.60562
7w11w_SITTF	0.08919687	0.54222846	4.84E-05	0.0094274	-0.42792
7w11w_SITTF	0.01933396	0.11110447	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.0217364	0.1259299	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.01744506	0.09944805	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.01817056	0.10392509	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.01428716	0.07996065	3.89E-05	0.0061278	0.1561
7w11w_SITTF	0.07760708	0.47070792	5.05E-05	0.014229	0.21153
7w11w_SITTF	0.00625919	0.03042004	3.44E-05	0.0077366	0.50694
7w11w_SITTF	0.06819428	0.4126215	5.98E-05	0.010192	0.20551
7w11w_SITTF	0.00907154	0.04777504	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.01751781	0.09989701	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.02569728	0.15037253	4.40E-05	0.0048781	-0.10813

7w11w_SITTF	0.01546498	0.08722896	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.0848892	0.5156458	4.76E-05	0.012404	-0.10433
7w11w_SITTF	0.0155098	0.08750554	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.01449352	0.08123412	3.89E-05	0.0061278	0.1561
7w11w_SITTF	0.01127627	0.06138046	3.71E-05	0.0066957	0.2858
7w11w_SITTF	0.0360405	0.21420054	4.77E-05	0.0045615	-0.096915
7w11w_SITTF	0.0133501	0.07417806	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.01382214	0.07709099	3.86E-05	0.0062156	0.17645
7w11w_SITTF	0.01862514	0.1067303	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.10533667	0.6418272	5.94E-05	0.0035815	-1.3882
7w11w_SITTF	0.00791755	0.04065376	3.53E-05	0.0073641	0.43054
7w11w_SITTF	0.06557159	0.3964369	6.16E-05	0.0091463	0.16566
7w11w_SITTF	0.01635329	0.09271074	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.03027492	0.17862116	4.55E-05	0.0046645	-0.12245
7w11w_SITTF	0.09761012	0.5941466	5.36E-05	0.0048658	-1.0673
7w11w_SITTF	0.02647675	0.15518264	4.42E-05	0.0048445	-0.11546
7w11w_SITTF	0.06612287	0.39983884	6.12E-05	0.0093985	0.17407
7w11w_SITTF	0.00913742	0.0481816	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.09734841	0.5925316	5.32E-05	0.0050496	-1.0673
7w11w_SITTF	0.03594919	0.21363707	4.77E-05	0.0045615	-0.096915
7w11w_SITTF	0.01894072	0.1086778	4.11E-05	0.0055212	0.0010121
7w11w_SITTF	0.03333791	0.19752283	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.07648847	0.46380493	5.13E-05	0.014025	0.22792
7w11w_SITTF	0.01138922	0.06207747	3.74E-05	0.0065941	0.263
7w11w_SITTF	0.07223593	0.43756253	5.54E-05	0.012382	0.24161
7w11w_SITTF	0.02078225	0.12004186	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.10040471	0.6113921	5.58E-05	0.0041426	-1.2296
7w11w_SITTF	0.01522513	0.08574883	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.09044442	0.54992706	4.88E-05	0.0086895	-0.51631
7w11w_SITTF	0.01695241	0.09640792	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.00834865	0.04331407	3.56E-05	0.0072456	0.40559
7w11w_SITTF	0.09423726	0.5733327	5.09E-05	0.0064439	-0.82618
7w11w_SITTF	0.08133143	0.49369088	4.83E-05	0.013957	0.10139
7w11w_SITTF	0.08647035	0.52540314	4.77E-05	0.01133	-0.21781
7w11w_SITTF	0.00572245	0.02710784	3.41E-05	0.0078664	0.53284
7w11w_SITTF	0.09739348	0.59280974	5.32E-05	0.0050496	-1.0673
7w11w_SITTF	0.09014728	0.54809344	4.88E-05	0.0086895	-0.47194
7w11w_SITTF	0.09847169	0.5994634	5.40E-05	0.0046955	-1.1375
7w11w_SITTF	0.0794914	0.48233604	4.93E-05	0.014315	0.15946
7w11w_SITTF	0.02753362	0.16170457	4.46E-05	0.0047834	-0.12024
7w11w_SITTF	0.01272013	0.07029054	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.0071308	0.03579872	3.50E-05	0.0074854	0.45576
7w11w_SITTF	0.08947456	0.5439421	4.86E-05	0.0090548	-0.42792

7w11w_SITTF	0.08302978	0.5041714	4.78E-05	0.013315	0.02505
7w11w_SITTF	0.07765538	0.47100595	5.05E-05	0.014229	0.21153
7w11w_SITTF	0.03480375	0.20656855	4.72E-05	0.0045646	-0.10426
7w11w_SITTF	0.02538189	0.14842626	4.38E-05	0.0049138	-0.10813
7w11w_SITTF	0.02063431	0.1191289	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.05078666	0.3051991	5.83E-05	0.0052672	0.0077602
7w11w_SITTF	0.03838531	0.22867031	4.87E-05	0.0045758	-0.076088
7w11w_SITTF	0.00903731	0.04756383	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.02406207	0.14028165	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.14300287	0.8742653	7.53E-05	0.0048359	-1.0786
7w11w_SITTF	0.09217076	0.5605804	4.99E-05	0.0073308	-0.6503
7w11w_SITTF	0.00743879	0.03769933	3.50E-05	0.0074854	0.45576
7w11w_SITTF	0.10314631	0.62831044	5.78E-05	0.003724	-1.3397
7w11w_SITTF	0.01516384	0.08537065	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.08256529	0.50130504	4.79E-05	0.013563	0.05262
7w11w_SITTF	0.04808608	0.28853384	5.58E-05	0.0050083	-0.0087048
7w11w_SITTF	0.02593098	0.15181468	4.40E-05	0.0048781	-0.11213
7w11w_SITTF	0.03950446	0.2355766	4.92E-05	0.0045932	-0.067351
7w11w_SITTF	0.08122452	0.4930311	4.85E-05	0.0141	0.10139
7w11w_SITTF	0.06902767	0.41776437	5.87E-05	0.010741	0.21248
7w11w_SITTF	0.00785131	0.04024503	3.53E-05	0.0073641	0.43054
7w11w_SITTF	0.0875151	0.5318503	4.79E-05	0.010571	-0.29935
7w11w_SITTF	0.02315898	0.13470867	4.30E-05	0.0050782	-0.077142
7w11w_SITTF	0.10291875	0.6269062	5.74E-05	0.0037844	-1.3397
7w11w_SITTF	0.01233368	0.06790572	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.01355073	0.07541616	3.86E-05	0.0062156	0.17645
7w11w_SITTF	0.02625124	0.15379103	4.42E-05	0.0048445	-0.11213
7w11w_SITTF	0.01347684	0.07496015	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.05386863	0.32421795	6.10E-05	0.005694	0.026054
7w11w_SITTF	0.0238904	0.1392223	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.04021339	0.23995143	4.99E-05	0.0046177	-0.063007
7w11w_SITTF	0.07765324	0.47099274	5.05E-05	0.014229	0.21153
7w11w_SITTF	0.01793022	0.10244197	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.02363907	0.13767132	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.02666502	0.15634446	4.44E-05	0.004813	-0.11546
7w11w_SITTF	0.03471449	0.20601772	4.72E-05	0.0045646	-0.10426
7w11w_SITTF	0.01615879	0.09151047	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.09045047	0.5499644	4.88E-05	0.0086895	-0.51631
7w11w_SITTF	0.02139745	0.12383827	4.24E-05	0.0052258	-0.04878
7w11w_SITTF	0.01886236	0.10819424	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.0120974	0.06644763	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.0213878	0.12377872	4.24E-05	0.0052258	-0.04878
7w11w_SITTF	0.02464007	0.14384846	4.36E-05	0.0049516	-0.098011

7w11w_SITTF	0.02511463	0.14677697	4.38E-05	0.0049138	-0.10343
7w11w_SITTF	0.0188447	0.10808526	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.02129462	0.12320368	4.24E-05	0.0052258	-0.04878
7w11w_SITTF	0.07809208	0.47370085	5.01E-05	0.014289	0.20103
7w11w_SITTF	0.01063941	0.05745038	3.68E-05	0.0068	0.30902
7w11w_SITTF	0.00880462	0.0461279	3.59E-05	0.00713	0.38094
7w11w_SITTF	0.03452773	0.20486525	4.70E-05	0.0045688	-0.10761
7w11w_SITTF	0.05732499	0.34554714	6.30E-05	0.0062853	0.057806
7w11w_SITTF	0.04283853	0.25615114	5.17E-05	0.0047101	-0.042593
7w11w_SITTF	0.0156061	0.08809985	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.03150248	0.18619642	4.60E-05	0.0046154	-0.12002
7w11w_SITTF	0.02829478	0.16640167	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.08026586	0.48711523	4.87E-05	0.014207	0.14202
7w11w_SITTF	0.0314269	0.18573003	4.60E-05	0.0046154	-0.12002
7w11w_SITTF	0.03035258	0.17910038	4.57E-05	0.0046464	-0.12245
7w11w_SITTF	0.02852631	0.16783048	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.0237211	0.13817754	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.03051939	0.18012977	4.57E-05	0.0046464	-0.12245
7w11w_SITTF	0.02892273	0.17027676	4.51E-05	0.0047064	-0.12268
7w11w_SITTF	0.01887716	0.10828552	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.01908559	0.10957176	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.03330301	0.19730745	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.03386433	0.2007714	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.07526228	0.45623815	5.28E-05	0.013537	0.23858
7w11w_SITTF	0.01259784	0.06953588	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.07048489	0.4267569	5.71E-05	0.011574	0.23016
7w11w_SITTF	0.06962066	0.4214237	5.82E-05	0.011019	0.21895
7w11w_SITTF	0.07928818	0.48108196	4.93E-05	0.014315	0.17506
7w11w_SITTF	0.03082548	0.18201861	4.57E-05	0.0046464	-0.12145
7w11w_SITTF	0.00809462	0.04174649	3.53E-05	0.0073641	0.40559
7w11w_SITTF	0.01782798	0.10181102	4.06E-05	0.0056572	0.030658
7w11w_SITTF	0.00937761	0.0496638	3.62E-05	0.0070172	0.35661
7w11w_SITTF	0.02508768	0.1466107	4.38E-05	0.0049138	-0.10343
7w11w_SITTF	0.06549399	0.39595804	6.20E-05	0.0089013	0.16566
7w11w_SITTF	0.01577512	0.08914283	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.01990148	0.11460666	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.02449779	0.14297049	4.36E-05	0.0049516	-0.098011
7w11w_SITTF	0.03007592	0.17739311	4.55E-05	0.0046645	-0.12301
7w11w_SITTF	0.01776713	0.10143555	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.03446797	0.20449646	4.70E-05	0.0045688	-0.10761
7w11w_SITTF	0.06765824	0.4093136	6.03E-05	0.009922	0.19812
7w11w_SITTF	0.02419412	0.14109653	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.02414526	0.14079499	4.34E-05	0.0049916	-0.091842

7w11w_SITTF	0.02213052	0.12836203	4.26E-05	0.0051742	-0.068556
7w11w_SITTF	0.03063834	0.18086377	4.57E-05	0.0046464	-0.12245
7w11w_SITTF	0.0129311	0.07159241	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.03906852	0.23288643	4.92E-05	0.0045932	-0.071721
7w11w_SITTF	0.0321365	0.19010897	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.02761003	0.1621761	4.46E-05	0.0047834	-0.12024
7w11w_SITTF	0.04166768	0.24892586	5.05E-05	0.0046492	-0.0504
7w11w_SITTF	0.02303931	0.13397019	4.30E-05	0.0050782	-0.077142
7w11w_SITTF	0.04218769	0.25213486	5.09E-05	0.0046676	-0.04643
7w11w_SITTF	0.02409921	0.14051081	4.34E-05	0.0049916	-0.091842
7w11w_SITTF	0.02022203	0.11657406	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.02073055	0.11972279	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.07422721	0.44985077	5.33E-05	0.013335	0.24406
7w11w_SITTF	0.0092924	0.04913795	3.62E-05	0.0070172	0.35661
7w11w_SITTF	0.01519854	0.0855848	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.03348883	0.19845414	4.66E-05	0.0045822	-0.11071
7w11w_SITTF	0.0884673	0.5377263	4.82E-05	0.0098057	-0.3415
7w11w_SITTF	0.09498734	0.57796144	5.16E-05	0.0059226	-0.8688
7w11w_SITTF	0.0753362	0.45669433	5.23E-05	0.013721	0.23858
7w11w_SITTF	0.02716904	0.15945478	4.46E-05	0.0047834	-0.11816
7w11w_SITTF	0.05301797	0.3189685	6.01E-05	0.0055357	0.022172
7w11w_SITTF	0.02488125	0.14533682	4.36E-05	0.0049516	-0.10343
7w11w_SITTF	0.03583268	0.21291807	4.77E-05	0.0045615	-0.096915
7w11w_SITTF	0.08154009	0.49497855	4.83E-05	0.013957	0.10139
7w11w_SITTF	0.05686916	0.34273422	6.27E-05	0.0061731	0.05269
7w11w_SITTF	0.01952091	0.11225816	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.0741301	0.44925147	5.38E-05	0.013116	0.24406
7w11w_SITTF	0.02623258	0.15367584	4.42E-05	0.0048445	-0.11213
7w11w_SITTF	0.03397029	0.20142527	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.07525183	0.45617363	5.28E-05	0.013537	0.23858
7w11w_SITTF	0.01684398	0.09573877	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.03684251	0.21914971	4.81E-05	0.0045652	-0.088896
7w11w_SITTF	0.03603131	0.21414378	4.77E-05	0.0045615	-0.096915
7w11w_SITTF	0.01575287	0.08900558	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.02541675	0.14864133	4.38E-05	0.0049138	-0.10813
7w11w_SITTF	0.05129391	0.30832934	5.87E-05	0.0053288	0.0077602
7w11w_SITTF	0.01917582	0.11012857	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.06537255	0.39520863	6.20E-05	0.0089013	0.16566
7w11w_SITTF	0.02205465	0.12789387	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.07430968	0.45035967	5.33E-05	0.013335	0.24406
7w11w_SITTF	0.01215256	0.06678806	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.02310811	0.13439478	4.30E-05	0.0050782	-0.077142
7w11w_SITTF	0.07519717	0.45583633	5.28E-05	0.013537	0.23858

7w11w_SITTF	0.02237015	0.1298408	4.28E-05	0.005125	-0.068556
7w11w_SITTF	0.01018135	0.05462368	3.65E-05	0.0069072	0.33263
7w11w_SITTF	0.02956761	0.17425635	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.00490136	0.02204088	3.38E-05	0.0079991	0.55892
7w11w_SITTF	0.04062142	0.24246936	4.99E-05	0.0046177	-0.058715
7w11w_SITTF	0.01231233	0.06777399	3.77E-05	0.0064954	0.24064
7w11w_SITTF	0.03143887	0.18580389	4.60E-05	0.0046154	-0.12002
7w11w_SITTF	0.02676215	0.15694386	4.44E-05	0.004813	-0.11546
7w11w_SITTF	0.02261003	0.13132109	4.28E-05	0.005125	-0.068556
7w11w_SITTF	0.01669647	0.09482852	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.01662024	0.09435806	4.00E-05	0.0058035	0.080526
7w11w_SITTF	0.02556806	0.1495751	4.40E-05	0.0048781	-0.10813
7w11w_SITTF	0.04961766	0.29798517	5.73E-05	0.0051543	-0.0022352
7w11w_SITTF	0.01117223	0.06073842	3.71E-05	0.0066957	0.2858
7w11w_SITTF	0.01855072	0.10627111	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.01103348	0.05988216	3.71E-05	0.0066957	0.2858
7w11w_SITTF	0.03208538	0.1897935	4.62E-05	0.0046026	-0.11821
7w11w_SITTF	0.02508573	0.14659864	4.38E-05	0.0049138	-0.10343
7w11w_SITTF	0.01105752	0.06003053	3.71E-05	0.0066957	0.2858
7w11w_SITTF	0.0149939	0.08432191	3.92E-05	0.0060428	0.1363
7w11w_SITTF	0.02312168	0.13447851	4.30E-05	0.0050782	-0.077142
7w11w_SITTF	0.08031335	0.48740828	4.87E-05	0.014207	0.14202
7w11w_SITTF	0.01366589	0.07612681	3.86E-05	0.0062156	0.17645
7w11w_SITTF	0.01567359	0.08851632	3.95E-05	0.0059603	0.098494
7w11w_SITTF	0.02964827	0.17475405	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.0733957	0.44471946	5.43E-05	0.012883	0.24489
7w11w_SITTF	0.07611804	0.46151903	5.18E-05	0.013885	0.23393
7w11w_SITTF	0.00515423	0.02360134	3.38E-05	0.0079991	0.55892
7w11w_SITTF	0.08569324	0.5206076	4.76E-05	0.0117	-0.14081
7w11w_SITTF	0.09135594	0.5555521	4.93E-05	0.0079874	-0.60562
7w11w_SITTF	0.0133242	0.07401821	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.02133203	0.12343454	4.24E-05	0.0052258	-0.04878
7w11w_SITTF	0.06131217	0.370152	6.37E-05	0.0074328	0.10072
7w11w_SITTF	0.01606016	0.09090181	3.98E-05	0.0058806	0.098494
7w11w_SITTF	0.01904425	0.10931664	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.02975668	0.17542304	4.53E-05	0.0046846	-0.12301
7w11w_SITTF	0.02506597	0.14647672	4.38E-05	0.0049138	-0.10343
7w11w_SITTF	0.03292458	0.19497217	4.64E-05	0.0045915	-0.11603
7w11w_SITTF	0.01869807	0.10718035	4.11E-05	0.0055212	0.015459
7w11w_SITTF	0.01970989	0.11342429	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.01950272	0.11214588	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.02199811	0.12754495	4.26E-05	0.0051742	-0.059109
7w11w_SITTF	0.01007367	0.05395921	3.65E-05	0.0069072	0.33263

7w11w_SITTF	0.03842456	0.22891258	4.87E-05	0.0045758	-0.076088
7w11w_SITTF	0.03278376	0.1941032	4.64E-05	0.0045915	-0.11603
7w11w_SITTF	0.03250613	0.19238994	4.64E-05	0.0045915	-0.11603
7w11w_SITTF	0.02784325	0.16361532	4.48E-05	0.0047558	-0.12024
7w11w_SITTF	0.00973662	0.05187928	3.65E-05	0.0069072	0.33263
7w11w_SITTF	0.01293687	0.07162803	3.80E-05	0.0063994	0.21875
7w11w_SITTF	0.02084019	0.12039943	4.21E-05	0.0052798	-0.037579
7w11w_SITTF	0.04493681	0.26909962	5.30E-05	0.0047888	-0.028317
7w11w_SITTF	0.022217	0.12889569	4.28E-05	0.005125	-0.068556
7w11w_SITTF	0.01712432	0.09746876	4.03E-05	0.005729	0.063215
7w11w_SITTF	0.07906914	0.47973028	4.97E-05	0.014318	0.17506
7w11w_SITTF	0.02738297	0.16077492	4.46E-05	0.0047834	-0.11816
7w11w_SITTF	0.01911873	0.10977625	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.03346568	0.19831128	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.01324877	0.07355273	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.01898649	0.10896024	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.01816758	0.10390675	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.01344506	0.07476406	3.83E-05	0.0063061	0.19734
7w11w_SITTF	0.02467543	0.14406668	4.36E-05	0.0049516	-0.098011
7w11w_SITTF	0.02861569	0.16838203	4.49E-05	0.0047302	-0.12268
7w11w_SITTF	0.0532136	0.3201757	6.05E-05	0.0056127	0.022172
7w11w_SITTF	0.01734394	0.09882403	4.06E-05	0.0056572	0.046584
7w11w_SITTF	0.07933774	0.4813878	4.93E-05	0.014315	0.17506
7w11w_SITTF	0.07226201	0.4377235	5.54E-05	0.012382	0.24161
7w11w_SITTF	0.01498753	0.08428262	3.92E-05	0.0060428	0.1363
7w11w_SITTF	0.00713245	0.0358089	3.50E-05	0.0074854	0.45576
7w11w_SITTF	0.0468474	0.28088993	5.49E-05	0.0049251	-0.018376
7w11w_SITTF	0.01969804	0.11335121	4.16E-05	0.0053955	-0.012659
7w11w_SITTF	0.02829416	0.16639785	4.49E-05	0.0047302	-0.12174
7w11w_SITTF	0.03319358	0.19663219	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.03851483	0.2294696	4.89E-05	0.0045836	-0.076088
7w11w_SITTF	0.07760484	0.47069407	5.05E-05	0.014229	0.21153
7w11w_SITTF	0.01815879	0.10385247	4.09E-05	0.0055879	0.030658
7w11w_SITTF	0.08544845	0.519097	4.76E-05	0.012059	-0.14081
7w11w_SITTF	0.08116821	0.49268365	4.85E-05	0.0141	0.10139
7w11w_SITTF	0.01897566	0.10889339	4.14E-05	0.0054571	0.0010121
7w11w_SITTF	0.04927131	0.29584783	5.68E-05	0.0051026	-0.0022352
7w11w_SITTF	0.04522413	0.27087274	5.34E-05	0.0048194	-0.028317
7w11w_SITTF	0.03031979	0.17889802	4.55E-05	0.0046645	-0.12245
7w11w_SITTF	0.03367872	0.19962598	4.68E-05	0.0045746	-0.11071
7w11w_SITTF	0.07701464	0.46705195	5.09E-05	0.014141	0.22047
7w11w_SITTF	0.02358909	0.1373629	4.32E-05	0.0050338	-0.084895
7w11w_SITTF	0.01734204	0.09881234	4.06E-05	0.0056572	0.046584

7w11w_SITTF	0.0153304	0.08639848	3.95E-05	0.0059603	0.11709
7w11w_SITTF	0.00248252	0.0071142	3.23E-05	0.0087041	0.69119
7w11w_SITTF	0.01123351	0.06111658	3.71E-05	0.0066957	0.2858
7w11w_SITTF	0.03306782	0.19585614	4.66E-05	0.0045822	-0.11352
7w11w_SITTF	0.06883081	0.41654953	5.87E-05	0.010741	0.21248
7w11w_SITTF	0.02014446	0.11610609	4.19E-05	0.0053364	-0.025531
7w11w_SITTF	0.03148418	0.1860835	4.60E-05	0.0046154	-0.12002
7w11w_SITTF	0.0334707	0.19834228	4.66E-05	0.0045822	-0.11071
7w11w_SITTF	0.06420034	0.38797492	6.27E-05	0.0084357	0.14015
7w11w_SITTF	0.02925137	0.17230482	4.53E-05	0.0046846	-0.1231
7w11w_SITTF	0.0111217	0.06042659	3.71E-05	0.0066957	0.2858
7w11w_SITTF	0.09175505	0.558015	4.96E-05	0.0076529	-0.60562
16w_SITTD12	0.09145048	0.55613554	4.93E-05	0.0079874	-0.60562
16w_SITTD12	0.0257922	0.15095828	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.03126905	0.18475592	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.01818199	0.10399565	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.09721802	0.591727	5.32E-05	0.0050496	-1.0673
16w_SITTD12	0.09207283	0.55997604	4.96E-05	0.0076529	-0.6503
16w_SITTD12	0.02025085	0.11676258	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.09221467	0.56085134	4.99E-05	0.0073308	-0.6503
16w_SITTD12	0.08487421	0.5155533	4.76E-05	0.012404	-0.10433
16w_SITTD12	0.02268737	0.13179834	4.28E-05	0.005125	-0.077142
16w_SITTD12	0.08993237	0.54676723	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.02134748	0.12352988	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.07821983	0.47448918	5.01E-05	0.014289	0.20103
16w_SITTD12	0.02274901	0.13217874	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.07632811	0.46281537	5.18E-05	0.013885	0.22792
16w_SITTD12	0.01569888	0.08867239	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.03196834	0.18907121	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.06766091	0.4093301	6.03E-05	0.009922	0.19812
16w_SITTD12	0.00830291	0.04303184	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.02128136	0.12312188	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.03523381	0.20922242	4.74E-05	0.0045622	-0.10068
16w_SITTD12	0.02230688	0.12945038	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02717242	0.1594756	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.02852844	0.16784362	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.08167423	0.49580628	4.83E-05	0.013957	0.078055
16w_SITTD12	0.05151992	0.309724	5.92E-05	0.0053939	0.011221
16w_SITTD12	0.04403801	0.26355314	5.25E-05	0.0047605	-0.035266
16w_SITTD12	0.01903876	0.1092828	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.03165866	0.18716018	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.034779	0.20641579	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.00619147	0.03000214	3.44E-05	0.0077366	0.50694

16w_SITTD12	0.01707798	0.0971828	4.03E-05	0.005729	0.063215
16w_SITTD12	0.08889356	0.54035676	4.84E-05	0.0094274	-0.3844
16w_SITTD12	0.05337826	0.32119185	6.05E-05	0.0056127	0.022172
16w_SITTD12	0.0937941	0.570598	5.09E-05	0.0064439	-0.7829
16w_SITTD12	0.03761741	0.22393164	4.84E-05	0.0045696	-0.084703
16w_SITTD12	0.02618613	0.15338919	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.05121438	0.30783853	5.87E-05	0.0053288	0.0077602
16w_SITTD12	0.02142691	0.12402009	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.04657584	0.27921408	5.44E-05	0.0048874	-0.018376
16w_SITTD12	0.01907187	0.10948712	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.00551891	0.02585175	3.41E-05	0.0078664	0.53284
16w_SITTD12	0.08068968	0.48973066	4.87E-05	0.014207	0.12269
16w_SITTD12	0.02315027	0.1346549	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.02624063	0.1537255	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01528624	0.08612599	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.0926026	0.56324524	4.99E-05	0.0073308	-0.69483
16w_SITTD12	0.01938021	0.11138988	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.02490899	0.14550798	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.02134314	0.12350311	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01590571	0.08994871	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.04481215	0.2683304	5.30E-05	0.0047888	-0.031751
16w_SITTD12	0.0194549	0.11185081	4.14E-05	0.0054571	-0.012659
16w_SITTD12	0.01552332	0.08758897	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.08017236	0.48653826	4.90E-05	0.014278	0.14202
16w_SITTD12	0.06669016	0.4033396	6.07E-05	0.0096573	0.18233
16w_SITTD12	0.03525429	0.20934884	4.74E-05	0.0045622	-0.10068
16w_SITTD12	0.01716562	0.09772362	4.03E-05	0.005729	0.063215
16w_SITTD12	0.0153064	0.0862504	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01277649	0.07063831	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.08665952	0.5265705	4.77E-05	0.01133	-0.21781
16w_SITTD12	0.02745357	0.16121057	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.02218476	0.12869677	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.03449803	0.20468195	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.08452493	0.51339793	4.76E-05	0.012404	-0.069378
16w_SITTD12	0.06536557	0.39516553	6.20E-05	0.0089013	0.16566
16w_SITTD12	0.01825319	0.104435	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.09741562	0.5929464	5.32E-05	0.0050496	-1.0673
16w_SITTD12	0.06901763	0.41770238	5.87E-05	0.010741	0.21248
16w_SITTD12	0.07874365	0.4777217	4.97E-05	0.014318	0.18889
16w_SITTD12	0.08340894	0.50651115	4.78E-05	0.013315	-0.0045591
16w_SITTD12	0.0807171	0.48989984	4.87E-05	0.014207	0.12269
16w_SITTD12	0.03273305	0.19379023	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.01478666	0.08304308	3.92E-05	0.0060428	0.1363

16w_SITTD12	0.05688968	0.3428608	6.30E-05	0.0062853	0.05269
16w_SITTD12	0.01337145	0.07430983	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.02919476	0.17195547	4.51E-05	0.0047064	-0.1231
16w_SITTD12	0.08724667	0.5301938	4.79E-05	0.010571	-0.25808
16w_SITTD12	0.00895418	0.04705081	3.59E-05	0.00713	0.38094
16w_SITTD12	0.07495093	0.4543168	5.28E-05	0.013537	0.24193
16w_SITTD12	0.02309658	0.13432361	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01048411	0.05649204	3.68E-05	0.0068	0.30902
16w_SITTD12	0.03319708	0.19665377	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.01902035	0.10916919	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.00967328	0.0514884	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.00771578	0.03940869	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.02717234	0.1594751	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.04820478	0.2892663	5.58E-05	0.0050083	-0.0087048
16w_SITTD12	0.08916645	0.54204077	4.84E-05	0.0094274	-0.42792
16w_SITTD12	0.02118096	0.12250228	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02122529	0.12277588	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01911864	0.10977575	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.04316412	0.25816035	5.17E-05	0.0047101	-0.042593
16w_SITTD12	0.03128474	0.18485275	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.07200196	0.43611872	5.60E-05	0.012118	0.24161
16w_SITTD12	0.0324594	0.1921016	4.62E-05	0.0046026	-0.11603
16w_SITTD12	0.0982608	0.598162	5.40E-05	0.0046955	-1.1032
16w_SITTD12	0.02341967	0.13631739	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.01247851	0.06879944	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.03229164	0.19106631	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.03219391	0.19046323	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.09431384	0.5738053	5.13E-05	0.0061762	-0.82618
16w_SITTD12	0.09724296	0.5918809	5.32E-05	0.0050496	-1.0673
16w_SITTD12	0.02072245	0.11967281	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.00760848	0.03874648	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.02644351	0.15497752	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01961691	0.11285052	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.0821249	0.49858737	4.81E-05	0.013778	0.05262
16w_SITTD12	0.01656346	0.09400772	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.08643757	0.52520084	4.77E-05	0.01133	-0.21781
16w_SITTD12	0.01456904	0.08170013	3.89E-05	0.0061278	0.1363
16w_SITTD12	0.01873907	0.10743341	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.08859445	0.538511	4.82E-05	0.0098057	-0.3844
16w_SITTD12	0.08416387	0.5111698	4.76E-05	0.012731	-0.036078
16w_SITTD12	0.01741151	0.09924103	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.09289593	0.5650554	5.02E-05	0.0070215	-0.73907
16w_SITTD12	0.02079811	0.1201397	4.21E-05	0.0052798	-0.037579

16w_SITTD12	0.02069289	0.11949045	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.08745657	0.5314891	4.79E-05	0.010571	-0.25808
16w_SITTD12	0.05426762	0.3266801	6.14E-05	0.0057798	0.030074
16w_SITTD12	0.08629129	0.52429813	4.77E-05	0.01133	-0.17867
16w_SITTD12	0.02365124	0.13774641	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.05858235	0.3533063	6.35E-05	0.0066597	0.068735
16w_SITTD12	0.01125528	0.0612509	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.01698141	0.09658687	4.03E-05	0.005729	0.063215
16w_SITTD12	0.01587236	0.08974294	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.09333368	0.5677567	5.06E-05	0.0067258	-0.73907
16w_SITTD12	0.03423254	0.20304361	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.02291559	0.13320673	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.08729213	0.5304743	4.79E-05	0.010571	-0.25808
16w_SITTD12	0.05685177	0.34262687	6.27E-05	0.0061731	0.05269
16w_SITTD12	0.02361146	0.13750094	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.03302605	0.19559836	4.64E-05	0.0045915	-0.11352
16w_SITTD12	0.08943862	0.5437203	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.01498992	0.0842974	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.04258774	0.25460356	5.13E-05	0.0046879	-0.04643
16w_SITTD12	0.08460663	0.51390207	4.76E-05	0.012404	-0.069378
16w_SITTD12	0.02137091	0.12367448	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01137209	0.06197174	3.74E-05	0.0065941	0.263
16w_SITTD12	0.09533335	0.58009666	5.16E-05	0.0059226	-0.91061
16w_SITTD12	0.02285055	0.13280532	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.02373114	0.13823949	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.07727871	0.46868154	5.09E-05	0.014141	0.21153
16w_SITTD12	0.01527565	0.08606061	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01385536	0.07729599	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.09009519	0.547772	4.88E-05	0.0086895	-0.47194
16w_SITTD12	0.05680242	0.34232232	6.27E-05	0.0061731	0.05269
16w_SITTD12	0.09635015	0.58637136	5.24E-05	0.0054581	-0.99133
16w_SITTD12	0.02667208	0.15638798	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.02407564	0.14036535	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.08315272	0.50493	4.78E-05	0.013315	0.02505
16w_SITTD12	0.0769484	0.46664318	5.09E-05	0.014141	0.22047
16w_SITTD12	0.04167022	0.24894151	5.05E-05	0.0046492	-0.0504
16w_SITTD12	0.02215435	0.12850912	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.01201234	0.06592276	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.07050394	0.42687446	5.71E-05	0.011574	0.23016
16w_SITTD12	0.03633365	0.21600953	4.79E-05	0.0045625	-0.092976
16w_SITTD12	0.01274203	0.07042567	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.01389761	0.07755672	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.08018628	0.48662415	4.87E-05	0.014207	0.14202

16w_SITTD12	0.07658609	0.46440738	5.13E-05	0.014025	0.22792
16w_SITTD12	0.03270774	0.1936341	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.16283672	0.99666	7.92E-05	0.0048848	-1.0593
16w_SITTD12	0.01390674	0.07761305	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.02880134	0.16952765	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.01597874	0.09039936	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.02341639	0.13629715	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02600587	0.15227684	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.02495142	0.14576985	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.03942454	0.2350834	4.92E-05	0.0045932	-0.067351
16w_SITTD12	0.03606524	0.21435319	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.01599105	0.09047537	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01198682	0.06576526	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.05775162	0.34817982	6.32E-05	0.0064035	0.057806
16w_SITTD12	0.02161436	0.1251768	4.24E-05	0.0052258	-0.059109
16w_SITTD12	0.02667444	0.15640259	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.0831025	0.50462013	4.78E-05	0.013315	0.02505
16w_SITTD12	0.01415629	0.07915308	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.01681015	0.09553003	4.03E-05	0.005729	0.063215
16w_SITTD12	0.07312529	0.44305077	5.49E-05	0.012637	0.24489
16w_SITTD12	0.10094978	0.6147557	5.62E-05	0.0040352	-1.2563
16w_SITTD12	0.01305752	0.07237253	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.01887656	0.10828184	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.10286167	0.626554	5.74E-05	0.0037844	-1.3397
16w_SITTD12	0.01817915	0.10397813	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01475834	0.08286829	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.09248348	0.5625102	4.99E-05	0.0073308	-0.69483
16w_SITTD12	0.04909439	0.2947561	5.68E-05	0.0051026	-0.0054808
16w_SITTD12	0.07887591	0.47853783	4.97E-05	0.014318	0.17506
16w_SITTD12	0.00986144	0.05264952	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.02484579	0.14511795	4.36E-05	0.0049516	-0.10343
16w_SITTD12	0.07255914	0.43955708	5.54E-05	0.012382	0.24373
16w_SITTD12	0.01877438	0.10765129	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.05714671	0.344447	6.30E-05	0.0062853	0.05269
16w_SITTD12	0.02440514	0.14239869	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.00598427	0.0287235	3.44E-05	0.0077366	0.50694
16w_SITTD12	0.08540178	0.51880896	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.0296152	0.17455001	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.0562941	0.33918548	6.24E-05	0.0060668	0.047788
16w_SITTD12	0.01088703	0.05897846	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.02235959	0.12977564	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.09213604	0.5603661	4.99E-05	0.0073308	-0.6503
16w_SITTD12	0.09626485	0.585845	5.24E-05	0.0054581	-0.99133

16w_SITTD12	0.02671815	0.1566723	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.01076495	0.0582251	3.68E-05	0.0068	0.30902
16w_SITTD12	0.05763009	0.3474299	6.32E-05	0.0064035	0.057806
16w_SITTD12	0.01255846	0.06929283	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.02408361	0.14041454	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.09033442	0.54924834	4.88E-05	0.0086895	-0.51631
16w_SITTD12	0.09096477	0.5531382	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.02754623	0.16178241	4.46E-05	0.0047834	-0.12024
16w_SITTD12	0.01568976	0.08861611	3.95E-05	0.0059603	0.098494
16w_SITTD12	0.06982128	0.42266172	5.82E-05	0.011019	0.22487
16w_SITTD12	0.02703274	0.15861364	4.44E-05	0.004813	-0.11816
16w_SITTD12	0.05368421	0.32307982	6.10E-05	0.005694	0.026054
16w_SITTD12	0.02529931	0.14791662	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.01388958	0.07750718	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.08959691	0.54469717	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.07883324	0.47827452	4.97E-05	0.014318	0.18889
16w_SITTD12	0.08953209	0.5442971	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.08053874	0.48879915	4.87E-05	0.014207	0.12269
16w_SITTD12	0.02656795	0.1557454	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.02587042	0.151441	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.08965311	0.5450439	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.02769779	0.16271764	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.0262652	0.15387718	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.03404927	0.20191266	4.68E-05	0.0045746	-0.10761
16w_SITTD12	0.089111	0.5416986	4.84E-05	0.0094274	-0.42792
16w_SITTD12	0.08944951	0.54378754	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.02650028	0.15532784	4.42E-05	0.0048445	-0.11546
16w_SITTD12	0.07811412	0.4738368	5.01E-05	0.014289	0.20103
16w_SITTD12	0.03114717	0.18400379	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.02916738	0.1717865	4.51E-05	0.0047064	-0.1231
16w_SITTD12	0.01667965	0.0947247	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.03888757	0.2317698	4.89E-05	0.0045836	-0.071721
16w_SITTD12	0.03640771	0.21646659	4.79E-05	0.0045625	-0.092976
16w_SITTD12	0.03023921	0.17840075	4.55E-05	0.0046645	-0.12245
16w_SITTD12	0.07415041	0.44937682	5.38E-05	0.013116	0.24406
16w_SITTD12	0.02917789	0.17185137	4.51E-05	0.0047064	-0.1231
16w_SITTD12	0.08986746	0.5463667	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.00640021	0.03129029	3.44E-05	0.0077366	0.50694
16w_SITTD12	0.02031158	0.11713735	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.08390979	0.5096019	4.77E-05	0.013036	-0.036078
16w_SITTD12	0.06820114	0.41266385	5.98E-05	0.010192	0.20551
16w_SITTD12	0.02705167	0.15873045	4.44E-05	0.004813	-0.11816
16w_SITTD12	0.01083772	0.05867413	3.71E-05	0.0066957	0.2858

16w_SITTD12	0.02154639	0.12475734	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.07921794	0.48064852	4.93E-05	0.014315	0.17506
16w_SITTD12	0.05328314	0.3206049	6.05E-05	0.0056127	0.022172
16w_SITTD12	0.09977321	0.60749507	5.53E-05	0.004262	-1.2008
16w_SITTD12	0.02331465	0.13566928	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.03186529	0.18843532	4.60E-05	0.0046154	-0.11821
16w_SITTD12	0.09228146	0.5612635	4.99E-05	0.0073308	-0.6503
16w_SITTD12	0.04011732	0.23935857	4.99E-05	0.0046177	-0.063007
16w_SITTD12	0.02107929	0.12187492	4.21E-05	0.0052798	-0.04878
16w_SITTD12	0.02413602	0.140738	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.01250381	0.06895559	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.00749558	0.03804978	3.50E-05	0.0074854	0.45576
16w_SITTD12	0.03149303	0.18613808	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.03742525	0.22274584	4.84E-05	0.0045696	-0.084703
16w_SITTD12	0.08224858	0.49935058	4.81E-05	0.013778	0.05262
16w_SITTD12	0.09106993	0.5537871	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.08277646	0.5026081	4.79E-05	0.013563	0.02505
16w_SITTD12	0.02812417	0.16534889	4.48E-05	0.0047558	-0.12174
16w_SITTD12	0.02185359	0.12665308	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.04688472	0.28112024	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.02655657	0.15567517	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.01852215	0.10609476	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.03688408	0.21940623	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.02523374	0.14751202	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.02215288	0.12850004	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.07810676	0.47379145	5.01E-05	0.014289	0.20103
16w_SITTD12	0.00688208	0.03426388	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.06074436	0.36664805	6.38E-05	0.0072613	0.09374
16w_SITTD12	0.0213839	0.12375466	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.03259746	0.19295353	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.0242924	0.14170301	4.34E-05	0.0049916	-0.098011
16w_SITTD12	0.08518611	0.51747805	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.02439478	0.14233482	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.03453624	0.20491773	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.0186026	0.10659123	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.01822814	0.10428044	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.07170773	0.43430305	5.60E-05	0.012118	0.2386
16w_SITTD12	0.04279153	0.2558611	5.17E-05	0.0047101	-0.042593
16w_SITTD12	0.03007203	0.1773691	4.55E-05	0.0046645	-0.12301
16w_SITTD12	0.09331045	0.56761336	5.06E-05	0.0067258	-0.73907
16w_SITTD12	0.02240101	0.13003121	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.01063312	0.05741158	3.68E-05	0.0068	0.30902
16w_SITTD12	0.01887816	0.1082917	4.11E-05	0.0055212	0.015459

16w_SITTD12	0.01588199	0.08980232	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.03551693	0.21096957	4.74E-05	0.0045622	-0.10068
16w_SITTD12	0.08428709	0.5119302	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.02403438	0.14011073	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.0214892	0.12440447	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01655344	0.09394588	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.0843874	0.5125492	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.026951	0.15810919	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.00962009	0.05116015	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.0172271	0.098103	4.03E-05	0.005729	0.063215
16w_SITTD12	0.01445979	0.08102595	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.07289988	0.44165975	5.49E-05	0.012637	0.24373
16w_SITTD12	0.09088117	0.55262226	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.01840736	0.10538644	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.01268306	0.07006173	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.01227453	0.06754071	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.02665317	0.15627131	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.10197071	0.62105584	5.70E-05	0.0038563	-1.303
16w_SITTD12	0.02391494	0.13937369	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.01439331	0.08061573	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.04665761	0.27971873	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.07786889	0.4723235	5.05E-05	0.014229	0.20103
16w_SITTD12	0.02219499	0.12875988	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.04679102	0.280542	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.05906148	0.356263	6.37E-05	0.0067983	0.074574
16w_SITTD12	0.07057623	0.4273205	5.71E-05	0.011574	0.23016
16w_SITTD12	0.01973752	0.11359484	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.08590154	0.52189296	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.08183513	0.4967992	4.81E-05	0.013778	0.078055
16w_SITTD12	0.01478137	0.08301044	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.03248352	0.19225042	4.62E-05	0.0046026	-0.11603
16w_SITTD12	0.0137651	0.07673904	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.04754969	0.28522375	5.53E-05	0.0049654	-0.01192
16w_SITTD12	0.02134067	0.12348787	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.00745112	0.03777542	3.50E-05	0.0074854	0.45576
16w_SITTD12	0.02382532	0.13882066	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.03696096	0.21988066	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.01125387	0.06124221	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.08764344	0.53264225	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.00856246	0.04463351	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.01375661	0.07668664	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01094765	0.05935256	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.00315208	0.01124608	3.26E-05	0.0085576	0.66457

16w_SITTD12	0.0908237	0.5522677	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.0148585	0.08348639	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.02058967	0.11885343	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.04170005	0.24912563	5.05E-05	0.0046492	-0.0504
16w_SITTD12	0.08461201	0.5139353	4.76E-05	0.012404	-0.069378
16w_SITTD12	0.01830578	0.10475957	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.07222647	0.43750417	5.54E-05	0.012382	0.24161
16w_SITTD12	0.02943717	0.1734514	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.01315045	0.07294603	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.08631266	0.52443004	4.77E-05	0.01133	-0.17867
16w_SITTD12	0.08476337	0.51486933	4.76E-05	0.012404	-0.069378
16w_SITTD12	0.09567317	0.58219373	5.20E-05	0.0056833	-0.9515
16w_SITTD12	0.01060863	0.05726047	3.68E-05	0.0068	0.30902
16w_SITTD12	0.07419847	0.44967338	5.38E-05	0.013116	0.24406
16w_SITTD12	0.03865771	0.23035134	4.89E-05	0.0045836	-0.076088
16w_SITTD12	0.01456868	0.08169789	3.89E-05	0.0061278	0.1363
16w_SITTD12	0.09518348	0.57917184	5.16E-05	0.0059226	-0.91061
16w_SITTD12	0.01571389	0.08876499	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.02931024	0.1726681	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.05450006	0.32811448	6.14E-05	0.0057798	0.030074
16w_SITTD12	0.01602833	0.0907054	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.0231063	0.1343836	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.0947694	0.5766165	5.13E-05	0.0061762	-0.8688
16w_SITTD12	0.05297567	0.31870747	6.01E-05	0.0055357	0.022172
16w_SITTD12	0.01660166	0.09424343	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.0178871	0.10217588	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.02442518	0.14252238	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.02507216	0.14651492	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.01799281	0.10282822	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01943752	0.11174353	4.14E-05	0.0054571	-0.012659
16w_SITTD12	0.04412851	0.26411164	5.25E-05	0.0047605	-0.035266
16w_SITTD12	0.01993634	0.11482174	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.02146143	0.12423306	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02880667	0.16956058	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.01280106	0.07078995	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.06027916	0.36377728	6.38E-05	0.0070986	0.087064
16w_SITTD12	0.04766809	0.2859544	5.53E-05	0.0049654	-0.01192
16w_SITTD12	0.09782031	0.5954437	5.36E-05	0.0048658	-1.1032
16w_SITTD12	0.00878235	0.04599049	3.59E-05	0.00713	0.38094
16w_SITTD12	0.03578617	0.21263108	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.01486514	0.08352734	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.07887217	0.47851476	4.97E-05	0.014318	0.17506
16w_SITTD12	0.01126563	0.06131481	3.71E-05	0.0066957	0.2858

16w_SITTD12	0.01344241	0.0747477	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.01406432	0.07858549	3.86E-05	0.0062156	0.1561
16w_SITTD12	0.03649775	0.21702224	4.79E-05	0.0045625	-0.092976
16w_SITTD12	0.08091726	0.49113503	4.85E-05	0.0141	0.12269
16w_SITTD12	0.00874834	0.04578056	3.59E-05	0.00713	0.38094
16w_SITTD12	0.06628862	0.40086168	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.01689856	0.09607559	4.03E-05	0.005729	0.063215
16w_SITTD12	0.09674238	0.58879185	5.28E-05	0.0052469	-1.03
16w_SITTD12	0.04121015	0.24610241	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.02346383	0.13658988	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.08042687	0.48810884	4.87E-05	0.014207	0.14202
16w_SITTD12	0.03476458	0.2063268	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.0161422	0.09140808	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.02456382	0.14337792	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.01494379	0.08401274	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.09168208	0.5575647	4.96E-05	0.0076529	-0.60562
16w_SITTD12	0.08725817	0.53026474	4.79E-05	0.010571	-0.25808
16w_SITTD12	0.04954927	0.29756317	5.73E-05	0.0051543	-0.0022352
16w_SITTD12	0.09882622	0.6016512	5.45E-05	0.0045382	-1.1375
16w_SITTD12	0.10373583	0.6319484	5.82E-05	0.0036742	-1.3662
16w_SITTD12	0.03432543	0.20361681	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.02670493	0.15659074	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.0098931	0.05284491	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.03378498	0.2002817	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.09412969	0.5726689	5.09E-05	0.0064439	-0.82618
16w_SITTD12	0.02075208	0.11985569	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.02761041	0.16217847	4.46E-05	0.0047834	-0.12024
16w_SITTD12	0.08197315	0.49765092	4.81E-05	0.013778	0.078055
16w_SITTD12	0.0545409	0.32836652	6.14E-05	0.0057798	0.034245
16w_SITTD12	0.08225777	0.49940732	4.81E-05	0.013778	0.05262
16w_SITTD12	0.04071762	0.24306306	5.02E-05	0.0046325	-0.058715
16w_SITTD12	0.0609964	0.36820337	6.38E-05	0.0072613	0.09374
16w_SITTD12	0.03899369	0.23242469	4.89E-05	0.0045836	-0.071721
16w_SITTD12	0.01521136	0.08566386	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.02771906	0.16284892	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.09572178	0.5824937	5.20E-05	0.0056833	-0.9515
16w_SITTD12	0.01199592	0.06582142	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.01351454	0.07519282	3.83E-05	0.0063061	0.17645
16w_SITTD12	0.08946306	0.54387116	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.02255213	0.13096382	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02023013	0.11663475	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02231776	0.12951748	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02974602	0.17535731	4.53E-05	0.0046846	-0.12301

16w_SITTD12	0.08649784	0.5255728	4.77E-05	0.01133	-0.21781
16w_SITTD12	0.0337179	0.19986774	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.07593983	0.46041933	5.18E-05	0.013885	0.23393
16w_SITTD12	0.02576533	0.15079248	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.09723504	0.59183204	5.32E-05	0.0050496	-1.0673
16w_SITTD12	0.022982	0.13361655	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.06637847	0.40141618	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.02516393	0.1470812	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.07964101	0.48325932	4.93E-05	0.014315	0.15946
16w_SITTD12	0.06204256	0.37465924	6.36E-05	0.0076138	0.10802
16w_SITTD12	0.07621851	0.46213904	5.18E-05	0.013885	0.22792
16w_SITTD12	0.09162247	0.55719686	4.96E-05	0.0076529	-0.60562
16w_SITTD12	0.04657091	0.27918372	5.44E-05	0.0048874	-0.018376
16w_SITTD12	0.04159972	0.24850646	5.05E-05	0.0046492	-0.0504
16w_SITTD12	0.0232946	0.1355456	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02710949	0.15908729	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.02344811	0.13649288	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.00763555	0.03891353	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.04471261	0.2677161	5.30E-05	0.0047888	-0.031751
16w_SITTD12	0.02118755	0.12254299	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01196699	0.06564289	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.01406189	0.07857052	3.86E-05	0.0062156	0.1561
16w_SITTD12	0.02683282	0.15737993	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.06629252	0.40088573	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.03102427	0.18324536	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.02418531	0.14104214	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.01931392	0.11098081	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01910583	0.10969669	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01802133	0.10300423	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.085223	0.51770574	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.01800265	0.10288893	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.10132799	0.61708957	5.66E-05	0.0039398	-1.2808
16w_SITTD12	0.07409212	0.44901708	5.38E-05	0.013116	0.24406
16w_SITTD12	0.08696523	0.528457	4.78E-05	0.010952	-0.25808
16w_SITTD12	0.00355308	0.01372064	3.29E-05	0.0084138	0.63801
16w_SITTD12	0.026439	0.1549497	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01623298	0.09196831	3.98E-05	0.0058806	0.080526
16w_SITTD12	0.12680747	0.77432346	7.01E-05	0.0055336	-0.96718
16w_SITTD12	0.03116639	0.18412237	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.03040964	0.17945251	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.10565463	0.6437893	5.94E-05	0.0035815	-1.3882
16w_SITTD12	0.0172902	0.09849242	4.03E-05	0.005729	0.046584
16w_SITTD12	0.0699433	0.42341474	5.76E-05	0.011297	0.22487

16w_SITTD12	0.01535182	0.08653066	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.10018707	0.610049	5.53E-05	0.004262	-1.2296
16w_SITTD12	0.02098877	0.12131627	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.03298005	0.1953145	4.64E-05	0.0045915	-0.11352
16w_SITTD12	0.01351944	0.07522308	3.83E-05	0.0063061	0.17645
16w_SITTD12	0.01964634	0.11303213	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.09099726	0.5533387	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.03142108	0.1856941	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.02047139	0.11812355	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02426778	0.14155105	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.10034652	0.61103296	5.58E-05	0.0041426	-1.2296
16w_SITTD12	0.02442016	0.14249139	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.03441877	0.2041928	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.04216771	0.2520115	5.09E-05	0.0046676	-0.04643
16w_SITTD12	0.04245259	0.25376952	5.13E-05	0.0046879	-0.04643
16w_SITTD12	0.03070787	0.18129289	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.08380291	0.50894237	4.77E-05	0.013036	-0.036078
16w_SITTD12	0.03076913	0.18167092	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.02575988	0.15075885	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.03451859	0.20480879	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.01447122	0.08109652	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.01371182	0.07641023	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.0168918	0.09603386	4.03E-05	0.005729	0.063215
16w_SITTD12	0.0134729	0.07493588	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.08415834	0.5111357	4.76E-05	0.012731	-0.036078
16w_SITTD12	0.02800275	0.1645996	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.02210821	0.12822434	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.08837535	0.53715885	4.82E-05	0.0098057	-0.3415
16w_SITTD12	0.02076053	0.1199078	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.08782222	0.5337455	4.80E-05	0.010188	-0.29935
16w_SITTD12	0.08987577	0.54641795	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.03048532	0.17991953	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.02150323	0.124491	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02169882	0.125698	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.00694327	0.03464148	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.09490902	0.5774782	5.16E-05	0.0059226	-0.8688
16w_SITTD12	0.06484201	0.39193463	6.24E-05	0.0086643	0.15715
16w_SITTD12	0.09040066	0.54965705	4.88E-05	0.0086895	-0.51631
16w_SITTD12	0.08974728	0.54562503	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.022798	0.13248104	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01339364	0.07444672	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.01557482	0.08790679	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.02064442	0.11919134	4.21E-05	0.0052798	-0.037579

16w_SITTD12	0.01536362	0.08660346	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01365918	0.07608537	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.0239306	0.13947035	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.08997132	0.5470076	4.88E-05	0.0086895	-0.47194
16w_SITTD12	0.08889817	0.54038525	4.84E-05	0.0094274	-0.3844
16w_SITTD12	0.01960189	0.11275783	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.08614267	0.52338105	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.09061673	0.5509904	4.91E-05	0.0083333	-0.51631
16w_SITTD12	0.0288641	0.16991498	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.02972762	0.17524375	4.53E-05	0.0046846	-0.12301
16w_SITTD12	0.08826961	0.53650635	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.02020809	0.11649875	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02052696	0.11846648	4.19E-05	0.0053364	-0.037579
16w_SITTD12	0.01567811	0.08854423	3.95E-05	0.0059603	0.098494
16w_SITTD12	0.0413667	0.24706848	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.02456373	0.14337738	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.02247856	0.13050978	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.08943421	0.54369307	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.01111475	0.06038372	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.09345441	0.5685018	5.06E-05	0.0067258	-0.7829
16w_SITTD12	0.08072151	0.48992702	4.87E-05	0.014207	0.12269
16w_SITTD12	0.00999422	0.05346891	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.0290316	0.17094861	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.08305436	0.50432307	4.78E-05	0.013315	0.02505
16w_SITTD12	0.07695304	0.46667182	5.09E-05	0.014141	0.22047
16w_SITTD12	0.04679129	0.28054368	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.00846872	0.04405507	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.08124499	0.49315745	4.85E-05	0.0141	0.10139
16w_SITTD12	0.08447665	0.51309997	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.08436485	0.51241004	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.0913435	0.55547535	4.93E-05	0.0079874	-0.60562
16w_SITTD12	0.0549806	0.33107987	6.17E-05	0.0058704	0.034245
16w_SITTD12	0.01811652	0.10359166	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01664914	0.09453643	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.08590577	0.5219191	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.02204832	0.12785478	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.03196188	0.18903135	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.04683821	0.28083318	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.05132742	0.30853614	5.87E-05	0.0053288	0.011221
16w_SITTD12	0.02795741	0.16431977	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.01595449	0.09024972	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.07434738	0.45059234	5.33E-05	0.013335	0.24406
16w_SITTD12	0.08964374	0.5449861	4.86E-05	0.0090548	-0.42792

16w_SITTD12	0.00764017	0.03894205	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.09644227	0.5869398	5.24E-05	0.0054581	-0.99133
16w_SITTD12	0.01390818	0.07762196	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.0106232	0.05735033	3.68E-05	0.0068	0.30902
16w_SITTD12	0.04120909	0.24609588	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.02824424	0.16608982	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.01483653	0.08335083	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.0356634	0.21187341	4.74E-05	0.0045622	-0.096915
16w_SITTD12	0.09716883	0.59142345	5.32E-05	0.0050496	-1.03
16w_SITTD12	0.07342204	0.444882	5.43E-05	0.012883	0.24489
16w_SITTD12	0.01533691	0.08643864	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01834726	0.10501552	4.09E-05	0.0055879	0.015459
16w_SITTD12	0.08436615	0.5124181	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.07683945	0.46597084	5.13E-05	0.014025	0.22047
16w_SITTD12	0.03407152	0.20204994	4.68E-05	0.0045746	-0.10761
16w_SITTD12	0.09355911	0.5691479	5.06E-05	0.0067258	-0.7829
16w_SITTD12	0.02255257	0.13096651	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.0470877	0.28237283	5.49E-05	0.0049251	-0.01514
16w_SITTD12	0.02563612	0.14999512	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01297225	0.07184637	3.80E-05	0.0063994	0.19734
16w_SITTD12	0.09529554	0.57986337	5.16E-05	0.0059226	-0.91061
16w_SITTD12	0.0211492	0.12230633	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.07860169	0.47684562	4.97E-05	0.014318	0.18889
16w_SITTD12	0.06749778	0.40832344	6.03E-05	0.009922	0.19037
16w_SITTD12	0.0283559	0.16677885	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.00411033	0.01715942	3.32E-05	0.0082728	0.61153
16w_SITTD12	0.01376448	0.0767352	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.00839886	0.04362395	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.02797189	0.16440912	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.06157655	0.37178347	6.37E-05	0.0074328	0.10802
16w_SITTD12	0.03514234	0.208658	4.72E-05	0.0045646	-0.10068
16w_SITTD12	0.01086394	0.05883594	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.02306387	0.13412172	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01071816	0.05793633	3.68E-05	0.0068	0.30902
16w_SITTD12	0.0091578	0.04830734	3.59E-05	0.00713	0.38094
16w_SITTD12	0.01513236	0.08517636	3.92E-05	0.0060428	0.11709
16w_SITTD12	0.04382588	0.2622441	5.21E-05	0.0047343	-0.035266
16w_SITTD12	0.0923159	0.561476	4.99E-05	0.0073308	-0.6503
16w_SITTD12	0.03120519	0.18436185	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.07852273	0.4763584	5.01E-05	0.014289	0.18889
16w_SITTD12	0.03472829	0.20610285	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.02367477	0.1378916	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.013489	0.07503521	3.83E-05	0.0063061	0.17645

16w_SITTD12	0.01613274	0.09134969	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.10779718	0.657011	6.08E-05	0.0035686	-1.389
16w_SITTD12	0.02246684	0.13043746	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.0203788	0.11755214	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.08973245	0.54553354	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.02074216	0.11979444	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.01370691	0.07637992	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.09093304	0.5529424	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.03135561	0.18529007	4.58E-05	0.00463	-0.12002
16w_SITTD12	0.00849491	0.04421665	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.00814043	0.04202917	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.01838926	0.10527472	4.09E-05	0.0055879	0.015459
16w_SITTD12	0.02255254	0.1309663	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.06625889	0.4006782	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.02017871	0.11631738	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.00726668	0.03663727	3.50E-05	0.0074854	0.45576
16w_SITTD12	0.0138365	0.07717964	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.08122914	0.4930596	4.85E-05	0.0141	0.10139
16w_SITTD12	0.05450989	0.3281751	6.14E-05	0.0057798	0.030074
16w_SITTD12	0.02125012	0.12292908	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.08369052	0.5082488	4.77E-05	0.013036	-0.0045591
16w_SITTD12	0.02386487	0.13906468	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.01092624	0.05922041	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.01494902	0.08404499	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.08878557	0.5396904	4.82E-05	0.0098057	-0.3844
16w_SITTD12	0.02868375	0.16880205	4.49E-05	0.0047302	-0.12268
16w_SITTD12	0.0895922	0.544668	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.0725498	0.4394994	5.54E-05	0.012382	0.24373
16w_SITTD12	0.01629347	0.09234159	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.00927792	0.0490486	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.0158114	0.0893667	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.02359865	0.13742189	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.079985	0.48538205	4.90E-05	0.014278	0.14202
16w_SITTD12	0.08852007	0.5380519	4.82E-05	0.0098057	-0.3415
16w_SITTD12	0.04764719	0.28582537	5.53E-05	0.0049654	-0.01192
16w_SITTD12	0.01227462	0.06754129	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.08428386	0.51191026	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.08138655	0.49403104	4.83E-05	0.013957	0.10139
16w_SITTD12	0.03161443	0.18688728	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.02961589	0.17455424	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.02363087	0.13762069	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.03472456	0.20607989	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.0284074	0.1670967	4.49E-05	0.0047302	-0.12174

16w_SITTD12	0.0283442	0.16670665	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.0222194	0.12891051	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.01148353	0.06265948	3.74E-05	0.0065941	0.263
16w_SITTD12	0.06653153	0.4023607	6.12E-05	0.0093985	0.18233
16w_SITTD12	0.01707904	0.09718932	4.03E-05	0.005729	0.063215
16w_SITTD12	0.07626253	0.46241072	5.18E-05	0.013885	0.22792
16w_SITTD12	0.07297063	0.44209635	5.49E-05	0.012637	0.24489
16w_SITTD12	0.0129687	0.07182442	3.80E-05	0.0063994	0.19734
16w_SITTD12	0.07911119	0.47998977	4.93E-05	0.014315	0.17506
16w_SITTD12	0.03208159	0.18977007	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.08244348	0.5005533	4.79E-05	0.013563	0.05262
16w_SITTD12	0.03723772	0.22158858	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.0254787	0.14902368	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01951662	0.11223163	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.02461704	0.14370634	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.07961485	0.48309785	4.93E-05	0.014315	0.15946
16w_SITTD12	0.06640282	0.4015664	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.06622582	0.40047413	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.03107988	0.18358853	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.09540163	0.58051807	5.20E-05	0.0056833	-0.91061
16w_SITTD12	0.04496059	0.26924643	5.34E-05	0.0048194	-0.028317
16w_SITTD12	0.04374854	0.26176682	5.21E-05	0.0047343	-0.035266
16w_SITTD12	0.03081928	0.1819804	4.57E-05	0.0046464	-0.12145
16w_SITTD12	0.07391512	0.4479248	5.38E-05	0.013116	0.24502
16w_SITTD12	0.03001476	0.17701568	4.55E-05	0.0046645	-0.12301
16w_SITTD12	0.02332398	0.13572688	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.03294919	0.19512409	4.64E-05	0.0045915	-0.11352
16w_SITTD12	0.02024588	0.11673193	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.01238642	0.0682312	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.05512213	0.3319533	6.17E-05	0.0058704	0.038579
16w_SITTD12	0.02094513	0.12104698	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.0196331	0.11295047	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.0245302	0.14317049	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.01765775	0.10076054	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.01751341	0.09986984	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.0108882	0.05898566	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.00890603	0.04675372	3.59E-05	0.00713	0.38094
16w_SITTD12	0.06458355	0.39033967	6.24E-05	0.0086643	0.14863
16w_SITTD12	0.01930728	0.11093979	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.03273736	0.19381683	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.05367906	0.32304808	6.10E-05	0.005694	0.026054
16w_SITTD12	0.01114146	0.06054854	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.09534152	0.5801471	5.16E-05	0.0059226	-0.91061

16w_SITTD12	0.07623956	0.46226898	5.18E-05	0.013885	0.22792
16w_SITTD12	0.03047552	0.17985904	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.09402799	0.57204133	5.09E-05	0.0064439	-0.82618
16w_SITTD12	0.01949494	0.11209787	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.01157302	0.06321168	3.74E-05	0.0065941	0.263
16w_SITTD12	0.03231778	0.1912276	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.09010943	0.5478599	4.88E-05	0.0086895	-0.47194
16w_SITTD12	0.01823094	0.10429771	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01908314	0.10955665	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.0128014	0.07079199	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.09257283	0.56306154	4.99E-05	0.0073308	-0.69483
16w_SITTD12	0.00710783	0.03565699	3.50E-05	0.0074854	0.45576
16w_SITTD12	0.02180616	0.12636043	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.02144762	0.12414783	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02400839	0.13995038	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.03242626	0.19189708	4.62E-05	0.0046026	-0.11603
16w_SITTD12	0.08524425	0.51783687	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.02587188	0.15144998	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.0783904	0.47554177	5.01E-05	0.014289	0.18889
16w_SITTD12	0.01496303	0.08413143	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.01601545	0.09062593	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.0469645	0.28161255	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.00694292	0.03463936	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.01651908	0.09373383	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.02100566	0.12142049	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.01924935	0.11058231	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01866603	0.10698265	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.0097951	0.05224013	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.02113739	0.12223342	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.08544083	0.51904994	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.01379792	0.07694152	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.02731108	0.1603313	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.08889838	0.5403865	4.84E-05	0.0094274	-0.3844
16w_SITTD12	0.02442974	0.14255053	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.03664231	0.21791431	4.79E-05	0.0045625	-0.092976
16w_SITTD12	0.05293971	0.31848556	6.01E-05	0.0055357	0.022172
16w_SITTD12	0.05760946	0.3473026	6.32E-05	0.0064035	0.057806
16w_SITTD12	0.03397498	0.20145419	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.01288491	0.07130739	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.02111587	0.12210064	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01649024	0.09355585	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.03521313	0.20909484	4.74E-05	0.0045622	-0.10068
16w_SITTD12	0.01986644	0.11439037	4.16E-05	0.0053955	-0.012659

16w_SITTD12	0.0228668	0.13290562	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01576261	0.08906566	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01719154	0.0978836	4.03E-05	0.005729	0.063215
16w_SITTD12	0.0211653	0.12240564	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.09081577	0.5522187	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.08174966	0.4962718	4.83E-05	0.013957	0.078055
16w_SITTD12	0.02747311	0.16133113	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.02123041	0.12280743	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.09319774	0.56691784	5.06E-05	0.0067258	-0.73907
16w_SITTD12	0.07646333	0.46364984	5.13E-05	0.014025	0.22792
16w_SITTD12	0.09437475	0.57418114	5.13E-05	0.0061762	-0.82618
16w_SITTD12	0.03105144	0.18341304	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.09319309	0.56688917	5.02E-05	0.0070215	-0.73907
16w_SITTD12	0.0524086	0.31520805	5.97E-05	0.0054628	0.018414
16w_SITTD12	0.00448745	0.01948664	3.35E-05	0.0081345	0.58516
16w_SITTD12	0.01917601	0.11012977	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.07061449	0.42755666	5.71E-05	0.011574	0.23016
16w_SITTD12	0.08220262	0.49906698	4.81E-05	0.013778	0.05262
16w_SITTD12	0.01409279	0.07876119	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.02910679	0.17141263	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.01379475	0.07692199	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.02038096	0.11756548	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.08879257	0.5397335	4.82E-05	0.0098057	-0.3844
16w_SITTD12	0.01827777	0.10458674	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.02300593	0.13376416	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01622589	0.09192453	3.98E-05	0.0058806	0.080526
16w_SITTD12	0.02635831	0.15445176	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.06892531	0.41713274	5.87E-05	0.010741	0.21248
16w_SITTD12	0.08209414	0.49839756	4.81E-05	0.013778	0.05262
16w_SITTD12	0.08423263	0.5115941	4.76E-05	0.012731	-0.036078
16w_SITTD12	0.01376469	0.07673648	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.08916168	0.5420113	4.84E-05	0.0094274	-0.42792
16w_SITTD12	0.01241782	0.06842492	3.77E-05	0.0064954	0.21875
16w_SITTD12	0.03271382	0.19367158	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.0240372	0.14012817	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.02143342	0.12406026	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.09162161	0.55719155	4.96E-05	0.0076529	-0.60562
16w_SITTD12	0.01754799	0.10008322	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.02048636	0.11821593	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.05424331	0.32653007	6.14E-05	0.0057798	0.030074
16w_SITTD12	0.01018783	0.0546637	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.01943231	0.11171139	4.14E-05	0.0054571	-0.012659
16w_SITTD12	0.02512214	0.14682335	4.38E-05	0.0049138	-0.10343

16w_SITTD12	0.02155543	0.12481315	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.0128363	0.07100739	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.01713379	0.09752718	4.03E-05	0.005729	0.063215
16w_SITTD12	0.02584792	0.1513021	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01220522	0.06711302	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.07599104	0.46073535	5.18E-05	0.013885	0.23393
16w_SITTD12	0.02277944	0.13236655	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01881253	0.10788672	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.08536901	0.5186067	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.07484613	0.45367005	5.28E-05	0.013537	0.24193
16w_SITTD12	0.02096431	0.12116533	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.08813686	0.53568715	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.03544788	0.2105435	4.74E-05	0.0045622	-0.10068
16w_SITTD12	0.00796033	0.04091775	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.09638684	0.5865978	5.24E-05	0.0054581	-0.99133
16w_SITTD12	0.02270455	0.13190436	4.28E-05	0.005125	-0.077142
16w_SITTD12	0.02567623	0.15024263	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01693277	0.09628669	4.03E-05	0.005729	0.063215
16w_SITTD12	0.02144045	0.12410361	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.08324746	0.5055147	4.78E-05	0.013315	-0.0045591
16w_SITTD12	0.04173564	0.24934523	5.09E-05	0.0046676	-0.0504
16w_SITTD12	0.02201165	0.12762852	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.00920859	0.04862079	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.02578929	0.15094033	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01871917	0.10731057	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.02773195	0.16292845	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.02627972	0.15396672	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.03624153	0.2154411	4.77E-05	0.0045615	-0.092976
16w_SITTD12	0.03359114	0.19908555	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.01554706	0.08773549	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01130414	0.06155243	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.02238314	0.12992097	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.03091737	0.18258567	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.09115677	0.554323	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.01776712	0.10143548	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.02523312	0.14750819	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.0955554	0.581467	5.20E-05	0.0056833	-0.91061
16w_SITTD12	0.07741256	0.46950752	5.09E-05	0.014141	0.21153
16w_SITTD12	0.0115827	0.06327144	3.74E-05	0.0065941	0.263
16w_SITTD12	0.01684319	0.09573392	4.03E-05	0.005729	0.063215
16w_SITTD12	0.0200588	0.11557744	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.04840752	0.29051742	5.63E-05	0.005054	-0.0087048
16w_SITTD12	0.00483888	0.0216553	3.35E-05	0.0081345	0.58516

16w_SITTD12	0.01451131	0.0813439	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.09632949	0.58624387	5.24E-05	0.0054581	-0.99133
16w_SITTD12	0.06758986	0.40889162	6.03E-05	0.009922	0.19812
16w_SITTD12	0.06031793	0.36401656	6.38E-05	0.0070986	0.087064
16w_SITTD12	0.087368	0.53094256	4.79E-05	0.010571	-0.25808
16w_SITTD12	0.08128641	0.49341303	4.83E-05	0.013957	0.10139
16w_SITTD12	0.01296393	0.07179499	3.80E-05	0.0063994	0.19734
16w_SITTD12	0.02623676	0.15370168	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.05393503	0.32462764	6.10E-05	0.005694	0.026054
16w_SITTD12	0.01566587	0.08846869	3.95E-05	0.0059603	0.098494
16w_SITTD12	0.02386932	0.13909215	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.03803821	0.22652839	4.87E-05	0.0045758	-0.080425
16w_SITTD12	0.09540778	0.580556	5.20E-05	0.0056833	-0.91061
16w_SITTD12	0.06234243	0.37650976	6.35E-05	0.0078047	0.11565
16w_SITTD12	0.02745795	0.16123764	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.08533271	0.5183827	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.01868922	0.10712577	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.07812087	0.47387847	5.01E-05	0.014289	0.20103
16w_SITTD12	0.01232079	0.0678262	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.02341342	0.13627884	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02845439	0.16738664	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.06127242	0.36990672	6.37E-05	0.0074328	0.10072
16w_SITTD12	0.03200536	0.18929967	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.03682669	0.21905208	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.01606157	0.09091052	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.08436973	0.5124402	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.01654862	0.09391609	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.00878732	0.04602111	3.59E-05	0.00713	0.38094
16w_SITTD12	0.01174558	0.06427653	3.74E-05	0.0065941	0.263
16w_SITTD12	0.00909436	0.04791588	3.59E-05	0.00713	0.38094
16w_SITTD12	0.06459713	0.3904235	6.24E-05	0.0086643	0.14863
16w_SITTD12	0.03056555	0.1804146	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.01526042	0.08596665	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.02626886	0.15389976	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01554329	0.08771221	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.06043734	0.36475343	6.38E-05	0.0070986	0.087064
16w_SITTD12	0.02150893	0.12452618	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.08898847	0.54094243	4.84E-05	0.0094274	-0.3844
16w_SITTD12	0.07142114	0.43253446	5.65E-05	0.011849	0.2386
16w_SITTD12	0.08589523	0.52185404	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.08496931	0.51614016	4.76E-05	0.012404	-0.10433
16w_SITTD12	0.06540299	0.39539644	6.20E-05	0.0089013	0.16566
16w_SITTD12	0.01960249	0.11276155	4.16E-05	0.0053955	-0.012659

16w_SITTD12	0.00888802	0.04664257	3.59E-05	0.00713	0.38094
16w_SITTD12	0.06152332	0.37145498	6.37E-05	0.0074328	0.10072
16w_SITTD12	0.01019227	0.05469105	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.01825781	0.10446353	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01570523	0.08871154	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01617295	0.09159787	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01256996	0.0693638	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.0832607	0.5055964	4.78E-05	0.013315	-0.0045591
16w_SITTD12	0.02083756	0.12038317	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.02179907	0.12631664	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.01450948	0.08133262	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.00736079	0.03721802	3.50E-05	0.0074854	0.45576
16w_SITTD12	0.03201001	0.18932837	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.0221457	0.12845574	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.02458536	0.1435109	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.01828726	0.10464527	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.05738621	0.3459249	6.30E-05	0.0062853	0.057806
16w_SITTD12	0.04372665	0.2616318	5.21E-05	0.0047343	-0.038876
16w_SITTD12	0.08531214	0.51825583	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.02607693	0.15271534	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01544312	0.08709406	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01495012	0.08405177	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.00890475	0.04674577	3.59E-05	0.00713	0.38094
16w_SITTD12	0.02840257	0.16706684	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.0289064	0.17017601	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.01674188	0.09510873	4.00E-05	0.0058035	0.063215
16w_SITTD12	0.02376058	0.13842113	4.32E-05	0.0050338	-0.091842
16w_SITTD12	0.07590719	0.4602179	5.18E-05	0.013885	0.23393
16w_SITTD12	0.03677525	0.21873467	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.0323074	0.19116358	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.01381252	0.07703162	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01473058	0.08269701	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.02771367	0.16281563	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.09461024	0.57563436	5.13E-05	0.0061762	-0.8688
16w_SITTD12	0.01847463	0.10580155	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.04649797	0.27873358	5.44E-05	0.0048874	-0.018376
16w_SITTD12	0.02157147	0.12491214	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01349387	0.07506526	3.83E-05	0.0063061	0.17645
16w_SITTD12	0.03388084	0.20087327	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.01406074	0.07856339	3.86E-05	0.0062156	0.1561
16w_SITTD12	0.02496981	0.14588328	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.0180102	0.10293555	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.03018439	0.1780625	4.55E-05	0.0046645	-0.12301

16w_SITTD12	0.01956879	0.11255362	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.01810791	0.10353848	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.09342235	0.5683039	5.06E-05	0.0067258	-0.73907
16w_SITTD12	0.08952744	0.5442684	4.86E-05	0.0090548	-0.42792
16w_SITTD12	0.01807754	0.10335108	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.0783051	0.47501537	5.01E-05	0.014289	0.18889
16w_SITTD12	0.02464163	0.14385808	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.01674606	0.09513453	4.00E-05	0.0058035	0.063215
16w_SITTD12	0.02722772	0.15981686	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.03974921	0.237087	4.95E-05	0.0046046	-0.067351
16w_SITTD12	0.0154991	0.08743952	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01411906	0.0789233	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.07698837	0.46688986	5.09E-05	0.014141	0.22047
16w_SITTD12	0.0451569	0.27045786	5.34E-05	0.0048194	-0.028317
16w_SITTD12	0.01325712	0.07360429	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.09464216	0.57583135	5.13E-05	0.0061762	-0.8688
16w_SITTD12	0.09303821	0.5659334	5.02E-05	0.0070215	-0.73907
16w_SITTD12	0.01845021	0.10565085	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.0123565	0.06804655	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.06302873	0.3807449	6.33E-05	0.0080056	0.12359
16w_SITTD12	0.03139776	0.18555018	4.58E-05	0.00463	-0.12002
16w_SITTD12	0.04737717	0.2841591	5.53E-05	0.0049654	-0.01514
16w_SITTD12	0.01695525	0.09642541	4.03E-05	0.005729	0.063215
16w_SITTD12	0.03340836	0.19795758	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.0090935	0.0479106	3.59E-05	0.00713	0.38094
16w_SITTD12	0.01309738	0.0726185	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.01135435	0.06186225	3.71E-05	0.0066957	0.263
16w_SITTD12	0.01852137	0.10608994	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.02343395	0.13640551	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.03091263	0.18255644	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.02240444	0.13005242	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02566598	0.15017939	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.025269	0.1477296	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.08556749	0.5198316	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.01946787	0.11193081	4.14E-05	0.0054571	-0.012659
16w_SITTD12	0.01888056	0.10830655	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.03517653	0.20886895	4.72E-05	0.0045646	-0.10068
16w_SITTD12	0.00948408	0.05032085	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.08636258	0.5247381	4.77E-05	0.01133	-0.17867
16w_SITTD12	0.0161623	0.09153216	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.06114877	0.36914364	6.38E-05	0.0072613	0.10072
16w_SITTD12	0.02041541	0.11777811	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.01300094	0.07202338	3.83E-05	0.0063061	0.19734

16w_SITTD12	0.08189923	0.49719474	4.81E-05	0.013778	0.078055
16w_SITTD12	0.03356215	0.19890663	4.66E-05	0.0045822	-0.11071
16w_SITTD12	0.0386858	0.23052469	4.89E-05	0.0045836	-0.076088
16w_SITTD12	0.02292739	0.13327952	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.01769537	0.10099273	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.03831561	0.2282402	4.87E-05	0.0045758	-0.080425
16w_SITTD12	0.0249596	0.1458203	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.01347931	0.07497539	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.09094091	0.5529909	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.00821066	0.04246254	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.01438397	0.08055804	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.05891947	0.35538664	6.35E-05	0.0066597	0.074574
16w_SITTD12	0.0794898	0.48232615	4.93E-05	0.014315	0.15946
16w_SITTD12	0.01838208	0.10523038	4.09E-05	0.0055879	0.015459
16w_SITTD12	0.0275911	0.16205926	4.46E-05	0.0047834	-0.12024
16w_SITTD12	0.005781	0.02746914	3.41E-05	0.0078664	0.53284
16w_SITTD12	0.0251148	0.14677802	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.03340634	0.1979451	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.07811719	0.47385582	5.01E-05	0.014289	0.20103
16w_SITTD12	0.00673683	0.03336757	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.01266644	0.06995916	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.07667839	0.46497694	5.13E-05	0.014025	0.22792
16w_SITTD12	0.02493771	0.1456852	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.02136288	0.12362495	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.03955743	0.2359035	4.95E-05	0.0046046	-0.067351
16w_SITTD12	0.0775111	0.47011563	5.05E-05	0.014229	0.21153
16w_SITTD12	0.09482665	0.57696986	5.16E-05	0.0059226	-0.8688
16w_SITTD12	0.05714476	0.34443492	6.30E-05	0.0062853	0.05269
16w_SITTD12	0.03519305	0.20897092	4.72E-05	0.0045646	-0.10068
16w_SITTD12	0.09480523	0.57683766	5.13E-05	0.0061762	-0.8688
16w_SITTD12	0.00792552	0.04070296	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.02014511	0.11611007	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.07520993	0.4559151	5.28E-05	0.013537	0.23858
16w_SITTD12	0.01735934	0.09891906	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.0594225	0.35849085	6.37E-05	0.0067983	0.080679
16w_SITTD12	0.02282029	0.1326186	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.02007036	0.11564877	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02835887	0.1667972	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.03680381	0.2189109	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.07469907	0.45276254	5.33E-05	0.013335	0.24193
16w_SITTD12	0.02599545	0.15221249	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01752772	0.09995813	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.02457698	0.14345914	4.36E-05	0.0049516	-0.098011

16w_SITTD12	0.02965147	0.17477381	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.01776114	0.1013986	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.03133998	0.18519363	4.58E-05	0.00463	-0.12002
16w_SITTD12	0.01248386	0.06883249	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.06924233	0.41908902	5.87E-05	0.010741	0.21895
16w_SITTD12	0.03730493	0.22200334	4.81E-05	0.0045652	-0.084703
16w_SITTD12	0.06011724	0.3627781	6.37E-05	0.0069445	0.087064
16w_SITTD12	0.03383444	0.20058694	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.03190109	0.18865624	4.60E-05	0.0046154	-0.11821
16w_SITTD12	0.01346477	0.07488567	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.08838671	0.537229	4.82E-05	0.0098057	-0.3415
16w_SITTD12	0.02741933	0.16099931	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.0440004	0.26332107	5.25E-05	0.0047605	-0.035266
16w_SITTD12	0.02964945	0.17476137	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.0086113	0.04493493	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.07677726	0.46558708	5.13E-05	0.014025	0.22047
16w_SITTD12	0.09368373	0.5699169	5.06E-05	0.0067258	-0.7829
16w_SITTD12	0.09033401	0.5492458	4.88E-05	0.0086895	-0.51631
16w_SITTD12	0.04267449	0.25513884	5.13E-05	0.0046879	-0.042593
16w_SITTD12	0.08182803	0.4967554	4.81E-05	0.013778	0.078055
16w_SITTD12	0.08120704	0.4929233	4.85E-05	0.0141	0.10139
16w_SITTD12	0.01893471	0.10864069	4.11E-05	0.0055212	0.0010121
16w_SITTD12	0.00946887	0.05022696	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.01396533	0.07797465	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01194329	0.06549661	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.06655166	0.40248492	6.12E-05	0.0093985	0.18233
16w_SITTD12	0.0372111	0.22142428	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.01960667	0.11278734	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.02821701	0.16592179	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.01923019	0.11046411	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.02539387	0.14850017	4.38E-05	0.0049138	-0.10813
16w_SITTD12	0.07200622	0.43614498	5.60E-05	0.012118	0.24161
16w_SITTD12	0.05074841	0.30496305	5.83E-05	0.0052672	0.0043724
16w_SITTD12	0.04218931	0.25214484	5.09E-05	0.0046676	-0.04643
16w_SITTD12	0.01867842	0.10705913	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.07846178	0.47598228	5.01E-05	0.014289	0.18889
16w_SITTD12	0.01915624	0.11000774	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.03433782	0.2036933	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.0226088	0.13131353	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.04468609	0.26755247	5.30E-05	0.0047888	-0.031751
16w_SITTD12	0.08693953	0.52829844	4.78E-05	0.010952	-0.21781
16w_SITTD12	0.02660053	0.15594651	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.03079183	0.18181099	4.57E-05	0.0046464	-0.12145

16w_SITTD12	0.04947697	0.297117	5.73E-05	0.0051543	-0.0022352
16w_SITTD12	0.08612884	0.52329564	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.06948531	0.4205885	5.82E-05	0.011019	0.21895
16w_SITTD12	0.02633286	0.15429467	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.02077077	0.11997099	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.06458071	0.39032218	6.24E-05	0.0086643	0.14863
16w_SITTD12	0.02813815	0.16543514	4.48E-05	0.0047558	-0.12174
16w_SITTD12	0.01237928	0.0681871	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.08150259	0.49474713	4.83E-05	0.013957	0.10139
16w_SITTD12	0.03848372	0.22927764	4.89E-05	0.0045836	-0.076088
16w_SITTD12	0.02407512	0.14036219	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.08241575	0.5003822	4.79E-05	0.013563	0.05262
16w_SITTD12	0.01575701	0.0890311	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01874976	0.10749937	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.08883373	0.5399875	4.82E-05	0.0098057	-0.3844
16w_SITTD12	0.03125197	0.1846505	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.07834469	0.4752597	5.01E-05	0.014289	0.18889
16w_SITTD12	0.02932977	0.17278859	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.01219654	0.06705943	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.0910114	0.5534259	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.02808539	0.16510952	4.48E-05	0.0047558	-0.12174
16w_SITTD12	0.01355512	0.07544324	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.07289811	0.4416488	5.49E-05	0.012637	0.24373
16w_SITTD12	0.02466704	0.14401491	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.01836131	0.10510226	4.09E-05	0.0055879	0.015459
16w_SITTD12	0.02551269	0.14923342	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.06830059	0.41327757	5.93E-05	0.010465	0.20551
16w_SITTD12	0.0161698	0.09157839	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.06539584	0.39535233	6.20E-05	0.0089013	0.16566
16w_SITTD12	0.09988801	0.60820353	5.53E-05	0.004262	-1.2008
16w_SITTD12	0.05780716	0.34852257	6.32E-05	0.0064035	0.06315
16w_SITTD12	0.01902727	0.10921187	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01550341	0.08746612	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.0898888	0.54649836	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.098991	0.60266805	5.45E-05	0.0045382	-1.1701
16w_SITTD12	0.02024663	0.11673653	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.03829488	0.22811231	4.87E-05	0.0045758	-0.080425
16w_SITTD12	0.01696806	0.09650448	4.03E-05	0.005729	0.063215
16w_SITTD12	0.08856162	0.5383083	4.82E-05	0.0098057	-0.3415
16w_SITTD12	0.08975644	0.54568154	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.02427274	0.1415817	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.09524993	0.5795819	5.16E-05	0.0059226	-0.91061
16w_SITTD12	0.04474775	0.26793298	5.30E-05	0.0047888	-0.031751

16w_SITTD12	0.07939432	0.48173696	4.93E-05	0.014315	0.15946
16w_SITTD12	0.01571713	0.08878501	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.02339023	0.13613573	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.01932637	0.11105759	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.02632318	0.15423493	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.02874932	0.16920668	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.0980057	0.5965878	5.36E-05	0.0048658	-1.1032
16w_SITTD12	0.02398378	0.13979852	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.02129866	0.12322865	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02461341	0.14368393	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.07630177	0.46265283	5.18E-05	0.013885	0.22792
16w_SITTD12	0.00573809	0.02720433	3.41E-05	0.0078664	0.53284
16w_SITTD12	0.01133038	0.06171436	3.71E-05	0.0066957	0.263
16w_SITTD12	0.0822686	0.49947417	4.81E-05	0.013778	0.05262
16w_SITTD12	0.02078244	0.12004302	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.06213833	0.37525025	6.36E-05	0.0076138	0.11565
16w_SITTD12	0.07369129	0.4465436	5.38E-05	0.013116	0.24502
16w_SITTD12	0.02554075	0.14940655	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01802952	0.10305475	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.04131889	0.24677347	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.05323787	0.3203255	6.05E-05	0.0056127	0.022172
16w_SITTD12	0.10228085	0.6229697	5.70E-05	0.0038563	-1.3227
16w_SITTD12	0.09983566	0.6078805	5.53E-05	0.004262	-1.2008
16w_SITTD12	0.02556475	0.14955464	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.06184176	0.37342012	6.36E-05	0.0076138	0.10802
16w_SITTD12	0.01471854	0.08262269	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.07958026	0.48288438	4.93E-05	0.014315	0.15946
16w_SITTD12	0.07880876	0.47812346	4.97E-05	0.014318	0.18889
16w_SITTD12	0.02184664	0.1266102	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.0380453	0.22657214	4.87E-05	0.0045758	-0.080425
16w_SITTD12	0.00908755	0.04787387	3.59E-05	0.00713	0.38094
16w_SITTD12	0.02136651	0.12364731	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.03103503	0.18331178	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.02240314	0.13004437	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02317339	0.13479762	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.08990783	0.5466158	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.08430231	0.51202416	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.02195201	0.12726046	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.08899473	0.5409811	4.84E-05	0.0094274	-0.3844
16w_SITTD12	0.0250985	0.14667743	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.04410244	0.26395077	5.25E-05	0.0047605	-0.035266
16w_SITTD12	0.06277852	0.37920085	6.35E-05	0.0078047	0.12359
16w_SITTD12	0.0951969	0.5792546	5.16E-05	0.0059226	-0.91061

16w_SITTD12	0.02278377	0.13239323	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.09121689	0.554694	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.02028843	0.11699452	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02076533	0.11993741	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.09613109	0.5850196	5.24E-05	0.0054581	-0.99133
16w_SITTD12	0.01565004	0.088371	3.95E-05	0.0059603	0.098494
16w_SITTD12	0.01221152	0.0671519	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.01612868	0.09132467	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.03316534	0.19645788	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.03273775	0.19381927	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.0911042	0.5539986	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.07666254	0.46487916	5.13E-05	0.014025	0.22792
16w_SITTD12	0.01773072	0.10121085	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.0294548	0.17356016	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.0205087	0.11835379	4.19E-05	0.0053364	-0.037579
16w_SITTD12	0.0215723	0.12491728	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02036949	0.11749469	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.07563968	0.45856708	5.23E-05	0.013721	0.23393
16w_SITTD12	0.05834932	0.35186827	6.34E-05	0.0065282	0.068735
16w_SITTD12	0.0554298	0.3338519	6.21E-05	0.005966	0.038579
16w_SITTD12	0.08542074	0.51892596	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.08770302	0.53300995	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.00949087	0.05036273	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.09050489	0.5503003	4.91E-05	0.0083333	-0.51631
16w_SITTD12	0.01661696	0.09433785	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.02659245	0.15589662	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.04051685	0.24182406	4.99E-05	0.0046177	-0.058715
16w_SITTD12	0.07930177	0.48116583	4.93E-05	0.014315	0.17506
16w_SITTD12	0.02829095	0.16637804	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.05344484	0.32160273	6.05E-05	0.0056127	0.022172
16w_SITTD12	0.05681424	0.34239528	6.27E-05	0.0061731	0.05269
16w_SITTD12	0.01412194	0.07894108	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.05177268	0.31128383	5.92E-05	0.0053939	0.011221
16w_SITTD12	0.00590489	0.02823366	3.41E-05	0.0078664	0.53284
16w_SITTD12	0.0548386	0.3302036	6.17E-05	0.0058704	0.034245
16w_SITTD12	0.02785391	0.16368106	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.06781113	0.4102571	5.98E-05	0.010192	0.19812
16w_SITTD12	0.09331247	0.5676258	5.06E-05	0.0067258	-0.73907
16w_SITTD12	0.03887464	0.23168999	4.89E-05	0.0045836	-0.071721
16w_SITTD12	0.02302858	0.13390398	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.08542251	0.5189369	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.0224238	0.13017185	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.0129605	0.07177384	3.80E-05	0.0063994	0.19734

16w_SITTD12	0.0094638	0.05019569	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.03720364	0.22137828	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.01812305	0.10363192	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01871824	0.10730485	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.07109403	0.43051586	5.65E-05	0.011849	0.23476
16w_SITTD12	0.03944732	0.23522398	4.92E-05	0.0045932	-0.067351
16w_SITTD12	0.08513717	0.5171761	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.03229125	0.1910639	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.01888277	0.10832018	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.08996547	0.5469715	4.88E-05	0.0086895	-0.47194
16w_SITTD12	0.02671878	0.15667619	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.03278939	0.19413796	4.64E-05	0.0045915	-0.11603
16w_SITTD12	0.01923801	0.11051235	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01484762	0.08341925	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.01659414	0.09419703	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.05931566	0.3578315	6.37E-05	0.0067983	0.074574
16w_SITTD12	0.07473718	0.45299777	5.33E-05	0.013335	0.24193
16w_SITTD12	0.09952643	0.6059722	5.49E-05	0.0043938	-1.2008
16w_SITTD12	0.02315784	0.13470165	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.07002612	0.42392576	5.76E-05	0.011297	0.22487
16w_SITTD12	0.02348883	0.13674416	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02639135	0.1546556	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01227416	0.06753842	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.0320653	0.1896696	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.04434291	0.26543468	5.25E-05	0.0047605	-0.031751
16w_SITTD12	0.08829851	0.53668475	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.03680733	0.21893264	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.05843711	0.35241002	6.34E-05	0.0065282	0.068735
16w_SITTD12	0.1010538	0.61539763	5.62E-05	0.0040352	-1.2808
16w_SITTD12	0.02282942	0.13267495	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.03563761	0.21171431	4.74E-05	0.0045622	-0.096915
16w_SITTD12	0.07070337	0.4281051	5.71E-05	0.011574	0.23016
16w_SITTD12	0.02333746	0.13581009	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02240479	0.13005456	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02355992	0.13718286	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02482438	0.14498585	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.02930936	0.17266269	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.01755626	0.10013425	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.02473844	0.14445554	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.07196461	0.43588826	5.60E-05	0.012118	0.24161
16w_SITTD12	0.0937623	0.5704017	5.09E-05	0.0064439	-0.7829
16w_SITTD12	0.08451842	0.51335776	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.03452067	0.20482168	4.70E-05	0.0045688	-0.10761

16w_SITTD12	0.02083484	0.12036637	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.08356053	0.5074466	4.77E-05	0.013036	-0.0045591
16w_SITTD12	0.03871004	0.23067422	4.89E-05	0.0045836	-0.076088
16w_SITTD12	0.0067357	0.0333606	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.08772041	0.53311723	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.05158744	0.31014073	5.92E-05	0.0053939	0.011221
16w_SITTD12	0.02393655	0.13950706	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.02600179	0.15225163	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.10095294	0.6147752	5.62E-05	0.0040352	-1.2563
16w_SITTD12	0.00907284	0.04778306	3.59E-05	0.00713	0.38094
16w_SITTD12	0.08569975	0.52064776	4.76E-05	0.0117	-0.14081
16w_SITTD12	0.0204404	0.11793231	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02492675	0.14561757	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.05489859	0.33057383	6.17E-05	0.0058704	0.034245
16w_SITTD12	0.03914574	0.23336294	4.92E-05	0.0045932	-0.071721
16w_SITTD12	0.0546704	0.32916564	6.14E-05	0.0057798	0.034245
16w_SITTD12	0.03120078	0.18433459	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.0418511	0.2500577	5.09E-05	0.0046676	-0.0504
16w_SITTD12	0.09363191	0.5695971	5.06E-05	0.0067258	-0.7829
16w_SITTD12	0.01517112	0.08541556	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.0762448	0.46230128	5.18E-05	0.013885	0.22792
16w_SITTD12	0.07622007	0.46214864	5.18E-05	0.013885	0.22792
16w_SITTD12	0.01394209	0.07783119	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.04081601	0.24367021	5.02E-05	0.0046325	-0.058715
16w_SITTD12	0.02625817	0.15383376	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.02130383	0.12326056	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01724254	0.0981983	4.03E-05	0.005729	0.063215
16w_SITTD12	0.03355341	0.19885269	4.66E-05	0.0045822	-0.11071
16w_SITTD12	0.01130755	0.06157346	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.00679442	0.03372296	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.03790027	0.22567718	4.84E-05	0.0045696	-0.080425
16w_SITTD12	0.08761789	0.5324846	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.01923012	0.11046369	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01099413	0.05963934	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.0265126	0.15540388	4.42E-05	0.0048445	-0.11546
16w_SITTD12	0.01920022	0.11027914	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.05137067	0.308803	5.87E-05	0.0053288	0.011221
16w_SITTD12	0.08351556	0.5071691	4.77E-05	0.013036	-0.0045591
16w_SITTD12	0.01345147	0.07480358	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.02738546	0.16079026	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.01730757	0.09859957	4.03E-05	0.005729	0.046584
16w_SITTD12	0.03696488	0.21990484	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.01033511	0.05557253	3.68E-05	0.0068	0.30902

16w_SITTD12	0.02422703	0.14129958	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.08814059	0.5357102	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.01539478	0.08679577	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.02475585	0.14456296	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.02137566	0.1237038	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.02743974	0.16112521	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.08906348	0.5414053	4.84E-05	0.0094274	-0.3844
16w_SITTD12	0.04835676	0.29020414	5.63E-05	0.005054	-0.0087048
16w_SITTD12	0.06495034	0.39260316	6.24E-05	0.0086643	0.15715
16w_SITTD12	0.08933453	0.54307795	4.84E-05	0.0094274	-0.42792
16w_SITTD12	0.03611734	0.21467471	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.092693	0.5638031	5.02E-05	0.0070215	-0.69483
16w_SITTD12	0.02270931	0.13193378	4.28E-05	0.005125	-0.077142
16w_SITTD12	0.08555872	0.5197775	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.01539298	0.08678466	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01691625	0.09618476	4.03E-05	0.005729	0.063215
16w_SITTD12	0.02822474	0.16596946	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.01741599	0.09926866	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.02231158	0.12947936	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.01227477	0.06754217	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.08827253	0.53652436	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.02115728	0.12235617	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.07095099	0.4296332	5.71E-05	0.011574	0.23476
16w_SITTD12	0.01985897	0.11434429	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.02508074	0.14656782	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.02408765	0.14043948	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.09204741	0.55981916	4.96E-05	0.0076529	-0.6503
16w_SITTD12	0.02428571	0.14166173	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.02449474	0.14295167	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.01802108	0.10300266	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.02235306	0.12973534	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.02642724	0.15487708	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.08323286	0.50542456	4.78E-05	0.013315	-0.0045591
16w_SITTD12	0.02309886	0.13433766	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.03602811	0.21412407	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.09059811	0.55087554	4.91E-05	0.0083333	-0.51631
16w_SITTD12	0.02740756	0.16092665	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.08641261	0.5250468	4.77E-05	0.011133	-0.21781
16w_SITTD12	0.08267382	0.50197476	4.79E-05	0.013563	0.02505
16w_SITTD12	0.09534261	0.5801539	5.16E-05	0.0059226	-0.91061
16w_SITTD12	0.03168722	0.18733643	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.06483999	0.39192218	6.24E-05	0.0086643	0.15715
16w_SITTD12	0.07933393	0.4813643	4.93E-05	0.014315	0.17506

16w_SITTD12	0.02095215	0.12109034	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.00962124	0.05116724	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.02612826	0.15303212	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.00953845	0.05065633	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.00925404	0.04890127	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.03081113	0.18193011	4.57E-05	0.0046464	-0.12145
16w_SITTD12	0.08386684	0.5093368	4.77E-05	0.013036	-0.036078
16w_SITTD12	0.02190144	0.12694839	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.03728958	0.22190857	4.81E-05	0.0045652	-0.084703
16w_SITTD12	0.03801408	0.22637947	4.87E-05	0.0045758	-0.080425
16w_SITTD12	0.02382489	0.138818	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.04123202	0.2462374	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.05387245	0.3242415	6.10E-05	0.005694	0.026054
16w_SITTD12	0.02640637	0.15474834	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.0107481	0.05812109	3.68E-05	0.0068	0.30902
16w_SITTD12	0.0842479	0.5116884	4.76E-05	0.012731	-0.069378
16w_SITTD12	0.07327934	0.44400144	5.43E-05	0.012883	0.24489
16w_SITTD12	0.08456314	0.5136337	4.76E-05	0.012404	-0.069378
16w_SITTD12	0.00566213	0.02673561	3.41E-05	0.0078664	0.53284
16w_SITTD12	0.07858604	0.4767491	4.97E-05	0.014318	0.18889
16w_SITTD12	0.02829943	0.16643035	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.0306189	0.18074381	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.01299953	0.07201468	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.06570535	0.39726233	6.16E-05	0.0091463	0.16566
16w_SITTD12	0.0145816	0.08177764	3.89E-05	0.0061278	0.1363
16w_SITTD12	0.02358218	0.13732025	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.01377041	0.07677181	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01932278	0.11103547	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.05387317	0.32424596	6.10E-05	0.005694	0.026054
16w_SITTD12	0.03601791	0.21406113	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.08272362	0.502282	4.79E-05	0.013563	0.02505
16w_SITTD12	0.03120471	0.18435887	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.01975493	0.11370225	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.03875471	0.23094994	4.89E-05	0.0045836	-0.076088
16w_SITTD12	0.04260796	0.25472832	5.13E-05	0.0046879	-0.04643
16w_SITTD12	0.0747757	0.45323545	5.28E-05	0.013537	0.24193
16w_SITTD12	0.01546008	0.08719873	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.03816276	0.227297	4.87E-05	0.0045758	-0.080425
16w_SITTD12	0.08986325	0.5463407	4.86E-05	0.0090548	-0.47194
16w_SITTD12	0.0875839	0.53227484	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.08256206	0.5012851	4.79E-05	0.013563	0.05262
16w_SITTD12	0.09101085	0.5534226	4.91E-05	0.0083333	-0.56091
16w_SITTD12	0.0559861	0.33728483	6.24E-05	0.0060668	0.043089

16w_SITTD12	0.02607084	0.15267774	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.07905828	0.47966328	4.97E-05	0.014318	0.17506
16w_SITTD12	0.08524988	0.5178716	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.06167861	0.3724133	6.37E-05	0.0074328	0.10802
16w_SITTD12	0.02504426	0.14634272	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.02193593	0.12716122	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.03010846	0.17759389	4.55E-05	0.0046645	-0.12301
16w_SITTD12	0.03682422	0.21903685	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.02815574	0.16554366	4.48E-05	0.0047558	-0.12174
16w_SITTD12	0.07759201	0.4706149	5.05E-05	0.014229	0.21153
16w_SITTD12	0.05701517	0.34363523	6.30E-05	0.0062853	0.05269
16w_SITTD12	0.01071061	0.05788975	3.68E-05	0.0068	0.30902
16w_SITTD12	0.02806125	0.16496056	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.09917989	0.60383373	5.49E-05	0.0043938	-1.1701
16w_SITTD12	0.04044627	0.24138856	4.99E-05	0.0046177	-0.063007
16w_SITTD12	0.01851295	0.10603803	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.02830544	0.16646749	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.02840588	0.16708732	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.01472432	0.08265834	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.08452351	0.51338917	4.76E-05	0.012404	-0.069378
16w_SITTD12	0.02376417	0.13844326	4.32E-05	0.0050338	-0.091842
16w_SITTD12	0.03660513	0.21768486	4.79E-05	0.0045625	-0.092976
16w_SITTD12	0.01597756	0.09039212	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.00535747	0.02485552	3.38E-05	0.0079991	0.55892
16w_SITTD12	0.02845215	0.16737285	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.01443149	0.08085129	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.02655528	0.15566725	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.06983864	0.4227689	5.82E-05	0.011019	0.22487
16w_SITTD12	0.08316758	0.5050217	4.78E-05	0.013315	-0.0045591
16w_SITTD12	0.08076286	0.49018225	4.85E-05	0.0141	0.12269
16w_SITTD12	0.01409476	0.07877333	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.01235737	0.06805193	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.04745761	0.28465554	5.53E-05	0.0049654	-0.01514
16w_SITTD12	0.09105976	0.55372435	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.09366516	0.5698023	5.06E-05	0.0067258	-0.7829
16w_SITTD12	0.01887182	0.10825261	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.04039775	0.24108914	4.99E-05	0.0046177	-0.063007
16w_SITTD12	0.00784283	0.04019269	3.53E-05	0.0073641	0.43054
16w_SITTD12	0.05341439	0.32141477	6.05E-05	0.0056127	0.022172
16w_SITTD12	0.0575149	0.34671906	6.32E-05	0.0064035	0.057806
16w_SITTD12	0.01896812	0.10884684	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.03056186	0.18039185	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.02388273	0.13917491	4.34E-05	0.0049916	-0.091842

16w_SITTD12	0.00964204	0.0512956	3.62E-05	0.0070172	0.35661
16w_SITTD12	0.03756463	0.22360592	4.84E-05	0.0045696	-0.084703
16w_SITTD12	0.07217321	0.43717548	5.54E-05	0.012382	0.24161
16w_SITTD12	0.02054167	0.11855723	4.19E-05	0.0053364	-0.037579
16w_SITTD12	0.03590808	0.21338336	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.00648111	0.0317895	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.03380325	0.20039448	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.02533328	0.14812629	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.01500303	0.08437829	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.02616018	0.1532291	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.03090045	0.18248129	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.01658999	0.09417139	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.01187426	0.06507065	3.74E-05	0.0065941	0.24064
16w_SITTD12	0.02403273	0.14010058	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.03679828	0.21887676	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.05773891	0.34810144	6.32E-05	0.0064035	0.057806
16w_SITTD12	0.02568914	0.15032229	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.015397	0.08680947	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.08606987	0.5229318	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.01526858	0.08601698	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.04209039	0.2515344	5.09E-05	0.0046676	-0.0504
16w_SITTD12	0.03451886	0.20481049	4.70E-05	0.0045688	-0.10761
16w_SITTD12	0.01305649	0.0723662	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.01560945	0.08812049	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.07469045	0.4527094	5.33E-05	0.013335	0.24193
16w_SITTD12	0.07986836	0.48466226	4.90E-05	0.014278	0.15946
16w_SITTD12	0.01684269	0.09573083	4.03E-05	0.005729	0.063215
16w_SITTD12	0.01645935	0.09336525	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.09159444	0.5570239	4.96E-05	0.0076529	-0.60562
16w_SITTD12	0.02438401	0.14226833	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.07181183	0.43494537	5.60E-05	0.012118	0.2386
16w_SITTD12	0.06381775	0.38561398	6.30E-05	0.008216	0.14015
16w_SITTD12	0.01356567	0.07550835	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.09040649	0.549693	4.88E-05	0.0086895	-0.51631
16w_SITTD12	0.08541656	0.51890016	4.76E-05	0.012059	-0.14081
16w_SITTD12	0.02486995	0.14526704	4.36E-05	0.0049516	-0.10343
16w_SITTD12	0.05788481	0.3490018	6.32E-05	0.0064035	0.06315
16w_SITTD12	0.03329449	0.19725491	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.07276859	0.4408496	5.49E-05	0.012637	0.24373
16w_SITTD12	0.08772065	0.5331187	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.03888157	0.23173279	4.89E-05	0.0045836	-0.071721
16w_SITTD12	0.07870911	0.47750854	4.97E-05	0.014318	0.18889
16w_SITTD12	0.01731373	0.09863763	4.03E-05	0.005729	0.046584

16w_SITTD12	0.02411939	0.14063533	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.01480537	0.08315854	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.01840846	0.10539322	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.0160923	0.09110015	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01185021	0.06492226	3.74E-05	0.0065941	0.263
16w_SITTD12	0.02106512	0.12178744	4.21E-05	0.0052798	-0.04878
16w_SITTD12	0.02349074	0.13675594	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02420151	0.14114214	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.02189356	0.12689973	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.00633316	0.03087653	3.44E-05	0.0077366	0.50694
16w_SITTD12	0.02205261	0.12788123	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.02797366	0.16442008	4.48E-05	0.0047558	-0.12024
16w_SITTD12	0.02987749	0.17616858	4.55E-05	0.0046645	-0.12301
16w_SITTD12	0.08491585	0.5158103	4.76E-05	0.012404	-0.10433
16w_SITTD12	0.03097251	0.18292594	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.05755393	0.3469599	6.32E-05	0.0064035	0.057806
16w_SITTD12	0.02556427	0.14955167	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01832262	0.10486349	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.09574693	0.58264893	5.20E-05	0.0056833	-0.9515
16w_SITTD12	0.03173688	0.18764292	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.02041527	0.11777723	4.19E-05	0.0053364	-0.025531
16w_SITTD12	0.02737856	0.16074769	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.07985286	0.4845666	4.90E-05	0.014278	0.15946
16w_SITTD12	0.09060062	0.550891	4.91E-05	0.0083333	-0.51631
16w_SITTD12	0.01832755	0.1048939	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.02217691	0.12864831	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.01927766	0.11075705	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.01958097	0.11262876	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.01617699	0.09162279	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.08256391	0.50129646	4.79E-05	0.013563	0.05262
16w_SITTD12	0.08807124	0.53528225	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.09550124	0.5811327	5.20E-05	0.0056833	-0.91061
16w_SITTD12	0.01955745	0.1124836	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.02539126	0.1484841	4.38E-05	0.0049138	-0.10813
16w_SITTD12	0.09970843	0.6070953	5.53E-05	0.004262	-1.2008
16w_SITTD12	0.02700112	0.15841852	4.44E-05	0.004813	-0.11816
16w_SITTD12	0.03200848	0.18931894	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.09115908	0.5543373	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.08761369	0.53245866	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.00662711	0.03269048	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.0156579	0.08841948	3.95E-05	0.0059603	0.098494
16w_SITTD12	0.00338856	0.01270537	3.29E-05	0.0084138	0.63801
16w_SITTD12	0.00834063	0.04326461	3.56E-05	0.0072456	0.40559

16w_SITTD12	0.02650742	0.1553719	4.42E-05	0.0048445	-0.11546
16w_SITTD12	0.03186628	0.18844144	4.60E-05	0.0046154	-0.11821
16w_SITTD12	0.03106745	0.18351184	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.02273348	0.1320829	4.28E-05	0.005125	-0.077142
16w_SITTD12	0.01832694	0.10489016	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01690332	0.09610496	4.03E-05	0.005729	0.063215
16w_SITTD12	0.08087143	0.49085224	4.85E-05	0.0141	0.12269
16w_SITTD12	0.01625305	0.09209213	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.07717919	0.4680674	5.09E-05	0.014141	0.22047
16w_SITTD12	0.01752093	0.09991628	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.035019	0.20789681	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.02499779	0.14605594	4.38E-05	0.0049138	-0.10343
16w_SITTD12	0.02693145	0.15798856	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.01521505	0.08568667	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.02151739	0.12457839	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01501537	0.08445446	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.0148462	0.08341046	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.05780114	0.3484854	6.32E-05	0.0064035	0.06315
16w_SITTD12	0.07345679	0.4450965	5.43E-05	0.012883	0.24502
16w_SITTD12	0.01358437	0.07562372	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.08743968	0.5313848	4.79E-05	0.010571	-0.25808
16w_SITTD12	0.01878894	0.10774112	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.01886268	0.1081962	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.01376392	0.07673176	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.09434445	0.5739942	5.13E-05	0.0061762	-0.82618
16w_SITTD12	0.00724264	0.03648889	3.50E-05	0.0074854	0.45576
16w_SITTD12	0.02738337	0.16077738	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.02216886	0.12859866	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.02219073	0.12873358	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.09298855	0.5656269	5.02E-05	0.0070215	-0.73907
16w_SITTD12	0.02951318	0.17392044	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.0406697	0.2427673	5.02E-05	0.0046325	-0.058715
16w_SITTD12	0.01463949	0.08213484	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.02636163	0.15447222	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.031944	0.18892103	4.60E-05	0.0046154	-0.11821
16w_SITTD12	0.02305281	0.13405347	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.03306268	0.19582441	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.09764104	0.59433746	5.36E-05	0.0048658	-1.0673
16w_SITTD12	0.02103923	0.12162767	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.05250635	0.3158113	5.97E-05	0.0054628	0.018414
16w_SITTD12	0.08628951	0.52428716	4.77E-05	0.01133	-0.17867
16w_SITTD12	0.03136618	0.18535534	4.58E-05	0.00463	-0.12002
16w_SITTD12	0.07884676	0.47835797	4.97E-05	0.014318	0.17506

16w_SITTD12	0.08346958	0.50688535	4.77E-05	0.013036	-0.0045591
16w_SITTD12	0.01229879	0.06769039	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.07371485	0.44668898	5.38E-05	0.013116	0.24502
16w_SITTD12	0.0413898	0.24721105	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.02482855	0.14501156	4.36E-05	0.0049516	-0.10343
16w_SITTD12	0.039145	0.2333584	4.92E-05	0.0045932	-0.071721
16w_SITTD12	0.03582437	0.21286675	4.77E-05	0.0045615	-0.096915
16w_SITTD12	0.07827795	0.47484782	5.01E-05	0.014289	0.20103
16w_SITTD12	0.01195313	0.06555737	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.08265092	0.5018334	4.79E-05	0.013563	0.02505
16w_SITTD12	0.07897811	0.47916856	4.97E-05	0.014318	0.17506
16w_SITTD12	0.00658689	0.03244225	3.47E-05	0.0076096	0.48124
16w_SITTD12	0.02245111	0.1303404	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.04383253	0.26228517	5.21E-05	0.0047343	-0.035266
16w_SITTD12	0.02284449	0.13276793	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.02253119	0.13083456	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.09262179	0.5633637	4.99E-05	0.0073308	-0.69483
16w_SITTD12	0.09040038	0.5496553	4.88E-05	0.0086895	-0.51631
16w_SITTD12	0.06960008	0.4212967	5.82E-05	0.011019	0.21895
16w_SITTD12	0.0152465	0.08588072	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01494954	0.08404819	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.00834771	0.04330827	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.04173429	0.24933693	5.09E-05	0.0046676	-0.0504
16w_SITTD12	0.02643241	0.15490898	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.00619684	0.03003526	3.44E-05	0.0077366	0.50694
16w_SITTD12	0.04156969	0.24832115	5.05E-05	0.0046492	-0.054504
16w_SITTD12	0.03492887	0.20734063	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.02761338	0.16219676	4.46E-05	0.0047834	-0.12024
16w_SITTD12	0.01801091	0.10293991	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.0308233	0.18200518	4.57E-05	0.0046464	-0.12145
16w_SITTD12	0.01516091	0.08535254	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01682086	0.0955961	4.03E-05	0.005729	0.063215
16w_SITTD12	0.07658586	0.46440595	5.13E-05	0.014025	0.22792
16w_SITTD12	0.08419438	0.5113581	4.76E-05	0.012731	-0.036078
16w_SITTD12	0.02234837	0.12970638	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.07211052	0.43678862	5.54E-05	0.012382	0.24161
16w_SITTD12	0.06329349	0.38237873	6.33E-05	0.0080056	0.13178
16w_SITTD12	0.08185199	0.49690324	4.81E-05	0.013778	0.078055
16w_SITTD12	0.01379002	0.07689277	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.04912086	0.2949194	5.68E-05	0.0051026	-0.0054808
16w_SITTD12	0.02215801	0.1285317	4.26E-05	0.0051742	-0.068556
16w_SITTD12	0.01315549	0.07297711	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.0131299	0.07281917	3.83E-05	0.0063061	0.19734

16w_SITTD12	0.00993403	0.05309748	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.02454846	0.14328316	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.0285523	0.16799086	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.01350886	0.07515776	3.83E-05	0.0063061	0.17645
16w_SITTD12	0.02552014	0.14927939	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01349299	0.07505985	3.83E-05	0.0063061	0.17645
16w_SITTD12	0.08602544	0.5226576	4.76E-05	0.0117	-0.17867
16w_SITTD12	0.02316556	0.13474926	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.04703845	0.28206885	5.49E-05	0.0049251	-0.01514
16w_SITTD12	0.08929776	0.5428511	4.84E-05	0.0094274	-0.42792
16w_SITTD12	0.0371174	0.22084609	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.01154245	0.06302307	3.74E-05	0.0065941	0.263
16w_SITTD12	0.05906583	0.35628986	6.37E-05	0.0067983	0.074574
16w_SITTD12	0.02273457	0.13208966	4.28E-05	0.005125	-0.077142
16w_SITTD12	0.01016569	0.05452704	3.65E-05	0.0069072	0.33263
16w_SITTD12	0.07800733	0.47317788	5.05E-05	0.014229	0.20103
16w_SITTD12	0.00361496	0.01410248	3.29E-05	0.0084138	0.63801
16w_SITTD12	0.05630779	0.33926994	6.24E-05	0.0060668	0.047788
16w_SITTD12	0.02668283	0.15645435	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.08826616	0.5364851	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.02336325	0.1359692	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.03301759	0.19554614	4.64E-05	0.0045915	-0.11352
16w_SITTD12	0.02366265	0.13781682	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.07738239	0.46932137	5.09E-05	0.014141	0.21153
16w_SITTD12	0.01805616	0.10321918	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01887568	0.10827643	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.07868722	0.47737345	4.97E-05	0.014318	0.18889
16w_SITTD12	0.01283975	0.07102869	3.80E-05	0.0063994	0.21875
16w_SITTD12	0.01976729	0.11377856	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.01418139	0.07930792	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.01553466	0.087659	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.04917587	0.2952589	5.68E-05	0.0051026	-0.0022352
16w_SITTD12	0.0467385	0.2802179	5.49E-05	0.0049251	-0.018376
16w_SITTD12	0.02892603	0.17029713	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.03033152	0.17897043	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.04542595	0.27211812	5.34E-05	0.0048194	-0.024952
16w_SITTD12	0.03676378	0.21866386	4.79E-05	0.0045625	-0.088896
16w_SITTD12	0.09007727	0.5476614	4.88E-05	0.0086895	-0.47194
16w_SITTD12	0.02288277	0.13300417	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.08767021	0.53280747	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.01395834	0.07793147	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01788826	0.10218303	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.06980034	0.4225325	5.82E-05	0.011019	0.22487

16w_SITTD12	0.01096366	0.05945133	3.71E-05	0.0066957	0.2858
16w_SITTD12	0.03041892	0.17950974	4.57E-05	0.0046464	-0.12245
16w_SITTD12	0.06444834	0.38950533	6.27E-05	0.0084357	0.14863
16w_SITTD12	0.03010418	0.17756751	4.55E-05	0.0046645	-0.12301
16w_SITTD12	0.01182915	0.06479227	3.74E-05	0.0065941	0.263
16w_SITTD12	0.02122977	0.12280351	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.01311826	0.07274736	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.01560519	0.08809423	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.0139256	0.07772944	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01463708	0.08211999	3.92E-05	0.0060428	0.1363
16w_SITTD12	0.01190926	0.06528664	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.02360316	0.13744968	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.02153562	0.12469088	4.24E-05	0.0052258	-0.04878
16w_SITTD12	0.08236643	0.50007784	4.79E-05	0.013563	0.05262
16w_SITTD12	0.09806104	0.59692925	5.36E-05	0.0048658	-1.1032
16w_SITTD12	0.01668081	0.09473186	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.08805844	0.5352032	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.08629426	0.52431643	4.77E-05	0.01133	-0.17867
16w_SITTD12	0.0282996	0.16643141	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.03979603	0.23737587	4.95E-05	0.0046046	-0.067351
16w_SITTD12	0.02917338	0.17182356	4.51E-05	0.0047064	-0.1231
16w_SITTD12	0.08648922	0.5255196	4.77E-05	0.01133	-0.21781
16w_SITTD12	0.07346778	0.44516426	5.43E-05	0.012883	0.24502
16w_SITTD12	0.02588236	0.15151466	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.02259786	0.131246	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.03483376	0.20675375	4.72E-05	0.0045646	-0.10426
16w_SITTD12	0.03106983	0.1835265	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.07551406	0.45779186	5.23E-05	0.013721	0.23858
16w_SITTD12	0.01837595	0.10519258	4.09E-05	0.0055879	0.015459
16w_SITTD12	0.02405183	0.14021844	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.03928562	0.23422614	4.92E-05	0.0045932	-0.071721
16w_SITTD12	0.02560286	0.14978988	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.01201524	0.06594064	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.03246182	0.19211648	4.62E-05	0.0046026	-0.11603
16w_SITTD12	0.01759041	0.10034503	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.01904242	0.10930537	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.04191444	0.25044864	5.09E-05	0.0046676	-0.0504
16w_SITTD12	0.03119684	0.18431027	4.58E-05	0.00463	-0.12145
16w_SITTD12	0.08028226	0.48721647	4.87E-05	0.014207	0.14202
16w_SITTD12	0.08998464	0.5470898	4.88E-05	0.0086895	-0.47194
16w_SITTD12	0.02173787	0.125939	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.01337411	0.07432625	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.02344086	0.13644812	4.32E-05	0.0050338	-0.084895

16w_SITTD12	0.03206816	0.18968724	4.62E-05	0.0046026	-0.11821
16w_SITTD12	0.02605638	0.1525885	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.01747857	0.09965483	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.03695593	0.21984965	4.81E-05	0.0045652	-0.088896
16w_SITTD12	0.08251973	0.5010238	4.79E-05	0.013563	0.05262
16w_SITTD12	0.02740466	0.16090877	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.06627064	0.4007507	6.12E-05	0.0093985	0.17407
16w_SITTD12	0.02263743	0.13149019	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.08532088	0.5183098	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.01516763	0.085394	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.02606557	0.15264522	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.02425928	0.1414986	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.08524388	0.5178346	4.76E-05	0.012059	-0.10433
16w_SITTD12	0.01362442	0.07587087	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01863932	0.1068178	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.08767083	0.5328113	4.79E-05	0.010571	-0.29935
16w_SITTD12	0.00289963	0.00968819	3.26E-05	0.0085576	0.66457
16w_SITTD12	0.08791005	0.5342875	4.80E-05	0.010188	-0.29935
16w_SITTD12	0.03023031	0.17834586	4.55E-05	0.0046645	-0.12245
16w_SITTD12	0.02953638	0.17406362	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.05300802	0.3189071	6.01E-05	0.0055357	0.022172
16w_SITTD12	0.0241065	0.14055583	4.34E-05	0.0049916	-0.091842
16w_SITTD12	0.02437489	0.14221203	4.36E-05	0.0049516	-0.098011
16w_SITTD12	0.02351606	0.1369122	4.32E-05	0.0050338	-0.084895
16w_SITTD12	0.05201369	0.31277108	5.97E-05	0.0054628	0.014768
16w_SITTD12	0.04068706	0.24287446	5.02E-05	0.0046325	-0.058715
16w_SITTD12	0.01761842	0.10051787	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.02683677	0.1574043	4.44E-05	0.004813	-0.11546
16w_SITTD12	0.05509397	0.3317795	6.17E-05	0.0058704	0.038579
16w_SITTD12	0.01601036	0.09059452	3.98E-05	0.0058806	0.098494
16w_SITTD12	0.01915369	0.10999201	4.14E-05	0.0054571	0.0010121
16w_SITTD12	0.08363789	0.50792396	4.77E-05	0.013036	-0.0045591
16w_SITTD12	0.07780466	0.4719272	5.05E-05	0.014229	0.20103
16w_SITTD12	0.09729935	0.5922289	5.32E-05	0.0050496	-1.0673
16w_SITTD12	0.02193721	0.12716912	4.26E-05	0.0051742	-0.059109
16w_SITTD12	0.00644621	0.03157412	3.44E-05	0.0077366	0.50694
16w_SITTD12	0.01737291	0.09900279	4.06E-05	0.0056572	0.046584
16w_SITTD12	0.0516288	0.31039593	5.92E-05	0.0053939	0.011221
16w_SITTD12	0.01435738	0.08039395	3.89E-05	0.0061278	0.1561
16w_SITTD12	0.09581998	0.5830997	5.20E-05	0.0056833	-0.9515
16w_SITTD12	0.09146566	0.5562292	4.93E-05	0.0079874	-0.60562
16w_SITTD12	0.02063721	0.11914685	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.08758613	0.5322886	4.79E-05	0.010571	-0.29935

16w_SITTD12	0.07504805	0.45491615	5.28E-05	0.013537	0.24193
16w_SITTD12	0.01953046	0.11231708	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.03304696	0.19572738	4.66E-05	0.0045822	-0.11352
16w_SITTD12	0.02913253	0.17157143	4.51E-05	0.0047064	-0.12268
16w_SITTD12	0.02614352	0.15312628	4.42E-05	0.0048445	-0.11213
16w_SITTD12	0.0229917	0.13367638	4.30E-05	0.0050782	-0.077142
16w_SITTD12	0.02075482	0.1198726	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.01818816	0.10403375	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.01829551	0.1046962	4.09E-05	0.0055879	0.030658
16w_SITTD12	0.08258966	0.50145537	4.79E-05	0.013563	0.05262
16w_SITTD12	0.08823948	0.53632045	4.80E-05	0.010188	-0.3415
16w_SITTD12	0.01343138	0.07467963	3.83E-05	0.0063061	0.19734
16w_SITTD12	0.06758561	0.40886542	6.03E-05	0.009922	0.19812
16w_SITTD12	0.01200756	0.06589326	3.77E-05	0.0064954	0.24064
16w_SITTD12	0.02941994	0.17334507	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.0984847	0.5995437	5.40E-05	0.0046955	-1.1375
16w_SITTD12	0.02229086	0.1293515	4.28E-05	0.005125	-0.068556
16w_SITTD12	0.00817321	0.04223148	3.56E-05	0.0072456	0.40559
16w_SITTD12	0.02002622	0.1153764	4.16E-05	0.0053955	-0.025531
16w_SITTD12	0.01520377	0.08561707	3.95E-05	0.0059603	0.11709
16w_SITTD12	0.01371314	0.07641835	3.86E-05	0.0062156	0.17645
16w_SITTD12	0.01956621	0.11253767	4.16E-05	0.0053955	-0.012659
16w_SITTD12	0.0410926	0.24537703	5.02E-05	0.0046325	-0.054504
16w_SITTD12	0.03378174	0.20026173	4.68E-05	0.0045746	-0.11071
16w_SITTD12	0.02067216	0.11936251	4.21E-05	0.0052798	-0.037579
16w_SITTD12	0.09025725	0.5487721	4.88E-05	0.0086895	-0.51631
16w_SITTD12	0.02930925	0.17266196	4.53E-05	0.0046846	-0.1231
16w_SITTD12	0.08795943	0.5345923	4.80E-05	0.010188	-0.29935
16w_SITTD12	0.02748628	0.16141245	4.46E-05	0.0047834	-0.11816
16w_SITTD12	0.02553319	0.14935991	4.40E-05	0.0048781	-0.10813
16w_SITTD12	0.00902836	0.04750858	3.59E-05	0.00713	0.38094
16w_SITTD12	0.07391433	0.44791996	5.38E-05	0.013116	0.24502
16w_SITTD12	0.03151566	0.18627776	4.60E-05	0.0046154	-0.12002
16w_SITTD12	0.02856395	0.16806276	4.49E-05	0.0047302	-0.12174
16w_SITTD12	0.0166074	0.09427887	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.01875979	0.10756125	4.11E-05	0.0055212	0.015459
16w_SITTD12	0.01660525	0.0942656	4.00E-05	0.0058035	0.080526
16w_SITTD12	0.01066984	0.05763816	3.68E-05	0.0068	0.30902
16w_SITTD12	0.09117459	0.554433	4.93E-05	0.0079874	-0.56091
16w_SITTD12	0.08834767	0.536988	4.82E-05	0.0098057	-0.3415
16w_SITTE12	0.02152364	0.12461697	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.07232017	0.4380824	5.54E-05	0.012382	0.24161
16w_SITTE12	0.01225484	0.06741922	3.77E-05	0.0064954	0.24064

16w_SITTE12	0.06776051	0.40994474	5.98E-05	0.010192	0.19812
16w_SITTE12	0.01780622	0.10167675	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.04717227	0.2828947	5.53E-05	0.0049654	-0.01514
16w_SITTE12	0.01942711	0.11167931	4.14E-05	0.0054571	-0.012659
16w_SITTE12	0.01760976	0.10046443	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.08293586	0.5035918	4.78E-05	0.013315	0.02505
16w_SITTE12	0.08881988	0.53990203	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.01876596	0.10759934	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.04045087	0.2414169	4.99E-05	0.0046177	-0.063007
16w_SITTE12	0.01730835	0.09860443	4.03E-05	0.005729	0.046584
16w_SITTE12	0.08442242	0.51276535	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.02154356	0.12473992	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02445718	0.14271988	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.00894095	0.04696921	3.59E-05	0.00713	0.38094
16w_SITTE12	0.0190435	0.10931201	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.0259979	0.15222766	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.02194973	0.1272464	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.09167193	0.5575021	4.96E-05	0.0076529	-0.60562
16w_SITTE12	0.01749885	0.09978	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02809485	0.16516796	4.48E-05	0.0047558	-0.12174
16w_SITTE12	0.04471528	0.2677326	5.30E-05	0.0047888	-0.031751
16w_SITTE12	0.00796709	0.04095947	3.53E-05	0.0073641	0.43054
16w_SITTE12	0.01469	0.08244658	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01274735	0.07045849	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.01890356	0.10844845	4.11E-05	0.0055212	0.0010121
16w_SITTE12	0.03634848	0.2161011	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.03564303	0.2117477	4.74E-05	0.0045622	-0.096915
16w_SITTE12	0.01739286	0.09912593	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.05960045	0.35958898	6.37E-05	0.0069445	0.080679
16w_SITTE12	0.04301446	0.25723684	5.17E-05	0.0047101	-0.042593
16w_SITTE12	0.02294512	0.13338892	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.0225916	0.13120739	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01541875	0.08694369	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.08779544	0.53358024	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.04912208	0.29492694	5.68E-05	0.0051026	-0.0054808
16w_SITTE12	0.03582268	0.21285637	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.02752281	0.16163784	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.10146623	0.6179427	5.66E-05	0.0039398	-1.2808
16w_SITTE12	0.0871691	0.5297151	4.78E-05	0.010952	-0.25808
16w_SITTE12	0.04798855	0.28793195	5.58E-05	0.0050083	-0.01192
16w_SITTE12	0.04042054	0.24122977	4.99E-05	0.0046177	-0.063007
16w_SITTE12	0.09958024	0.6063043	5.49E-05	0.0043938	-1.2008
16w_SITTE12	0.01546748	0.08724438	3.95E-05	0.0059603	0.11709

16w_SITTE12	0.01609669	0.09112725	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.02462342	0.14374574	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.06279157	0.3792814	6.35E-05	0.0078047	0.12359
16w_SITTE12	0.02421438	0.14122152	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.03214004	0.19013077	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.01970237	0.11337789	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.03719942	0.22135222	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.07373035	0.44678462	5.38E-05	0.013116	0.24502
16w_SITTE12	0.09205361	0.5598574	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.01495177	0.08406196	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01264015	0.06979697	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.01102505	0.05983019	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.09387066	0.57107043	5.09E-05	0.0064439	-0.7829
16w_SITTE12	0.0190633	0.10943422	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.01966898	0.11317185	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.04079718	0.24355398	5.02E-05	0.0046325	-0.058715
16w_SITTE12	0.01506353	0.08475163	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.06524267	0.39440712	6.20E-05	0.0089013	0.15715
16w_SITTE12	0.08035468	0.48766336	4.87E-05	0.014207	0.14202
16w_SITTE12	0.09270456	0.5638744	5.02E-05	0.0070215	-0.69483
16w_SITTE12	0.02399501	0.13986781	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.03331035	0.19735274	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.02452829	0.14315869	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02700077	0.15841633	4.44E-05	0.004813	-0.11816
16w_SITTE12	0.0845621	0.5136273	4.76E-05	0.012404	-0.069378
16w_SITTE12	0.08014523	0.4863708	4.90E-05	0.014278	0.14202
16w_SITTE12	0.03336771	0.19770674	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.02878845	0.16944812	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.06772868	0.4097483	5.98E-05	0.010192	0.19812
16w_SITTE12	0.04433604	0.26539227	5.25E-05	0.0047605	-0.031751
16w_SITTE12	0.01388333	0.07746862	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.01358058	0.07560036	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.09919597	0.6039329	5.49E-05	0.0043938	-1.1701
16w_SITTE12	0.01003364	0.05371215	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.01206106	0.06622338	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.02013893	0.11607191	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.04216365	0.25198647	5.09E-05	0.0046676	-0.04643
16w_SITTE12	0.01974987	0.11367104	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.03387187	0.20081791	4.68E-05	0.0045746	-0.11071
16w_SITTE12	0.02081766	0.12026037	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.00651987	0.03202872	3.47E-05	0.0076096	0.48124
16w_SITTE12	0.01958004	0.11262302	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.02041899	0.1178002	4.19E-05	0.0053364	-0.025531

16w_SITTE12	0.01488419	0.08364494	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.02886331	0.16991009	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.01163852	0.06361587	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01497213	0.0841876	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.12906675	0.7882655	7.09E-05	0.0055438	-0.96145
16w_SITTE12	0.01976354	0.11375539	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.00956566	0.05082428	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.01290984	0.07146122	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.02158586	0.12500091	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.08994339	0.54683524	4.88E-05	0.0086895	-0.47194
16w_SITTE12	0.07640288	0.4632768	5.13E-05	0.014025	0.22792
16w_SITTE12	0.08328995	0.5057769	4.78E-05	0.013315	-0.0045591
16w_SITTE12	0.02655608	0.15567215	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.01951685	0.11223307	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.0211451	0.12228099	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01899131	0.10898997	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.0575278	0.34679866	6.32E-05	0.0064035	0.057806
16w_SITTE12	0.1154729	0.70437783	6.53E-05	0.0042916	-1.224
16w_SITTE12	0.08258249	0.50141114	4.79E-05	0.013563	0.05262
16w_SITTE12	0.02315562	0.1346879	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.07930193	0.48116684	4.93E-05	0.014315	0.17506
16w_SITTE12	0.02874114	0.16915618	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.04938688	0.29656103	5.73E-05	0.0051543	-0.0022352
16w_SITTE12	0.01475596	0.08285362	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.1060491	0.6462236	5.98E-05	0.0035674	-1.3913
16w_SITTE12	0.00434094	0.01858255	3.35E-05	0.0081345	0.58516
16w_SITTE12	0.02756379	0.16189076	4.46E-05	0.0047834	-0.12024
16w_SITTE12	0.01955136	0.11244603	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.08386148	0.50930375	4.77E-05	0.013036	-0.036078
16w_SITTE12	0.02096375	0.12116189	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.03664808	0.21794993	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.03363861	0.19937848	4.68E-05	0.0045746	-0.11071
16w_SITTE12	0.02189733	0.12692301	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02610188	0.15286928	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.0156301	0.08824795	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01992216	0.11473423	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.05023079	0.3017688	5.78E-05	0.0052091	0.0043724
16w_SITTE12	0.08681578	0.5275348	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.01640626	0.09303764	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.05635629	0.3395693	6.27E-05	0.0061731	0.047788
16w_SITTE12	0.08521329	0.5176458	4.76E-05	0.012059	-0.10433
16w_SITTE12	0.01951168	0.11220119	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.01138448	0.06204822	3.74E-05	0.0065941	0.263

16w_SITTE12	0.03851171	0.22945035	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.01402487	0.07834204	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.03819757	0.22751182	4.87E-05	0.0045758	-0.080425
16w_SITTE12	0.02034785	0.11736116	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.06935229	0.41976762	5.82E-05	0.011019	0.21895
16w_SITTE12	0.02369143	0.1379944	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.09233116	0.5615702	4.99E-05	0.0073308	-0.6503
16w_SITTE12	0.02465243	0.14392476	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.0235442	0.13708588	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01350867	0.0751566	3.83E-05	0.0063061	0.17645
16w_SITTE12	0.01534511	0.08648924	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.02881462	0.16960964	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.0339056	0.20102602	4.68E-05	0.0045746	-0.11071
16w_SITTE12	0.08516374	0.51734	4.76E-05	0.012059	-0.10433
16w_SITTE12	0.02037167	0.11750816	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.03162258	0.18693756	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01812981	0.10367363	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.0165477	0.09391047	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.0324792	0.19222376	4.62E-05	0.0046026	-0.11603
16w_SITTE12	0.0244903	0.14292422	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.0558303	0.3363234	6.24E-05	0.0060668	0.043089
16w_SITTE12	0.04200558	0.251011	5.09E-05	0.0046676	-0.0504
16w_SITTE12	0.02716318	0.15941857	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.01268383	0.07006647	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.02714429	0.15930204	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.0577445	0.3481359	6.32E-05	0.0064035	0.057806
16w_SITTE12	0.01742408	0.0993186	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.08604915	0.5228039	4.76E-05	0.0117	-0.17867
16w_SITTE12	0.0173993	0.09916566	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02259888	0.1312523	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.06140025	0.37069553	6.37E-05	0.0074328	0.10072
16w_SITTE12	0.01512334	0.0851207	3.92E-05	0.0060428	0.11709
16w_SITTE12	0.02554107	0.14940853	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.01936303	0.11128385	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.09601717	0.58431655	5.24E-05	0.0054581	-0.9515
16w_SITTE12	0.01313486	0.07284982	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.02962377	0.17460288	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.01428179	0.07992753	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01440498	0.0806877	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01511902	0.08509404	3.92E-05	0.0060428	0.11709
16w_SITTE12	0.05471049	0.32941303	6.14E-05	0.0057798	0.034245
16w_SITTE12	0.08234752	0.49996117	4.81E-05	0.013778	0.05262
16w_SITTE12	0.03835176	0.22846328	4.87E-05	0.0045758	-0.076088

16w_SITTE12	0.01309042	0.07257559	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.0772211	0.46832603	5.09E-05	0.014141	0.22047
16w_SITTE12	0.03862296	0.23013689	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.03736212	0.22235624	4.81E-05	0.0045652	-0.084703
16w_SITTE12	0.08077032	0.49022827	4.85E-05	0.0141	0.12269
16w_SITTE12	0.01873753	0.10742391	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.08362116	0.5078208	4.77E-05	0.013036	-0.0045591
16w_SITTE12	0.02239602	0.13000041	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01560949	0.08812074	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01586096	0.08967257	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01453978	0.08151957	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01095877	0.05942117	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.02357453	0.137273	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.03258157	0.19285549	4.64E-05	0.0045915	-0.11603
16w_SITTE12	0.05588713	0.3366741	6.24E-05	0.0060668	0.043089
16w_SITTE12	0.06158716	0.37184897	6.37E-05	0.0074328	0.10802
16w_SITTE12	0.06099451	0.36819175	6.38E-05	0.0072613	0.09374
16w_SITTE12	0.02360473	0.1374594	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.06741762	0.40782875	6.03E-05	0.009922	0.19037
16w_SITTE12	0.01112358	0.06043819	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.04401263	0.26339656	5.25E-05	0.0047605	-0.035266
16w_SITTE12	0.03584744	0.21300913	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.08989606	0.5465432	4.86E-05	0.0090548	-0.47194
16w_SITTE12	0.01561823	0.08817467	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.02685963	0.15754537	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.02418677	0.14105113	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.0301457	0.17782372	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.01538751	0.08675093	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.07180343	0.43489358	5.60E-05	0.012118	0.2386
16w_SITTE12	0.06547967	0.39586964	6.20E-05	0.0089013	0.16566
16w_SITTE12	0.10305318	0.62773573	5.78E-05	0.003724	-1.3397
16w_SITTE12	0.01407354	0.07864239	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02311121	0.13441388	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.01868447	0.10709646	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.05519189	0.33238378	6.17E-05	0.0058704	0.038579
16w_SITTE12	0.01659404	0.0941964	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.02284178	0.13275123	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.014898	0.08373016	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.0920314	0.55972034	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.00934834	0.04948316	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.05402853	0.32520464	6.10E-05	0.005694	0.030074
16w_SITTE12	0.0216745	0.12554792	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.08738142	0.5310253	4.79E-05	0.010571	-0.25808

16w_SITTE12	0.01127051	0.06134487	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.03492714	0.20732996	4.72E-05	0.0045646	-0.10426
16w_SITTE12	0.09332828	0.56772345	5.06E-05	0.0067258	-0.73907
16w_SITTE12	0.02547417	0.14899571	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.08439305	0.5125841	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.05359321	0.3225183	6.05E-05	0.0056127	0.026054
16w_SITTE12	0.07807854	0.4736173	5.01E-05	0.014289	0.20103
16w_SITTE12	0.02327669	0.13543509	4.30E-05	0.0050782	-0.084895
16w_SITTE12	0.02489753	0.14543726	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.04507113	0.26992851	5.34E-05	0.0048194	-0.028317
16w_SITTE12	0.0799207	0.48498526	4.90E-05	0.014278	0.15946
16w_SITTE12	0.02022873	0.11662607	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.08030298	0.4873443	4.87E-05	0.014207	0.14202
16w_SITTE12	0.08449154	0.5131919	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.09737459	0.5926932	5.32E-05	0.0050496	-1.0673
16w_SITTE12	0.0410623	0.24519007	5.02E-05	0.0046325	-0.054504
16w_SITTE12	0.00722322	0.0363691	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.02455394	0.14331698	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.03068363	0.1811433	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.01532415	0.0863599	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.09669177	0.58847946	5.28E-05	0.0052469	-1.03
16w_SITTE12	0.07353082	0.44555333	5.43E-05	0.012883	0.24502
16w_SITTE12	0.09314823	0.5666123	5.02E-05	0.0070215	-0.73907
16w_SITTE12	0.02092353	0.12091367	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.07660865	0.4645466	5.13E-05	0.014025	0.22792
16w_SITTE12	0.02473711	0.1444473	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.08995765	0.5469232	4.88E-05	0.0086895	-0.47194
16w_SITTE12	0.03001906	0.17704223	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.09297669	0.5655537	5.02E-05	0.0070215	-0.73907
16w_SITTE12	0.09077907	0.55199224	4.91E-05	0.0083333	-0.56091
16w_SITTE12	0.02289583	0.13308474	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.02578485	0.15091288	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.02505839	0.14642994	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.02128043	0.12311612	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.09480301	0.576824	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.04683578	0.28081822	5.49E-05	0.0049251	-0.018376
16w_SITTE12	0.08397197	0.5099856	4.77E-05	0.013036	-0.036078
16w_SITTE12	0.05769478	0.34782907	6.32E-05	0.0064035	0.057806
16w_SITTE12	0.02668924	0.15649392	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.08731091	0.53059024	4.79E-05	0.010571	-0.25808
16w_SITTE12	0.02185932	0.12668844	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.0243355	0.14196898	4.34E-05	0.0049916	-0.098011
16w_SITTE12	0.0113056	0.06156146	3.71E-05	0.0066957	0.2858

16w_SITTE12	0.08871999	0.53928566	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.06554833	0.39629337	6.20E-05	0.0089013	0.16566
16w_SITTE12	0.03942225	0.23506932	4.92E-05	0.0045932	-0.067351
16w_SITTE12	0.055313	0.33313113	6.21E-05	0.005966	0.038579
16w_SITTE12	0.02024599	0.11673258	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.02503021	0.14625604	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.0653339	0.39497012	6.20E-05	0.0089013	0.15715
16w_SITTE12	0.07809082	0.4736931	5.01E-05	0.014289	0.20103
16w_SITTE12	0.09337368	0.5680036	5.06E-05	0.0067258	-0.73907
16w_SITTE12	0.03156204	0.18656394	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01640661	0.09303976	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.02291867	0.13322571	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.0163378	0.09261514	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.08496216	0.51609606	4.76E-05	0.012404	-0.10433
16w_SITTE12	0.0182532	0.10443509	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.06282648	0.3794968	6.35E-05	0.0078047	0.12359
16w_SITTE12	0.02403362	0.14010608	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.01206049	0.06621985	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.01646782	0.09341751	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.0096813	0.0515379	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.09320562	0.5669665	5.06E-05	0.0067258	-0.73907
16w_SITTE12	0.02946759	0.17363912	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.01311294	0.07271453	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.01757066	0.10022315	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02104007	0.12163285	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.08108947	0.49219772	4.85E-05	0.0141	0.10139
16w_SITTE12	0.02776353	0.16312332	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.01871866	0.10730744	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.09692525	0.58992034	5.28E-05	0.0052469	-1.03
16w_SITTE12	0.02648723	0.15524727	4.42E-05	0.0048445	-0.11546
16w_SITTE12	0.01498653	0.08427645	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.04041599	0.24120168	4.99E-05	0.0046177	-0.063007
16w_SITTE12	0.01612246	0.09128626	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.09695382	0.59009665	5.28E-05	0.0052469	-1.03
16w_SITTE12	0.07446504	0.4513184	5.33E-05	0.013335	0.24406
16w_SITTE12	0.02489284	0.1454083	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.02809924	0.16519499	4.48E-05	0.0047558	-0.12174
16w_SITTE12	0.03902107	0.23259363	4.92E-05	0.0045932	-0.071721
16w_SITTE12	0.02533344	0.14812726	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.06806231	0.4118071	5.98E-05	0.010192	0.20551
16w_SITTE12	0.06307359	0.38102174	6.33E-05	0.0080056	0.12359
16w_SITTE12	0.07924942	0.4808428	4.93E-05	0.014315	0.17506
16w_SITTE12	0.02406124	0.14027648	4.34E-05	0.0049916	-0.091842

16w_SITTE12	0.02575024	0.15069933	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.03718193	0.22124428	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.01888986	0.10836392	4.11E-05	0.0055212	0.0010121
16w_SITTE12	0.01784496	0.10191583	4.06E-05	0.0056572	0.030658
16w_SITTE12	0.09153535	0.5566593	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.07806513	0.47353452	5.01E-05	0.014289	0.20103
16w_SITTE12	0.01959494	0.11271499	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.03635378	0.21613376	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.03449194	0.20464437	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.01402877	0.07836612	3.86E-05	0.0062156	0.1561
16w_SITTE12	0.01856215	0.10634162	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.02948301	0.17373426	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.00993578	0.05310827	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.03097929	0.18296778	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.00513083	0.02345696	3.38E-05	0.0079991	0.55892
16w_SITTE12	0.0947597	0.57655674	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.06905884	0.41795668	5.87E-05	0.010741	0.21248
16w_SITTE12	0.02779881	0.16334105	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.09708236	0.5908899	5.32E-05	0.0050496	-1.03
16w_SITTE12	0.03164224	0.18705887	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.02255143	0.13095947	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.02656908	0.1557524	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.02105296	0.12171244	4.21E-05	0.0052798	-0.04878
16w_SITTE12	0.03020714	0.17820288	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.01380679	0.07699626	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.02083893	0.12039162	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.09530377	0.5799142	5.16E-05	0.0059226	-0.91061
16w_SITTE12	0.02068949	0.11946943	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.01048658	0.05650724	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01729573	0.09852653	4.03E-05	0.005729	0.046584
16w_SITTE12	0.01965282	0.11307213	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.08768757	0.5329146	4.79E-05	0.010571	-0.29935
16w_SITTE12	0.02129708	0.12321886	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02436565	0.14215505	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.04493258	0.26907355	5.30E-05	0.0047888	-0.028317
16w_SITTE12	0.02742491	0.16103375	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.08793398	0.5344352	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.01998834	0.11514264	4.16E-05	0.0053955	-0.025531
16w_SITTE12	0.08021165	0.48678073	4.87E-05	0.014207	0.14202
16w_SITTE12	0.05021834	0.30169195	5.78E-05	0.0052091	0.0043724
16w_SITTE12	0.00432689	0.0184958	3.35E-05	0.0081345	0.58516
16w_SITTE12	0.07795063	0.47282794	5.05E-05	0.014229	0.20103
16w_SITTE12	0.08258709	0.5014396	4.79E-05	0.013563	0.05262

16w_SITTE12	0.02008864	0.11576161	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.07754265	0.4703103	5.05E-05	0.014229	0.21153
16w_SITTE12	0.02184677	0.12661102	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02378493	0.1385714	4.32E-05	0.0050338	-0.091842
16w_SITTE12	0.0787356	0.47767198	4.97E-05	0.014318	0.18889
16w_SITTE12	0.01772078	0.10114954	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02290379	0.13313386	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.0649877	0.39283368	6.24E-05	0.0086643	0.15715
16w_SITTE12	0.01405253	0.07851275	3.86E-05	0.0062156	0.1561
16w_SITTE12	0.01893014	0.10861249	4.11E-05	0.0055212	0.0010121
16w_SITTE12	0.07466918	0.45257813	5.33E-05	0.013335	0.24193
16w_SITTE12	0.0243326	0.14195108	4.34E-05	0.0049916	-0.098011
16w_SITTE12	0.07844469	0.4758768	5.01E-05	0.014289	0.18889
16w_SITTE12	0.03785271	0.22538364	4.84E-05	0.0045696	-0.080425
16w_SITTE12	0.03121378	0.18441482	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.03434852	0.20375933	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.01382905	0.07713363	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.09786271	0.5957054	5.36E-05	0.0048658	-1.1032
16w_SITTE12	0.01697888	0.09657124	4.03E-05	0.005729	0.063215
16w_SITTE12	0.04692285	0.2813555	5.49E-05	0.0049251	-0.018376
16w_SITTE12	0.02278711	0.13241383	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.08951142	0.54416955	4.86E-05	0.0090548	-0.42792
16w_SITTE12	0.02464433	0.14387478	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02242379	0.13017182	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01915029	0.10997104	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.00488926	0.02196619	3.38E-05	0.0079991	0.55892
16w_SITTE12	0.08237081	0.5001049	4.79E-05	0.013563	0.05262
16w_SITTE12	0.02035916	0.11743097	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.04480896	0.2683107	5.30E-05	0.0047888	-0.031751
16w_SITTE12	0.08403189	0.51035535	4.76E-05	0.012731	-0.036078
16w_SITTE12	0.02455246	0.14330783	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.01636485	0.09278204	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.06277629	0.3791871	6.35E-05	0.0078047	0.12359
16w_SITTE12	0.01447109	0.08109569	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.00952584	0.05057854	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.02812465	0.16535181	4.48E-05	0.0047558	-0.12174
16w_SITTE12	0.08946896	0.5439075	4.86E-05	0.0090548	-0.42792
16w_SITTE12	0.01297164	0.07184259	3.80E-05	0.0063994	0.19734
16w_SITTE12	0.01055114	0.05690566	3.68E-05	0.0068	0.30902
16w_SITTE12	0.0273064	0.16030242	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.01075869	0.05818645	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01427207	0.07986754	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01464705	0.08218152	3.92E-05	0.0060428	0.1363

16w_SITTE12	0.01366642	0.07613004	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.0388056	0.23126398	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.00754154	0.03833342	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.01039862	0.05596447	3.68E-05	0.0068	0.30902
16w_SITTE12	0.10441427	0.63613504	5.86E-05	0.0036344	-1.3758
16w_SITTE12	0.05617134	0.33842796	6.24E-05	0.0060668	0.047788
16w_SITTE12	0.09108433	0.553876	4.93E-05	0.0079874	-0.56091
16w_SITTE12	0.07542029	0.45721322	5.23E-05	0.013721	0.23858
16w_SITTE12	0.01738108	0.09905324	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02462749	0.14377087	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.01021678	0.05484233	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.03339519	0.19787633	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.0169782	0.09656705	4.03E-05	0.005729	0.063215
16w_SITTE12	0.02103598	0.12160763	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.09545542	0.58084995	5.20E-05	0.0056833	-0.91061
16w_SITTE12	0.02480356	0.14485736	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.09697949	0.590255	5.28E-05	0.0052469	-1.03
16w_SITTE12	0.07330152	0.44413832	5.43E-05	0.012883	0.24489
16w_SITTE12	0.05436235	0.32726464	6.14E-05	0.0057798	0.030074
16w_SITTE12	0.02227718	0.12926705	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.09689172	0.5897134	5.28E-05	0.0052469	-1.03
16w_SITTE12	0.01984087	0.11423263	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.01938009	0.11138916	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.06495474	0.39263028	6.24E-05	0.0086643	0.15715
16w_SITTE12	0.09502186	0.5781745	5.16E-05	0.0059226	-0.8688
16w_SITTE12	0.01586148	0.08967578	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01967143	0.11318696	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.07940911	0.4818282	4.93E-05	0.014315	0.15946
16w_SITTE12	0.03508769	0.20832075	4.72E-05	0.0045646	-0.10426
16w_SITTE12	0.10040004	0.61136323	5.58E-05	0.0041426	-1.2296
16w_SITTE12	0.014502	0.08128641	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.07918988	0.48047537	4.93E-05	0.014315	0.17506
16w_SITTE12	0.0459427	0.275307	5.39E-05	0.0048522	-0.021643
16w_SITTE12	0.0805748	0.4890217	4.87E-05	0.014207	0.12269
16w_SITTE12	0.02873889	0.16914229	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.02248664	0.13055968	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.05192581	0.3122288	5.92E-05	0.0053939	0.014768
16w_SITTE12	0.02455701	0.14333594	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.01520395	0.08561814	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01451969	0.08139556	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.08267957	0.5020102	4.79E-05	0.013563	0.02505
16w_SITTE12	0.08312005	0.50472844	4.78E-05	0.013315	0.02505
16w_SITTE12	0.09122472	0.55474234	4.93E-05	0.0079874	-0.56091

16w_SITTE12	0.02146359	0.12424638	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01826566	0.104512	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.06867559	0.4155917	5.93E-05	0.010465	0.21248
16w_SITTE12	0.1078625	0.6574141	6.12E-05	0.0035823	-1.389
16w_SITTE12	0.08384715	0.50921535	4.77E-05	0.013036	-0.036078
16w_SITTE12	0.01256152	0.06931174	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.01484982	0.08343285	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01585438	0.08963195	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01509134	0.08492326	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01212454	0.0666151	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.02099571	0.12135915	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.08778968	0.5335447	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.02378763	0.13858806	4.32E-05	0.0050338	-0.091842
16w_SITTE12	0.02727432	0.16010444	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.02483041	0.14502305	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.02497435	0.14591134	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.00681514	0.03385079	3.47E-05	0.0076096	0.48124
16w_SITTE12	0.03349835	0.1985129	4.66E-05	0.0045822	-0.11071
16w_SITTE12	0.02298545	0.13363779	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.02025029	0.11675913	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.05430017	0.32688096	6.14E-05	0.0057798	0.030074
16w_SITTE12	0.0187237	0.10733853	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.08483518	0.5153125	4.76E-05	0.012404	-0.10433
16w_SITTE12	0.01834546	0.10500441	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02359075	0.13737312	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01594684	0.09020251	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.02505603	0.14641535	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.07588689	0.4600926	5.18E-05	0.013885	0.23393
16w_SITTE12	0.01993832	0.11483398	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.03448669	0.20461193	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.02879571	0.16949292	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.01309525	0.07260536	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.07342393	0.4448937	5.43E-05	0.012883	0.24489
16w_SITTE12	0.08425251	0.51171684	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.0605865	0.36567387	6.38E-05	0.0070986	0.09374
16w_SITTE12	0.02876479	0.16930212	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.05278589	0.3175363	6.01E-05	0.0055357	0.018414
16w_SITTE12	0.08342638	0.5066188	4.78E-05	0.013315	-0.0045591
16w_SITTE12	0.07604171	0.46104798	5.18E-05	0.013885	0.23393
16w_SITTE12	0.00982956	0.05245283	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.04865662	0.2920546	5.63E-05	0.005054	-0.0054808
16w_SITTE12	0.01298005	0.07189447	3.80E-05	0.0063994	0.19734
16w_SITTE12	0.01506521	0.08476201	3.92E-05	0.0060428	0.1363

16w_SITTE12	0.00998228	0.05339523	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.02419941	0.14112917	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.08874264	0.5394254	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.08574887	0.52095085	4.76E-05	0.0117	-0.14081
16w_SITTE12	0.03527098	0.2094518	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.10463046	0.6374692	5.90E-05	0.0036036	-1.3758
16w_SITTE12	0.0142117	0.07949499	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02582464	0.15115845	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.03748857	0.22313657	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.01142762	0.06231443	3.74E-05	0.0065941	0.263
16w_SITTE12	0.02578697	0.15092601	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.02432801	0.14192277	4.34E-05	0.0049916	-0.098011
16w_SITTE12	0.06501624	0.39300984	6.20E-05	0.0089013	0.15715
16w_SITTE12	0.02596245	0.15200888	4.40E-05	0.0048781	-0.11213
16w_SITTE12	0.09170385	0.557699	4.96E-05	0.0076529	-0.60562
16w_SITTE12	0.02488932	0.14538658	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.02178731	0.12624408	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.03052765	0.18018074	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.06325641	0.38214988	6.33E-05	0.0080056	0.13178
16w_SITTE12	0.02665406	0.15627679	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.02693992	0.15804085	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.08488921	0.5156459	4.76E-05	0.012404	-0.10433
16w_SITTE12	0.01852692	0.1061242	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.01721853	0.09805012	4.03E-05	0.005729	0.063215
16w_SITTE12	0.01585198	0.08961716	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.03074529	0.18152376	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.01850874	0.106012	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.06032001	0.36402938	6.38E-05	0.0070986	0.087064
16w_SITTE12	0.03120259	0.1843458	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.0209334	0.1209746	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.0503406	0.30244642	5.78E-05	0.0052091	0.0043724
16w_SITTE12	0.01200997	0.06590813	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.05829646	0.3515421	6.34E-05	0.0065282	0.06315
16w_SITTE12	0.01039353	0.05593303	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01798496	0.10277981	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02660529	0.15597586	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.01870823	0.10724308	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.09423545	0.5733216	5.09E-05	0.0064439	-0.82618
16w_SITTE12	0.04010283	0.23926918	4.99E-05	0.0046177	-0.063007
16w_SITTE12	0.02323419	0.13517275	4.30E-05	0.0050782	-0.084895
16w_SITTE12	0.09192302	0.5590516	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.03946425	0.23532847	4.92E-05	0.0045932	-0.067351
16w_SITTE12	0.02188628	0.12685485	4.26E-05	0.0051742	-0.059109

16w_SITTE12	0.0455729	0.27302495	5.39E-05	0.0048522	-0.024952
16w_SITTE12	0.01793337	0.10246145	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02111127	0.12207221	4.21E-05	0.0052798	-0.04878
16w_SITTE12	0.02315469	0.13468216	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.00860234	0.04487963	3.56E-05	0.0072456	0.40559
16w_SITTE12	0.02860708	0.1683289	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.03443281	0.2042795	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.0624755	0.3773309	6.35E-05	0.0078047	0.11565
16w_SITTE12	0.01233491	0.06791332	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.06998995	0.4237026	5.76E-05	0.011297	0.22487
16w_SITTE12	0.06884239	0.416621	5.87E-05	0.010741	0.21248
16w_SITTE12	0.09640074	0.5866836	5.24E-05	0.0054581	-0.99133
16w_SITTE12	0.04845154	0.29078904	5.63E-05	0.005054	-0.0087048
16w_SITTE12	0.07262467	0.43996143	5.49E-05	0.012637	0.24373
16w_SITTE12	0.08051056	0.48862532	4.87E-05	0.014207	0.12269
16w_SITTE12	0.06871546	0.41583773	5.93E-05	0.010465	0.21248
16w_SITTE12	0.01279564	0.07075646	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.07012288	0.42452294	5.76E-05	0.011297	0.22487
16w_SITTE12	0.029632	0.17465366	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.014433	0.08086064	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01547297	0.08727828	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.02211455	0.12826346	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.08888662	0.5403139	4.84E-05	0.0094274	-0.3844
16w_SITTE12	0.01763273	0.10060614	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01618742	0.09168712	3.98E-05	0.0058806	0.080526
16w_SITTE12	0.0395692	0.23597613	4.95E-05	0.0046046	-0.067351
16w_SITTE12	0.01784597	0.10192209	4.06E-05	0.0056572	0.030658
16w_SITTE12	0.03241268	0.19181326	4.62E-05	0.0046026	-0.11603
16w_SITTE12	0.01423366	0.07963048	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.0739549	0.44817033	5.38E-05	0.013116	0.24502
16w_SITTE12	0.01543483	0.08704291	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01784605	0.10192259	4.06E-05	0.0056572	0.030658
16w_SITTE12	0.02734663	0.16055064	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.01833024	0.1049105	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02711694	0.15913326	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.01311486	0.07272639	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.0858333	0.5214719	4.76E-05	0.0117	-0.14081
16w_SITTE12	0.02139847	0.12384458	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.00484374	0.0216853	3.35E-05	0.0081345	0.55892
16w_SITTE12	0.02245131	0.13034165	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.0226873	0.13179791	4.28E-05	0.005125	-0.077142
16w_SITTE12	0.09033907	0.549277	4.88E-05	0.0086895	-0.51631
16w_SITTE12	0.02345894	0.13655971	4.32E-05	0.0050338	-0.084895

16w_SITTE12	0.02257421	0.13110003	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.03870221	0.23062593	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.05545486	0.33400655	6.21E-05	0.005966	0.038579
16w_SITTE12	0.02263917	0.1315009	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01450752	0.08132049	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02463485	0.14381628	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02482519	0.14499083	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.01774776	0.101316	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.03125083	0.1846435	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.03770592	0.22447781	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.09429719	0.5737025	5.13E-05	0.0061762	-0.82618
16w_SITTE12	0.08693503	0.52827066	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.00469113	0.02074354	3.35E-05	0.0081345	0.58516
16w_SITTE12	0.01334154	0.07412521	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.07532921	0.45665115	5.23E-05	0.013721	0.23858
16w_SITTE12	0.03293827	0.19505666	4.64E-05	0.0045915	-0.11352
16w_SITTE12	0.03354927	0.19882715	4.66E-05	0.0045822	-0.11071
16w_SITTE12	0.01763666	0.10063045	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01720594	0.09797246	4.03E-05	0.005729	0.063215
16w_SITTE12	0.01686929	0.09589499	4.03E-05	0.005729	0.063215
16w_SITTE12	0.08740798	0.5311892	4.79E-05	0.010571	-0.25808
16w_SITTE12	0.05947778	0.358832	6.37E-05	0.0067983	0.080679
16w_SITTE12	0.01413651	0.07903101	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02529707	0.14790282	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.02833925	0.16667613	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.03098345	0.18299349	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.05100513	0.30654725	5.87E-05	0.0053288	0.0077602
16w_SITTE12	0.02781637	0.1634494	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.02749782	0.16148363	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.0233512	0.13589483	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.02059344	0.11887668	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.02085417	0.12048568	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.02229748	0.12939234	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.07672872	0.46528757	5.13E-05	0.014025	0.22047
16w_SITTE12	0.01977926	0.11385242	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.01590131	0.08992155	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.09416495	0.5728865	5.09E-05	0.0064439	-0.82618
16w_SITTE12	0.02344239	0.13645759	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.08640743	0.5250148	4.77E-05	0.01133	-0.21781
16w_SITTE12	0.04295591	0.25687551	5.17E-05	0.0047101	-0.042593
16w_SITTE12	0.02386035	0.13903679	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.07914259	0.48018357	4.93E-05	0.014315	0.17506
16w_SITTE12	0.02206586	0.12796304	4.26E-05	0.0051742	-0.059109

16w_SITTE12	0.02023743	0.11667976	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.03148808	0.18610755	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.02108387	0.12190314	4.21E-05	0.0052798	-0.04878
16w_SITTE12	0.01261751	0.06965723	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.01604048	0.09078039	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01359856	0.07571127	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.09102362	0.5535013	4.91E-05	0.0083333	-0.56091
16w_SITTE12	0.01272926	0.07034685	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.03685271	0.21921267	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.03196058	0.18902333	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.04768939	0.2860858	5.58E-05	0.0050083	-0.01192
16w_SITTE12	0.08463845	0.51409847	4.76E-05	0.012404	-0.069378
16w_SITTE12	0.07531419	0.4565585	5.23E-05	0.013721	0.23858
16w_SITTE12	0.01866854	0.10699817	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.08541112	0.51886666	4.76E-05	0.012059	-0.14081
16w_SITTE12	0.02399835	0.1398884	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.02023932	0.11669141	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.09614391	0.5850987	5.24E-05	0.0054581	-0.99133
16w_SITTE12	0.02654215	0.15558621	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.02060857	0.1189701	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.021734	0.12591513	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02138179	0.12374163	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.03422978	0.20302656	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.02350975	0.13687328	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.0323217	0.19125181	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.01424232	0.07968395	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01626132	0.09214319	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.02211503	0.12826644	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02835037	0.16674472	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01178087	0.06449436	3.74E-05	0.0065941	0.263
16w_SITTE12	0.09141646	0.55592555	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.03146335	0.18595493	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01150015	0.06276199	3.74E-05	0.0065941	0.263
16w_SITTE12	0.07764483	0.47094083	5.05E-05	0.014229	0.21153
16w_SITTE12	0.0081328	0.04198211	3.56E-05	0.0072456	0.40559
16w_SITTE12	0.03559965	0.21148004	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.07890718	0.4787308	4.97E-05	0.014318	0.17506
16w_SITTE12	0.02934391	0.17287585	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.07538577	0.45700023	5.23E-05	0.013721	0.23858
16w_SITTE12	0.02192811	0.12711297	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01389393	0.077534	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.0194876	0.11205258	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.02371859	0.13816202	4.32E-05	0.0050338	-0.084895

16w_SITTE12	0.04901279	0.2942525	5.68E-05	0.0051026	-0.0054808
16w_SITTE12	0.04702146	0.281964	5.49E-05	0.0049251	-0.01514
16w_SITTE12	0.01667923	0.0947221	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.05155622	0.309948	5.92E-05	0.0053939	0.011221
16w_SITTE12	0.02053579	0.11852096	4.19E-05	0.0053364	-0.037579
16w_SITTE12	0.0844749	0.5130892	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.02086611	0.12055937	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.01737632	0.09902389	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.07906979	0.47973427	4.97E-05	0.014318	0.17506
16w_SITTE12	0.04425468	0.26489022	5.25E-05	0.0047605	-0.035266
16w_SITTE12	0.02866309	0.16867451	4.49E-05	0.0047302	-0.12268
16w_SITTE12	0.01108067	0.06017339	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.03525891	0.20937735	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.02412389	0.14066315	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.0459819	0.27554888	5.39E-05	0.0048522	-0.021643
16w_SITTE12	0.0119175	0.06533749	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.0285895	0.16822037	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01433725	0.08026973	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.08854232	0.53818923	4.82E-05	0.0098057	-0.3415
16w_SITTE12	0.03681361	0.2189714	4.79E-05	0.0045625	-0.088896
16w_SITTE12	0.01598332	0.09042764	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.02964655	0.17474349	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.08067348	0.48963067	4.87E-05	0.014207	0.12269
16w_SITTE12	0.03187607	0.1885018	4.60E-05	0.0046154	-0.11821
16w_SITTE12	0.10237057	0.62352335	5.70E-05	0.0038563	-1.3227
16w_SITTE12	0.01613829	0.09138397	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.06196455	0.37417784	6.36E-05	0.0076138	0.10802
16w_SITTE12	0.03000395	0.17694901	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.04539632	0.27193528	5.34E-05	0.0048194	-0.024952
16w_SITTE12	0.0375114	0.22327743	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.08858231	0.538436	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.11865394	0.7240081	6.66E-05	0.0046865	-1.1226
16w_SITTE12	0.01715687	0.09766964	4.03E-05	0.005729	0.063215
16w_SITTE12	0.04682358	0.28074294	5.49E-05	0.0049251	-0.018376
16w_SITTE12	0.03835711	0.22849631	4.87E-05	0.0045758	-0.076088
16w_SITTE12	0.07628173	0.46252915	5.18E-05	0.013885	0.22792
16w_SITTE12	0.01362341	0.07586462	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.00402047	0.01660489	3.32E-05	0.0082728	0.61153
16w_SITTE12	0.08885843	0.54014	4.84E-05	0.0094274	-0.3844
16w_SITTE12	0.01464798	0.08218729	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.03067642	0.18109879	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.01957072	0.11256553	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.03429834	0.20344964	4.70E-05	0.0045688	-0.10761

16w_SITTE12	0.09183972	0.55853754	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.01498741	0.08428189	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01748944	0.09972189	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.07569066	0.4588817	5.23E-05	0.013721	0.23393
16w_SITTE12	0.04529821	0.27132985	5.34E-05	0.0048194	-0.028317
16w_SITTE12	0.00551833	0.02584822	3.41E-05	0.0078664	0.53284
16w_SITTE12	0.01204163	0.06610346	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.0113359	0.06174843	3.71E-05	0.0066957	0.263
16w_SITTE12	0.00585462	0.02792345	3.41E-05	0.0078664	0.53284
16w_SITTE12	0.02066905	0.1193433	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.04878875	0.29287	5.68E-05	0.0051026	-0.0054808
16w_SITTE12	0.02000725	0.11525931	4.16E-05	0.0053955	-0.025531
16w_SITTE12	0.08493553	0.5159317	4.76E-05	0.012404	-0.10433
16w_SITTE12	0.08166817	0.49576887	4.83E-05	0.013957	0.078055
16w_SITTE12	0.02618813	0.15340152	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.02151177	0.12454371	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01843291	0.10554411	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.01856896	0.10638363	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.03117751	0.18419105	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.05062908	0.30422667	5.83E-05	0.0052672	0.0043724
16w_SITTE12	0.0284181	0.16716267	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01604942	0.09083556	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.08241082	0.5003518	4.79E-05	0.013563	0.05262
16w_SITTE12	0.08788782	0.53415036	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.03028276	0.1786695	4.55E-05	0.0046645	-0.12245
16w_SITTE12	0.02206245	0.12794197	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01590998	0.08997506	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.08538616	0.5187126	4.76E-05	0.012059	-0.14081
16w_SITTE12	0.0480433	0.2882698	5.58E-05	0.0050083	-0.01192
16w_SITTE12	0.08425263	0.5117176	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.02589415	0.15158741	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.08027732	0.48718598	4.87E-05	0.014207	0.14202
16w_SITTE12	0.01968001	0.11323994	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.02379246	0.1386179	4.32E-05	0.0050338	-0.091842
16w_SITTE12	0.0226206	0.13138632	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.08788866	0.5341555	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.0335235	0.19866812	4.66E-05	0.0045822	-0.11071
16w_SITTE12	0.0910209	0.55348456	4.91E-05	0.0083333	-0.56091
16w_SITTE12	0.01879432	0.10777431	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.03607258	0.21439846	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.08451559	0.5133403	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.03251708	0.19245753	4.64E-05	0.0045915	-0.11603
16w_SITTE12	0.02134633	0.12352281	4.24E-05	0.0052258	-0.04878

16w_SITTE12	0.01810294	0.10350785	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01248186	0.06882016	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.06573815	0.39746472	6.16E-05	0.0091463	0.16566
16w_SITTE12	0.01646617	0.09340734	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.01553763	0.08767733	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.05091659	0.30600092	5.83E-05	0.0052672	0.0077602
16w_SITTE12	0.01849993	0.10595764	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.02956537	0.17424248	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.03086765	0.18227887	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.01762564	0.1005624	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.0333312	0.19748141	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.02180287	0.12634009	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02346128	0.13657415	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.0154608	0.08720317	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.08513474	0.5171611	4.76E-05	0.012059	-0.10433
16w_SITTE12	0.01804276	0.10313646	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.07857738	0.4766956	4.97E-05	0.014318	0.18889
16w_SITTE12	0.08488281	0.5156064	4.76E-05	0.012404	-0.10433
16w_SITTE12	0.03839999	0.22876094	4.87E-05	0.0045758	-0.076088
16w_SITTE12	0.00956648	0.05082933	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.00921641	0.04866907	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.07830135	0.47499225	5.01E-05	0.014289	0.20103
16w_SITTE12	0.01273105	0.07035791	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.01660195	0.09424521	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.08340132	0.5064641	4.78E-05	0.013315	-0.0045591
16w_SITTE12	0.02781569	0.16344519	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.01483107	0.08331709	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01857313	0.10640938	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.02504225	0.14633031	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.03172436	0.18756561	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01627671	0.09223817	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.0222568	0.1291413	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.03144956	0.18586984	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.10164071	0.6190194	5.66E-05	0.0039398	-1.303
16w_SITTE12	0.09493749	0.5776538	5.16E-05	0.0059226	-0.8688
16w_SITTE12	0.03478104	0.2064284	4.72E-05	0.0045646	-0.10426
16w_SITTE12	0.07316583	0.443301	5.43E-05	0.012883	0.24489
16w_SITTE12	0.03753874	0.22344615	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.01554961	0.08775124	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01473266	0.08270986	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.0469707	0.28165075	5.49E-05	0.0049251	-0.018376
16w_SITTE12	0.02999354	0.17688476	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.0227723	0.13232249	4.30E-05	0.0050782	-0.077142

16w_SITTE12	0.08807381	0.53529805	4.80E-05	0.010188	-0.3415
16w_SITTE12	0.04415847	0.26429653	5.25E-05	0.0047605	-0.035266
16w_SITTE12	0.09163477	0.5572728	4.96E-05	0.0076529	-0.60562
16w_SITTE12	0.05636786	0.33964068	6.27E-05	0.0061731	0.047788
16w_SITTE12	0.02435219	0.14207198	4.34E-05	0.0049916	-0.098011
16w_SITTE12	0.02009007	0.1157704	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.02728622	0.16017786	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.06115102	0.36915758	6.38E-05	0.0072613	0.10072
16w_SITTE12	0.0179153	0.10234993	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01027958	0.05522989	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01044486	0.05624982	3.68E-05	0.0068	0.30902
16w_SITTE12	0.07281416	0.4411308	5.49E-05	0.012637	0.24373
16w_SITTE12	0.03319564	0.1966449	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.00869475	0.04544991	3.59E-05	0.00713	0.38094
16w_SITTE12	0.05720921	0.34483263	6.30E-05	0.0062853	0.05269
16w_SITTE12	0.01111991	0.06041553	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.02314265	0.1346079	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.02477547	0.14468405	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.09267559	0.56369567	5.02E-05	0.0070215	-0.69483
16w_SITTE12	0.0118237	0.06475866	3.74E-05	0.0065941	0.263
16w_SITTE12	0.09420942	0.5731609	5.09E-05	0.0064439	-0.82618
16w_SITTE12	0.07118831	0.43109766	5.65E-05	0.011849	0.23476
16w_SITTE12	0.01108322	0.06018914	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.05645048	0.3401505	6.27E-05	0.0061731	0.047788
16w_SITTE12	0.01364519	0.07599902	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.03318315	0.19656783	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.01901702	0.10914861	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.01449375	0.08123549	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02013788	0.11606547	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.06578517	0.3977549	6.16E-05	0.0091463	0.16566
16w_SITTE12	0.02166415	0.12548406	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01847986	0.10583382	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.03281285	0.19428268	4.64E-05	0.0045915	-0.11603
16w_SITTE12	0.07591652	0.46027547	5.18E-05	0.013885	0.23393
16w_SITTE12	0.0358689	0.21314158	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.02441754	0.14247525	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02729646	0.16024104	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.0465469	0.2790355	5.44E-05	0.0048874	-0.018376
16w_SITTE12	0.00958615	0.05095069	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.07893738	0.4789172	4.97E-05	0.014318	0.17506
16w_SITTE12	0.02453466	0.14319797	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.03871776	0.2307219	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.09362146	0.5695326	5.06E-05	0.0067258	-0.7829

16w_SITTE12	0.01018143	0.05462418	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.02880317	0.16953896	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.03842463	0.228913	4.87E-05	0.0045758	-0.076088
16w_SITTE12	0.00808168	0.04166662	3.53E-05	0.0073641	0.43054
16w_SITTE12	0.01635785	0.09273889	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.07416691	0.4494786	5.38E-05	0.013116	0.24406
16w_SITTE12	0.01220432	0.06710747	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.02715181	0.1593484	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.14340186	0.8767275	7.55E-05	0.0048121	-1.0827
16w_SITTE12	0.02114522	0.12228175	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01517136	0.08541703	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01579092	0.08924035	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.08107156	0.49208724	4.85E-05	0.0141	0.10139
16w_SITTE12	0.02088891	0.12070008	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.09144315	0.5560903	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.02290088	0.13311595	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.03483542	0.20676398	4.72E-05	0.0045646	-0.10426
16w_SITTE12	0.09215155	0.56046176	4.99E-05	0.0073308	-0.6503
16w_SITTE12	0.02087414	0.12060888	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.06238608	0.37677914	6.35E-05	0.0078047	0.11565
16w_SITTE12	0.01814648	0.10377654	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01683739	0.0956981	4.03E-05	0.005729	0.063215
16w_SITTE12	0.09192424	0.559059	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.06972862	0.42208993	5.82E-05	0.011019	0.22487
16w_SITTE12	0.01492877	0.08392	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.03387452	0.20083426	4.68E-05	0.0045746	-0.11071
16w_SITTE12	0.01832066	0.1048514	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.00941826	0.04991464	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.02709703	0.15901038	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.00712393	0.03575638	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.0850811	0.5168301	4.76E-05	0.012059	-0.10433
16w_SITTE12	0.020615	0.11900974	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.03592779	0.213505	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.02173447	0.125918	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02024264	0.11671194	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.01922141	0.11040992	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.08784366	0.53387785	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.00965763	0.0513918	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.00362728	0.01417852	3.29E-05	0.0084138	0.63801
16w_SITTE12	0.03610618	0.21460584	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.00822398	0.04254479	3.56E-05	0.0072456	0.40559
16w_SITTE12	0.0211985	0.12261055	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.08518267	0.5174568	4.76E-05	0.012059	-0.10433

16w_SITTE12	0.02346383	0.1365899	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01365705	0.07607222	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.0180077	0.10292012	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02121863	0.12273473	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02986343	0.17608182	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.02217845	0.12865783	4.26E-05	0.0051742	-0.068556
16w_SITTE12	0.05930213	0.35774806	6.37E-05	0.0067983	0.074574
16w_SITTE12	0.08041064	0.48800865	4.87E-05	0.014207	0.14202
16w_SITTE12	0.02372971	0.13823064	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.0499992	0.3003397	5.78E-05	0.0052091	0.0010449
16w_SITTE12	0.026997	0.15839311	4.44E-05	0.004813	-0.11816
16w_SITTE12	0.01908339	0.10955818	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.03683744	0.21911845	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.04727561	0.2835324	5.53E-05	0.0049654	-0.01514
16w_SITTE12	0.0879264	0.5343884	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.03150513	0.18621276	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.05185243	0.31177592	5.92E-05	0.0053939	0.014768
16w_SITTE12	0.01033121	0.05554847	3.68E-05	0.0068	0.30902
16w_SITTE12	0.02152336	0.12461526	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.08839506	0.5372805	4.82E-05	0.0098057	-0.3415
16w_SITTE12	0.01502431	0.08450962	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01503647	0.08458465	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.0219404	0.12718883	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02660309	0.15596224	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.09784379	0.5955886	5.36E-05	0.0048658	-1.1032
16w_SITTE12	0.00564981	0.02665954	3.41E-05	0.0078664	0.53284
16w_SITTE12	0.02492311	0.14559512	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.0886598	0.5389142	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.0315485	0.18648037	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.0957814	0.5828616	5.20E-05	0.0056833	-0.9515
16w_SITTE12	0.02384601	0.13894835	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.09157453	0.556901	4.96E-05	0.0076529	-0.60562
16w_SITTE12	0.08560228	0.5200463	4.76E-05	0.012059	-0.14081
16w_SITTE12	0.01439715	0.0806394	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.08249735	0.5008858	4.79E-05	0.013563	0.05262
16w_SITTE12	0.03632512	0.21595693	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.01934956	0.11120073	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.02404082	0.14015049	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.08585858	0.5216279	4.76E-05	0.0117	-0.14081
16w_SITTE12	0.04913346	0.2949972	5.68E-05	0.0051026	-0.0054808
16w_SITTE12	0.08143853	0.49435177	4.83E-05	0.013957	0.10139
16w_SITTE12	0.01718931	0.09786979	4.03E-05	0.005729	0.063215
16w_SITTE12	0.08184785	0.49687767	4.81E-05	0.013778	0.078055

16w_SITTE12	0.01742549	0.09932726	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.03170925	0.18747239	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01577332	0.08913171	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01326715	0.07366613	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.01018755	0.05466195	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.01161131	0.06344801	3.74E-05	0.0065941	0.263
16w_SITTE12	0.02774064	0.16298206	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.02179524	0.12629303	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.03188497	0.18855673	4.60E-05	0.0046154	-0.11821
16w_SITTE12	0.03090118	0.18248582	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.01684686	0.09575655	4.03E-05	0.005729	0.063215
16w_SITTE12	0.02282781	0.13266501	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.09727895	0.592103	5.32E-05	0.0050496	-1.0673
16w_SITTE12	0.07097013	0.4297513	5.71E-05	0.011574	0.23476
16w_SITTE12	0.08872585	0.53932184	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.0306201	0.18075126	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.03433864	0.20369835	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.01844091	0.10559346	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.09598086	0.5840925	5.24E-05	0.0054581	-0.9515
16w_SITTE12	0.01592914	0.09009328	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.0360473	0.2142425	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.02254834	0.13094044	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01415695	0.07915713	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.05004244	0.3006065	5.78E-05	0.0052091	0.0010449
16w_SITTE12	0.07831896	0.47510093	5.01E-05	0.014289	0.18889
16w_SITTE12	0.04258174	0.2545665	5.13E-05	0.0046879	-0.04643
16w_SITTE12	0.08671578	0.5269177	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.02428558	0.14166091	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.01136356	0.06191913	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01384025	0.07720278	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.07650355	0.463898	5.13E-05	0.014025	0.22792
16w_SITTE12	0.02223028	0.12897764	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01939875	0.11150425	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.0825818	0.5014069	4.79E-05	0.013563	0.05262
16w_SITTE12	0.01793604	0.10247789	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.09442215	0.57447374	5.13E-05	0.0061762	-0.82618
16w_SITTE12	0.03045274	0.17971845	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.00901029	0.04739706	3.59E-05	0.00713	0.38094
16w_SITTE12	0.02323461	0.13517536	4.30E-05	0.0050782	-0.084895
16w_SITTE12	0.01128331	0.06142388	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.01797294	0.10270564	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02124565	0.12290152	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02304469	0.13400339	4.30E-05	0.0050782	-0.077142

16w_SITTE12	0.01813151	0.10368414	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.0352985	0.20962164	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.03526213	0.2093972	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.02760857	0.1621671	4.46E-05	0.0047834	-0.12024
16w_SITTE12	0.02321598	0.13506038	4.30E-05	0.0050782	-0.084895
16w_SITTE12	0.01306152	0.07239723	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.09371713	0.570123	5.06E-05	0.0067258	-0.7829
16w_SITTE12	0.07825893	0.4747305	5.01E-05	0.014289	0.20103
16w_SITTE12	0.02852641	0.1678311	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01859045	0.10651625	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.02337306	0.13602977	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01395121	0.07788751	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.053923	0.32455346	6.10E-05	0.005694	0.026054
16w_SITTE12	0.03044369	0.17966263	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.08078108	0.49029467	4.85E-05	0.0141	0.12269
16w_SITTE12	0.03704713	0.2204124	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.08305009	0.50429666	4.78E-05	0.013315	0.02505
16w_SITTE12	0.02170101	0.12571156	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01453961	0.08151854	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.08634023	0.52460015	4.77E-05	0.01133	-0.17867
16w_SITTE12	0.02738939	0.16081454	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.01702295	0.09684321	4.03E-05	0.005729	0.063215
16w_SITTE12	0.02391986	0.13940409	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.09194454	0.5591843	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.01003826	0.05374069	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.02890187	0.17014806	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.03891051	0.23191136	4.89E-05	0.0045836	-0.071721
16w_SITTE12	0.01070186	0.05783573	3.68E-05	0.0068	0.30902
16w_SITTE12	0.08255428	0.5012371	4.79E-05	0.013563	0.05262
16w_SITTE12	0.08283293	0.50295657	4.79E-05	0.013563	0.02505
16w_SITTE12	0.09508353	0.57855505	5.16E-05	0.0059226	-0.91061
16w_SITTE12	0.03183102	0.18822382	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.02881437	0.1696081	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.04325263	0.25870654	5.17E-05	0.0047101	-0.038876
16w_SITTE12	0.02820375	0.16583994	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.00916955	0.04837985	3.59E-05	0.00713	0.35661
16w_SITTE12	0.03899701	0.23244515	4.92E-05	0.0045932	-0.071721
16w_SITTE12	0.00495119	0.0223484	3.38E-05	0.0079991	0.55892
16w_SITTE12	0.03575206	0.21242057	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.02916618	0.17177913	4.51E-05	0.0047064	-0.1231
16w_SITTE12	0.01977093	0.11380101	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.06346325	0.3834263	6.30E-05	0.008216	0.13178
16w_SITTE12	0.08910312	0.54164994	4.84E-05	0.0094274	-0.3844

16w_SITTE12	0.01956338	0.11252018	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.07609832	0.46139732	5.18E-05	0.013885	0.23393
16w_SITTE12	0.03729728	0.22195609	4.81E-05	0.0045652	-0.084703
16w_SITTE12	0.03244871	0.19203562	4.62E-05	0.0046026	-0.11603
16w_SITTE12	0.01737523	0.09901714	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.0075144	0.03816596	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.02129357	0.1231972	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01201329	0.06592858	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.09270876	0.56390035	5.02E-05	0.0070215	-0.69483
16w_SITTE12	0.01951203	0.11220334	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.08851198	0.538002	4.82E-05	0.0098057	-0.3415
16w_SITTE12	0.06294386	0.3802212	6.33E-05	0.0080056	0.12359
16w_SITTE12	0.03921993	0.23382081	4.92E-05	0.0045932	-0.071721
16w_SITTE12	0.09510963	0.5787161	5.16E-05	0.0059226	-0.91061
16w_SITTE12	0.00726958	0.03665514	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.05570655	0.33555976	6.21E-05	0.005966	0.043089
16w_SITTE12	0.01486373	0.08351867	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.02761312	0.16219515	4.46E-05	0.0047834	-0.12024
16w_SITTE12	0.08274784	0.5024315	4.79E-05	0.013563	0.02505
16w_SITTE12	0.09450923	0.5750111	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.0228776	0.13297227	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.03442628	0.20423919	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.01333714	0.07409809	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.0279143	0.16405377	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.0121027	0.06648032	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.02112377	0.12214939	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.03598931	0.21388465	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.00891066	0.04678225	3.59E-05	0.00713	0.38094
16w_SITTE12	0.01559143	0.08800929	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.03253876	0.1925913	4.64E-05	0.0045915	-0.11603
16w_SITTE12	0.02637423	0.15455	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.0136115	0.07579113	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.02820506	0.16584803	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.08087535	0.4908764	4.85E-05	0.0141	0.12269
16w_SITTE12	0.03193587	0.18887089	4.60E-05	0.0046154	-0.11821
16w_SITTE12	0.03547311	0.21069917	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.07713466	0.4677926	5.09E-05	0.014141	0.22047
16w_SITTE12	0.09128775	0.55513126	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.07414156	0.44932216	5.38E-05	0.013116	0.24406
16w_SITTE12	0.04438863	0.26571682	5.25E-05	0.0047605	-0.031751
16w_SITTE12	0.03064388	0.18089797	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.02922718	0.17215553	4.51E-05	0.0047064	-0.1231
16w_SITTE12	0.0755681	0.45812532	5.23E-05	0.013721	0.23858

16w_SITTE12	0.01370303	0.07635598	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.01888622	0.10834146	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.041379	0.24714439	5.05E-05	0.0046492	-0.054504
16w_SITTE12	0.03088709	0.18239881	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.08890519	0.5404285	4.84E-05	0.0094274	-0.3844
16w_SITTE12	0.04244778	0.25373986	5.13E-05	0.0046879	-0.04643
16w_SITTE12	0.02075447	0.11987042	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.0278012	0.16335578	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.02253312	0.13084652	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.05829045	0.35150498	6.34E-05	0.0065282	0.06315
16w_SITTE12	0.01124324	0.06117661	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.01700412	0.09672698	4.03E-05	0.005729	0.063215
16w_SITTE12	0.05001737	0.3004518	5.78E-05	0.0052091	0.0010449
16w_SITTE12	0.02387453	0.1391243	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.01139728	0.06212721	3.74E-05	0.0065941	0.263
16w_SITTE12	0.06591494	0.3985557	6.16E-05	0.0091463	0.17407
16w_SITTE12	0.08193671	0.49742606	4.81E-05	0.013778	0.078055
16w_SITTE12	0.09128168	0.5550938	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.04563089	0.27338284	5.39E-05	0.0048522	-0.024952
16w_SITTE12	0.07149021	0.4329607	5.65E-05	0.011849	0.2386
16w_SITTE12	0.02697601	0.15826355	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.02653922	0.15556815	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.02295346	0.13344043	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.03449377	0.20465566	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.01611554	0.09124359	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.00691806	0.03448593	3.47E-05	0.0076096	0.48124
16w_SITTE12	0.08349524	0.5070437	4.77E-05	0.013036	-0.0045591
16w_SITTE12	0.09207711	0.56000245	4.96E-05	0.0076529	-0.6503
16w_SITTE12	0.02599886	0.15223356	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.01441248	0.08073399	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.09009846	0.54779214	4.88E-05	0.0086895	-0.47194
16w_SITTE12	0.01994669	0.11488564	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.01365973	0.0760888	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.02386218	0.1390481	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.02067616	0.11938714	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.08129178	0.4934462	4.83E-05	0.013957	0.10139
16w_SITTE12	0.01743004	0.09935535	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02689879	0.15778701	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.03788531	0.22558486	4.84E-05	0.0045696	-0.080425
16w_SITTE12	0.02568925	0.15032297	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.0139994	0.07818487	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.06847494	0.41435346	5.93E-05	0.010465	0.20551
16w_SITTE12	0.06806748	0.41183907	5.98E-05	0.010192	0.20551

16w_SITTE12	0.07991353	0.48494104	4.90E-05	0.014278	0.15946
16w_SITTE12	0.07996657	0.4852683	4.90E-05	0.014278	0.14202
16w_SITTE12	0.04129701	0.24663843	5.05E-05	0.0046492	-0.054504
16w_SITTE12	0.01320513	0.07328347	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.04479385	0.26821744	5.30E-05	0.0047888	-0.031751
16w_SITTE12	0.08321972	0.5053435	4.78E-05	0.013315	-0.0045591
16w_SITTE12	0.07092756	0.4294886	5.71E-05	0.011574	0.23476
16w_SITTE12	0.00932542	0.04934176	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.06501866	0.39302477	6.20E-05	0.0089013	0.15715
16w_SITTE12	0.02389979	0.13928021	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.03062511	0.18078215	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.01218168	0.06696773	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.01392395	0.07771929	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.04061419	0.24242477	4.99E-05	0.0046177	-0.058715
16w_SITTE12	0.07027473	0.42545995	5.76E-05	0.011297	0.23016
16w_SITTE12	0.01230686	0.06774022	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.07264816	0.44010642	5.49E-05	0.012637	0.24373
16w_SITTE12	0.10178622	0.61991733	5.66E-05	0.0039398	-1.303
16w_SITTE12	0.10112257	0.615822	5.62E-05	0.0040352	-1.2808
16w_SITTE12	0.06657819	0.40264866	6.12E-05	0.0093985	0.18233
16w_SITTE12	0.06041758	0.3646315	6.38E-05	0.0070986	0.087064
16w_SITTE12	0.01659421	0.09419748	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.01515989	0.08534626	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.02546838	0.14895996	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.01289602	0.07137595	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.01181307	0.06469306	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01040037	0.05597524	3.68E-05	0.0068	0.30902
16w_SITTE12	0.09708966	0.5909349	5.32E-05	0.0050496	-1.03
16w_SITTE12	0.02085705	0.12050347	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.07453059	0.45172292	5.33E-05	0.013335	0.24193
16w_SITTE12	0.09154607	0.5567254	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.10113324	0.6158878	5.62E-05	0.0040352	-1.2808
16w_SITTE12	0.03827958	0.22801788	4.87E-05	0.0045758	-0.080425
16w_SITTE12	0.01134441	0.06180091	3.71E-05	0.0066957	0.263
16w_SITTE12	0.01466981	0.08232197	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.09738897	0.5927819	5.32E-05	0.0050496	-1.0673
16w_SITTE12	0.06468868	0.39098847	6.24E-05	0.0086643	0.14863
16w_SITTE12	0.08179627	0.49655938	4.83E-05	0.013957	0.078055
16w_SITTE12	0.01931472	0.11098573	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.08150993	0.49479237	4.83E-05	0.013957	0.10139
16w_SITTE12	0.01368214	0.07622707	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.00801336	0.04124504	3.53E-05	0.0073641	0.43054
16w_SITTE12	0.0118582	0.06497151	3.74E-05	0.0065941	0.263

16w_SITTE12	0.07636605	0.46304953	5.18E-05	0.013885	0.22792
16w_SITTE12	0.02226871	0.12921481	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.09949524	0.6057797	5.49E-05	0.0043938	-1.2008
16w_SITTE12	0.06176559	0.37295005	6.36E-05	0.0076138	0.10802
16w_SITTE12	0.08183239	0.49678233	4.81E-05	0.013778	0.078055
16w_SITTE12	0.01703661	0.0969275	4.03E-05	0.005729	0.063215
16w_SITTE12	0.01579541	0.08926807	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.03614398	0.2148391	4.77E-05	0.0045615	-0.096915
16w_SITTE12	0.01053044	0.05677789	3.68E-05	0.0068	0.30902
16w_SITTE12	0.0331455	0.19633546	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.02370531	0.13808009	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.06509237	0.39347962	6.20E-05	0.0089013	0.15715
16w_SITTE12	0.02982618	0.17585197	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.03055771	0.18036623	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.08469652	0.5144568	4.76E-05	0.012404	-0.069378
16w_SITTE12	0.08710104	0.5292951	4.78E-05	0.010952	-0.25808
16w_SITTE12	0.01735455	0.0988895	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.0331567	0.19640462	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.07022571	0.42515746	5.76E-05	0.011297	0.23016
16w_SITTE12	0.02855613	0.16801447	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.03157979	0.1866735	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01823388	0.10431586	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01448867	0.08120414	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02699287	0.15836763	4.44E-05	0.004813	-0.11816
16w_SITTE12	0.01150694	0.06280393	3.74E-05	0.0065941	0.263
16w_SITTE12	0.07051915	0.42696828	5.71E-05	0.011574	0.23016
16w_SITTE12	0.08042705	0.48810995	4.87E-05	0.014207	0.14202
16w_SITTE12	0.01440442	0.08068427	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.07808002	0.47362643	5.01E-05	0.014289	0.20103
16w_SITTE12	0.08431971	0.5121315	4.76E-05	0.012731	-0.069378
16w_SITTE12	0.0331249	0.19620834	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.0169347	0.09629864	4.03E-05	0.005729	0.063215
16w_SITTE12	0.08234644	0.4999545	4.81E-05	0.013778	0.05262
16w_SITTE12	0.0291754	0.17183597	4.51E-05	0.0047064	-0.1231
16w_SITTE12	0.01171423	0.06408307	3.74E-05	0.0065941	0.263
16w_SITTE12	0.05012797	0.3011343	5.78E-05	0.0052091	0.0010449
16w_SITTE12	0.07193124	0.43568233	5.60E-05	0.012118	0.24161
16w_SITTE12	0.01798086	0.1027545	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.00983712	0.05249947	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.01221753	0.06718895	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.01188942	0.06516422	3.74E-05	0.0065941	0.24064
16w_SITTE12	0.06566373	0.3970055	6.16E-05	0.0091463	0.16566
16w_SITTE12	0.02857808	0.16814993	4.49E-05	0.0047302	-0.12174

16w_SITTE12	0.03420411	0.20286813	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.02717107	0.1594673	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.09241661	0.56209755	4.99E-05	0.0073308	-0.69483
16w_SITTE12	0.02682798	0.1573501	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.0230894	0.13427931	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.01779717	0.10162092	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01942563	0.11167013	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.02854572	0.16795024	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01421893	0.07953963	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.07347843	0.44523	5.43E-05	0.012883	0.24502
16w_SITTE12	0.07831172	0.47505623	5.01E-05	0.014289	0.18889
16w_SITTE12	0.08233716	0.4998972	4.81E-05	0.013778	0.05262
16w_SITTE12	0.06593812	0.39869878	6.16E-05	0.0091463	0.17407
16w_SITTE12	0.02960676	0.1744979	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.07397993	0.44832477	5.38E-05	0.013116	0.24502
16w_SITTE12	0.02328001	0.13545556	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.09105248	0.55367947	4.93E-05	0.0079874	-0.56091
16w_SITTE12	0.01907074	0.10948015	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.02315992	0.13471445	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.08344404	0.5067278	4.77E-05	0.013036	-0.0045591
16w_SITTE12	0.01688736	0.09600648	4.03E-05	0.005729	0.063215
16w_SITTE12	0.02264006	0.13150643	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.09458274	0.5754647	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.00675106	0.0334554	3.47E-05	0.0076096	0.48124
16w_SITTE12	0.01443226	0.08085606	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.03112355	0.18385807	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.02687986	0.15767024	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.01668963	0.09478626	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.09012765	0.5479723	4.88E-05	0.0086895	-0.47194
16w_SITTE12	0.08036123	0.48770377	4.87E-05	0.014207	0.14202
16w_SITTE12	0.00458863	0.02011104	3.35E-05	0.0081345	0.58516
16w_SITTE12	0.07560187	0.45833376	5.23E-05	0.013721	0.23858
16w_SITTE12	0.01108002	0.0601694	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.02456817	0.14340477	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.01718782	0.09786061	4.03E-05	0.005729	0.063215
16w_SITTE12	0.03206343	0.18965805	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.03802291	0.22643395	4.87E-05	0.0045758	-0.080425
16w_SITTE12	0.02264316	0.13152556	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.00687843	0.03424136	3.47E-05	0.0076096	0.48124
16w_SITTE12	0.01936326	0.11128525	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.02516807	0.14710675	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.06000663	0.36209553	6.37E-05	0.0069445	0.087064
16w_SITTE12	0.03204245	0.18952857	4.62E-05	0.0046026	-0.11821

16w_SITTE12	0.03423571	0.20306318	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.09287935	0.564953	5.02E-05	0.0070215	-0.69483
16w_SITTE12	0.02104442	0.1216597	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.01852593	0.10611812	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.01519587	0.08556833	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.0897193	0.5454524	4.86E-05	0.0090548	-0.47194
16w_SITTE12	0.08683378	0.5276458	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.00976681	0.05206555	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.02719795	0.15963316	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.02212331	0.12831755	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.0455742	0.27303302	5.39E-05	0.0048522	-0.024952
16w_SITTE12	0.01430627	0.08007859	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02894208	0.17039618	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.01878401	0.10771073	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.02148593	0.12438426	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01594195	0.09017234	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01463183	0.08208763	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.08088667	0.49094626	4.85E-05	0.0141	0.12269
16w_SITTE12	0.02652319	0.15546918	4.42E-05	0.0048445	-0.11546
16w_SITTE12	0.08373797	0.5085416	4.77E-05	0.013036	-0.036078
16w_SITTE12	0.04102406	0.2449541	5.02E-05	0.0046325	-0.058715
16w_SITTE12	0.02092228	0.12090596	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.01012687	0.05428748	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.02320454	0.13498984	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.05017693	0.30143642	5.78E-05	0.0052091	0.0010449
16w_SITTE12	0.03425063	0.20315525	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.02859284	0.16824102	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01240378	0.06833831	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.05816929	0.3507573	6.34E-05	0.0065282	0.06315
16w_SITTE12	0.05917291	0.35695067	6.37E-05	0.0067983	0.074574
16w_SITTE12	0.09019601	0.5483942	4.88E-05	0.0086895	-0.51631
16w_SITTE12	0.01761416	0.10049155	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01527572	0.08606102	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01727689	0.0984103	4.03E-05	0.005729	0.046584
16w_SITTE12	0.0123984	0.06830514	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.01524167	0.0858509	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01560321	0.08808199	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.02008548	0.11574212	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.03437267	0.20390835	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.00783121	0.040121	3.53E-05	0.0073641	0.43054
16w_SITTE12	0.03637634	0.21627297	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.08777597	0.5334601	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.02805385	0.16491494	4.48E-05	0.0047558	-0.12024

16w_SITTE12	0.01143486	0.06235913	3.74E-05	0.0065941	0.263
16w_SITTE12	0.05303829	0.31909388	6.01E-05	0.0055357	0.022172
16w_SITTE12	0.05102427	0.3066654	5.87E-05	0.0053288	0.0077602
16w_SITTE12	0.01150545	0.06279471	3.74E-05	0.0065941	0.263
16w_SITTE12	0.0883618	0.5370753	4.82E-05	0.0098057	-0.3415
16w_SITTE12	0.02294845	0.13340952	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.06688453	0.40453908	6.07E-05	0.0096573	0.18233
16w_SITTE12	0.02146404	0.1242492	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01227648	0.06755274	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.08829865	0.5366855	4.80E-05	0.010188	-0.3415
16w_SITTE12	0.01552628	0.08760724	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.0101784	0.05460551	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.00883146	0.04629352	3.59E-05	0.00713	0.38094
16w_SITTE12	0.02029743	0.11705003	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.04209009	0.25153255	5.09E-05	0.0046676	-0.0504
16w_SITTE12	0.02267689	0.1317337	4.28E-05	0.005125	-0.077142
16w_SITTE12	0.08606105	0.52287734	4.76E-05	0.0117	-0.17867
16w_SITTE12	0.01771919	0.10113971	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.03488012	0.20703982	4.72E-05	0.0045646	-0.10426
16w_SITTE12	0.08977999	0.5458269	4.86E-05	0.0090548	-0.47194
16w_SITTE12	0.03180127	0.18804021	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01439983	0.08065596	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01297733	0.07187769	3.80E-05	0.0063994	0.19734
16w_SITTE12	0.05993679	0.36166456	6.37E-05	0.0069445	0.080679
16w_SITTE12	0.01707251	0.09714902	4.03E-05	0.005729	0.063215
16w_SITTE12	0.06875296	0.41606912	5.93E-05	0.010465	0.21248
16w_SITTE12	0.02459963	0.14359893	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02559595	0.1497472	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.02840862	0.1671042	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.09225118	0.56107664	4.99E-05	0.0073308	-0.6503
16w_SITTE12	0.01794935	0.10256004	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01903022	0.10923006	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.0102699	0.05517015	3.65E-05	0.0069072	0.30902
16w_SITTE12	0.08972886	0.54551136	4.86E-05	0.0090548	-0.47194
16w_SITTE12	0.01378156	0.07684062	3.86E-05	0.0062156	0.17645
16w_SITTE12	0.03237606	0.19158724	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.02250513	0.13067377	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.093351	0.5678636	5.06E-05	0.0067258	-0.73907
16w_SITTE12	0.02448642	0.14290033	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.08176906	0.49639148	4.83E-05	0.013957	0.078055
16w_SITTE12	0.02736297	0.16065146	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.01821281	0.10418584	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.02203772	0.12778936	4.26E-05	0.0051742	-0.059109

16w_SITTE12	0.04965003	0.29818496	5.73E-05	0.0051543	-0.0022352
16w_SITTE12	0.0230601	0.13409849	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.01019325	0.05469715	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.01435489	0.08037859	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.02706336	0.15880257	4.44E-05	0.004813	-0.11816
16w_SITTE12	0.00731531	0.03693734	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.08758023	0.5322522	4.79E-05	0.010571	-0.29935
16w_SITTE12	0.03881969	0.23135088	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.02843621	0.16727445	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.09998283	0.6087886	5.53E-05	0.004262	-1.2296
16w_SITTE12	0.04781403	0.28685498	5.58E-05	0.0050083	-0.01192
16w_SITTE12	0.01488351	0.08364075	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.07654971	0.46418288	5.13E-05	0.014025	0.22792
16w_SITTE12	0.02900543	0.17078713	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.08857676	0.5384018	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.06601702	0.39918566	6.16E-05	0.0091463	0.17407
16w_SITTE12	0.02192812	0.12711301	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01240259	0.06833094	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.01221274	0.06715938	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.06613649	0.39992288	6.12E-05	0.0093985	0.17407
16w_SITTE12	0.01879951	0.10780636	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.08945604	0.54382783	4.86E-05	0.0090548	-0.42792
16w_SITTE12	0.08626372	0.524128	4.77E-05	0.01133	-0.17867
16w_SITTE12	0.03529953	0.20962799	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.08024271	0.48697236	4.87E-05	0.014207	0.14202
16w_SITTE12	0.01104438	0.05994943	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.02514023	0.14693496	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.00885019	0.0464091	3.59E-05	0.00713	0.38094
16w_SITTE12	0.01526742	0.08600981	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.02108767	0.12192659	4.21E-05	0.0052798	-0.04878
16w_SITTE12	0.01500548	0.0843934	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.03840689	0.22880352	4.87E-05	0.0045758	-0.076088
16w_SITTE12	0.02268342	0.13177396	4.28E-05	0.005125	-0.077142
16w_SITTE12	0.01585804	0.08965455	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01687899	0.09595485	4.03E-05	0.005729	0.063215
16w_SITTE12	0.0154779	0.08730868	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.03098327	0.18299235	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.0152165	0.0856956	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.01141002	0.06220581	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01680708	0.09551109	4.03E-05	0.005729	0.063215
16w_SITTE12	0.08678607	0.52735144	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.08522864	0.51774055	4.76E-05	0.012059	-0.10433
16w_SITTE12	0.08762825	0.53254855	4.79E-05	0.010571	-0.29935

16w_SITTE12	0.00838696	0.0435505	3.56E-05	0.0072456	0.40559
16w_SITTE12	0.02069154	0.11948212	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.08975406	0.5456669	4.86E-05	0.0090548	-0.47194
16w_SITTE12	0.07884398	0.47834083	4.97E-05	0.014318	0.17506
16w_SITTE12	0.05263826	0.3166253	6.01E-05	0.0055357	0.018414
16w_SITTE12	0.04158054	0.24838813	5.05E-05	0.0046492	-0.0504
16w_SITTE12	0.07544315	0.45735428	5.23E-05	0.013721	0.23858
16w_SITTE12	0.10276474	0.6259558	5.74E-05	0.0037844	-1.3397
16w_SITTE12	0.03092183	0.1826132	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.02685616	0.15752399	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.03243412	0.19194554	4.62E-05	0.0046026	-0.11603
16w_SITTE12	0.02285355	0.13282387	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.06750037	0.40833938	6.03E-05	0.009922	0.19812
16w_SITTE12	0.01920275	0.11029477	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.01316437	0.07303192	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.09061567	0.5509839	4.91E-05	0.0083333	-0.51631
16w_SITTE12	0.00761372	0.03877888	3.53E-05	0.0073641	0.43054
16w_SITTE12	0.03023973	0.17840396	4.55E-05	0.0046645	-0.12245
16w_SITTE12	0.02116117	0.12238015	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.01762939	0.10058554	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.00958973	0.0509728	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.01217997	0.06695718	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.0190919	0.1096107	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.02255253	0.13096629	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.03413565	0.2024457	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.02033997	0.11731257	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.03535158	0.20994921	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.09024149	0.5486748	4.88E-05	0.0086895	-0.51631
16w_SITTE12	0.07672215	0.46524698	5.13E-05	0.014025	0.22047
16w_SITTE12	0.08895416	0.5407307	4.84E-05	0.0094274	-0.3844
16w_SITTE12	0.09217746	0.5606217	4.99E-05	0.0073308	-0.6503
16w_SITTE12	0.02544623	0.14882328	4.38E-05	0.0049138	-0.10813
16w_SITTE12	0.00954052	0.0506691	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.05570494	0.3355498	6.21E-05	0.005966	0.043089
16w_SITTE12	0.02624825	0.15377256	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.02802275	0.16472301	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.01693121	0.09627706	4.03E-05	0.005729	0.063215
16w_SITTE12	0.0145292	0.08145429	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.03640013	0.21641979	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.00552838	0.02591022	3.41E-05	0.0078664	0.53284
16w_SITTE12	0.04007127	0.23907441	4.95E-05	0.0046046	-0.063007
16w_SITTE12	0.03551126	0.21093458	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.01984061	0.11423097	4.16E-05	0.0053955	-0.012659

16w_SITTE12	0.07164186	0.43389654	5.60E-05	0.012118	0.2386
16w_SITTE12	0.02481512	0.1449287	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02033985	0.1173118	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.08785996	0.5339784	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.07993867	0.48509613	4.90E-05	0.014278	0.14202
16w_SITTE12	0.0903098	0.54909635	4.88E-05	0.0086895	-0.51631
16w_SITTE12	0.00833618	0.04323717	3.56E-05	0.0072456	0.40559
16w_SITTE12	0.00913919	0.04819254	3.59E-05	0.00713	0.38094
16w_SITTE12	0.01684673	0.09575578	4.03E-05	0.005729	0.063215
16w_SITTE12	0.03085109	0.18217668	4.57E-05	0.0046464	-0.12145
16w_SITTE12	0.05313306	0.31967872	6.05E-05	0.0056127	0.022172
16w_SITTE12	0.01058581	0.05711961	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01560782	0.08811043	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.0193909	0.11145585	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.03050761	0.18005703	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.02501487	0.14616135	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.01304418	0.07229022	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.07582001	0.45967993	5.23E-05	0.013721	0.23393
16w_SITTE12	0.07882836	0.47824442	4.97E-05	0.014318	0.18889
16w_SITTE12	0.01493177	0.08393853	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.07650418	0.4639019	5.13E-05	0.014025	0.22792
16w_SITTE12	0.01909489	0.10962914	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.02324163	0.13521871	4.30E-05	0.0050782	-0.084895
16w_SITTE12	0.03785515	0.22539875	4.84E-05	0.0045696	-0.080425
16w_SITTE12	0.07462959	0.4523338	5.33E-05	0.013335	0.24193
16w_SITTE12	0.01523016	0.08577989	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.08286496	0.5031542	4.79E-05	0.013563	0.02505
16w_SITTE12	0.01482279	0.08326602	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.06679468	0.40398458	6.07E-05	0.0096573	0.18233
16w_SITTE12	0.04336076	0.25937387	5.21E-05	0.0047343	-0.038876
16w_SITTE12	0.02087564	0.12061819	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.02967021	0.17488948	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.02953214	0.17403743	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.01861694	0.10667975	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.02359085	0.13737375	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.04145076	0.24758725	5.05E-05	0.0046492	-0.054504
16w_SITTE12	0.0232318	0.13515806	4.30E-05	0.0050782	-0.084895
16w_SITTE12	0.02482783	0.14500713	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.03254965	0.1926585	4.64E-05	0.0045915	-0.11603
16w_SITTE12	0.09145196	0.55614465	4.93E-05	0.0079874	-0.60562
16w_SITTE12	0.00956273	0.05080618	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.02636676	0.15450388	4.42E-05	0.0048445	-0.11213
16w_SITTE12	0.04076221	0.24333818	5.02E-05	0.0046325	-0.058715

16w_SITTE12	0.08221563	0.49914727	4.81E-05	0.013778	0.05262
16w_SITTE12	0.09553868	0.5813638	5.20E-05	0.0056833	-0.91061
16w_SITTE12	0.02090276	0.12078555	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.01130747	0.06157299	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.01130187	0.06153841	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.016663	0.09462193	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.02349754	0.13679792	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01074526	0.05810358	3.68E-05	0.0068	0.30902
16w_SITTE12	0.02510449	0.1467144	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.02252246	0.13078067	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.02357577	0.1372807	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.0748955	0.45397475	5.28E-05	0.013537	0.24193
16w_SITTE12	0.08678834	0.52736545	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.04646178	0.27851027	5.44E-05	0.0048874	-0.018376
16w_SITTE12	0.02137265	0.1236852	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02486772	0.14525327	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.0091802	0.0484456	3.59E-05	0.00713	0.35661
16w_SITTE12	0.01219967	0.06707873	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.08658917	0.5261364	4.77E-05	0.01133	-0.21781
16w_SITTE12	0.07551091	0.45777246	5.23E-05	0.013721	0.23858
16w_SITTE12	0.03715451	0.2210751	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.01503643	0.0845844	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.01067231	0.05765344	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01805677	0.10322289	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01544926	0.08713199	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.07743982	0.46967575	5.09E-05	0.014141	0.21153
16w_SITTE12	0.02265209	0.13158067	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.01615345	0.0914775	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01043795	0.0562072	3.68E-05	0.0068	0.30902
16w_SITTE12	0.03773644	0.22466616	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.01144654	0.06243116	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01955782	0.11248587	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.01872859	0.10736875	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.08689858	0.5280457	4.78E-05	0.010952	-0.21781
16w_SITTE12	0.07155787	0.43337825	5.60E-05	0.012118	0.2386
16w_SITTE12	0.06539086	0.39532158	6.20E-05	0.0089013	0.16566
16w_SITTE12	0.07799246	0.4730861	5.05E-05	0.014229	0.20103
16w_SITTE12	0.01443673	0.08088362	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.09652222	0.5874332	5.28E-05	0.0052469	-0.99133
16w_SITTE12	0.04351312	0.26031405	5.21E-05	0.0047343	-0.038876
16w_SITTE12	0.09425478	0.57344085	5.09E-05	0.0064439	-0.82618
16w_SITTE12	0.09292337	0.5652247	5.02E-05	0.0070215	-0.73907
16w_SITTE12	0.08786985	0.53403944	4.80E-05	0.010188	-0.29935

16w_SITTE12	0.08196976	0.49763	4.81E-05	0.013778	0.078055
16w_SITTE12	0.09227947	0.5612512	4.99E-05	0.0073308	-0.6503
16w_SITTE12	0.02780071	0.16335279	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.00612362	0.02958342	3.44E-05	0.0077366	0.50694
16w_SITTE12	0.07387123	0.44765398	5.38E-05	0.013116	0.24502
16w_SITTE12	0.08155163	0.49504974	4.83E-05	0.013957	0.078055
16w_SITTE12	0.03231695	0.1912225	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.02766222	0.16249815	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.01579732	0.08927988	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01958037	0.11262508	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.07685711	0.46607986	5.13E-05	0.014025	0.22047
16w_SITTE12	0.08558692	0.51995146	4.76E-05	0.012059	-0.14081
16w_SITTE12	0.01976025	0.11373512	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.01274681	0.07045515	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.03023359	0.17836608	4.55E-05	0.0046645	-0.12245
16w_SITTE12	0.0237279	0.13821949	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.02081513	0.12024476	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.02366816	0.13785085	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.08922549	0.54240507	4.84E-05	0.0094274	-0.42792
16w_SITTE12	0.0374258	0.22274922	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.06793077	0.41099542	5.98E-05	0.010192	0.19812
16w_SITTE12	0.08927532	0.5427126	4.84E-05	0.0094274	-0.42792
16w_SITTE12	0.02151327	0.12455297	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.08790799	0.53427476	4.80E-05	0.010188	-0.29935
16w_SITTE12	0.00564334	0.02661966	3.41E-05	0.0078664	0.53284
16w_SITTE12	0.03120859	0.18438284	4.58E-05	0.00463	-0.12145
16w_SITTE12	0.00514058	0.02351709	3.38E-05	0.0079991	0.55892
16w_SITTE12	0.01947549	0.11197785	4.14E-05	0.0054571	-0.012659
16w_SITTE12	0.04802017	0.2881271	5.58E-05	0.0050083	-0.01192
16w_SITTE12	0.02981838	0.17580381	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.02357075	0.13724971	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01043214	0.05617132	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01191336	0.06531194	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.02331052	0.13564384	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.0740137	0.44853318	5.38E-05	0.013116	0.24406
16w_SITTE12	0.01334592	0.07415228	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.01601479	0.09062188	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.0363855	0.21632953	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.01752688	0.099953	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.07177696	0.4347302	5.60E-05	0.012118	0.2386
16w_SITTE12	0.01597963	0.09040485	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01830436	0.10475082	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.09232348	0.5615228	4.99E-05	0.0073308	-0.6503

16w_SITTE12	0.02654858	0.15562586	4.44E-05	0.004813	-0.11546
16w_SITTE12	0.08297468	0.5038313	4.78E-05	0.013315	0.02505
16w_SITTE12	0.0300267	0.1770894	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.01945338	0.1118414	4.14E-05	0.0054571	-0.012659
16w_SITTE12	0.02725508	0.15998569	4.46E-05	0.0047834	-0.11816
16w_SITTE12	0.0622824	0.37613925	6.36E-05	0.0076138	0.11565
16w_SITTE12	0.02167572	0.12555544	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.02993637	0.17653193	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.08616743	0.5235338	4.77E-05	0.01133	-0.17867
16w_SITTE12	0.03166789	0.18721718	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.09644602	0.586963	5.28E-05	0.0052469	-0.99133
16w_SITTE12	0.02073284	0.11973692	4.21E-05	0.0052798	-0.037579
16w_SITTE12	0.02111255	0.12208013	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.04921117	0.2954767	5.68E-05	0.0051026	-0.0022352
16w_SITTE12	0.01968381	0.11326338	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.096731	0.5887216	5.28E-05	0.0052469	-1.03
16w_SITTE12	0.0713982	0.4323929	5.65E-05	0.011849	0.2386
16w_SITTE12	0.08516989	0.517378	4.76E-05	0.012059	-0.10433
16w_SITTE12	0.01605221	0.09085277	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01315201	0.07295562	3.83E-05	0.0063061	0.19734
16w_SITTE12	0.02848736	0.16759007	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01462513	0.08204623	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.00904229	0.04759453	3.59E-05	0.00713	0.38094
16w_SITTE12	0.08757558	0.53222346	4.79E-05	0.010571	-0.29935
16w_SITTE12	0.02385174	0.13898368	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.10393065	0.63315064	5.82E-05	0.0036742	-1.3662
16w_SITTE12	0.01003846	0.0537419	3.65E-05	0.0069072	0.33263
16w_SITTE12	0.01857123	0.10639767	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.01559481	0.08803016	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.08184625	0.49686784	4.81E-05	0.013778	0.078055
16w_SITTE12	0.0285136	0.16775204	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.07370172	0.44660792	5.38E-05	0.013116	0.24502
16w_SITTE12	0.02175214	0.12602705	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01922176	0.11041209	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.0971769	0.5914732	5.32E-05	0.0050496	-1.03
16w_SITTE12	0.0306409	0.18087958	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.0366688	0.21807773	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.01835473	0.10506164	4.09E-05	0.0055879	0.015459
16w_SITTE12	0.01456031	0.08164625	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01766166	0.10078467	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01213033	0.06665083	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.02216205	0.12855661	4.26E-05	0.0051742	-0.068556
16w_SITTE12	0.01662597	0.09439342	4.00E-05	0.0058035	0.080526

16w_SITTE12	0.0611645	0.36924076	6.38E-05	0.0072613	0.10072
16w_SITTE12	0.02210697	0.12821668	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01873205	0.10739005	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.01428123	0.07992403	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.01811579	0.10358711	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.01697696	0.09655938	4.03E-05	0.005729	0.063215
16w_SITTE12	0.02328127	0.1354633	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.01764756	0.10069768	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01981575	0.11407758	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.03466231	0.20569573	4.72E-05	0.0045646	-0.10426
16w_SITTE12	0.01814212	0.1037496	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.00971377	0.05173824	3.62E-05	0.0070172	0.33263
16w_SITTE12	0.02374861	0.1383473	4.32E-05	0.0050338	-0.091842
16w_SITTE12	0.03024242	0.17842059	4.55E-05	0.0046645	-0.12245
16w_SITTE12	0.08210538	0.49846694	4.81E-05	0.013778	0.05262
16w_SITTE12	0.03259346	0.19292887	4.64E-05	0.0045915	-0.11603
16w_SITTE12	0.01625426	0.09209962	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.01773919	0.10126316	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.09584845	0.5832754	5.20E-05	0.0056833	-0.9515
16w_SITTE12	0.04100797	0.24485478	5.02E-05	0.0046325	-0.058715
16w_SITTE12	0.02441569	0.14246385	4.36E-05	0.0049516	-0.098011
16w_SITTE12	0.02344843	0.13649485	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.02918867	0.17191786	4.51E-05	0.0047064	-0.1231
16w_SITTE12	0.08758675	0.5322924	4.79E-05	0.010571	-0.29935
16w_SITTE12	0.03838898	0.22869296	4.87E-05	0.0045758	-0.076088
16w_SITTE12	0.0227987	0.13248539	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.01865061	0.10688748	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.04088914	0.2441215	5.02E-05	0.0046325	-0.058715
16w_SITTE12	0.03630912	0.21585818	4.79E-05	0.0045625	-0.092976
16w_SITTE12	0.0227409	0.13212869	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.04889336	0.2935155	5.68E-05	0.0051026	-0.0054808
16w_SITTE12	0.02972585	0.17523283	4.53E-05	0.0046846	-0.12301
16w_SITTE12	0.00626231	0.03043932	3.44E-05	0.0077366	0.50694
16w_SITTE12	0.08958971	0.5446527	4.86E-05	0.0090548	-0.42792
16w_SITTE12	0.00929144	0.04913206	3.62E-05	0.0070172	0.35661
16w_SITTE12	0.01051413	0.05667727	3.68E-05	0.0068	0.30902
16w_SITTE12	0.01141815	0.06225602	3.74E-05	0.0065941	0.263
16w_SITTE12	0.06590048	0.3984665	6.16E-05	0.0091463	0.17407
16w_SITTE12	0.093876	0.5711034	5.09E-05	0.0064439	-0.7829
16w_SITTE12	0.02022943	0.1166304	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.03145614	0.18591046	4.60E-05	0.0046154	-0.12002
16w_SITTE12	0.01141454	0.06223374	3.74E-05	0.0065941	0.263
16w_SITTE12	0.03391346	0.20107454	4.68E-05	0.0045746	-0.11071

16w_SITTE12	0.02308405	0.13424626	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.05187053	0.31188765	5.92E-05	0.0053939	0.014768
16w_SITTE12	0.05743515	0.34622693	6.32E-05	0.0064035	0.057806
16w_SITTE12	0.09814379	0.5974399	5.40E-05	0.0046955	-1.1032
16w_SITTE12	0.0955311	0.581317	5.20E-05	0.0056833	-0.91061
16w_SITTE12	0.01133429	0.06173848	3.71E-05	0.0066957	0.263
16w_SITTE12	0.01920695	0.1103207	4.14E-05	0.0054571	0.0010121
16w_SITTE12	0.01830147	0.10473295	4.09E-05	0.0055879	0.030658
16w_SITTE12	0.0222265	0.12895434	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.07439437	0.45088226	5.33E-05	0.013335	0.24406
16w_SITTE12	0.07032984	0.42580006	5.76E-05	0.011297	0.23016
16w_SITTE12	0.06945665	0.42041162	5.82E-05	0.011019	0.21895
16w_SITTE12	0.00876182	0.04586377	3.59E-05	0.00713	0.38094
16w_SITTE12	0.03345784	0.19826292	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.03342437	0.19805638	4.66E-05	0.0045822	-0.11352
16w_SITTE12	0.01631232	0.09245793	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.02946284	0.17360978	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.09477511	0.5766518	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.0238451	0.13894269	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.02029424	0.11703034	4.19E-05	0.0053364	-0.025531
16w_SITTE12	0.05339146	0.3212733	6.05E-05	0.0056127	0.022172
16w_SITTE12	0.01122284	0.06105071	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.0174682	0.09959083	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02331347	0.13566203	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.08114939	0.4925675	4.85E-05	0.0141	0.10139
16w_SITTE12	0.02485132	0.14515209	4.36E-05	0.0049516	-0.10343
16w_SITTE12	0.01761455	0.100494	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.02271165	0.13194819	4.28E-05	0.005125	-0.077142
16w_SITTE12	0.02808027	0.16507795	4.48E-05	0.0047558	-0.12174
16w_SITTE12	0.01726755	0.09835266	4.03E-05	0.005729	0.046584
16w_SITTE12	0.07994469	0.48513326	4.90E-05	0.014278	0.14202
16w_SITTE12	0.01668651	0.09476703	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.01510674	0.08501829	3.92E-05	0.0060428	0.11709
16w_SITTE12	0.05458004	0.32860807	6.14E-05	0.0057798	0.034245
16w_SITTE12	0.09462459	0.575723	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.02597821	0.15210615	4.40E-05	0.0048781	-0.11213
16w_SITTE12	0.08393619	0.5097648	4.77E-05	0.013036	-0.036078
16w_SITTE12	0.0899158	0.54666495	4.86E-05	0.0090548	-0.47194
16w_SITTE12	0.02523432	0.1475156	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.00882706	0.04626637	3.59E-05	0.00713	0.38094
16w_SITTE12	0.0253409	0.14817332	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.01445433	0.08099224	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.07619327	0.46198326	5.18E-05	0.013885	0.22792

16w_SITTE12	0.08859415	0.5385091	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.09950566	0.605844	5.49E-05	0.0043938	-1.2008
16w_SITTE12	0.01155811	0.06311969	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01617967	0.09163933	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.041642	0.24876738	5.05E-05	0.0046492	-0.0504
16w_SITTE12	0.03433055	0.20364845	4.70E-05	0.0045688	-0.10761
16w_SITTE12	0.08332957	0.5060214	4.78E-05	0.013315	-0.0045591
16w_SITTE12	0.01177881	0.06448163	3.74E-05	0.0065941	0.263
16w_SITTE12	0.01111709	0.06039815	3.71E-05	0.0066957	0.2858
16w_SITTE12	0.07308377	0.44279453	5.49E-05	0.012637	0.24489
16w_SITTE12	0.09711285	0.591078	5.32E-05	0.0050496	-1.03
16w_SITTE12	0.01288023	0.07127851	3.80E-05	0.0063994	0.21875
16w_SITTE12	0.03384478	0.20065075	4.68E-05	0.0045746	-0.11071
16w_SITTE12	0.02120773	0.12266749	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02703748	0.15864287	4.44E-05	0.004813	-0.11816
16w_SITTE12	0.01207335	0.06629925	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.08832063	0.5368212	4.82E-05	0.0098057	-0.3415
16w_SITTE12	0.01074703	0.05811451	3.68E-05	0.0068	0.30902
16w_SITTE12	0.03684579	0.21916993	4.81E-05	0.0045652	-0.088896
16w_SITTE12	0.02307892	0.13421461	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.08596517	0.52228564	4.76E-05	0.0117	-0.17867
16w_SITTE12	0.01717711	0.09779455	4.03E-05	0.005729	0.063215
16w_SITTE12	0.01486581	0.08353149	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.03239557	0.19170766	4.62E-05	0.0046026	-0.11603
16w_SITTE12	0.03062672	0.18079211	4.57E-05	0.0046464	-0.12245
16w_SITTE12	0.0230758	0.13419536	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.09458023	0.57544917	5.13E-05	0.0061762	-0.8688
16w_SITTE12	0.03767055	0.22425959	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.01194947	0.06553477	3.77E-05	0.0064954	0.24064
16w_SITTE12	0.01764033	0.10065308	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.0289139	0.1702223	4.51E-05	0.0047064	-0.12268
16w_SITTE12	0.01503659	0.08458538	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.08866256	0.53893125	4.82E-05	0.0098057	-0.3844
16w_SITTE12	0.09387818	0.57111686	5.09E-05	0.0064439	-0.7829
16w_SITTE12	0.02819462	0.16578358	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.01627316	0.09221628	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.01649943	0.09361259	4.00E-05	0.0058035	0.080526
16w_SITTE12	0.01433771	0.08027259	3.89E-05	0.0061278	0.1561
16w_SITTE12	0.08102088	0.49177444	4.85E-05	0.0141	0.10139
16w_SITTE12	0.07367119	0.44641954	5.43E-05	0.012883	0.24502
16w_SITTE12	0.02244036	0.13027404	4.28E-05	0.005125	-0.068556
16w_SITTE12	0.02385938	0.13903083	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.02427126	0.14157255	4.34E-05	0.0049916	-0.091842

16w_SITTE12	0.08352903	0.5072522	4.77E-05	0.013036	-0.0045591
16w_SITTE12	0.02427582	0.14160067	4.34E-05	0.0049916	-0.091842
16w_SITTE12	0.06368911	0.38482007	6.30E-05	0.008216	0.13178
16w_SITTE12	0.02944622	0.17350726	4.53E-05	0.0046846	-0.1231
16w_SITTE12	0.02122911	0.1227994	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.02536392	0.14831536	4.38E-05	0.0049138	-0.10343
16w_SITTE12	0.02777943	0.16322146	4.48E-05	0.0047558	-0.12024
16w_SITTE12	0.01482394	0.08327311	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.02548321	0.14905149	4.40E-05	0.0048781	-0.10813
16w_SITTE12	0.02318785	0.1348868	4.30E-05	0.0050782	-0.077142
16w_SITTE12	0.01607486	0.09099252	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.09434934	0.5740244	5.13E-05	0.0061762	-0.82618
16w_SITTE12	0.01504968	0.08466617	3.92E-05	0.0060428	0.1363
16w_SITTE12	0.02362909	0.13760972	4.32E-05	0.0050338	-0.084895
16w_SITTE12	0.02839537	0.16702245	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.05580865	0.33618975	6.24E-05	0.0060668	0.043089
16w_SITTE12	0.03185021	0.18834224	4.60E-05	0.0046154	-0.11821
16w_SITTE12	0.02843335	0.16725679	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.03022897	0.17833754	4.55E-05	0.0046645	-0.12301
16w_SITTE12	0.04346091	0.25999188	5.21E-05	0.0047343	-0.038876
16w_SITTE12	0.07829464	0.47495082	5.01E-05	0.014289	0.20103
16w_SITTE12	0.03550874	0.21091901	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.04002665	0.23879908	4.95E-05	0.0046046	-0.063007
16w_SITTE12	0.03206034	0.18963899	4.62E-05	0.0046026	-0.11821
16w_SITTE12	0.02149282	0.12442681	4.24E-05	0.0052258	-0.04878
16w_SITTE12	0.0172546	0.09827271	4.03E-05	0.005729	0.063215
16w_SITTE12	0.03739834	0.22257975	4.84E-05	0.0045696	-0.084703
16w_SITTE12	0.01548729	0.08736664	3.95E-05	0.0059603	0.11709
16w_SITTE12	0.00739818	0.03744873	3.50E-05	0.0074854	0.45576
16w_SITTE12	0.01881785	0.10791954	4.11E-05	0.0055212	0.015459
16w_SITTE12	0.03539389	0.2102103	4.74E-05	0.0045622	-0.10068
16w_SITTE12	0.02822571	0.16597544	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.06412349	0.38750067	6.27E-05	0.0084357	0.14015
16w_SITTE12	0.04177378	0.2495806	5.09E-05	0.0046676	-0.0504
16w_SITTE12	0.03860601	0.2300323	4.89E-05	0.0045836	-0.076088
16w_SITTE12	0.04562051	0.27331874	5.39E-05	0.0048522	-0.024952
16w_SITTE12	0.02177313	0.12615655	4.26E-05	0.0051742	-0.059109
16w_SITTE12	0.01773248	0.10122171	4.06E-05	0.0056572	0.046584
16w_SITTE12	0.01590101	0.08991971	3.98E-05	0.0058806	0.098494
16w_SITTE12	0.01975425	0.1136981	4.16E-05	0.0053955	-0.012659
16w_SITTE12	0.02818084	0.16569857	4.49E-05	0.0047302	-0.12174
16w_SITTE12	0.02572688	0.1505552	4.40E-05	0.0048781	-0.10813
0-SS2	0.02386477	0.13906412	4.34E-05	0.0049916	-0.091842

1-SS2	0.0139309	0.07776216	3.86E-05	0.0062156	0.17645
6-SS2	0.08421591	0.51149094	4.76E-05	0.012731	-0.036078
7-SS2	0.01816943	0.10391812	4.09E-05	0.0055879	0.030658
9-SS2	0.02068541	0.11944423	4.21E-05	0.0052798	-0.037579
11-SS2	0.01870273	0.10720915	4.11E-05	0.0055212	0.015459
19-SS2	0.01701349	0.09678482	4.03E-05	0.005729	0.063215
21-SS2	0.01939058	0.11145385	4.14E-05	0.0054571	0.0010121
29-SS2	0.01756097	0.10016336	4.06E-05	0.0056572	0.046584
34-SS2	0.09274449	0.5641208	5.02E-05	0.0070215	-0.69483
42-SS2	0.02332793	0.13575123	4.32E-05	0.0050338	-0.084895
46-SS2	0.01988101	0.11448031	4.16E-05	0.0053955	-0.012659
49-SS2	0.02003816	0.11545007	4.19E-05	0.0053364	-0.025531
51-SS2	0.01775506	0.10136109	4.06E-05	0.0056572	0.046584
58-SS2	0.02936392	0.17299937	4.53E-05	0.0046846	-0.1231
62-SS2	0.01647784	0.09347935	4.00E-05	0.0058035	0.080526
64-SS2	0.02034257	0.11732857	4.19E-05	0.0053364	-0.025531
66-SS2	0.0286902	0.1688418	4.49E-05	0.0047302	-0.12268
76-SS2	0.0055546	0.02607204	3.41E-05	0.0078664	0.53284
77-SS2	0.02361429	0.13751838	4.32E-05	0.0050338	-0.084895
78-SS2	0.01959389	0.11270852	4.16E-05	0.0053955	-0.012659
85-SS2	0.01184	0.0648592	3.74E-05	0.0065941	0.263
88-SS2	0.01606688	0.0909433	3.98E-05	0.0058806	0.098494
95-SS2	0.07279198	0.4409939	5.49E-05	0.012637	0.24373
101-SS2	0.01701441	0.09679049	4.03E-05	0.005729	0.063215
103-SS2	0.0158162	0.08939638	3.98E-05	0.0058806	0.098494
120-SS2	0.01478514	0.08303369	3.92E-05	0.0060428	0.1363
128-SS2	0.02052846	0.11847574	4.19E-05	0.0053364	-0.037579
136-SS2	0.04962424	0.2980258	5.73E-05	0.0051543	-0.0022352
137-SS2	0.06205418	0.37473094	6.36E-05	0.0076138	0.10802
142-SS2	0.02155881	0.12483401	4.24E-05	0.0052258	-0.04878
143-SS2	0.0087399	0.04572849	3.59E-05	0.00713	0.38094
144-SS2	0.00515381	0.02359872	3.38E-05	0.0079991	0.55892
146-SS2	0.01632365	0.09252786	4.00E-05	0.0058035	0.080526
148-SS2	0.02078119	0.12003531	4.21E-05	0.0052798	-0.037579
149-SS2	0.01762697	0.10057061	4.06E-05	0.0056572	0.046584
150-SS2	0.01970341	0.11338435	4.16E-05	0.0053955	-0.012659
151-SS2	0.01003004	0.05368995	3.65E-05	0.0069072	0.33263
155-SS2	0.01049548	0.0565622	3.68E-05	0.0068	0.30902
161-SS2	0.07961122	0.48307544	4.93E-05	0.014315	0.15946
162-SS2	0.0201112	0.11590081	4.19E-05	0.0053364	-0.025531
166-SS2	0.02921523	0.1720818	4.51E-05	0.0047064	-0.1231
169-SS2	0.01570059	0.08868291	3.98E-05	0.0058806	0.098494
173-SS2	0.01252696	0.06909844	3.80E-05	0.0063994	0.21875

174-SS2	0.01034722	0.05564728	3.68E-05	0.0068	0.30902
177-SS2	0.01603573	0.09075105	3.98E-05	0.0058806	0.098494
181-SS2	0.01096167	0.05943906	3.71E-05	0.0066957	0.2858
188-SS2	0.00563077	0.02654205	3.41E-05	0.0078664	0.53284
195-SS2	0.01436998	0.08047172	3.89E-05	0.0061278	0.1561
196-SS2	0.02835845	0.16679457	4.49E-05	0.0047302	-0.12174
197-SS2	0.0057032	0.02698902	3.41E-05	0.0078664	0.53284
198-SS2	0.01645354	0.09332939	4.00E-05	0.0058035	0.080526
199-SS2	0.00483764	0.02164766	3.35E-05	0.0081345	0.58516
202-SS2	0.0238829	0.13917595	4.34E-05	0.0049916	-0.091842
205-SS2	0.03295721	0.19517353	4.64E-05	0.0045915	-0.11352
209-SS2	0.02556982	0.14958598	4.40E-05	0.0048781	-0.10813
214-SS2	0.02425414	0.14146692	4.34E-05	0.0049916	-0.091842
221-SS2	0.02194062	0.12719019	4.26E-05	0.0051742	-0.059109
222-SS2	0.01748574	0.09969907	4.06E-05	0.0056572	0.046584
223-SS2	0.03220295	0.190519	4.62E-05	0.0046026	-0.11821
224-SS2	0.03088523	0.18238734	4.58E-05	0.00463	-0.12145
226-SS2	0.01272904	0.07034546	3.80E-05	0.0063994	0.21875
233-SS2	0.00686597	0.03416446	3.47E-05	0.0076096	0.48124
238-SS2	0.02013415	0.11604245	4.19E-05	0.0053364	-0.025531
254-SS2	0.01545075	0.08714113	3.95E-05	0.0059603	0.11709
258-SS2	0.01403787	0.07842226	3.86E-05	0.0062156	0.1561
259-SS2	0.01742842	0.09934538	4.06E-05	0.0056572	0.046584
262-SS2	0.02113257	0.12220367	4.24E-05	0.0052258	-0.04878
263-SS2	0.0741616	0.44944587	5.38E-05	0.013116	0.24406
285-SS2	0.02794714	0.1642564	4.48E-05	0.0047558	-0.12024
286-SS2	0.00814935	0.04208424	3.56E-05	0.0072456	0.40559
304-SS2	0.01352188	0.07523812	3.83E-05	0.0063061	0.17645
306-SS2	0.01494119	0.08399668	3.92E-05	0.0060428	0.1363
321-SS2	0.02383592	0.13888608	4.34E-05	0.0049916	-0.091842
330-SS2	0.03221623	0.19060096	4.62E-05	0.0046026	-0.11821
331-SS2	0.01823373	0.10431495	4.09E-05	0.0055879	0.030658
332-SS2	0.02285574	0.13283736	4.30E-05	0.0050782	-0.077142
336-SS2	0.0259544	0.15195921	4.40E-05	0.0048781	-0.11213
351-SS2	0.02701281	0.15849063	4.44E-05	0.004813	-0.11816
357-SS2	0.01888211	0.10831612	4.11E-05	0.0055212	0.015459
360-SS2	0.03140697	0.18560702	4.58E-05	0.00463	-0.12002
361-SS2	0.0047327	0.02100007	3.35E-05	0.0081345	0.58516
363-SS2	0.0154711	0.08726677	3.95E-05	0.0059603	0.11709
367-SS2	0.0223015	0.12941718	4.28E-05	0.005125	-0.068556
368-SS2	0.01838997	0.1052791	4.09E-05	0.0055879	0.015459
370-SS2	0.02400479	0.13992813	4.34E-05	0.0049916	-0.091842
375-SS2	0.02144632	0.12413985	4.24E-05	0.0052258	-0.04878

377-SS2	0.03054963	0.18031636	4.57E-05	0.0046464	-0.12245
378-SS2	0.02390948	0.13934003	4.34E-05	0.0049916	-0.091842
382-SS2	0.01438775	0.08058137	3.89E-05	0.0061278	0.1561
384-SS2	0.01623643	0.09198962	4.00E-05	0.0058035	0.080526
387-SS2	0.01190296	0.06524777	3.77E-05	0.0064954	0.24064
393-SS2	0.02680712	0.15722135	4.44E-05	0.004813	-0.11546
398-SS2	0.02216447	0.12857157	4.26E-05	0.0051742	-0.068556
400-SS2	0.02737977	0.16075517	4.46E-05	0.0047834	-0.11816
404-SS2	0.00659094	0.03246727	3.47E-05	0.0076096	0.48124
410-SS2	0.01568962	0.0886152	3.95E-05	0.0059603	0.098494
415-SS2	0.00867257	0.04531301	3.59E-05	0.00713	0.38094
416-SS2	0.01871006	0.10725437	4.11E-05	0.0055212	0.015459
417-SS2	0.02988324	0.1762041	4.55E-05	0.0046645	-0.12301
418-SS2	0.00849847	0.04423866	3.56E-05	0.0072456	0.40559
419-SS2	0.00967217	0.05148153	3.62E-05	0.0070172	0.35661
424-SS2	0.03405298	0.20193556	4.68E-05	0.0045746	-0.10761
425-SS2	0.02569513	0.15035927	4.40E-05	0.0048781	-0.10813
430-SS2	0.0276633	0.1625048	4.48E-05	0.0047558	-0.12024
431-SS2	0.01528435	0.0861143	3.95E-05	0.0059603	0.11709
433-SS2	0.08380634	0.5089635	4.77E-05	0.013036	-0.036078
436-SS2	0.03324988	0.1969796	4.66E-05	0.0045822	-0.11352
437-SS2	0.00858049	0.04474476	3.56E-05	0.0072456	0.40559
442-SS2	0.01578745	0.08921892	3.98E-05	0.0058806	0.098494
444-SS2	0.00841366	0.04371525	3.56E-05	0.0072456	0.40559
447-SS2	0.03176015	0.1877865	4.60E-05	0.0046154	-0.12002
448-SS2	0.02209013	0.1281128	4.26E-05	0.0051742	-0.059109
450-SS2	0.01861717	0.10668112	4.11E-05	0.0055212	0.015459
455-SS2	0.01443655	0.08088253	3.89E-05	0.0061278	0.1561
456-SS2	0.01439446	0.08062279	3.89E-05	0.0061278	0.1561
458-SS2	0.01050955	0.056649	3.68E-05	0.0068	0.30902
466-SS2	0.02927106	0.17242631	4.53E-05	0.0046846	-0.1231
472-SS2	0.01138828	0.06207166	3.74E-05	0.0065941	0.263
473-SS2	0.02367298	0.13788056	4.32E-05	0.0050338	-0.084895
476-SS2	0.01415237	0.07912883	3.89E-05	0.0061278	0.1561
481-SS2	0.01005616	0.05385116	3.65E-05	0.0069072	0.33263
482-SS2	0.02759378	0.16207582	4.46E-05	0.0047834	-0.12024
488-SS2	0.01562448	0.08821326	3.95E-05	0.0059603	0.11709
490-SS2	0.03769959	0.22443876	4.84E-05	0.0045696	-0.084703
492-SS2	0.02898246	0.17064534	4.51E-05	0.0047064	-0.12268
493-SS2	0.0301537	0.17787306	4.55E-05	0.0046645	-0.12301
495-SS2	0.01877186	0.10763572	4.11E-05	0.0055212	0.015459
499-SS2	0.03134477	0.18522316	4.58E-05	0.00463	-0.12002
500-SS2	0.0506064	0.30408671	5.83E-05	0.0052672	0.0043724

501-SS2	0.07894473	0.47896254	4.97E-05	0.014318	0.17506
504-SS2	0.02438356	0.14226556	4.36E-05	0.0049516	-0.098011
505-SS2	0.01096243	0.05944371	3.71E-05	0.0066957	0.2858
509-SS2	0.04062734	0.24250592	5.02E-05	0.0046325	-0.058715
510-SS2	0.01808699	0.10340941	4.09E-05	0.0055879	0.030658
511-SS2	0.02915403	0.17170413	4.51E-05	0.0047064	-0.1231
512-SS2	0.06438183	0.3890949	6.27E-05	0.0084357	0.14863
513-SS2	0.03335489	0.19762765	4.66E-05	0.0045822	-0.11352
515-SS2	0.03113863	0.18395106	4.58E-05	0.00463	-0.12145
516-SS2	0.0491595	0.29515785	5.68E-05	0.0051026	-0.0022352
517-SS2	0.0927264	0.56400925	5.02E-05	0.0070215	-0.69483
522-SS2	0.02172475	0.12585801	4.26E-05	0.0051742	-0.059109
524-SS2	0.02173914	0.12594683	4.26E-05	0.0051742	-0.059109
529-SS2	0.07068075	0.4279655	5.71E-05	0.011574	0.23016
531-SS2	0.03798072	0.22617365	4.87E-05	0.0045758	-0.080425
532-SS2	0.0222661	0.1291987	4.28E-05	0.005125	-0.068556
533-SS2	0.02737534	0.16072781	4.46E-05	0.0047834	-0.11816
534-SS2	0.0262704	0.15390922	4.42E-05	0.0048445	-0.11213
535-SS2	0.01427393	0.07987898	3.89E-05	0.0061278	0.1561
537-SS2	0.01638301	0.09289412	4.00E-05	0.0058035	0.080526
538-SS2	0.02365508	0.13777012	4.32E-05	0.0050338	-0.084895
540-SS2	0.01038047	0.05585244	3.68E-05	0.0068	0.30902
541-SS2	0.03042658	0.179557	4.57E-05	0.0046464	-0.12245
543-SS2	0.01178082	0.06449404	3.74E-05	0.0065941	0.263
545-SS2	0.02588661	0.1515409	4.40E-05	0.0048781	-0.10813
546-SS2	0.02400068	0.13990282	4.34E-05	0.0049916	-0.091842
549-SS2	0.01158413	0.06328028	3.74E-05	0.0065941	0.263
553-SS2	0.01666613	0.09464127	4.00E-05	0.0058035	0.080526
557-SS2	0.01741061	0.09923548	4.06E-05	0.0056572	0.046584
558-SS2	0.01363927	0.07596251	3.86E-05	0.0062156	0.17645
559-SS2	0.01818525	0.1040158	4.09E-05	0.0055879	0.030658
567-SS2	0.01737948	0.09904337	4.06E-05	0.0056572	0.046584
569-SS2	0.00673126	0.03333319	3.47E-05	0.0076096	0.48124
571-SS2	0.02150504	0.1245022	4.24E-05	0.0052258	-0.04878
572-SS2	0.02095358	0.12109912	4.21E-05	0.0052798	-0.037579
575-SS2	0.0071481	0.0359055	3.50E-05	0.0074854	0.45576
576-SS2	0.01847566	0.10580788	4.11E-05	0.0055212	0.015459
577-SS2	0.01970636	0.11340252	4.16E-05	0.0053955	-0.012659
578-SS2	0.01981371	0.11406499	4.16E-05	0.0053955	-0.012659
579-SS2	0.03044053	0.1796431	4.57E-05	0.0046464	-0.12245
580-SS2	0.0208838	0.12066854	4.21E-05	0.0052798	-0.037579
581-SS2	0.01834697	0.10501375	4.09E-05	0.0055879	0.015459
583-SS2	0.00770006	0.03931163	3.53E-05	0.0073641	0.43054

585-SS2	0.02447869	0.14285263	4.36E-05	0.0049516	-0.098011
587-SS2	0.01308405	0.07253627	3.83E-05	0.0063061	0.19734
588-SS2	0.01012874	0.05429904	3.65E-05	0.0069072	0.33263
589-SS2	0.02544001	0.14878489	4.38E-05	0.0049138	-0.10813
595-SS2	0.00874958	0.04578826	3.59E-05	0.00713	0.38094
598-SS2	0.01641755	0.09310728	4.00E-05	0.0058035	0.080526
599-SS2	0.02293831	0.13334692	4.30E-05	0.0050782	-0.077142
600-SS2	0.07931364	0.4812391	4.93E-05	0.014315	0.17506
601-SS2	0.01481971	0.08324704	3.92E-05	0.0060428	0.1363
604-SS2	0.03017593	0.17801026	4.55E-05	0.0046645	-0.12301
605-SS2	0.02044151	0.11793914	4.19E-05	0.0053364	-0.025531
609-SS2	0.04056002	0.24209048	4.99E-05	0.0046177	-0.058715
612-SS2	0.02295502	0.13345005	4.30E-05	0.0050782	-0.077142
613-SS2	0.02281835	0.13260666	4.30E-05	0.0050782	-0.077142
615-SS2	0.02201735	0.12766369	4.26E-05	0.0051742	-0.059109
616-SS2	0.01453735	0.08150455	3.89E-05	0.0061278	0.1561
617-SS2	0.02251183	0.13071507	4.28E-05	0.005125	-0.068556
619-SS2	0.06870464	0.41577095	5.93E-05	0.010465	0.21248
622-SS2	0.09275577	0.56419045	5.02E-05	0.0070215	-0.69483
623-SS2	0.0132979	0.07385594	3.83E-05	0.0063061	0.19734
624-SS2	0.02345213	0.13651767	4.32E-05	0.0050338	-0.084895
643-SS2	0.04313673	0.25799137	5.17E-05	0.0047101	-0.042593
644-SS2	0.02023729	0.11667892	4.19E-05	0.0053364	-0.025531
645-SS2	0.0618281	0.37333578	6.36E-05	0.0076138	0.10802
646-SS2	0.09949978	0.6058078	5.49E-05	0.0043938	-1.2008
647-SS2	0.01161033	0.0634419	3.74E-05	0.0065941	0.263
648-SS2	0.03098132	0.18298033	4.58E-05	0.00463	-0.12145
653-SS2	0.00962782	0.05120784	3.62E-05	0.0070172	0.35661
656-SS2	0.01113264	0.06049408	3.71E-05	0.0066957	0.2858
661-SS2	0.01959944	0.11274272	4.16E-05	0.0053955	-0.012659
663-SS2	0.020199	0.11644261	4.19E-05	0.0053364	-0.025531
664-SS2	0.03369076	0.19970027	4.68E-05	0.0045746	-0.11071
669-SS2	0.09021216	0.5484938	4.88E-05	0.0086895	-0.51631
671-SS2	0.02151123	0.12454037	4.24E-05	0.0052258	-0.04878
672-SS2	0.05044719	0.30310422	5.83E-05	0.0052672	0.0043724
674-SS2	0.01554512	0.08772354	3.95E-05	0.0059603	0.11709
676-SS2	0.01901913	0.10916162	4.14E-05	0.0054571	0.0010121
677-SS2	0.02691432	0.15788285	4.44E-05	0.004813	-0.11546
680-SS2	0.01593112	0.09010553	3.98E-05	0.0058806	0.098494
681-SS2	0.0109569	0.0594096	3.71E-05	0.0066957	0.2858
684-SS2	0.02042174	0.11781717	4.19E-05	0.0053364	-0.025531
685-SS2	0.0070271	0.03515884	3.50E-05	0.0074854	0.45576
686-SS2	0.00879539	0.04607094	3.59E-05	0.00713	0.38094

690-SS2	0.02096696	0.12118173	4.21E-05	0.0052798	-0.037579
692-SS2	0.01733382	0.09876157	4.06E-05	0.0056572	0.046584
693-SS2	0.0198741	0.11443766	4.16E-05	0.0053955	-0.012659
694-SS2	0.0251525	0.14701071	4.38E-05	0.0049138	-0.10343
695-SS2	0.02101916	0.12150386	4.21E-05	0.0052798	-0.037579
697-SS2	0.01795394	0.10258837	4.09E-05	0.0055879	0.030658
698-SS2	0.03062422	0.18077669	4.57E-05	0.0046464	-0.12245
699-SS2	0.01965181	0.11306592	4.16E-05	0.0053955	-0.012659
703-SS2	0.02109666	0.12198207	4.21E-05	0.0052798	-0.04878
705-SS2	0.02018386	0.11634917	4.19E-05	0.0053364	-0.025531
706-SS2	0.01130714	0.06157097	3.71E-05	0.0066957	0.2858
707-SS2	0.01846974	0.10577133	4.11E-05	0.0055212	0.015459
708-SS2	0.02975306	0.17540072	4.53E-05	0.0046846	-0.12301
710-SS2	0.02416414	0.14091147	4.34E-05	0.0049916	-0.091842
711-SS2	0.02074324	0.11980114	4.21E-05	0.0052798	-0.037579
712-SS2	0.01597508	0.09037677	3.98E-05	0.0058806	0.098494
713-SS2	0.01858394	0.10647611	4.11E-05	0.0055212	0.015459
714-SS2	0.01146928	0.06257152	3.74E-05	0.0065941	0.263
715-SS2	0.02116028	0.1223747	4.24E-05	0.0052258	-0.04878
716-SS2	0.01181415	0.06469972	3.74E-05	0.0065941	0.263
723-SS2	0.00644872	0.03158963	3.44E-05	0.0077366	0.50694
724-SS2	0.02507835	0.14655308	4.38E-05	0.0049138	-0.10343
728-SS2	0.08504874	0.51663035	4.76E-05	0.012404	-0.10433
730-SS2	0.02455679	0.14333455	4.36E-05	0.0049516	-0.098011
731-SS2	0.02694692	0.15808403	4.44E-05	0.004813	-0.11546
738-SS2	0.0113757	0.06199405	3.74E-05	0.0065941	0.263
740-SS2	0.01126001	0.06128012	3.71E-05	0.0066957	0.2858
745-SS2	0.08611582	0.52321535	4.76E-05	0.0117	-0.17867
746-SS2	0.01967087	0.11318354	4.16E-05	0.0053955	-0.012659
747-SS2	0.01309768	0.07262038	3.83E-05	0.0063061	0.19734
748-SS2	0.03427221	0.20328839	4.70E-05	0.0045688	-0.10761
751-SS2	0.01411809	0.07891735	3.89E-05	0.0061278	0.1561
752-SS2	0.01217157	0.06690535	3.77E-05	0.0064954	0.24064
753-SS2	0.00539424	0.02508241	3.38E-05	0.0079991	0.53284
754-SS2	0.02062788	0.11908922	4.21E-05	0.0052798	-0.037579
758-SS2	0.02624233	0.15373603	4.42E-05	0.0048445	-0.11213
759-SS2	0.04793039	0.28757307	5.58E-05	0.0050083	-0.01192
765-SS2	0.0272911	0.16020799	4.46E-05	0.0047834	-0.11816
766-SS2	0.03098444	0.18299957	4.58E-05	0.00463	-0.12145
767-SS2	0.08327624	0.5056923	4.78E-05	0.013315	-0.0045591
768-SS2	0.02758931	0.16204825	4.46E-05	0.0047834	-0.12024
769-SS2	0.02229348	0.12936763	4.28E-05	0.005125	-0.068556
770-SS2	0.02695668	0.15814427	4.44E-05	0.004813	-0.11546

772-SS2	0.01533202	0.08640845	3.95E-05	0.0059603	0.11709
775-SS2	0.03067801	0.18110862	4.57E-05	0.0046464	-0.12245
780-SS2	0.01406289	0.07857668	3.86E-05	0.0062156	0.1561
781-SS2	0.01114384	0.06056324	3.71E-05	0.0066957	0.2858
785-SS2	0.03927595	0.2341665	4.92E-05	0.0045932	-0.071721
786-SS2	0.03373341	0.19996347	4.68E-05	0.0045746	-0.11071
793-SS2	0.03582992	0.21290101	4.77E-05	0.0045615	-0.096915
795-SS2	0.09287634	0.5649345	5.02E-05	0.0070215	-0.69483
797-SS2	0.03196036	0.18902197	4.62E-05	0.0046026	-0.11821
800-SS2	0.0445972	0.26700392	5.30E-05	0.0047888	-0.031751
801-SS2	0.01664038	0.09448236	4.00E-05	0.0058035	0.080526
806-SS2	0.08781276	0.5336871	4.80E-05	0.010188	-0.29935
808-SS2	0.00364721	0.01430149	3.29E-05	0.0084138	0.63801
812-SS2	0.01943947	0.11175555	4.14E-05	0.0054571	-0.012659
815-SS2	0.02002032	0.11533999	4.16E-05	0.0053955	-0.025531
818-SS2	0.00895187	0.0470366	3.59E-05	0.00713	0.38094
821-SS2	0.09694301	0.59002995	5.28E-05	0.0052469	-1.03
824-SS2	0.04543568	0.27217817	5.34E-05	0.0048194	-0.024952
825-SS2	0.02919164	0.17193623	4.51E-05	0.0047064	-0.1231
827-SS2	0.01548454	0.08734967	3.95E-05	0.0059603	0.11709
828-SS2	0.0255847	0.14967777	4.40E-05	0.0048781	-0.10813
829-SS2	0.01326362	0.07364439	3.83E-05	0.0063061	0.19734
832-SS2	0.0835388	0.50731254	4.77E-05	0.013036	-0.0045591
840-SS2	0.02938388	0.17312253	4.53E-05	0.0046846	-0.1231
841-SS2	0.01822349	0.10425177	4.09E-05	0.0055879	0.030658
843-SS2	0.02691889	0.15791106	4.44E-05	0.004813	-0.11546
846-SS2	0.03795635	0.22602323	4.87E-05	0.0045758	-0.080425
858-SS2	0.09708373	0.5908983	5.32E-05	0.0050496	-1.03
862-SS2	0.02429225	0.1417021	4.34E-05	0.0049916	-0.098011
870-SS2	0.02151024	0.12453427	4.24E-05	0.0052258	-0.04878
871-SS2	0.07881614	0.478169	4.97E-05	0.014318	0.18889
872-SS2	0.00406652	0.01688907	3.32E-05	0.0082728	0.61153
874-SS2	0.0121778	0.06694378	3.77E-05	0.0064954	0.24064
880-SS2	0.09831533	0.59849846	5.40E-05	0.0046955	-1.1375
881-SS2	0.02110491	0.12203297	4.21E-05	0.0052798	-0.04878
882-SS2	0.02376887	0.13847232	4.32E-05	0.0050338	-0.091842
884-SS2	0.02257684	0.13111632	4.28E-05	0.005125	-0.068556
888-SS2	0.06945796	0.42041966	5.82E-05	0.011019	0.21895
889-SS2	0.01477568	0.08297531	3.92E-05	0.0060428	0.1363
898-SS2	0.01190568	0.06526453	3.77E-05	0.0064954	0.24064
900-SS2	0.02260704	0.13130264	4.28E-05	0.005125	-0.068556
901-SS2	0.03148735	0.18610305	4.60E-05	0.0046154	-0.12002
902-SS2	0.06361468	0.38436082	6.30E-05	0.008216	0.13178

904-SS2	0.02292062	0.13323775	4.30E-05	0.0050782	-0.077142
906-SS2	0.09125887	0.5549531	4.93E-05	0.0079874	-0.56091
907-SS2	0.01855496	0.10629726	4.11E-05	0.0055212	0.015459
911-SS2	0.02020385	0.11647257	4.19E-05	0.0053364	-0.025531
914-SS2	0.02231743	0.12951548	4.28E-05	0.005125	-0.068556
915-SS2	0.06703815	0.40548703	6.07E-05	0.0096573	0.19037
918-SS2	0.01736108	0.09892982	4.06E-05	0.0056572	0.046584
927-SS2	0.02477219	0.1446638	4.36E-05	0.0049516	-0.098011
931-SS2	0.03251264	0.19243008	4.64E-05	0.0045915	-0.11603
937-SS2	0.03560482	0.21151194	4.74E-05	0.0045622	-0.10068
941-SS2	0.01566989	0.0884935	3.95E-05	0.0059603	0.098494
945-SS2	0.0304451	0.17967132	4.57E-05	0.0046464	-0.12245
946-SS2	0.01474377	0.08277842	3.92E-05	0.0060428	0.1363
947-SS2	0.02346095	0.13657214	4.32E-05	0.0050338	-0.084895
949-SS2	0.01624761	0.09205856	4.00E-05	0.0058035	0.080526
950-SS2	0.03203497	0.1894824	4.62E-05	0.0046026	-0.11821
963-SS2	0.01996085	0.114973	4.16E-05	0.0053955	-0.012659
964-SS2	0.015462	0.08721057	3.95E-05	0.0059603	0.11709
965-SS2	0.01940085	0.11151721	4.14E-05	0.0054571	0.0010121
971-SS2	0.01540804	0.08687762	3.95E-05	0.0059603	0.11709
978-SS2	0.08334854	0.50613844	4.78E-05	0.013315	-0.0045591
979-SS2	0.02380192	0.13867623	4.32E-05	0.0050338	-0.091842
980-SS2	0.02865171	0.16860431	4.49E-05	0.0047302	-0.12268
981-SS2	0.00847807	0.04411273	3.56E-05	0.0072456	0.40559
986-SS2	0.02146705	0.12426773	4.24E-05	0.0052258	-0.04878
987-SS2	0.09312771	0.5664857	5.02E-05	0.0070215	-0.73907
991-SS2	0.00678695	0.03367686	3.47E-05	0.0076096	0.48124
992-SS2	0.03461959	0.20543207	4.70E-05	0.0045688	-0.10426
993-SS2	0.02100821	0.12143628	4.21E-05	0.0052798	-0.037579
995-SS2	0.07984908	0.4845433	4.90E-05	0.014278	0.15946
997-SS2	0.02174427	0.12597847	4.26E-05	0.0051742	-0.059109
1001-SS2	0.02026787	0.11686765	4.19E-05	0.0053364	-0.025531
1004-SS2	0.0200805	0.11571135	4.19E-05	0.0053364	-0.025531
1006-SS2	0.00273962	0.00870076	3.26E-05	0.0085576	0.66457
1008-SS2	0.03273962	0.19383079	4.64E-05	0.0045915	-0.11603
1014-SS2	0.0115058	0.06279688	3.74E-05	0.0065941	0.263
1015-SS2	0.02244257	0.1302877	4.28E-05	0.005125	-0.068556
1019-SS2	0.02969026	0.17501318	4.53E-05	0.0046846	-0.12301
1025-SS2	0.02159876	0.12508053	4.24E-05	0.0052258	-0.059109
1027-SS2	0.0160732	0.09098231	3.98E-05	0.0058806	0.098494
1029-SS2	0.02476054	0.14459193	4.36E-05	0.0049516	-0.098011
1030-SS2	0.03387123	0.20081398	4.68E-05	0.0045746	-0.11071
1034-SS2	0.08472844	0.51465374	4.76E-05	0.012404	-0.069378

1037-SS2	0.05708905	0.34409112	6.30E-05	0.0062853	0.05269
1038-SS2	0.08202768	0.49798745	4.81E-05	0.013778	0.078055
1039-SS2	0.01675567	0.0951938	4.00E-05	0.0058035	0.063215
1045-SS2	0.01160536	0.06341124	3.74E-05	0.0065941	0.263
1047-SS2	0.03139139	0.18551084	4.58E-05	0.00463	-0.12002
1050-SS2	0.02230311	0.12942708	4.28E-05	0.005125	-0.068556
1058-SS2	0.02325193	0.13528226	4.30E-05	0.0050782	-0.084895
1062-SS2	0.00793969	0.04079039	3.53E-05	0.0073641	0.43054
1067-SS2	0.02603454	0.15245375	4.42E-05	0.0048445	-0.11213
1068-SS2	0.01095843	0.05941908	3.71E-05	0.0066957	0.2858
1075-SS2	0.06673975	0.40364558	6.07E-05	0.0096573	0.18233
1077-SS2	0.03380437	0.20040135	4.68E-05	0.0045746	-0.11071
1080-SS2	0.01609856	0.09113877	3.98E-05	0.0058806	0.098494
1081-SS2	0.0081634	0.0421709	3.56E-05	0.0072456	0.40559
1082-SS2	0.02218554	0.12870157	4.26E-05	0.0051742	-0.068556
1084-SS2	0.00772751	0.03948106	3.53E-05	0.0073641	0.43054
1085-SS2	0.01577611	0.08914895	3.98E-05	0.0058806	0.098494
1086-SS2	0.02008937	0.11576608	4.19E-05	0.0053364	-0.025531
1089-SS2	0.02687021	0.15761064	4.44E-05	0.004813	-0.11546
1091-SS2	0.01926765	0.11069529	4.14E-05	0.0054571	0.0010121
1092-SS2	0.02587156	0.151448	4.40E-05	0.0048781	-0.10813
1093-SS2	0.00947833	0.05028533	3.62E-05	0.0070172	0.35661
1097-SS2	0.02494488	0.14572945	4.38E-05	0.0049138	-0.10343
1099-SS2	0.00982803	0.05244338	3.65E-05	0.0069072	0.33263
1101-SS2	0.01946567	0.11191722	4.14E-05	0.0054571	-0.012659
1102-SS2	0.01858303	0.10647048	4.11E-05	0.0055212	0.015459
1105-SS2	0.02437693	0.14222462	4.36E-05	0.0049516	-0.098011
1111-SS2	0.02798622	0.16449755	4.48E-05	0.0047558	-0.12024
1115-SS2	0.01768362	0.10092023	4.06E-05	0.0056572	0.046584
1119-SS2	0.00717523	0.03607294	3.50E-05	0.0074854	0.45576
1125-SS2	0.03433032	0.203647	4.70E-05	0.0045688	-0.10761
1127-SS2	0.00992869	0.05306453	3.65E-05	0.0069072	0.33263
1128-SS2	0.01021165	0.0548107	3.65E-05	0.0069072	0.33263
1130-SS2	0.01816153	0.10386939	4.09E-05	0.0055879	0.030658
1131-SS2	0.00722286	0.03636688	3.50E-05	0.0074854	0.45576
1133-SS2	0.01432949	0.08022184	3.89E-05	0.0061278	0.1561
1134-SS2	0.00187164	0.0033445	3.20E-05	0.0088533	0.71784
1137-SS2	0.0110084	0.05972742	3.71E-05	0.0066957	0.2858
1138-SS2	0.01553059	0.08763388	3.95E-05	0.0059603	0.11709
1139-SS2	0.01877485	0.10765421	4.11E-05	0.0055212	0.015459
1144-SS2	0.00737191	0.03728661	3.50E-05	0.0074854	0.45576
1150-SS2	0.01753974	0.10003233	4.06E-05	0.0056572	0.046584
1152-SS2	0.02108413	0.12190474	4.21E-05	0.0052798	-0.04878

1158-SS2	0.00868146	0.0453679	3.59E-05	0.00713	0.38094
1160-SS2	0.02005891	0.11557815	4.19E-05	0.0053364	-0.025531
1161-SS2	0.01912125	0.10979181	4.14E-05	0.0054571	0.0010121
1162-SS2	0.01030212	0.05536895	3.68E-05	0.0068	0.30902
1163-SS2	0.02093995	0.12101505	4.21E-05	0.0052798	-0.037579
1164-SS2	0.00768753	0.03923436	3.53E-05	0.0073641	0.43054
1165-SS2	0.01282559	0.07094128	3.80E-05	0.0063994	0.21875
1166-SS2	0.01692041	0.09621041	4.03E-05	0.005729	0.063215
1169-SS2	0.02163786	0.12532182	4.24E-05	0.0052258	-0.059109
1173-SS2	0.00648472	0.03181182	3.47E-05	0.0076096	0.48124
1176-SS2	0.00521959	0.02400467	3.38E-05	0.0079991	0.55892
1180-SS2	0.01275753	0.07052131	3.80E-05	0.0063994	0.21875
1182-SS2	0.01835825	0.10508336	4.09E-05	0.0055879	0.015459
1184-SS2	0.01608416	0.09104994	3.98E-05	0.0058806	0.098494
1186-SS2	0.02081405	0.12023812	4.21E-05	0.0052798	-0.037579
1187-SS2	0.01576745	0.0890955	3.98E-05	0.0058806	0.098494
1190-SS2	0.01188578	0.06514171	3.74E-05	0.0065941	0.24064
1192-SS2	0.02088506	0.12067631	4.21E-05	0.0052798	-0.037579
1194-SS2	0.00559428	0.0263169	3.41E-05	0.0078664	0.53284
1196-SS2	0.02737902	0.16075055	4.46E-05	0.0047834	-0.11816
1199-SS2	0.00819444	0.04236249	3.56E-05	0.0072456	0.40559
1202-SS2	0.02144897	0.12415618	4.24E-05	0.0052258	-0.04878
1203-SS2	0.01692436	0.09623478	4.03E-05	0.005729	0.063215
1205-SS2	0.0191373	0.10989089	4.14E-05	0.0054571	0.0010121
1208-SS2	0.03245067	0.19204766	4.62E-05	0.0046026	-0.11603
1209-SS2	0.01624978	0.092072	4.00E-05	0.0058035	0.080526
1211-SS2	0.01342964	0.07466891	3.83E-05	0.0063061	0.19734
1213-SS2	0.03502098	0.20790908	4.72E-05	0.0045646	-0.10426
1216-SS2	0.0117408	0.06424707	3.74E-05	0.0065941	0.263
1222-SS2	0.00773799	0.03954569	3.53E-05	0.0073641	0.43054
1223-SS2	0.01667172	0.09467579	4.00E-05	0.0058035	0.080526
1224-SS2	0.00782863	0.04010508	3.53E-05	0.0073641	0.43054
1229-SS2	0.01366621	0.07612878	3.86E-05	0.0062156	0.17645
1230-SS2	0.01530891	0.08626588	3.95E-05	0.0059603	0.11709
1232-SS2	0.03953541	0.23576765	4.92E-05	0.0045932	-0.067351
1239-SS2	0.03178092	0.18791467	4.60E-05	0.0046154	-0.12002
1242-SS2	0.02608626	0.15277292	4.42E-05	0.0048445	-0.11213
1243-SS2	0.02560086	0.14977752	4.40E-05	0.0048781	-0.10813
1248-SS2	0.01733418	0.09876379	4.06E-05	0.0056572	0.046584
1253-SS2	0.02098388	0.12128609	4.21E-05	0.0052798	-0.037579
1258-SS2	0.00327814	0.01202397	3.29E-05	0.0084138	0.63801
1259-SS2	0.02024341	0.11671665	4.19E-05	0.0053364	-0.025531
1260-SS2	0.01507317	0.08481112	3.92E-05	0.0060428	0.1363

1262-SS2	0.02165085	0.12540199	4.24E-05	0.0052258	-0.059109
1263-SS2	0.01933843	0.11113205	4.14E-05	0.0054571	0.0010121
1265-SS2	0.02343099	0.13638721	4.32E-05	0.0050338	-0.084895
1268-SS2	0.00374465	0.0149028	3.29E-05	0.0084138	0.63801
1270-SS2	0.01253821	0.06916786	3.80E-05	0.0063994	0.21875
1271-SS2	0.00495626	0.02237966	3.38E-05	0.0079991	0.55892
1272-SS2	0.0232462	0.13524692	4.30E-05	0.0050782	-0.084895
1273-SS2	0.02600796	0.15228973	4.42E-05	0.0048445	-0.11213
1274-SS2	0.01198327	0.06574334	3.77E-05	0.0064954	0.24064
1275-SS2	0.02820666	0.16585788	4.49E-05	0.0047302	-0.12174
1277-SS2	0.0144627	0.08104388	3.89E-05	0.0061278	0.1561
1279-SS2	0.02302526	0.13388349	4.30E-05	0.0050782	-0.077142
1283-SS2	0.01605177	0.09085004	3.98E-05	0.0058806	0.098494
1286-SS2	0.00829298	0.04297058	3.56E-05	0.0072456	0.40559

cellid	dpt_pseudoti	dpt_pseudoti	diffusion	diff_rate	net_proliferation
9mo_SIGAE3_	0.05901195	0.578092	0.00011368	0.097776	-0.29758
9mo_SIGAE3_	0.05772057	0.56551456	0.00011241	0.096416	-0.25188
9mo_SIGAE3_	0.0114573	0.11493298	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.06880561	0.6734774	0.00012161	0.084113	-0.77743
9mo_SIGAE3_	0.07658382	0.74923337	0.0001268	0.060479	-1.1061
9mo_SIGAE3_	0.06362609	0.62303144	0.00011758	0.097678	-0.5246
9mo_SIGAE3_	0.00985488	0.09932621	5.98E-05	0.014626	0.1081
9mo_SIGAE3_	0.05111093	0.5011399	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.06331454	0.619997	0.0001173	0.098072	-0.50782
9mo_SIGAE3_	0.04881964	0.47882393	0.00010344	0.095375	0.072211
9mo_SIGAE3_	0.01241126	0.12422413	6.21E-05	0.017782	0.12723
9mo_SIGAE3_	0.04374395	0.42938915	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.05101728	0.5002278	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.01062923	0.10686804	6.05E-05	0.01548	0.10741
9mo_SIGAE3_	0.0509772	0.4998375	0.00010561	0.092703	0.010852
9mo_SIGAE3_	0.06199275	0.60712355	0.00011642	0.098794	-0.44141
9mo_SIGAE3_	0.0477895	0.46879086	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.06265257	0.6135499	0.00011672	0.098627	-0.47447
9mo_SIGAE3_	0.06731724	0.65898144	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.06830129	0.66856563	0.00012136	0.085284	-0.7609
9mo_SIGAE3_	0.07282122	0.7125875	0.00012446	0.070202	-0.96444
9mo_SIGAE3_	0.07068953	0.69182587	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.07858699	0.7687433	0.00012797	0.057152	-1.1666
9mo_SIGAE3_	0.07120067	0.69680417	0.00012331	0.075804	-0.88959
9mo_SIGAE3_	0.07183585	0.70299053	0.00012378	0.073503	-0.92016
9mo_SIGAE3_	0.05836359	0.5717772	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.06303957	0.61731905	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.06051238	0.5927055	0.00011492	0.0987	-0.37638
9mo_SIGAE3_	0.07509396	0.73472285	0.00012598	0.063504	-1.0462
9mo_SIGAE3_	0.03914208	0.38456917	9.26E-05	0.10901	0.36311
9mo_SIGAE3_	0.07464867	0.730386	0.00012556	0.06525	-1.0333
9mo_SIGAE3_	0.07183759	0.70300746	0.00012378	0.073503	-0.92016
9mo_SIGAE3_	0.06457794	0.632302	0.00011843	0.096001	-0.57526
9mo_SIGAE3_	0.04462289	0.4379496	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.0485575	0.4762708	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.07264625	0.7108833	0.00012446	0.070202	-0.9499
9mo_SIGAE3_	0.06196546	0.6068577	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.07298002	0.7141342	0.00012469	0.069151	-0.96444
9mo_SIGAE3_	0.07153215	0.70003265	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.02007977	0.19891165	6.99E-05	0.031319	0.52662
9mo_SIGAE3_	0.04919103	0.48244104	0.00010381	0.094798	0.062467
9mo_SIGAE3_	0.04637336	0.45499837	0.00010084	0.10033	0.14626
9mo_SIGAE3_	0.03974009	0.39039353	9.34E-05	0.10962	0.33794
9mo_SIGAE3_	0.02939004	0.2895891	8.11E-05	0.066108	0.7438
9mo_SIGAE3_	0.04754494	0.46640894	0.00010197	0.098057	0.10986

9mo_SIGAE3_	0.06147667	0.6020972	0.00011583	0.09893	-0.42501
9mo_SIGAE3_	0.05568112	0.5456513	0.00011045	0.094186	-0.16472
9mo_SIGAE3_	0.0318445	0.31349438	8.40E-05	0.07911	0.67094
9mo_SIGAE3_	0.03360614	0.33065185	8.61E-05	0.088522	0.60151
9mo_SIGAE3_	0.06696089	0.6555107	0.00012032	0.089759	-0.69393
9mo_SIGAE3_	0.07589875	0.74256116	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.0610519	0.59796005	0.00011553	0.098907	-0.39249
9mo_SIGAE3_	0.06013367	0.589017	0.00011462	0.098526	-0.36038
9mo_SIGAE3_	0.05419308	0.53115857	0.0001091	0.092966	-0.097097
9mo_SIGAE3_	0.06297906	0.6167297	0.00011701	0.098387	-0.49111
9mo_SIGAE3_	0.06895145	0.67489785	0.00012186	0.08293	-0.77743
9mo_SIGAE3_	0.05797505	0.5679931	0.00011273	0.096781	-0.25188
9mo_SIGAE3_	0.02846934	0.28062195	7.99E-05	0.060913	0.76245
9mo_SIGAE3_	0.02965669	0.29218614	8.11E-05	0.066108	0.7357
9mo_SIGAE3_	0.0360809	0.3547548	8.90E-05	0.10026	0.49376
9mo_SIGAE3_	0.04791271	0.46999088	0.00010271	0.09665	0.10061
9mo_SIGAE3_	0.06595311	0.6456955	0.00011953	0.092756	-0.64315
9mo_SIGAE3_	0.05071135	0.49724817	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.07521328	0.73588496	0.00012598	0.063504	-1.0589
9mo_SIGAE3_	0.06397613	0.6264407	0.00011787	0.097201	-0.54144
9mo_SIGAE3_	0.05772344	0.5655425	0.00011241	0.096416	-0.25188
9mo_SIGAE3_	0.03259799	0.32083297	8.48E-05	0.082909	0.64444
9mo_SIGAE3_	0.02971187	0.2927236	8.15E-05	0.067903	0.7357
9mo_SIGAE3_	0.04805759	0.47140187	0.00010271	0.09665	0.10061
9mo_SIGAE3_	0.06064225	0.59397036	0.00011523	0.098828	-0.37638
9mo_SIGAE3_	0.00630584	0.06476028	5.66E-05	0.010584	0.18365
9mo_SIGAE3_	0.05622368	0.55093557	0.00011111	0.094909	-0.17881
9mo_SIGAE3_	0.06488843	0.635326	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.0189582	0.18798812	6.87E-05	0.029043	0.44251
9mo_SIGAE3_	0.04915997	0.4821385	0.00010381	0.094798	0.062467
9mo_SIGAE3_	0.07382648	0.72237825	0.00012513	0.067136	-1.0066
9mo_SIGAE3_	0.05673678	0.5559329	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.07616836	0.745187	0.0001266	0.061174	-1.0948
9mo_SIGAE3_	0.07474426	0.731317	0.00012577	0.064358	-1.0333
9mo_SIGAE3_	0.07079785	0.69288087	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.04061551	0.39891967	9.42E-05	0.10978	0.3027
9mo_SIGAE3_	0.05521017	0.54106456	0.00011011	0.093847	-0.13708
9mo_SIGAE3_	0.07595502	0.74310917	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.06928068	0.67810434	0.00012211	0.081739	-0.79386
9mo_SIGAE3_	0.05315696	0.5210672	0.00010807	0.092373	-0.059017
9mo_SIGAE3_	0.05052109	0.49539515	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.08718435	0.8524774	0.00013207	0.052686	-1.3094
9mo_SIGAE3_	0.07301875	0.71451133	0.00012469	0.069151	-0.96444
9mo_SIGAE3_	0.06128665	0.6002464	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.06070963	0.5946266	0.00011523	0.098828	-0.37638
9mo_SIGAE3_	0.0394779	0.38783988	9.30E-05	0.10937	0.35035

9mo_SIGAE3_	0.05587378	0.54752773	0.00011078	0.094541	-0.16472
9mo_SIGAE3_	0.0484746	0.47546336	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.04724655	0.46350273	0.00010197	0.098057	0.11903
9mo_SIGAE3_	0.04010642	0.3939614	9.38E-05	0.10975	0.32588
9mo_SIGAE3_	0.07239391	0.7084257	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.01437421	0.1433423	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.02305111	0.22785099	7.34E-05	0.039406	0.67444
9mo_SIGAE3_	0.05863002	0.57437223	0.00011337	0.097465	-0.2822
9mo_SIGAE3_	0.05332625	0.522716	0.00010807	0.092373	-0.07149
9mo_SIGAE3_	0.07070967	0.692022	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.0457272	0.44870502	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.06874707	0.67290723	0.00012161	0.084113	-0.77743
9mo_SIGAE3_	0.06571627	0.64338875	0.00011925	0.093659	-0.62617
9mo_SIGAE3_	0.00713828	0.07286786	5.75E-05	0.011579	0.15252
9mo_SIGAE3_	0.05991853	0.5869217	0.00011431	0.098311	-0.3445
9mo_SIGAE3_	0.03438849	0.33827156	8.69E-05	0.09213	0.57137
9mo_SIGAE3_	0.01128896	0.11329339	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.06342396	0.6210628	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.04826113	0.47338423	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.07092898	0.6941581	0.00012331	0.075804	-0.87403
9mo_SIGAE3_	0.04404073	0.43227962	9.82E-05	0.10565	0.20107
9mo_SIGAE3_	0.07350104	0.71920866	0.00012491	0.068128	-0.99278
9mo_SIGAE3_	0.05518416	0.5408112	0.00011011	0.093847	-0.13708
9mo_SIGAE3_	0.05958653	0.5836881	0.00011431	0.098311	-0.32873
9mo_SIGAE3_	0.05051274	0.49531385	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.07472342	0.731114	0.00012577	0.064358	-1.0333
9mo_SIGAE3_	0.0566823	0.5554023	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.06043424	0.5919444	0.00011492	0.0987	-0.37638
9mo_SIGAE3_	0.02992667	0.29481566	8.15E-05	0.067903	0.7357
9mo_SIGAE3_	0.0498456	0.48881626	0.00010453	0.09379	0.042456
9mo_SIGAE3_	0.08064728	0.7888095	0.00012907	0.054994	-1.2155
9mo_SIGAE3_	0.06262936	0.61332375	0.00011672	0.098627	-0.47447
9mo_SIGAE3_	0.0080709	0.08195114	5.84E-05	0.012653	0.12871
9mo_SIGAE3_	0.04574366	0.44886538	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.04973056	0.4876958	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.06730508	0.658863	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.03016095	0.2970974	8.19E-05	0.069725	0.72675
9mo_SIGAE3_	0.05880562	0.57608247	0.00011337	0.097465	-0.29758
9mo_SIGAE3_	0.05396045	0.5288929	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.07443323	0.7282877	0.00012556	0.06525	-1.0201
9mo_SIGAE3_	0.04876984	0.47833887	0.00010344	0.095375	0.072211
9mo_SIGAE3_	0.019536	0.19361559	6.95E-05	0.030541	0.48489
9mo_SIGAE3_	0.05293767	0.51893145	0.00010773	0.092257	-0.059017
9mo_SIGAE3_	0.03173032	0.31238225	8.36E-05	0.07721	0.67094
9mo_SIGAE3_	0.05991213	0.5868593	0.00011431	0.098311	-0.3445
9mo_SIGAE3_	0.06111286	0.59855384	0.00011553	0.098907	-0.4087

9mo_SIGAE3_	0.0512359	0.5023571	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.06400923	0.626763	0.00011787	0.097201	-0.54144
9mo_SIGAE3_	0.03447537	0.33911774	8.69E-05	0.09213	0.55601
9mo_SIGAE3_	0.02012545	0.19935659	7.02E-05	0.032119	0.52662
9mo_SIGAE3_	0.05761655	0.5645015	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.04742571	0.46524775	0.00010197	0.098057	0.10986
9mo_SIGAE3_	0.0578123	0.56640804	0.00011241	0.096416	-0.25188
9mo_SIGAE3_	0.04004071	0.39332142	9.38E-05	0.10975	0.32588
9mo_SIGAE3_	0.0732328	0.7165961	0.00012469	0.069151	-0.97873
9mo_SIGAE3_	0.01865081	0.18499428	6.84E-05	0.028322	0.42127
9mo_SIGAE3_	0.08155434	0.79764384	0.00012942	0.054478	-1.2295
9mo_SIGAE3_	0.02396066	0.23670956	7.46E-05	0.042633	0.71639
9mo_SIGAE3_	0.04854152	0.47611514	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.04387829	0.43069753	9.82E-05	0.10565	0.21046
9mo_SIGAE3_	0.04762071	0.46714687	0.00010234	0.09734	0.10986
9mo_SIGAE3_	0.04457025	0.4374369	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.07078794	0.6927843	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.01330007	0.13288063	6.30E-05	0.019276	0.15521
9mo_SIGAE3_	0.07842136	0.76713014	0.00012778	0.057615	-1.1573
9mo_SIGAE3_	0.05386238	0.52793765	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.02118095	0.20963657	7.14E-05	0.034655	0.58661
9mo_SIGAE3_	0.00359758	0.03838316	5.44E-05	0.0082917	0.27903
9mo_SIGAE3_	0.05002564	0.49056974	0.0001049	0.093366	0.042456
9mo_SIGAE3_	0.04156643	0.4081812	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.07300394	0.71436715	0.00012469	0.069151	-0.96444
9mo_SIGAE3_	0.03101939	0.30545816	8.28E-05	0.073435	0.69526
9mo_SIGAE3_	0.05357562	0.5251448	0.00010842	0.092532	-0.084185
9mo_SIGAE3_	0.01131645	0.11356121	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.05700113	0.55850756	0.00011177	0.095663	-0.22216
9mo_SIGAE3_	0.02068299	0.20478673	7.06E-05	0.032941	0.54704
9mo_SIGAE3_	0.05288078	0.51837736	0.00010773	0.092257	-0.059017
9mo_SIGAE3_	0.04372731	0.42922705	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.04461154	0.43783906	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.03102606	0.3055231	8.28E-05	0.073435	0.69526
9mo_SIGAE3_	0.06415308	0.62816405	0.00011815	0.096641	-0.54144
9mo_SIGAE3_	0.07024574	0.6875036	0.00012284	0.078159	-0.8424
9mo_SIGAE3_	0.02501523	0.24698061	7.58E-05	0.046199	0.74769
9mo_SIGAE3_	0.0357381	0.35141605	8.86E-05	0.098764	0.50933
9mo_SIGAE3_	0.05841139	0.57224286	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.06598041	0.6459614	0.00011953	0.092756	-0.64315
9mo_SIGAE3_	0.0553662	0.5425842	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.06961777	0.6813875	0.00012235	0.080544	-0.81017
9mo_SIGAE3_	0.08697885	0.85047585	0.00013193	0.052709	-1.3063
9mo_SIGAE3_	0.02989667	0.29452342	8.15E-05	0.067903	0.7357
9mo_SIGAE3_	0.06713426	0.6571993	0.00012058	0.088682	-0.69393
9mo_SIGAE3_	0.07740632	0.7572441	0.0001272	0.059217	-1.1276

9mo_SIGAE3_	0.04343729	0.42640245	9.74E-05	0.10696	0.21998
9mo_SIGAE3_	0.06447338	0.63128364	0.00011843	0.096001	-0.55833
9mo_SIGAE3_	0.04610314	0.45236647	0.00010046	0.10111	0.14626
9mo_SIGAE3_	0.03991871	0.3921332	9.34E-05	0.10962	0.32588
9mo_SIGAE3_	0.06306384	0.6175554	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.05431091	0.53230613	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.04200952	0.4124967	9.58E-05	0.10896	0.25963
9mo_SIGAE3_	0.08281306	0.80990314	0.00013009	0.053693	-1.2543
9mo_SIGAE3_	0.07246801	0.7091474	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.04346758	0.42669746	9.78E-05	0.10633	0.21998
9mo_SIGAE3_	0.01557062	0.15499476	6.51E-05	0.022546	0.24275
9mo_SIGAE3_	0.06173251	0.6045889	0.00011613	0.098894	-0.42501
9mo_SIGAE3_	0.07018686	0.6869301	0.0001226	0.07935	-0.8424
9mo_SIGAE3_	0.06202405	0.6074283	0.00011642	0.098794	-0.44141
9mo_SIGAE3_	0.04328958	0.42496383	9.74E-05	0.10696	0.22964
9mo_SIGAE3_	0.03086315	0.30393648	8.28E-05	0.073435	0.70647
9mo_SIGAE3_	0.04455124	0.4372518	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.05709483	0.55942017	0.00011177	0.095663	-0.22216
9mo_SIGAE3_	0.0564016	0.5526685	0.00011111	0.094909	-0.19309
9mo_SIGAE3_	0.03972398	0.39023665	9.34E-05	0.10962	0.33794
9mo_SIGAE3_	0.06714959	0.65734863	0.00012058	0.088682	-0.69393
9mo_SIGAE3_	0.04910767	0.48162913	0.00010381	0.094798	0.072211
9mo_SIGAE3_	0.01333191	0.13319083	6.30E-05	0.019276	0.15521
9mo_SIGAE3_	0.06060261	0.5935842	0.00011492	0.0987	-0.37638
9mo_SIGAE3_	0.0509248	0.49932718	0.00010561	0.092703	0.010852
9mo_SIGAE3_	0.04946596	0.48511878	0.00010417	0.094268	0.052555
9mo_SIGAE3_	0.06981102	0.6832696	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.04620688	0.45337686	0.00010084	0.10033	0.14626
9mo_SIGAE3_	0.0539436	0.5287287	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.07352474	0.7194394	0.00012491	0.068128	-0.99278
9mo_SIGAE3_	0.06470271	0.6335172	0.00011843	0.096001	-0.57526
9mo_SIGAE3_	0.01967413	0.1949609	6.95E-05	0.030541	0.48489
9mo_SIGAE3_	0.05184986	0.5083367	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.06190002	0.60622036	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.05751882	0.5635496	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.05681094	0.5566552	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.08030745	0.7854997	0.00012889	0.055287	-1.2081
9mo_SIGAE3_	0.07434665	0.72744447	0.00012556	0.06525	-1.0201
9mo_SIGAE3_	0.03724472	0.36608988	9.02E-05	0.1042	0.43275
9mo_SIGAE3_	0.03594392	0.3534207	8.90E-05	0.10026	0.49376
9mo_SIGAE3_	0.05116252	0.5016424	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.07680413	0.75137913	0.000127	0.059827	-1.1061
9mo_SIGAE3_	0.04940792	0.4845535	0.00010417	0.094268	0.062467
9mo_SIGAE3_	0.05065971	0.49674532	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.0381495	0.37490195	9.14E-05	0.10717	0.40374
9mo_SIGAE3_	0.04413193	0.43316787	9.86E-05	0.10494	0.20107

9mo_SIGAE3_	0.03687238	0.36246344	8.98E-05	0.10298	0.4477
9mo_SIGAE3_	0.06487367	0.6351823	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.04504992	0.44210866	9.93E-05	0.10345	0.17344
9mo_SIGAE3_	0.04616376	0.45295694	0.00010046	0.10111	0.14626
9mo_SIGAE3_	0.04697024	0.46081167	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.05934582	0.58134377	0.000114	0.098059	-0.31309
9mo_SIGAE3_	0.05685078	0.5570432	0.00011177	0.095663	-0.20754
9mo_SIGAE3_	0.06181609	0.60540295	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.06076585	0.59517413	0.00011523	0.098828	-0.39249
9mo_SIGAE3_	0.05857603	0.57384634	0.00011337	0.097465	-0.2822
9mo_SIGAE3_	0.06346335	0.6214464	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.05590803	0.5478613	0.00011078	0.094541	-0.16472
9mo_SIGAE3_	0.06630713	0.64914346	0.00011979	0.091802	-0.66011
9mo_SIGAE3_	0.00488081	0.05088116	5.55E-05	0.0093744	0.23478
9mo_SIGAE3_	0.04426643	0.43447787	9.86E-05	0.10494	0.20107
9mo_SIGAE3_	0.06790648	0.6647203	0.0001211	0.086439	-0.72756
9mo_SIGAE3_	0.04496273	0.44125944	9.93E-05	0.10345	0.18258
9mo_SIGAE3_	0.08021272	0.78457713	0.00012889	0.055287	-1.2004
9mo_SIGAE3_	0.05070591	0.49719524	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.05130855	0.50306463	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.05540589	0.5429707	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.0484838	0.47555295	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.04795814	0.4704333	0.00010271	0.09665	0.10061
9mo_SIGAE3_	0.07002991	0.6854015	0.0001226	0.07935	-0.8424
9mo_SIGAE3_	0.07341622	0.7183825	0.00012491	0.068128	-0.99278
9mo_SIGAE3_	0.04009453	0.39384556	9.38E-05	0.10975	0.32588
9mo_SIGAE3_	0.04927972	0.4833049	0.00010417	0.094268	0.062467
9mo_SIGAE3_	0.05467151	0.5358182	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.03457308	0.3400694	8.73E-05	0.093873	0.55601
9mo_SIGAE3_	0.02880859	0.28392604	8.03E-05	0.062611	0.75723
9mo_SIGAE3_	0.06040876	0.5916962	0.00011492	0.0987	-0.37638
9mo_SIGAE3_	0.01291592	0.12913923	6.27E-05	0.018769	0.14454
9mo_SIGAE3_	0.03274559	0.3222705	8.48E-05	0.082909	0.6305
9mo_SIGAE3_	0.05173009	0.50717026	0.00010668	0.092211	-0.011455
9mo_SIGAE3_	0.05345542	0.5239741	0.00010842	0.092532	-0.07149
9mo_SIGAE3_	0.07959309	0.7785422	0.00012853	0.055948	-1.1924
9mo_SIGAE3_	0.05192591	0.50907737	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.04676286	0.45879188	0.00010122	0.099559	0.12814
9mo_SIGAE3_	0.06165939	0.6038767	0.00011613	0.098894	-0.42501
9mo_SIGAE3_	0.06302537	0.6171807	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.03901074	0.38329	9.26E-05	0.10901	0.36311
9mo_SIGAE3_	0.01883316	0.18677028	6.87E-05	0.029043	0.44251
9mo_SIGAE3_	0.06481656	0.6346261	0.00011871	0.095287	-0.57526
9mo_SIGAE3_	0.01907358	0.18911187	6.91E-05	0.029782	0.46374
9mo_SIGAE3_	0.04977085	0.48808822	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.07734105	0.7566084	0.0001272	0.059217	-1.1276

9mo_SIGAE3_	0.0437495	0.4294432	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.01576141	0.15685293	6.54E-05	0.023132	0.26052
9mo_SIGAE3_	0.07082281	0.693124	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.0599577	0.58730316	0.00011462	0.098526	-0.3445
9mo_SIGAE3_	0.04712642	0.46233273	0.00010159	0.098799	0.11903
9mo_SIGAE3_	0.0433214	0.42527372	9.74E-05	0.10696	0.21998
9mo_SIGAE3_	0.03865808	0.37985525	9.22E-05	0.10852	0.37625
9mo_SIGAE3_	0.0164648	0.16370364	6.62E-05	0.024342	0.29808
9mo_SIGAE3_	0.05774317	0.56573474	0.00011241	0.096416	-0.25188
9mo_SIGAE3_	0.06812396	0.66683847	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.06035469	0.5911696	0.00011492	0.0987	-0.36038
9mo_SIGAE3_	0.08376008	0.81912667	0.00013058	0.053285	-1.2702
9mo_SIGAE3_	0.06792931	0.66494274	0.0001211	0.086439	-0.72756
9mo_SIGAE3_	0.04764273	0.46736142	0.00010234	0.09734	0.10986
9mo_SIGAE3_	0.01667506	0.1657514	6.65E-05	0.024968	0.31771
9mo_SIGAE3_	0.03065717	0.30193028	8.23E-05	0.07157	0.70647
9mo_SIGAE3_	0.06681689	0.6541083	0.00012032	0.089759	-0.67704
9mo_SIGAE3_	0.0387657	0.38090348	9.22E-05	0.10852	0.37625
9mo_SIGAE3_	0.07255496	0.70999426	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.04084407	0.40114573	9.46E-05	0.10971	0.3027
9mo_SIGAE3_	0.0590818	0.5787723	0.00011368	0.097776	-0.31309
9mo_SIGAE3_	0.04164013	0.40889898	9.54E-05	0.10929	0.27003
9mo_SIGAE3_	0.04018313	0.39470857	9.38E-05	0.10975	0.32588
9mo_SIGAE3_	0.0578388	0.56666607	0.00011241	0.096416	-0.25188
9mo_SIGAE3_	0.06939869	0.67925376	0.00012211	0.081739	-0.81017
9mo_SIGAE3_	0.00675653	0.06914977	5.72E-05	0.011238	0.16213
9mo_SIGAE3_	0.06433988	0.62998337	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.0666049	0.6520436	0.00012006	0.090801	-0.67704
9mo_SIGAE3_	0.04865816	0.4772511	0.00010344	0.095375	0.081803
9mo_SIGAE3_	0.04972424	0.48763424	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.05262391	0.51587564	0.00010738	0.092189	-0.046772
9mo_SIGAE3_	0.03991497	0.39209676	9.34E-05	0.10962	0.32588
9mo_SIGAE3_	0.03527628	0.3469182	8.81E-05	0.097198	0.52494
9mo_SIGAE3_	0.04948761	0.48532963	0.00010417	0.094268	0.052555
9mo_SIGAE3_	0.0699242	0.68437195	0.0001226	0.07935	-0.82636
9mo_SIGAE3_	0.07395262	0.72360677	0.00012513	0.067136	-1.0066
9mo_SIGAE3_	0.03753606	0.36892733	9.06E-05	0.10531	0.41807
9mo_SIGAE3_	0.07509787	0.73476094	0.00012598	0.063504	-1.0462
9mo_SIGAE3_	0.070586	0.69081753	0.00012308	0.076976	-0.8583
9mo_SIGAE3_	0.05908669	0.5788199	0.00011368	0.097776	-0.31309
9mo_SIGAE3_	0.05410982	0.53034765	0.0001091	0.092966	-0.097097
9mo_SIGAE3_	0.0367413	0.3611868	8.98E-05	0.10298	0.46289
9mo_SIGAE3_	0.05700566	0.55855167	0.00011177	0.095663	-0.22216
9mo_SIGAE3_	0.01099702	0.11045013	6.08E-05	0.015922	0.10884
9mo_SIGAE3_	0.04213064	0.41367632	9.62E-05	0.10856	0.25963
9mo_SIGAE3_	0.06237557	0.610852	0.00011672	0.098627	-0.4579

9mo_SIGAE3_	0.0695148	0.6803846	0.00012211	0.081739	-0.81017
9mo_SIGAE3_	0.05751271	0.56349015	0.00011209	0.096042	-0.23694
9mo_SIGAE3_	0.02605757	0.2571325	7.70E-05	0.050154	0.76634
9mo_SIGAE3_	0.05235996	0.5133048	0.00010703	0.092172	-0.03476
9mo_SIGAE3_	0.02624652	0.25897276	7.70E-05	0.050154	0.76965
9mo_SIGAE3_	0.04633989	0.45467234	0.00010084	0.10033	0.14626
9mo_SIGAE3_	0.06292446	0.6161979	0.00011701	0.098387	-0.49111
9mo_SIGAE3_	0.03269078	0.3217367	8.48E-05	0.082909	0.6305
9mo_SIGAE3_	0.05090859	0.49916923	0.00010561	0.092703	0.010852
9mo_SIGAE3_	0.05052374	0.49542102	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.06190819	0.6063	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.05431324	0.5323288	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.05949912	0.58283675	0.000114	0.098059	-0.32873
9mo_SIGAE3_	0.06828389	0.6683961	0.00012136	0.085284	-0.7609
9mo_SIGAE3_	0.06442832	0.6308447	0.00011843	0.096001	-0.55833
9mo_SIGAE3_	0.04579155	0.4493318	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.03203335	0.31533366	8.40E-05	0.07911	0.65793
9mo_SIGAE3_	0.05272186	0.51682955	0.00010773	0.092257	-0.046772
9mo_SIGAE3_	0.064207	0.62868917	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.02566256	0.25328532	7.66E-05	0.04879	0.7616
9mo_SIGAE3_	0.04648035	0.45604032	0.00010084	0.10033	0.13721
9mo_SIGAE3_	0.04599973	0.4513594	0.00010046	0.10111	0.1553
9mo_SIGAE3_	0.04199662	0.41237107	9.58E-05	0.10896	0.25963
9mo_SIGAE3_	0.05388869	0.52819395	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.06369869	0.6237385	0.00011758	0.097678	-0.5246
9mo_SIGAE3_	0.06066817	0.5942228	0.00011523	0.098828	-0.37638
9mo_SIGAE3_	0.05386128	0.527927	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.04790206	0.4698871	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.0681784	0.6673687	0.00012136	0.085284	-0.74427
9mo_SIGAE3_	0.05398297	0.52911216	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.06089266	0.59640914	0.00011523	0.098828	-0.39249
9mo_SIGAE3_	0.06347696	0.621579	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.08406805	0.82212615	0.00013074	0.053178	-1.2751
9mo_SIGAE3_	0.0569812	0.5583135	0.00011177	0.095663	-0.20754
9mo_SIGAE3_	0.04359946	0.42798188	9.78E-05	0.10633	0.21998
9mo_SIGAE3_	0.03544527	0.34856403	8.81E-05	0.097198	0.50933
9mo_SIGAE3_	0.01597002	0.15888467	6.58E-05	0.023731	0.27899
9mo_SIGAE3_	0.05836025	0.57174474	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.05183902	0.50823116	0.00010668	0.092211	-0.011455
9mo_SIGAE3_	0.05920366	0.5799591	0.00011368	0.097776	-0.31309
9mo_SIGAE3_	0.06975937	0.68276656	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.05637376	0.5523974	0.00011111	0.094909	-0.19309
9mo_SIGAE3_	0.05288799	0.51844764	0.00010773	0.092257	-0.059017
9mo_SIGAE3_	0.06383723	0.62508786	0.00011787	0.097201	-0.54144
9mo_SIGAE3_	0.06341992	0.6210235	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.03471213	0.34142366	8.73E-05	0.093873	0.55601

9mo_SIGAE3_	0.04710695	0.46214312	0.00010159	0.098799	0.11903
9mo_SIGAE3_	0.01219402	0.12210828	6.21E-05	0.017782	0.12723
9mo_SIGAE3_	0.0145284	0.14484401	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.0045199	0.04736614	5.52E-05	0.0090922	0.24903
9mo_SIGAE3_	0.05497409	0.5387652	0.00010978	0.093528	-0.13708
9mo_SIGAE3_	0.0190943	0.18931362	6.91E-05	0.029782	0.46374
9mo_SIGAE3_	0.03759366	0.36948836	9.06E-05	0.10531	0.41807
9mo_SIGAE3_	0.05537802	0.5426993	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.05610434	0.54977334	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.0701785	0.6868487	0.0001226	0.07935	-0.8424
9mo_SIGAE3_	0.01580905	0.15731688	6.54E-05	0.023132	0.26052
9mo_SIGAE3_	0.05097936	0.49985853	0.00010561	0.092703	0.010852
9mo_SIGAE3_	0.04839155	0.47465453	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.06631208	0.6491916	0.00011979	0.091802	-0.66011
9mo_SIGAE3_	0.05176104	0.5074717	0.00010668	0.092211	-0.011455
9mo_SIGAE3_	0.05945379	0.5823953	0.000114	0.098059	-0.32873
9mo_SIGAE3_	0.07458302	0.7297465	0.00012556	0.06525	-1.0333
9mo_SIGAE3_	0.01431804	0.14279519	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.05836266	0.5717682	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.06356437	0.6224303	0.00011758	0.097678	-0.5246
9mo_SIGAE3_	0.06927323	0.6780318	0.00012211	0.081739	-0.79386
9mo_SIGAE3_	0.03163563	0.31146002	8.36E-05	0.07721	0.6834
9mo_SIGAE3_	0.07800568	0.7630816	0.00012759	0.058113	-1.1478
9mo_SIGAE3_	0.06823849	0.66795397	0.00012136	0.085284	-0.74427
9mo_SIGAE3_	0.03599985	0.35396543	8.90E-05	0.10026	0.49376
9mo_SIGAE3_	0.04822267	0.47300965	0.00010271	0.09665	0.091263
9mo_SIGAE3_	0.07035547	0.6885723	0.00012284	0.078159	-0.8583
9mo_SIGAE3_	0.06755433	0.6612906	0.00012084	0.087573	-0.71078
9mo_SIGAE3_	0.03486213	0.34288457	8.77E-05	0.095565	0.54051
9mo_SIGAE3_	0.07780477	0.7611249	0.00012759	0.058113	-1.1379
9mo_SIGAE3_	0.04581279	0.44953868	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.06183448	0.60558206	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.06805266	0.6661441	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.011901	0.1192544	6.17E-05	0.017303	0.12065
9mo_SIGAE3_	0.05851019	0.5732051	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.07574581	0.74107164	0.0001264	0.06191	-1.0712
9mo_SIGAE3_	0.0546256	0.5353711	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.07024051	0.6874526	0.00012284	0.078159	-0.8424
9mo_SIGAE3_	0.08119629	0.7941566	0.00012924	0.054725	-1.2227
9mo_SIGAE3_	0.07128766	0.6976514	0.00012355	0.074645	-0.88959
9mo_SIGAE3_	0.03103439	0.30560428	8.28E-05	0.073435	0.69526
9mo_SIGAE3_	0.07662429	0.74962753	0.0001268	0.060479	-1.1061
9mo_SIGAE3_	0.06774731	0.6631701	0.00012084	0.087573	-0.72756
9mo_SIGAE3_	0.07198519	0.704445	0.00012401	0.07238	-0.92016
9mo_SIGAE3_	0.00952007	0.09606533	5.95E-05	0.014213	0.11014
9mo_SIGAE3_	0.03303768	0.32511532	8.52E-05	0.084798	0.61617

9mo_SIGAE3_	0.06759777	0.66171366	0.00012084	0.087573	-0.72756
9mo_SIGAE3_	0.05534492	0.5423769	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.04462561	0.43797606	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.05183366	0.5081789	0.00010668	0.092211	-0.011455
9mo_SIGAE3_	0.05961763	0.58399105	0.00011431	0.098311	-0.32873
9mo_SIGAE3_	0.04577687	0.44918883	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.05189666	0.5087925	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.06132291	0.6005996	0.00011583	0.09893	-0.4087
9mo_SIGAE3_	0.0469601	0.46071294	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.03382457	0.3327793	8.65E-05	0.090344	0.58656
9mo_SIGAE3_	0.07071925	0.69211537	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.04651757	0.45640284	0.00010084	0.10033	0.13721
9mo_SIGAE3_	0.06685039	0.6544346	0.00012032	0.089759	-0.67704
9mo_SIGAE3_	0.04145972	0.40714192	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.07183506	0.70298284	0.00012378	0.073503	-0.92016
9mo_SIGAE3_	0.01050505	0.10565858	6.05E-05	0.01548	0.10741
9mo_SIGAE3_	0.06409095	0.627559	0.00011815	0.096641	-0.54144
9mo_SIGAE3_	0.00066886	0.0098589	5.23E-05	0.0064696	0.43121
9mo_SIGAE3_	0.07010958	0.68617743	0.0001226	0.07935	-0.8424
9mo_SIGAE3_	0.01488027	0.1482711	6.44E-05	0.021412	0.20962
9mo_SIGAE3_	0.06437709	0.6303458	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.05598519	0.54861283	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.07852493	0.7681388	0.00012797	0.057152	-1.1573
9mo_SIGAE3_	0.03982993	0.39126855	9.34E-05	0.10962	0.33794
9mo_SIGAE3_	0.04824044	0.47318277	0.00010271	0.09665	0.091263
9mo_SIGAE3_	0.06068754	0.59441143	0.00011523	0.098828	-0.37638
9mo_SIGAE3_	0.07521212	0.7358737	0.00012598	0.063504	-1.0589
9mo_SIGAE3_	0.08126848	0.7948597	0.00012942	0.054478	-1.2227
9mo_SIGAE3_	0.05119521	0.50196075	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.05853625	0.5734589	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.0512199	0.50220126	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.04858242	0.47651345	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.0277149	0.27327406	7.90E-05	0.057632	0.76966
9mo_SIGAE3_	0.05111048	0.5011356	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.08280919	0.8098654	0.00013009	0.053693	-1.2543
9mo_SIGAE3_	0.05040842	0.49429786	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.00638318	0.06551351	5.69E-05	0.010907	0.17252
9mo_SIGAE3_	0.06740388	0.6598252	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.03547473	0.348851	8.81E-05	0.097198	0.50933
9mo_SIGAE3_	0.06165885	0.6038715	0.00011613	0.098894	-0.42501
9mo_SIGAE3_	0.05267553	0.5163784	0.00010738	0.092189	-0.046772
9mo_SIGAE3_	0.02377519	0.23490326	7.42E-05	0.041523	0.70349
9mo_SIGAE3_	0.06119406	0.5993447	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.07142093	0.6989494	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.06460124	0.63252896	0.00011843	0.096001	-0.57526
9mo_SIGAE3_	0.06050964	0.5926788	0.00011492	0.0987	-0.37638

9mo_SIGAE3_	0.03840314	0.37737224	9.18E-05	0.10791	0.38979
9mo_SIGAE3_	0.06777512	0.663441	0.00012084	0.087573	-0.72756
9mo_SIGAE3_	0.07596819	0.7432375	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.04499921	0.44161475	9.93E-05	0.10345	0.18258
9mo_SIGAE3_	0.04364256	0.42840165	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.04577127	0.4491343	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.07530633	0.7367913	0.00012598	0.063504	-1.0589
9mo_SIGAE3_	0.03209035	0.3158888	8.40E-05	0.07911	0.65793
9mo_SIGAE3_	0.08082727	0.79056257	0.00012907	0.054994	-1.2155
9mo_SIGAE3_	0.0309269	0.30455738	8.28E-05	0.073435	0.70647
9mo_SIGAE3_	0.0313417	0.30859733	8.32E-05	0.075317	0.6834
9mo_SIGAE3_	0.06891421	0.67453516	0.00012186	0.08293	-0.77743
9mo_SIGAE3_	0.06856674	0.671151	0.00012161	0.084113	-0.7609
9mo_SIGAE3_	0.06085502	0.5960426	0.00011523	0.098828	-0.39249
9mo_SIGAE3_	0.04658649	0.4570741	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.05023946	0.49265227	0.0001049	0.093366	0.032151
9mo_SIGAE3_	0.06499451	0.6363592	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.02604423	0.25700256	7.70E-05	0.050154	0.76634
9mo_SIGAE3_	0.04844712	0.47519577	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.02693132	0.2656424	7.78E-05	0.053015	0.77219
9mo_SIGAE3_	0.06178614	0.60511124	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.01064973	0.10706766	6.05E-05	0.01548	0.10741
9mo_SIGAE3_	0.06683104	0.6542461	0.00012032	0.089759	-0.67704
9mo_SIGAE3_	0.00121493	0.01517731	5.29E-05	0.0068852	0.39576
9mo_SIGAE3_	0.0542953	0.53215414	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.07476594	0.73152816	0.00012577	0.064358	-1.0333
9mo_SIGAE3_	0.04181273	0.41057998	9.58E-05	0.10896	0.27003
9mo_SIGAE3_	0.03899759	0.383162	9.26E-05	0.10901	0.36311
9mo_SIGAE3_	0.05222079	0.51194936	0.00010703	0.092172	-0.03476
9mo_SIGAE3_	0.02395182	0.23662354	7.46E-05	0.042633	0.71639
9mo_SIGAE3_	0.07863975	0.7692572	0.00012797	0.057152	-1.1666
9mo_SIGAE3_	0.04931983	0.4836955	0.00010417	0.094268	0.062467
9mo_SIGAE3_	0.03495298	0.34376937	8.77E-05	0.095565	0.54051
9mo_SIGAE3_	0.0608168	0.5956703	0.00011523	0.098828	-0.39249
9mo_SIGAE3_	0.06064143	0.5939623	0.00011523	0.098828	-0.37638
9mo_SIGAE3_	0.06195699	0.6067753	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.06253792	0.61243325	0.00011672	0.098627	-0.47447
9mo_SIGAE3_	0.03741779	0.36777547	9.06E-05	0.10531	0.43275
9mo_SIGAE3_	0.06626064	0.64869064	0.00011979	0.091802	-0.66011
9mo_SIGAE3_	0.01701569	0.16906902	6.69E-05	0.025607	0.33781
9mo_SIGAE3_	0.03434742	0.33787155	8.69E-05	0.09213	0.57137
9mo_SIGAE3_	0.04806868	0.47150993	0.00010271	0.09665	0.10061
9mo_SIGAE3_	0.0764024	0.7474665	0.0001266	0.061174	-1.0948
9mo_SIGAE3_	0.0818776	0.8007923	0.00012959	0.054253	-1.2361
9mo_SIGAE3_	0.0713662	0.6984163	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.04743274	0.4653162	0.00010197	0.098057	0.10986

9mo_SIGAE3_	0.00940665	0.09496065	5.92E-05	0.013809	0.11326
9mo_SIGAE3_	0.04689092	0.46003914	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.04838752	0.47461528	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.05204172	0.5102054	0.00010703	0.092172	-0.022986
9mo_SIGAE3_	0.03016587	0.29714534	8.19E-05	0.069725	0.72675
9mo_SIGAE3_	0.01176299	0.11791027	6.14E-05	0.016833	0.11542
9mo_SIGAE3_	0.05926163	0.5805237	0.000114	0.098059	-0.31309
9mo_SIGAE3_	0.0297829	0.29341534	8.15E-05	0.067903	0.7357
9mo_SIGAE3_	0.05093663	0.49944237	0.00010561	0.092703	0.010852
9mo_SIGAE3_	0.02647645	0.2612122	7.74E-05	0.051562	0.76965
9mo_SIGAE3_	0.05467232	0.53582615	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.01315493	0.1314671	6.27E-05	0.018769	0.14454
9mo_SIGAE3_	0.05727259	0.5611515	0.00011209	0.096042	-0.22216
9mo_SIGAE3_	0.04274929	0.41970164	9.66E-05	0.10808	0.23945
9mo_SIGAE3_	0.05899994	0.57797503	0.00011368	0.097776	-0.29758
9mo_SIGAE3_	0.04926471	0.48315865	0.00010381	0.094798	0.062467
9mo_SIGAE3_	0.06742994	0.66007906	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.06122291	0.59962565	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.04642991	0.45554915	0.00010084	0.10033	0.13721
9mo_SIGAE3_	0.06758993	0.6616373	0.00012084	0.087573	-0.71078
9mo_SIGAE3_	0.01683514	0.16731055	6.65E-05	0.024968	0.31771
9mo_SIGAE3_	0.08302907	0.81200695	0.00013026	0.053541	-1.2598
9mo_SIGAE3_	0.04636837	0.4549497	0.00010084	0.10033	0.14626
9mo_SIGAE3_	0.01118251	0.11225668	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.06296933	0.61663496	0.00011701	0.098387	-0.49111
9mo_SIGAE3_	0.07308507	0.7151573	0.00012469	0.069151	-0.97873
9mo_SIGAE3_	0.04552894	0.44677407	0.00010009	0.1019	0.16436
9mo_SIGAE3_	0.07735898	0.7567831	0.0001272	0.059217	-1.1276
9mo_SIGAE3_	0.0540625	0.5298868	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.04909068	0.48146367	0.00010381	0.094798	0.072211
9mo_SIGAE3_	0.07109523	0.6957772	0.00012331	0.075804	-0.88959
9mo_SIGAE3_	0.03516854	0.34586892	8.77E-05	0.095565	0.52494
9mo_SIGAE3_	0.04655463	0.45676377	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.04906436	0.48120737	0.00010381	0.094798	0.072211
9mo_SIGAE3_	0.07311441	0.715443	0.00012469	0.069151	-0.97873
9mo_SIGAE3_	0.07952375	0.7778669	0.00012853	0.055948	-1.1841
9mo_SIGAE3_	0.02619246	0.25844628	7.70E-05	0.050154	0.76965
9mo_SIGAE3_	0.05740158	0.56240773	0.00011209	0.096042	-0.23694
9mo_SIGAE3_	0.05465023	0.535611	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.0670313	0.65619653	0.00012032	0.089759	-0.69393
9mo_SIGAE3_	0.05523831	0.5413386	0.00011011	0.093847	-0.13708
9mo_SIGAE3_	0.04857533	0.47644445	0.00010308	0.095994	0.081803
9mo_SIGAE3_	0.06000804	0.5877934	0.00011462	0.098526	-0.3445
9mo_SIGAE3_	0.04167937	0.40928113	9.54E-05	0.10929	0.27003
9mo_SIGAE3_	0.01707238	0.16962114	6.69E-05	0.025607	0.33781
9mo_SIGAE3_	0.0595869	0.5836917	0.00011431	0.098311	-0.32873

9mo_SIGAE3_	0.05123129	0.5023122	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.01125832	0.11299504	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.04825924	0.47336587	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.04949627	0.4854139	0.00010417	0.094268	0.052555
9mo_SIGAE3_	0.01892425	0.18765748	6.87E-05	0.029043	0.44251
9mo_SIGAE3_	0.07879157	0.77073574	0.00012797	0.057152	-1.1666
9mo_SIGAE3_	0.05827992	0.57096237	0.00011305	0.097132	-0.26697
9mo_SIGAE3_	0.08449344	0.8262692	0.00013089	0.053084	-1.2797
9mo_SIGAE3_	0.02696146	0.265936	7.82E-05	0.054511	0.77219
9mo_SIGAE3_	0.0745783	0.7297006	0.00012556	0.06525	-1.0333
9mo_SIGAE3_	0.0265807	0.26222748	7.74E-05	0.051562	0.77158
9mo_SIGAE3_	0.08953614	0.87538266	0.000133	0.052606	-1.3264
9mo_SIGAE3_	0.06119483	0.5993522	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.03486842	0.34294587	8.77E-05	0.095565	0.54051
9mo_SIGAE3_	0.05918019	0.5797305	0.00011368	0.097776	-0.31309
9mo_SIGAE3_	0.06019044	0.58956987	0.00011462	0.098526	-0.36038
9mo_SIGAE3_	0.02631309	0.25962108	7.74E-05	0.051562	0.76965
9mo_SIGAE3_	0.03027888	0.29824594	8.19E-05	0.069725	0.72675
9mo_SIGAE3_	0.05431546	0.5323505	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.05957586	0.58358413	0.000114	0.098059	-0.32873
9mo_SIGAE3_	0.04815007	0.4723026	0.00010271	0.09665	0.091263
9mo_SIGAE3_	0.07843977	0.7673095	0.00012778	0.057615	-1.1573
9mo_SIGAE3_	0.0738076	0.7221944	0.00012513	0.067136	-1.0066
9mo_SIGAE3_	0.05071653	0.4972987	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.05576448	0.5464632	0.00011045	0.094186	-0.16472
9mo_SIGAE3_	0.05038594	0.4940789	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.04870011	0.47765973	0.00010344	0.095375	0.081803
9mo_SIGAE3_	0.04566152	0.4480654	0.00010009	0.1019	0.16436
9mo_SIGAE3_	0.05250747	0.5147415	0.00010738	0.092189	-0.03476
9mo_SIGAE3_	0.01534331	0.15278085	6.51E-05	0.022546	0.24275
9mo_SIGAE3_	0.03284058	0.32319564	8.52E-05	0.084798	0.6305
9mo_SIGAE3_	0.05854348	0.5735293	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.05389235	0.5282296	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.07709445	0.7542067	0.0001272	0.059217	-1.117
9mo_SIGAE3_	0.04306195	0.42274684	9.70E-05	0.10755	0.22964
9mo_SIGAE3_	0.0672165	0.6580003	0.00012058	0.088682	-0.69393
9mo_SIGAE3_	0.03905908	0.38376084	9.26E-05	0.10901	0.36311
9mo_SIGAE3_	0.06527279	0.63906956	0.00011898	0.094504	-0.60919
9mo_SIGAE3_	0.05792485	0.56750417	0.00011273	0.096781	-0.25188
9mo_SIGAE3_	0.03073829	0.30272046	8.28E-05	0.073435	0.70647
9mo_SIGAE3_	0.02707261	0.26701847	7.82E-05	0.054511	0.77219
9mo_SIGAE3_	0.05811083	0.5693155	0.00011273	0.096781	-0.26697
9mo_SIGAE3_	0.01670017	0.165996	6.65E-05	0.024968	0.31771
9mo_SIGAE3_	0.08448849	0.826221	0.00013089	0.053084	-1.2797
9mo_SIGAE3_	0.05250425	0.5147102	0.00010738	0.092189	-0.03476
9mo_SIGAE3_	0.05470821	0.53617567	0.00010944	0.093233	-0.12355

9mo_SIGAE3_	0.05985951	0.5863468	0.00011431	0.098311	-0.3445
9mo_SIGAE3_	0.06816094	0.66719866	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.08088251	0.79110056	0.00012924	0.054725	-1.2155
9mo_SIGAE3_	0.04697522	0.46086016	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.06306537	0.61757034	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.04424608	0.43427965	9.86E-05	0.10494	0.20107
9mo_SIGAE3_	0.04642402	0.4554917	0.00010084	0.10033	0.13721
9mo_SIGAE3_	0.02250904	0.22257157	7.30E-05	0.038397	0.65846
9mo_SIGAE3_	0.03600929	0.3540574	8.90E-05	0.10026	0.49376
9mo_SIGAE3_	0.00567114	0.05857859	5.63E-05	0.010269	0.19547
9mo_SIGAE3_	0.05605091	0.5492529	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.0100156	0.10089155	5.98E-05	0.014626	0.1081
9mo_SIGAE3_	0.01530345	0.15239264	6.51E-05	0.022546	0.24275
9mo_SIGAE3_	0.04566546	0.44810373	0.00010009	0.1019	0.16436
9mo_SIGAE3_	0.05828189	0.57098156	0.00011305	0.097132	-0.26697
9mo_SIGAE3_	0.00354332	0.03785466	5.44E-05	0.0082917	0.2947
9mo_SIGAE3_	0.05220575	0.5118029	0.00010703	0.092172	-0.03476
9mo_SIGAE3_	0.06116415	0.5990533	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.0548458	0.5375157	0.00010978	0.093528	-0.12355
9mo_SIGAE3_	0.06661545	0.65214634	0.00012006	0.090801	-0.67704
9mo_SIGAE3_	0.01012108	0.10191886	5.98E-05	0.014626	0.10718
9mo_SIGAE3_	0.04956624	0.48609537	0.00010417	0.094268	0.052555
9mo_SIGAE3_	0.06313977	0.61829495	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.06010975	0.588784	0.00011462	0.098526	-0.36038
9mo_SIGAE3_	0.06507235	0.6371173	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.05029561	0.49319917	0.0001049	0.093366	0.032151
9mo_SIGAE3_	0.02918151	0.28755814	8.07E-05	0.064343	0.751
9mo_SIGAE3_	0.05701972	0.55868864	0.00011177	0.095663	-0.22216
9mo_SIGAE3_	0.02767947	0.272929	7.90E-05	0.057632	0.76966
9mo_SIGAE3_	0.06196591	0.60686207	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.00325974	0.03509276	5.42E-05	0.0080398	0.2947
9mo_SIGAE3_	0.07398122	0.72388536	0.00012513	0.067136	-1.0066
9mo_SIGAE3_	0.05604692	0.54921407	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.05345307	0.5239512	0.00010842	0.092532	-0.07149
9mo_SIGAE3_	0.07083608	0.6932532	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.07529667	0.7366972	0.00012598	0.063504	-1.0589
9mo_SIGAE3_	0.05151528	0.5050781	0.00010632	0.092309	-0.011455
9mo_SIGAE3_	0.07345417	0.71875215	0.00012491	0.068128	-0.99278
9mo_SIGAE3_	0.06900262	0.6753962	0.00012186	0.08293	-0.79386
9mo_SIGAE3_	0.04533763	0.4449108	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.06967319	0.6819272	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.07042841	0.6892827	0.00012284	0.078159	-0.8583
9mo_SIGAE3_	0.04975391	0.48792326	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.04669469	0.45812795	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.06449263	0.6314711	0.00011843	0.096001	-0.55833
9mo_SIGAE3_	0.06663626	0.65234905	0.00012006	0.090801	-0.67704

9mo_SIGAE3_	0.04542065	0.44571945	9.97E-05	0.10268	0.16436
9mo_SIGAE3_	0.03438762	0.33826312	8.69E-05	0.09213	0.57137
9mo_SIGAE3_	0.0815745	0.7978402	0.00012959	0.054253	-1.2295
9mo_SIGAE3_	0.03281924	0.32298785	8.52E-05	0.084798	0.6305
9mo_SIGAE3_	0.08421116	0.8235199	0.00013074	0.053178	-1.2751
9mo_SIGAE3_	0.08350305	0.8166233	0.00013042	0.053406	-1.2651
9mo_SIGAE3_	0.05247644	0.5144393	0.00010738	0.092189	-0.03476
9mo_SIGAE3_	0.06218338	0.6089802	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.05890289	0.57702976	0.00011368	0.097776	-0.29758
9mo_SIGAE3_	0.05973678	0.58515143	0.00011431	0.098311	-0.3445
9mo_SIGAE3_	0.07054413	0.6904098	0.00012284	0.078159	-0.8583
9mo_SIGAE3_	0.06006864	0.5883836	0.00011462	0.098526	-0.36038
9mo_SIGAE3_	0.00960226	0.09686583	5.95E-05	0.014213	0.11014
9mo_SIGAE3_	0.0141896	0.14154428	6.37E-05	0.020323	0.18023
9mo_SIGAE3_	0.05661171	0.5547148	0.00011144	0.095284	-0.19309
9mo_SIGAE3_	0.05159582	0.50586253	0.00010632	0.092309	-0.011455
9mo_SIGAE3_	0.03040663	0.2994902	8.23E-05	0.07157	0.71698
9mo_SIGAE3_	0.07713812	0.754632	0.0001272	0.059217	-1.117
9mo_SIGAE3_	0.06243383	0.61141944	0.00011672	0.098627	-0.4579
9mo_SIGAE3_	0.04021942	0.395062	9.38E-05	0.10975	0.31414
9mo_SIGAE3_	0.05443239	0.5334893	0.00010944	0.093233	-0.11022
9mo_SIGAE3_	0.05178264	0.5076821	0.00010668	0.092211	-0.011455
9mo_SIGAE3_	0.04928168	0.48332396	0.00010417	0.094268	0.062467
9mo_SIGAE3_	0.00577201	0.05956104	5.63E-05	0.010269	0.19547
9mo_SIGAE3_	0.07290815	0.71343416	0.00012446	0.070202	-0.96444
9mo_SIGAE3_	0.046928	0.46040028	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.0477729	0.46862912	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.01177519	0.11802906	6.14E-05	0.016833	0.11542
9mo_SIGAE3_	0.02889975	0.2848139	8.03E-05	0.062611	0.75723
9mo_SIGAE3_	0.06258396	0.6128816	0.00011672	0.098627	-0.47447
9mo_SIGAE3_	0.03009384	0.29644382	8.19E-05	0.069725	0.72675
9mo_SIGAE3_	0.07887614	0.7715595	0.00012816	0.056721	-1.1666
9mo_SIGAE3_	0.05471627	0.5362541	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.04533303	0.44486603	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.02193665	0.21699677	7.22E-05	0.03647	0.62396
9mo_SIGAE3_	0.07059479	0.6909031	0.00012308	0.076976	-0.8583
9mo_SIGAE3_	0.01414431	0.14110315	6.37E-05	0.020323	0.18023
9mo_SIGAE3_	0.0483364	0.47411737	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.01775798	0.17629857	6.76E-05	0.026932	0.37908
9mo_SIGAE3_	0.06694689	0.65537447	0.00012032	0.089759	-0.69393
9mo_SIGAE3_	0.05595387	0.5483078	0.00011078	0.094541	-0.16472
9mo_SIGAE3_	0.05938667	0.58174163	0.000114	0.098059	-0.32873
9mo_SIGAE3_	0.0483476	0.47422647	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.07037146	0.6887281	0.00012284	0.078159	-0.8583
9mo_SIGAE3_	0.0737845	0.72196937	0.00012513	0.067136	-1.0066
9mo_SIGAE3_	0.04309213	0.42304078	9.70E-05	0.10755	0.22964

9mo_SIGAE3_	0.07075914	0.69250387	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.07455581	0.7294815	0.00012556	0.06525	-1.0333
9mo_SIGAE3_	0.051113	0.50116	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.03075573	0.3028903	8.28E-05	0.073435	0.70647
9mo_SIGAE3_	0.00758629	0.07723122	5.78E-05	0.011928	0.14372
9mo_SIGAE3_	0.07659046	0.74929804	0.0001268	0.060479	-1.1061
9mo_SIGAE3_	0.03940712	0.38715053	9.30E-05	0.10937	0.35035
9mo_SIGAE3_	0.04599679	0.45133072	0.00010046	0.10111	0.1553
9mo_SIGAE3_	0.07155786	0.700283	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.05547031	0.5435982	0.00011045	0.094186	-0.1508
9mo_SIGAE3_	0.07750519	0.75820714	0.0001274	0.058646	-1.1276
9mo_SIGAE3_	0.01874521	0.18591368	6.87E-05	0.029043	0.44251
9mo_SIGAE3_	0.0646372	0.63287914	0.00011843	0.096001	-0.57526
9mo_SIGAE3_	0.05702641	0.55875385	0.00011177	0.095663	-0.22216
9mo_SIGAE3_	0.07672092	0.7505687	0.0001268	0.060479	-1.1061
9mo_SIGAE3_	0.07832094	0.766152	0.00012778	0.057615	-1.1573
9mo_SIGAE3_	0.06230047	0.61012053	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.02923792	0.28810748	8.07E-05	0.064343	0.751
9mo_SIGAE3_	0.06965021	0.68170345	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.0413627	0.40619692	9.50E-05	0.10955	0.28067
9mo_SIGAE3_	0.07266212	0.711038	0.00012446	0.070202	-0.9499
9mo_SIGAE3_	0.06769639	0.6626742	0.00012084	0.087573	-0.72756
9mo_SIGAE3_	0.00924163	0.09335344	5.92E-05	0.013809	0.11326
9mo_SIGAE3_	0.05888534	0.5768588	0.00011337	0.097465	-0.29758
9mo_SIGAE3_	0.0623253	0.6103624	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.0799544	0.7820612	0.00012871	0.055605	-1.2004
9mo_SIGAE3_	0.07210578	0.70561945	0.00012401	0.07238	-0.93514
9mo_SIGAE3_	0.03836478	0.37699866	9.18E-05	0.10791	0.38979
9mo_SIGAE3_	0.08361239	0.8176882	0.00013042	0.053406	-1.2651
9mo_SIGAE3_	0.05353823	0.52478063	0.00010842	0.092532	-0.07149
9mo_SIGAE3_	0.05051797	0.4953648	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.07376814	0.72181004	0.00012513	0.067136	-1.0066
9mo_SIGAE3_	0.04243543	0.41664478	9.66E-05	0.10808	0.24945
9mo_SIGAE3_	0.0667932	0.65387756	0.00012032	0.089759	-0.67704
9mo_SIGAE3_	0.04574534	0.4488817	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.04617878	0.4531032	0.00010046	0.10111	0.14626
9mo_SIGAE3_	0.05755311	0.56388354	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.01169467	0.1172449	6.14E-05	0.016833	0.11542
9mo_SIGAE3_	0.05118908	0.50190103	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.02139958	0.21176592	7.14E-05	0.034655	0.6056
9mo_SIGAE3_	0.06547306	0.64102	0.00011925	0.093659	-0.60919
9mo_SIGAE3_	0.07719061	0.7551432	0.0001272	0.059217	-1.1276
9mo_SIGAE3_	0.05001819	0.4904972	0.0001049	0.093366	0.042456
9mo_SIGAE3_	0.05834093	0.5715565	0.00011305	0.097132	-0.26697
9mo_SIGAE3_	0.06728906	0.658707	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.07935959	0.77626806	0.00012835	0.05632	-1.1841

9mo_SIGAE3_	0.06044272	0.592027	0.00011492	0.0987	-0.37638
9mo_SIGAE3_	0.0538582	0.52789694	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.07368876	0.7210369	0.00012513	0.067136	-0.99278
9mo_SIGAE3_	0.07416897	0.72571397	0.00012534	0.066176	-1.0201
9mo_SIGAE3_	0.05246659	0.5143434	0.00010738	0.092189	-0.03476
9mo_SIGAE3_	0.03797956	0.37324682	9.14E-05	0.10717	0.40374
9mo_SIGAE3_	0.0510392	0.5004413	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.06972323	0.68241465	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.0548087	0.53715444	0.00010978	0.093528	-0.12355
9mo_SIGAE3_	0.02391367	0.23625195	7.46E-05	0.042633	0.71639
9mo_SIGAE3_	0.02952794	0.2909322	8.11E-05	0.066108	0.7438
9mo_SIGAE3_	0.0693645	0.6789208	0.00012211	0.081739	-0.81017
9mo_SIGAE3_	0.03872408	0.38049808	9.22E-05	0.10852	0.37625
9mo_SIGAE3_	0.05967354	0.58453554	0.00011431	0.098311	-0.32873
9mo_SIGAE3_	0.01070787	0.1076339	6.05E-05	0.01548	0.10741
9mo_SIGAE3_	0.05934497	0.5813354	0.000114	0.098059	-0.31309
9mo_SIGAE3_	0.04653129	0.4565365	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.01436202	0.14322352	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.0827011	0.80881274	0.00013009	0.053693	-1.2543
9mo_SIGAE3_	0.0509443	0.499517	0.00010561	0.092703	0.010852
9mo_SIGAE3_	0.07111367	0.6959568	0.00012331	0.075804	-0.88959
9mo_SIGAE3_	0.04600382	0.45139915	0.00010046	0.10111	0.1553
9mo_SIGAE3_	0.05243342	0.5140204	0.00010738	0.092189	-0.03476
9mo_SIGAE3_	0.08479369	0.8291935	0.00013105	0.053002	-1.2841
9mo_SIGAE3_	0.06156174	0.6029257	0.00011583	0.09893	-0.42501
9mo_SIGAE3_	0.0060222	0.06199777	5.66E-05	0.010584	0.18365
9mo_SIGAE3_	0.05321232	0.52160645	0.00010807	0.092373	-0.059017
9mo_SIGAE3_	0.06535646	0.63988435	0.00011898	0.094504	-0.60919
9mo_SIGAE3_	0.07262134	0.7106408	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.08519522	0.83310425	0.0001312	0.05293	-1.2883
9mo_SIGAE3_	0.05314755	0.52097565	0.00010807	0.092373	-0.059017
9mo_SIGAE3_	0.06354386	0.6222305	0.00011758	0.097678	-0.5246
9mo_SIGAE3_	0.05416924	0.53092635	0.0001091	0.092966	-0.097097
9mo_SIGAE3_	0.01043392	0.10496579	6.02E-05	0.015048	0.10718
9mo_SIGAE3_	0.0673872	0.65966284	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.04078632	0.40058324	9.46E-05	0.10971	0.3027
9mo_SIGAE3_	0.04819175	0.47270858	0.00010271	0.09665	0.091263
9mo_SIGAE3_	0.04872323	0.4778849	0.00010344	0.095375	0.081803
9mo_SIGAE3_	0.06457323	0.6322561	0.00011843	0.096001	-0.57526
9mo_SIGAE3_	0.07230785	0.70758754	0.00012424	0.071279	-0.93514
9mo_SIGAE3_	0.06440876	0.63065434	0.00011843	0.096001	-0.55833
9mo_SIGAE3_	0.05395569	0.5288465	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.05121176	0.502122	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.00684005	0.0699632	5.72E-05	0.011238	0.16213
9mo_SIGAE3_	0.05453602	0.53449863	0.00010944	0.093233	-0.11022
9mo_SIGAE3_	0.01041243	0.10475649	6.02E-05	0.015048	0.10718

9mo_SIGAE3_	0.04662778	0.4574762	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.02828742	0.2788501	7.94E-05	0.059253	0.76245
9mo_SIGAE3_	0.04876506	0.47829235	0.00010344	0.095375	0.081803
9mo_SIGAE3_	0.05847642	0.57287616	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.05452583	0.5343994	0.00010944	0.093233	-0.11022
9mo_SIGAE3_	0.03757587	0.36931512	9.06E-05	0.10531	0.41807
9mo_SIGAE3_	0.0173626	0.17244771	6.72E-05	0.026262	0.35829
9mo_SIGAE3_	0.05450714	0.53421736	0.00010944	0.093233	-0.11022
9mo_SIGAE3_	0.04370251	0.42898557	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.03589769	0.35297042	8.90E-05	0.10026	0.49376
9mo_SIGAE3_	0.07499155	0.7337255	0.00012577	0.064358	-1.0462
9mo_SIGAE3_	0.07349432	0.7191432	0.00012491	0.068128	-0.99278
9mo_SIGAE3_	0.05078399	0.49795568	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.07610074	0.7445285	0.0001266	0.061174	-1.0832
9mo_SIGAE3_	0.01492448	0.14870162	6.44E-05	0.021412	0.22576
9mo_SIGAE3_	0.04110445	0.4036817	9.50E-05	0.10955	0.29155
9mo_SIGAE3_	0.0770458	0.75373286	0.000127	0.059827	-1.117
9mo_SIGAE3_	0.08852425	0.8655273	0.00013261	0.052631	-1.32
9mo_SIGAE3_	0.07317848	0.716067	0.00012469	0.069151	-0.97873
9mo_SIGAE3_	0.04423547	0.43417633	9.86E-05	0.10494	0.20107
9mo_SIGAE3_	0.08080839	0.7903787	0.00012907	0.054994	-1.2155
9mo_SIGAE3_	0.03510856	0.34528464	8.77E-05	0.095565	0.52494
9mo_SIGAE3_	0.07790402	0.7620915	0.00012759	0.058113	-1.1478
9mo_SIGAE3_	0.04521704	0.4437363	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.03630507	0.35693812	8.94E-05	0.10166	0.47826
9mo_SIGAE3_	0.06993657	0.68449247	0.0001226	0.07935	-0.82636
9mo_SIGAE3_	0.0761485	0.74499357	0.0001266	0.061174	-1.0832
9mo_SIGAE3_	0.08440302	0.8253886	0.00013089	0.053084	-1.2797
9mo_SIGAE3_	0.01824551	0.18104684	6.80E-05	0.027619	0.4001
9mo_SIGAE3_	0.07900765	0.7728403	0.00012816	0.056721	-1.1755
9mo_SIGAE3_	0.0126839	0.12687948	6.24E-05	0.018271	0.13519
9mo_SIGAE3_	0.01339639	0.13381878	6.30E-05	0.019276	0.15521
9mo_SIGAE3_	0.06913678	0.6767029	0.00012186	0.08293	-0.79386
9mo_SIGAE3_	0.06285556	0.61552685	0.00011701	0.098387	-0.49111
9mo_SIGAE3_	0.00941888	0.09507976	5.92E-05	0.013809	0.11014
9mo_SIGAE3_	0.04787121	0.46958667	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.02386632	0.23579077	7.46E-05	0.042633	0.71639
9mo_SIGAE3_	0.02911532	0.2869135	8.07E-05	0.064343	0.751
9mo_SIGAE3_	0.07873083	0.7701442	0.00012797	0.057152	-1.1666
9mo_SIGAE3_	0.08457038	0.82701856	0.00013089	0.053084	-1.2797
9mo_SIGAE3_	0.06933288	0.67861277	0.00012211	0.081739	-0.81017
9mo_SIGAE3_	0.06125266	0.5999154	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.02268411	0.22427662	7.30E-05	0.038397	0.65846
9mo_SIGAE3_	0.04691493	0.46027294	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.07092619	0.69413084	0.00012331	0.075804	-0.87403
9mo_SIGAE3_	0.05258204	0.51546776	0.00010738	0.092189	-0.046772

9mo_SIGAE3_	0.04436167	0.4354055	9.86E-05	0.10494	0.19178
9mo_SIGAE3_	0.04527007	0.44425288	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.05232038	0.5129193	0.00010703	0.092172	-0.03476
9mo_SIGAE3_	0.07064808	0.6914222	0.00012308	0.076976	-0.8583
9mo_SIGAE3_	0.01857639	0.18426946	6.84E-05	0.028322	0.42127
9mo_SIGAE3_	0.06772013	0.6629054	0.00012084	0.087573	-0.72756
9mo_SIGAE3_	0.0566576	0.5551618	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.02028102	0.20087175	7.02E-05	0.032119	0.52662
9mo_SIGAE3_	0.0492079	0.48260537	0.00010381	0.094798	0.062467
9mo_SIGAE3_	0.04834626	0.47421336	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.05214434	0.51120484	0.00010703	0.092172	-0.022986
9mo_SIGAE3_	0.04668962	0.4580785	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.07048462	0.6898301	0.00012284	0.078159	-0.8583
9mo_SIGAE3_	0.03126136	0.30781484	8.32E-05	0.075317	0.69526
9mo_SIGAE3_	0.01126697	0.1130793	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.0673908	0.6596979	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.04125657	0.4051633	9.50E-05	0.10955	0.28067
9mo_SIGAE3_	0.05425429	0.53175473	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.04250692	0.4173411	9.66E-05	0.10808	0.24945
9mo_SIGAE3_	0.06730299	0.6588427	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.01647147	0.16376859	6.62E-05	0.024342	0.29808
9mo_SIGAE3_	0.01198292	0.12005227	6.17E-05	0.017303	0.12065
9mo_SIGAE3_	0.04903646	0.4809356	0.00010381	0.094798	0.072211
9mo_SIGAE3_	0.08186249	0.80064505	0.00012959	0.054253	-1.2361
9mo_SIGAE3_	0.04595536	0.45092723	0.00010046	0.10111	0.1553
9mo_SIGAE3_	0.05111434	0.50117314	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.03802644	0.37370342	9.14E-05	0.10717	0.40374
9mo_SIGAE3_	0.012046	0.12066661	6.17E-05	0.017303	0.12065
9mo_SIGAE3_	0.02315471	0.22886	7.34E-05	0.039406	0.68948
9mo_SIGAE3_	0.07978654	0.7804263	0.00012853	0.055948	-1.1924
9mo_SIGAE3_	0.02374799	0.23463829	7.42E-05	0.041523	0.70349
9mo_SIGAE3_	0.0600792	0.58848643	0.00011462	0.098526	-0.36038
9mo_SIGAE3_	0.02038391	0.20187382	7.02E-05	0.032119	0.54704
9mo_SIGAE3_	0.07520191	0.7357743	0.00012598	0.063504	-1.0589
9mo_SIGAE3_	0.04815765	0.4723764	0.00010271	0.09665	0.091263
9mo_SIGAE3_	0.01168947	0.11719424	6.14E-05	0.016833	0.11542
9mo_SIGAE3_	0.07325591	0.7168212	0.00012469	0.069151	-0.97873
9mo_SIGAE3_	0.07895275	0.77230555	0.00012816	0.056721	-1.1755
9mo_SIGAE3_	0.04391345	0.43104005	9.82E-05	0.10565	0.21046
9mo_SIGAE3_	0.05379926	0.52732295	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.07969102	0.779496	0.00012853	0.055948	-1.1924
9mo_SIGAE3_	0.02667165	0.26311332	7.78E-05	0.053015	0.77158
9mo_SIGAE3_	0.06371881	0.6239345	0.00011787	0.097201	-0.5246
9mo_SIGAE3_	0.01499765	0.14941432	6.47E-05	0.021973	0.22576
9mo_SIGAE3_	0.05678538	0.55640626	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.05714287	0.55988806	0.00011177	0.095663	-0.22216

9mo_SIGAE3_	0.0387937	0.38117614	9.22E-05	0.10852	0.37625
9mo_SIGAE3_	0.06571427	0.6433693	0.00011925	0.093659	-0.62617
9mo_SIGAE3_	0.01727532	0.1715977	6.69E-05	0.025607	0.33781
9mo_SIGAE3_	0.01332763	0.13314909	6.30E-05	0.019276	0.15521
9mo_SIGAE3_	0.0201212	0.19931513	7.02E-05	0.032119	0.52662
9mo_SIGAE3_	0.0239215	0.2363282	7.46E-05	0.042633	0.71639
9mo_SIGAE3_	0.04363338	0.42831227	9.78E-05	0.10633	0.21998
9mo_SIGAE3_	0.05588337	0.54762113	0.00011078	0.094541	-0.16472
9mo_SIGAE3_	0.04899178	0.48050052	0.00010381	0.094798	0.072211
9mo_SIGAE3_	0.00605694	0.06233611	5.66E-05	0.010584	0.18365
9mo_SIGAE3_	0.05018583	0.49212992	0.0001049	0.093366	0.032151
9mo_SIGAE3_	0.0063605	0.06529268	5.69E-05	0.010907	0.17252
9mo_SIGAE3_	0.08991965	0.87911785	0.00013313	0.052597	-1.3283
9mo_SIGAE3_	0.07597984	0.743351	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.05665587	0.5551449	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.06860226	0.6714969	0.00012161	0.084113	-0.7609
9mo_SIGAE3_	0.00994697	0.10022315	5.98E-05	0.014626	0.1081
9mo_SIGAE3_	0.05300346	0.5195722	0.00010773	0.092257	-0.059017
9mo_SIGAE3_	0.04607767	0.4521185	0.00010046	0.10111	0.14626
9mo_SIGAE3_	0.01146976	0.11505431	6.11E-05	0.016373	0.11542
9mo_SIGAE3_	0.05680231	0.5565712	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.01517592	0.15111505	6.47E-05	0.021973	0.22576
9mo_SIGAE3_	0.01709466	0.16983807	6.69E-05	0.025607	0.33781
9mo_SIGAE3_	0.05579533	0.54676366	0.00011045	0.094186	-0.16472
9mo_SIGAE3_	0.05194003	0.50921494	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.07274346	0.7118302	0.00012446	0.070202	-0.96444
9mo_SIGAE3_	0.05999889	0.58770424	0.00011462	0.098526	-0.3445
9mo_SIGAE3_	0.05833314	0.5714807	0.00011305	0.097132	-0.26697
9mo_SIGAE3_	0.06613933	0.6475092	0.00011979	0.091802	-0.64315
9mo_SIGAE3_	0.0585796	0.5738811	0.00011337	0.097465	-0.2822
9mo_SIGAE3_	0.08630632	0.8439258	0.00013164	0.052775	-1.2997
9mo_SIGAE3_	0.02495929	0.24643579	7.58E-05	0.046199	0.74769
9mo_SIGAE3_	0.06499663	0.63637984	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.03323804	0.3270667	8.57E-05	0.086671	0.61617
9mo_SIGAE3_	0.06104667	0.59790915	0.00011553	0.098907	-0.39249
9mo_SIGAE3_	0.04582807	0.44968745	0.00010009	0.1019	0.1553
9mo_SIGAE3_	0.04780982	0.46898875	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.02825034	0.27848902	7.94E-05	0.059253	0.76245
9mo_SIGAE3_	0.0419613	0.41202703	9.58E-05	0.10896	0.25963
9mo_SIGAE3_	0.06446136	0.6311666	0.00011843	0.096001	-0.55833
9mo_SIGAE3_	0.04805016	0.4713295	0.00010271	0.09665	0.10061
9mo_SIGAE3_	0.00743779	0.07578496	5.78E-05	0.011928	0.14372
9mo_SIGAE3_	0.02664885	0.26289126	7.78E-05	0.053015	0.77158
9mo_SIGAE3_	0.07241307	0.70861226	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.07495615	0.7333807	0.00012577	0.064358	-1.0462
9mo_SIGAE3_	0.07881075	0.7709226	0.00012816	0.056721	-1.1666

9mo_SIGAE3_	0.07637929	0.7472414	0.0001266	0.061174	-1.0948
9mo_SIGAE3_	0.06000811	0.5877941	0.00011462	0.098526	-0.3445
9mo_SIGAE3_	0.03274069	0.32222283	8.48E-05	0.082909	0.6305
9mo_SIGAE3_	0.06837526	0.669286	0.00012136	0.085284	-0.7609
9mo_SIGAE3_	0.06522592	0.63861305	0.00011898	0.094504	-0.60919
9mo_SIGAE3_	0.05025224	0.49277675	0.0001049	0.093366	0.032151
9mo_SIGAE3_	0.00831198	0.08429913	5.84E-05	0.012653	0.12871
9mo_SIGAE3_	0.046491	0.45614406	0.00010084	0.10033	0.13721
9mo_SIGAE3_	0.02514737	0.24826756	7.58E-05	0.046199	0.74769
9mo_SIGAE3_	0.0793131	0.77581525	0.00012835	0.05632	-1.1841
9mo_SIGAE3_	0.06429582	0.6295543	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.00720623	0.07352964	5.75E-05	0.011579	0.15252
9mo_SIGAE3_	0.07016343	0.68670195	0.0001226	0.07935	-0.8424
9mo_SIGAE3_	0.07173194	0.70197845	0.00012378	0.073503	-0.92016
9mo_SIGAE3_	0.06208761	0.6080474	0.00011642	0.098794	-0.44141
9mo_SIGAE3_	0.05666433	0.5552273	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.07097804	0.6946358	0.00012331	0.075804	-0.87403
9mo_SIGAE3_	0.03164676	0.31156847	8.36E-05	0.07721	0.6834
9mo_SIGAE3_	0.01617792	0.16090956	6.58E-05	0.023731	0.27899
9mo_SIGAE3_	0.07106867	0.6955185	0.00012331	0.075804	-0.88959
9mo_SIGAE3_	0.07882973	0.77110744	0.00012816	0.056721	-1.1666
9mo_SIGAE3_	0.06127426	0.6001258	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.05204014	0.51018995	0.00010703	0.092172	-0.022986
9mo_SIGAE3_	0.01862821	0.18477415	6.84E-05	0.028322	0.42127
9mo_SIGAE3_	0.06842681	0.6697881	0.00012136	0.085284	-0.7609
9mo_SIGAE3_	0.05185299	0.50836724	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.05428362	0.53204036	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.04365851	0.42855698	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.05541392	0.543049	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.0143917	0.14351259	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.06310795	0.61798507	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.0574806	0.5631774	0.00011209	0.096042	-0.23694
9mo_SIGAE3_	0.05162402	0.5061372	0.00010632	0.092309	-0.011455
9mo_SIGAE3_	0.05154805	0.5053972	0.00010632	0.092309	-0.011455
9mo_SIGAE3_	0.04389904	0.4308997	9.82E-05	0.10565	0.21046
9mo_SIGAE3_	0.06471825	0.63366854	0.00011843	0.096001	-0.57526
9mo_SIGAE3_	0.06033256	0.590954	0.00011492	0.0987	-0.36038
9mo_SIGAE3_	0.05911339	0.5790799	0.00011368	0.097776	-0.31309
9mo_SIGAE3_	0.07495466	0.7333662	0.00012577	0.064358	-1.0462
9mo_SIGAE3_	0.02432153	0.24022429	7.50E-05	0.043782	0.72811
9mo_SIGAE3_	0.07423762	0.7263825	0.00012534	0.066176	-1.0201
9mo_SIGAE3_	0.08226106	0.804527	0.00012993	0.053861	-1.2424
9mo_SIGAE3_	0.03352043	0.32981706	8.61E-05	0.088522	0.60151
9mo_SIGAE3_	0.07281099	0.7124878	0.00012446	0.070202	-0.96444
9mo_SIGAE3_	0.04990996	0.48944312	0.00010453	0.09379	0.042456
9mo_SIGAE3_	0.01551799	0.15448213	6.51E-05	0.022546	0.24275

9mo_SIGAE3_	0.05382881	0.5276108	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.07207688	0.705338	0.00012401	0.07238	-0.93514
9mo_SIGAE3_	0.06995482	0.6846702	0.0001226	0.07935	-0.82636
9mo_SIGAE3_	0.03621892	0.356099	8.90E-05	0.10026	0.47826
9mo_SIGAE3_	0.06873525	0.67279214	0.00012161	0.084113	-0.77743
9mo_SIGAE3_	0.03744154	0.36800683	9.06E-05	0.10531	0.43275
9mo_SIGAE3_	0.05099628	0.5000233	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.07735833	0.75677675	0.0001272	0.059217	-1.1276
9mo_SIGAE3_	0.0608545	0.59603757	0.00011523	0.098828	-0.39249
9mo_SIGAE3_	0.04522579	0.44382155	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.0482679	0.47345024	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.05384158	0.52773505	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.05064898	0.49664074	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.06653145	0.6513282	0.00012006	0.090801	-0.66011
9mo_SIGAE3_	0.07222953	0.7068247	0.00012401	0.07238	-0.93514
9mo_SIGAE3_	0.0107791	0.10832761	6.05E-05	0.01548	0.10741
9mo_SIGAE3_	0.06404809	0.62714154	0.00011815	0.096641	-0.54144
9mo_SIGAE3_	0.04313526	0.4234608	9.74E-05	0.10696	0.22964
9mo_SIGAE3_	0.06798261	0.6654618	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.06613541	0.64747095	0.00011979	0.091802	-0.64315
9mo_SIGAE3_	0.03941947	0.38727084	9.30E-05	0.10937	0.35035
9mo_SIGAE3_	0.04770415	0.46795958	0.00010234	0.09734	0.10986
9mo_SIGAE3_	0.06486447	0.6350927	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.03982778	0.39124754	9.34E-05	0.10962	0.33794
9mo_SIGAE3_	0.04024804	0.3953407	9.38E-05	0.10975	0.31414
9mo_SIGAE3_	0.09285995	0.90775496	0.00013408	0.052495	-1.3392
9mo_SIGAE3_	0.0678544	0.66421306	0.0001211	0.086439	-0.72756
9mo_SIGAE3_	0.041448	0.40702772	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.03026286	0.29808992	8.19E-05	0.069725	0.72675
9mo_SIGAE3_	0.03832898	0.37665	9.18E-05	0.10791	0.38979
9mo_SIGAE3_	0.07784285	0.7614957	0.00012759	0.058113	-1.1379
9mo_SIGAE3_	0.09381344	0.9170415	0.00013442	0.052444	-1.3416
9mo_SIGAE3_	0.05424155	0.5316306	0.0001091	0.092966	-0.097097
9mo_SIGAE3_	0.08403959	0.821849	0.00013074	0.053178	-1.2751
9mo_SIGAE3_	0.07296041	0.7139432	0.00012446	0.070202	-0.96444
9mo_SIGAE3_	0.01145905	0.11495002	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.01012175	0.10192534	5.98E-05	0.014626	0.10718
9mo_SIGAE3_	0.04833539	0.47410756	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.07181022	0.7027409	0.00012378	0.073503	-0.92016
9mo_SIGAE3_	0.04167086	0.40919828	9.54E-05	0.10929	0.27003
9mo_SIGAE3_	0.03349747	0.32959348	8.61E-05	0.088522	0.60151
9mo_SIGAE3_	0.01132601	0.11365428	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.05718717	0.5603195	0.00011209	0.096042	-0.22216
9mo_SIGAE3_	0.07754404	0.75858545	0.0001274	0.058646	-1.1379
9mo_SIGAE3_	0.07209573	0.7055216	0.00012401	0.07238	-0.93514
9mo_SIGAE3_	0.07570379	0.7406623	0.00012619	0.062687	-1.0712

9mo_SIGAE3_	0.04668028	0.4579876	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.01182732	0.11853682	6.14E-05	0.016833	0.12065
9mo_SIGAE3_	0.05688521	0.55737853	0.00011177	0.095663	-0.20754
9mo_SIGAE3_	0.01803984	0.17904373	6.80E-05	0.027619	0.4001
9mo_SIGAE3_	0.04824898	0.47326595	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.06309864	0.61789435	0.0001173	0.098072	-0.49111
9mo_SIGAE3_	0.04557082	0.44718203	0.00010009	0.1019	0.16436
9mo_SIGAE3_	0.02537042	0.25044	7.62E-05	0.047472	0.75539
9mo_SIGAE3_	0.05312328	0.52073926	0.00010807	0.092373	-0.059017
9mo_SIGAE3_	0.03487936	0.34305245	8.77E-05	0.095565	0.54051
9mo_SIGAE3_	0.09163004	0.8957762	0.00013374	0.052539	-1.336
9mo_SIGAE3_	0.04149911	0.40752554	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.02626568	0.25915936	7.70E-05	0.050154	0.76965
9mo_SIGAE3_	0.05329511	0.5224128	0.00010807	0.092373	-0.07149
9mo_SIGAE3_	0.07073017	0.69222164	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.06799684	0.66560036	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.05056679	0.49584028	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.04271376	0.4193556	9.66E-05	0.10808	0.23945
9mo_SIGAE3_	0.06909038	0.676251	0.00012186	0.08293	-0.79386
9mo_SIGAE3_	0.0367215	0.36099395	8.98E-05	0.10298	0.46289
9mo_SIGAE3_	0.04142404	0.40679434	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.0112993	0.11339418	6.11E-05	0.016373	0.1115
9mo_SIGAE3_	0.02235635	0.2210844	7.26E-05	0.037419	0.64161
9mo_SIGAE3_	0.06688895	0.65481013	0.00012032	0.089759	-0.67704
9mo_SIGAE3_	0.05832145	0.5713669	0.00011305	0.097132	-0.26697
9mo_SIGAE3_	0.04830257	0.47378787	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.03738491	0.36745524	9.06E-05	0.10531	0.43275
9mo_SIGAE3_	0.08156321	0.79773015	0.00012959	0.054253	-1.2295
9mo_SIGAE3_	0.05744442	0.56282496	0.00011209	0.096042	-0.23694
9mo_SIGAE3_	0.06692985	0.6552084	0.00012032	0.089759	-0.69393
9mo_SIGAE3_	0.04669542	0.45813504	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.02199937	0.21760765	7.22E-05	0.03647	0.62396
9mo_SIGAE3_	0.07271762	0.71157855	0.00012446	0.070202	-0.9499
9mo_SIGAE3_	0.04949401	0.48539197	0.00010417	0.094268	0.052555
9mo_SIGAE3_	0.08393321	0.8208129	0.00013058	0.053285	-1.2702
9mo_SIGAE3_	0.0108749	0.10926069	6.08E-05	0.015922	0.10884
9mo_SIGAE3_	0.01301241	0.13007905	6.27E-05	0.018769	0.14454
9mo_SIGAE3_	0.02091209	0.20701805	7.10E-05	0.033786	0.56707
9mo_SIGAE3_	0.02320472	0.22934712	7.38E-05	0.040447	0.68948
9mo_SIGAE3_	0.01673738	0.16635838	6.65E-05	0.024968	0.31771
9mo_SIGAE3_	0.04500133	0.44163546	9.93E-05	0.10345	0.18258
9mo_SIGAE3_	0.06577398	0.6439508	0.00011953	0.092756	-0.62617
9mo_SIGAE3_	0.00823401	0.08353968	5.84E-05	0.012653	0.12871
9mo_SIGAE3_	0.04058426	0.39861536	9.42E-05	0.10978	0.3027
9mo_SIGAE3_	0.04455534	0.43729168	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.04278609	0.42006007	9.70E-05	0.10755	0.23945

9mo_SIGAE3_	0.07604168	0.7439532	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.0575367	0.5637238	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.08417386	0.82315665	0.00013074	0.053178	-1.2751
9mo_SIGAE3_	0.0584384	0.5725059	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.06600379	0.6461891	0.00011953	0.092756	-0.64315
9mo_SIGAE3_	0.05934534	0.581339	0.000114	0.098059	-0.31309
9mo_SIGAE3_	0.02904281	0.28620726	8.07E-05	0.064343	0.751
9mo_SIGAE3_	0.05378092	0.5271443	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.0092246	0.09318756	5.92E-05	0.013809	0.11326
9mo_SIGAE3_	0.04698779	0.46098256	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.02853387	0.2812504	7.99E-05	0.060913	0.76245
9mo_SIGAE3_	0.05754415	0.56379634	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.02781293	0.27422887	7.90E-05	0.057632	0.76966
9mo_SIGAE3_	0.06719005	0.6577427	0.00012058	0.088682	-0.69393
9mo_SIGAE3_	0.04108104	0.40345374	9.50E-05	0.10955	0.29155
9mo_SIGAE3_	0.06721628	0.65799814	0.00012058	0.088682	-0.69393
9mo_SIGAE3_	0.05186484	0.50848264	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.06497954	0.63621336	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.07616602	0.7451642	0.0001266	0.061174	-1.0948
9mo_SIGAE3_	0.07203244	0.7049052	0.00012401	0.07238	-0.92016
9mo_SIGAE3_	0.03610478	0.35498738	8.90E-05	0.10026	0.49376
9mo_SIGAE3_	0.06561902	0.64244163	0.00011925	0.093659	-0.62617
9mo_SIGAE3_	0.04693864	0.46050388	0.00010159	0.098799	0.12814
9mo_SIGAE3_	0.07887946	0.77159184	0.00012816	0.056721	-1.1666
9mo_SIGAE3_	0.01903693	0.18875489	6.87E-05	0.029043	0.46374
9mo_SIGAE3_	0.06167372	0.6040163	0.00011613	0.098894	-0.42501
9mo_SIGAE3_	0.06644739	0.65050954	0.00012006	0.090801	-0.66011
9mo_SIGAE3_	0.06254976	0.61254853	0.00011672	0.098627	-0.47447
9mo_SIGAE3_	0.0712759	0.6975368	0.00012355	0.074645	-0.88959
9mo_SIGAE3_	0.05887349	0.5767435	0.00011337	0.097465	-0.29758
9mo_SIGAE3_	0.05039038	0.49412212	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.07713569	0.75460833	0.0001272	0.059217	-1.117
9mo_SIGAE3_	0.07414465	0.7254771	0.00012534	0.066176	-1.0201
9mo_SIGAE3_	0.07370824	0.7212267	0.00012513	0.067136	-0.99278
9mo_SIGAE3_	0.06292775	0.6162299	0.00011701	0.098387	-0.49111
9mo_SIGAE3_	0.05068605	0.49700183	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.07903183	0.77307576	0.00012816	0.056721	-1.1755
9mo_SIGAE3_	0.03848839	0.37820256	9.18E-05	0.10791	0.38979
9mo_SIGAE3_	0.0608672	0.5961612	0.00011523	0.098828	-0.39249
9mo_SIGAE3_	0.00337343	0.03620004	5.44E-05	0.0082917	0.2947
9mo_SIGAE3_	0.03110619	0.3063036	8.32E-05	0.075317	0.69526
9mo_SIGAE3_	0.09322839	0.9113434	0.00013419	0.052478	-1.3401
9mo_SIGAE3_	0.06339397	0.62077075	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.00911322	0.09210283	5.92E-05	0.013809	0.11326
9mo_SIGAE3_	0.04985486	0.48890647	0.00010453	0.09379	0.042456
9mo_SIGAE3_	0.05156065	0.5055199	0.00010632	0.092309	-0.011455

9mo_SIGAE3_	0.08411164	0.82255065	0.00013074	0.053178	-1.2751
9mo_SIGAE3_	0.06491963	0.6356299	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.03261684	0.32101658	8.48E-05	0.082909	0.64444
9mo_SIGAE3_	0.04151756	0.40770522	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.09256484	0.9048807	0.00013408	0.052495	-1.3382
9mo_SIGAE3_	0.01239052	0.12402211	6.21E-05	0.017782	0.12723
9mo_SIGAE3_	0.02530832	0.24983516	7.62E-05	0.047472	0.75539
9mo_SIGAE3_	0.08335137	0.81514597	0.00013042	0.053406	-1.2651
9mo_SIGAE3_	0.05063698	0.4965239	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.04137331	0.40630025	9.50E-05	0.10955	0.28067
9mo_SIGAE3_	0.04382169	0.4301463	9.82E-05	0.10565	0.21046
9mo_SIGAE3_	0.05806818	0.56890017	0.00011273	0.096781	-0.26697
9mo_SIGAE3_	0.0449581	0.44121438	9.93E-05	0.10345	0.18258
9mo_SIGAE3_	0.02283125	0.22570972	7.30E-05	0.038397	0.67444
9mo_SIGAE3_	0.01003552	0.10108554	5.98E-05	0.014626	0.1081
9mo_SIGAE3_	0.06853528	0.6708446	0.00012161	0.084113	-0.7609
9mo_SIGAE3_	0.07136723	0.6984264	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.08062717	0.7886136	0.00012907	0.054994	-1.2155
9mo_SIGAE3_	0.031249	0.3076945	8.32E-05	0.075317	0.69526
9mo_SIGAE3_	0.07148998	0.69962186	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.06450246	0.6315668	0.00011843	0.096001	-0.55833
9mo_SIGAE3_	0.04862857	0.47696295	0.00010344	0.095375	0.081803
9mo_SIGAE3_	0.07475789	0.7314497	0.00012577	0.064358	-1.0333
9mo_SIGAE3_	0.07098325	0.6946866	0.00012331	0.075804	-0.87403
9mo_SIGAE3_	0.05327879	0.52225375	0.00010807	0.092373	-0.07149
9mo_SIGAE3_	0.0699601	0.6847215	0.0001226	0.07935	-0.82636
9mo_SIGAE3_	0.058421	0.57233644	0.00011305	0.097132	-0.2822
9mo_SIGAE3_	0.09369703	0.91590774	0.00013442	0.052444	-1.3416
9mo_SIGAE3_	0.0185269	0.18378744	6.84E-05	0.028322	0.42127
9mo_SIGAE3_	0.02609766	0.25752294	7.70E-05	0.050154	0.76634
9mo_SIGAE3_	0.03615322	0.35545918	8.90E-05	0.10026	0.47826
9mo_SIGAE3_	0.01187947	0.11904468	6.17E-05	0.017303	0.12065
9mo_SIGAE3_	0.07727648	0.75597954	0.0001272	0.059217	-1.1276
9mo_SIGAE3_	0.0582834	0.5709963	0.00011305	0.097132	-0.26697
9mo_SIGAE3_	0.08399733	0.82143736	0.00013074	0.053178	-1.2702
9mo_SIGAE3_	0.05284314	0.5180108	0.00010773	0.092257	-0.046772
9mo_SIGAE3_	0.06559098	0.6421685	0.00011925	0.093659	-0.62617
9mo_SIGAE3_	0.05590888	0.54786956	0.00011078	0.094541	-0.16472
9mo_SIGAE3_	0.03563738	0.35043517	8.86E-05	0.098764	0.50933
9mo_SIGAE3_	0.051734	0.5072083	0.00010668	0.092211	-0.011455
9mo_SIGAE3_	0.07058954	0.69085205	0.00012308	0.076976	-0.8583
9mo_SIGAE3_	0.07704405	0.7537158	0.000127	0.059827	-1.117
9mo_SIGAE3_	0.03508684	0.34507313	8.77E-05	0.095565	0.52494
9mo_SIGAE3_	0.0568896	0.5574213	0.00011177	0.095663	-0.20754
9mo_SIGAE3_	0.0668266	0.6542029	0.00012032	0.089759	-0.67704
9mo_SIGAE3_	0.06144912	0.6018289	0.00011583	0.09893	-0.42501

9mo_SIGAE3_	0.0343381	0.33778077	8.69E-05	0.09213	0.57137
9mo_SIGAE3_	0.0099145	0.0999069	5.98E-05	0.014626	0.1081
9mo_SIGAE3_	0.05199225	0.50972354	0.00010668	0.092211	-0.022986
9mo_SIGAE3_	0.05943174	0.58218056	0.000114	0.098059	-0.32873
9mo_SIGAE3_	0.01106019	0.11106529	6.08E-05	0.015922	0.10884
9mo_SIGAE3_	0.06971385	0.6823232	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.05762633	0.56459665	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.06320659	0.6189457	0.0001173	0.098072	-0.50782
9mo_SIGAE3_	0.09496156	0.9282236	0.00013484	0.052368	-1.3433
9mo_SIGAE3_	0.07663757	0.7497569	0.0001268	0.060479	-1.1061
9mo_SIGAE3_	0.03434625	0.33786017	8.69E-05	0.09213	0.57137
9mo_SIGAE3_	0.0266105	0.26251772	7.74E-05	0.051562	0.77158
9mo_SIGAE3_	0.0211708	0.20953774	7.14E-05	0.034655	0.58661
9mo_SIGAE3_	0.05611867	0.5499128	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.05992264	0.5869617	0.00011462	0.098526	-0.3445
9mo_SIGAE3_	0.04779215	0.46881664	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.07604271	0.74396324	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.08129738	0.7951411	0.00012942	0.054478	-1.2295
9mo_SIGAE3_	0.06186951	0.60592324	0.00011613	0.098894	-0.44141
9mo_SIGAE3_	0.02927552	0.28847378	8.07E-05	0.064343	0.7438
9mo_SIGAE3_	0.07878406	0.7706626	0.00012797	0.057152	-1.1666
9mo_SIGAE3_	0.08662491	0.8470287	0.00013179	0.052739	-1.3031
9mo_SIGAE3_	0.0736732	0.72088534	0.00012513	0.067136	-0.99278
9mo_SIGAE3_	0.04709937	0.46206933	0.00010159	0.098799	0.11903
9mo_SIGAE3_	0.0932562	0.9116142	0.00013431	0.052462	-1.3401
9mo_SIGAE3_	0.0068876	0.07042631	5.72E-05	0.011238	0.16213
9mo_SIGAE3_	0.02986379	0.2942032	8.15E-05	0.067903	0.7357
9mo_SIGAE3_	0.06385936	0.6253034	0.00011787	0.097201	-0.54144
9mo_SIGAE3_	0.03182738	0.31332755	8.40E-05	0.07911	0.67094
9mo_SIGAE3_	0.0680367	0.6659886	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.04323918	0.42447296	9.74E-05	0.10696	0.22964
9mo_SIGAE3_	0.07956137	0.77823323	0.00012853	0.055948	-1.1841
9mo_SIGAE3_	0.05138156	0.5037757	0.00010632	0.092309	-0.0001745
9mo_SIGAE3_	0.00461338	0.04827653	5.52E-05	0.0090922	0.24903
9mo_SIGAE3_	0.07579971	0.7415966	0.0001264	0.06191	-1.0712
9mo_SIGAE3_	0.0078024	0.07933608	5.81E-05	0.012286	0.13577
9mo_SIGAE3_	0.03303521	0.32509127	8.52E-05	0.084798	0.61617
9mo_SIGAE3_	0.07160833	0.70077455	0.00012378	0.073503	-0.90497
9mo_SIGAE3_	0.08420021	0.8234133	0.00013074	0.053178	-1.2751
9mo_SIGAE3_	0.05386193	0.5279333	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.06812494	0.666848	0.0001211	0.086439	-0.74427
9mo_SIGAE3_	0.013932	0.1390354	6.37E-05	0.020323	0.18023
9mo_SIGAE3_	0.06365334	0.6232968	0.00011758	0.097678	-0.5246
9mo_SIGAE3_	0.04495925	0.44122562	9.93E-05	0.10345	0.18258
9mo_SIGAE3_	0.00773382	0.07866811	5.81E-05	0.012286	0.13577
9mo_SIGAE3_	0.04612909	0.45261928	0.00010046	0.10111	0.14626

9mo_SIGAE3_	0.08265454	0.80835927	0.00013009	0.053693	-1.2543
9mo_SIGAE3_	0.06014653	0.5891422	0.00011462	0.098526	-0.36038
9mo_SIGAE3_	0.04151434	0.40767384	9.54E-05	0.10929	0.28067
9mo_SIGAE3_	0.07911011	0.7738382	0.00012816	0.056721	-1.1755
9mo_SIGAE3_	0.04755596	0.4665163	0.00010197	0.098057	0.10986
9mo_SIGAE3_	0.05038049	0.49402583	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.08335961	0.8152263	0.00013042	0.053406	-1.2651
9mo_SIGAE3_	0.05819451	0.5701305	0.00011273	0.096781	-0.26697
9mo_SIGAE3_	0.0833715	0.81534207	0.00013042	0.053406	-1.2651
9mo_SIGAE3_	0.07658885	0.74928236	0.0001268	0.060479	-1.1061
9mo_SIGAE3_	0.04747959	0.46577245	0.00010197	0.098057	0.10986
9mo_SIGAE3_	0.06709385	0.65680575	0.00012032	0.089759	-0.69393
9mo_SIGAE3_	0.01484596	0.14793691	6.44E-05	0.021412	0.20962
9mo_SIGAE3_	0.07831927	0.7661358	0.00012778	0.057615	-1.1573
9mo_SIGAE3_	0.05970466	0.5848386	0.00011431	0.098311	-0.32873
9mo_SIGAE3_	0.05768734	0.56519085	0.00011241	0.096416	-0.25188
9mo_SIGAE3_	0.08052863	0.7876539	0.00012907	0.054994	-1.2081
9mo_SIGAE3_	0.05053989	0.49557832	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.06263442	0.61337304	0.00011672	0.098627	-0.47447
9mo_SIGAE3_	0.07587255	0.74230593	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.02613313	0.25786835	7.70E-05	0.050154	0.76634
9mo_SIGAE3_	0.06321564	0.6190339	0.0001173	0.098072	-0.50782
9mo_SIGAE3_	0.01153475	0.1156873	6.14E-05	0.016833	0.11542
9mo_SIGAE3_	0.064271	0.6293126	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.073078	0.7150884	0.00012469	0.069151	-0.97873
9mo_SIGAE3_	0.07475557	0.73142713	0.00012577	0.064358	-1.0333
9mo_SIGAE3_	0.05546759	0.54357165	0.00011045	0.094186	-0.1508
9mo_SIGAE3_	0.07740987	0.75727874	0.0001272	0.059217	-1.1276
9mo_SIGAE3_	0.066392	0.64997005	0.00011979	0.091802	-0.66011
9mo_SIGAE3_	0.00911827	0.09215201	5.92E-05	0.013809	0.11326
9mo_SIGAE3_	0.05008591	0.49115676	0.0001049	0.093366	0.042456
9mo_SIGAE3_	0.07546122	0.7382998	0.00012619	0.062687	-1.0589
9mo_SIGAE3_	0.07524712	0.7362146	0.00012598	0.063504	-1.0589
9mo_SIGAE3_	0.01770458	0.17577842	6.76E-05	0.026932	0.37908
9mo_SIGAE3_	0.04411825	0.4330347	9.82E-05	0.10565	0.20107
9mo_SIGAE3_	0.03955567	0.38859737	9.30E-05	0.10937	0.33794
9mo_SIGAE3_	0.0634291	0.6211128	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.03230128	0.31794316	8.44E-05	0.081011	0.65793
9mo_SIGAE3_	0.01071908	0.1077431	6.05E-05	0.01548	0.10741
9mo_SIGAE3_	0.01194087	0.11964268	6.17E-05	0.017303	0.12065
9mo_SIGAE3_	0.07253148	0.70976555	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.03262858	0.32113087	8.48E-05	0.082909	0.64444
9mo_SIGAE3_	0.04975592	0.48794284	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.05129097	0.5028934	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.06573169	0.64353895	0.00011925	0.093659	-0.62617
9mo_SIGAE3_	0.01061487	0.10672813	6.05E-05	0.01548	0.10741

9mo_SIGAE3_	0.04786335	0.46951014	0.00010234	0.09734	0.10061
9mo_SIGAE3_	0.0413345	0.40592226	9.50E-05	0.10955	0.28067
9mo_SIGAE3_	0.02711295	0.26741135	7.82E-05	0.054511	0.77219
9mo_SIGAE3_	0.04731296	0.46414953	0.00010197	0.098057	0.11903
9mo_SIGAE3_	0.05146261	0.5045651	0.00010632	0.092309	-0.0001745
9mo_SIGAE3_	0.0220073	0.21768484	7.22E-05	0.03647	0.62396
9mo_SIGAE3_	0.0706253	0.6912003	0.00012308	0.076976	-0.8583
9mo_SIGAE3_	0.0348815	0.34307322	8.77E-05	0.095565	0.54051
9mo_SIGAE3_	0.01395751	0.13928382	6.37E-05	0.020323	0.18023
9mo_SIGAE3_	0.03528043	0.34695864	8.81E-05	0.097198	0.52494
9mo_SIGAE3_	0.03944543	0.38752368	9.30E-05	0.10937	0.35035
9mo_SIGAE3_	0.08570532	0.8380723	0.0001315	0.052818	-1.2923
9mo_SIGAE3_	0.03407478	0.3352162	8.65E-05	0.090344	0.57137
9mo_SIGAE3_	0.06502902	0.63669527	0.00011871	0.095287	-0.59222
9mo_SIGAE3_	0.00581039	0.05993481	5.63E-05	0.010269	0.19547
9mo_SIGAE3_	0.04548043	0.44630164	9.97E-05	0.10268	0.16436
9mo_SIGAE3_	0.04207439	0.41312847	9.62E-05	0.10856	0.25963
9mo_SIGAE3_	0.00827881	0.08397605	5.84E-05	0.012653	0.12871
9mo_SIGAE3_	0.0541825	0.53105545	0.0001091	0.092966	-0.097097
9mo_SIGAE3_	0.05606497	0.54938984	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.05040913	0.49430478	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.03563578	0.3504196	8.86E-05	0.098764	0.50933
9mo_SIGAE3_	0.0498957	0.4893042	0.00010453	0.09379	0.042456
9mo_SIGAE3_	0.05354607	0.524857	0.00010842	0.092532	-0.07149
9mo_SIGAE3_	0.03341053	0.32874677	8.57E-05	0.086671	0.60151
9mo_SIGAE3_	0.03997764	0.3927072	9.34E-05	0.10962	0.32588
9mo_SIGAE3_	0.01501742	0.1496068	6.47E-05	0.021973	0.22576
9mo_SIGAE3_	0.09003974	0.88028747	0.00013313	0.052597	-1.3283
9mo_SIGAE3_	0.0890292	0.8704453	0.00013275	0.052622	-1.3223
9mo_SIGAE3_	0.04172372	0.4097131	9.58E-05	0.10896	0.27003
9mo_SIGAE3_	0.07259566	0.7103907	0.00012424	0.071279	-0.9499
9mo_SIGAE3_	0.04948314	0.4852861	0.00010417	0.094268	0.052555
9mo_SIGAE3_	0.06117712	0.5991797	0.00011553	0.098907	-0.4087
9mo_SIGAE3_	0.02694789	0.26580375	7.78E-05	0.053015	0.77219
9mo_SIGAE3_	0.00223495	0.02511182	5.36E-05	0.0075574	0.34395
9mo_SIGAE3_	0.02517266	0.24851389	7.58E-05	0.046199	0.75539
9mo_SIGAE3_	0.05527688	0.5417142	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.0048929	0.05099893	5.55E-05	0.0093744	0.23478
9mo_SIGAE3_	0.05153063	0.50522757	0.00010632	0.092309	-0.011455
9mo_SIGAE3_	0.03729709	0.36659986	9.06E-05	0.10531	0.43275
9mo_SIGAE3_	0.05139421	0.5038989	0.00010632	0.092309	-0.0001745
9mo_SIGAE3_	0.06973776	0.6825561	0.00012235	0.080544	-0.82636
9mo_SIGAE3_	0.0177596	0.17631435	6.76E-05	0.026932	0.37908
9mo_SIGAE3_	0.08952174	0.87524235	0.000133	0.052606	-1.3264
9mo_SIGAE3_	0.00403198	0.04261397	5.50E-05	0.0088178	0.2638
9mo_SIGAE3_	0.06509372	0.6373254	0.00011898	0.094504	-0.59222

9mo_SIGAE3_	0.06954348	0.68066394	0.00012235	0.080544	-0.81017
9mo_SIGAE3_	0.06280495	0.615034	0.00011701	0.098387	-0.49111
9mo_SIGAE3_	0.04648193	0.45605576	0.00010084	0.10033	0.13721
9mo_SIGAE3_	0.08702911	0.8509654	0.00013193	0.052709	-1.3063
9mo_SIGAE3_	0.04280468	0.42024112	9.70E-05	0.10755	0.23945
9mo_SIGAE3_	0.0728786	0.7131464	0.00012446	0.070202	-0.96444
9mo_SIGAE3_	0.05884028	0.57642	0.00011337	0.097465	-0.29758
9mo_SIGAE3_	0.04420863	0.43391493	9.86E-05	0.10494	0.20107
9mo_SIGAE3_	0.05470513	0.5361456	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.06846514	0.67016137	0.00012136	0.085284	-0.7609
9mo_SIGAE3_	0.09597677	0.93811125	0.00013505	0.052327	-1.3442
9mo_SIGAE3_	0.02108057	0.20865895	7.10E-05	0.033786	0.58661
9mo_SIGAE3_	0.04604507	0.45180094	0.00010046	0.10111	0.14626
9mo_SIGAE3_	0.05762561	0.5645897	0.00011241	0.096416	-0.23694
9mo_SIGAE3_	0.04461642	0.4378866	9.89E-05	0.10421	0.19178
9mo_SIGAE3_	0.04542577	0.4457693	9.97E-05	0.10268	0.16436
9mo_SIGAE3_	0.08678012	0.8485404	0.00013193	0.052709	-1.3063
9mo_SIGAE3_	0.0898525	0.87846386	0.00013313	0.052597	-1.3283
9mo_SIGAE3_	0.0126431	0.12648208	6.24E-05	0.018271	0.13519
9mo_SIGAE3_	0.07566321	0.7402671	0.00012619	0.062687	-1.0712
9mo_SIGAE3_	0.05542135	0.54312134	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.01367329	0.13651566	6.34E-05	0.019794	0.16714
9mo_SIGAE3_	0.06229541	0.6100713	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.05459968	0.5351187	0.00010944	0.093233	-0.12355
9mo_SIGAE3_	0.04072976	0.4000324	9.46E-05	0.10971	0.3027
9mo_SIGAE3_	0.06678437	0.65379155	0.00012006	0.090801	-0.67704
9mo_SIGAE3_	0.0694602	0.6798528	0.00012211	0.081739	-0.81017
9mo_SIGAE3_	0.04978016	0.48817888	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.02790543	0.27512977	7.90E-05	0.057632	0.76661
9mo_SIGAE3_	0.07605597	0.7440924	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.08527367	0.83386827	0.0001312	0.05293	-1.2883
9mo_SIGAE3_	0.03190144	0.31404895	8.40E-05	0.07911	0.67094
9mo_SIGAE3_	0.05733258	0.56173575	0.00011209	0.096042	-0.23694
9mo_SIGAE3_	0.06736986	0.6594939	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.04375617	0.42950818	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.08233928	0.80528873	0.00012993	0.053861	-1.2485
9mo_SIGAE3_	0.05406717	0.5299322	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.06215245	0.60867894	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.02888848	0.28470418	8.03E-05	0.062611	0.75723
9mo_SIGAE3_	0.08014325	0.7839005	0.00012871	0.055605	-1.2004
9mo_SIGAE3_	0.05208628	0.5106393	0.00010703	0.092172	-0.022986
9mo_SIGAE3_	0.06214253	0.6085823	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.03174161	0.31249222	8.36E-05	0.07721	0.67094
9mo_SIGAE3_	0.03723902	0.36603433	9.02E-05	0.1042	0.43275
9mo_SIGAE3_	0.01449242	0.14449356	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.01263417	0.1263951	6.24E-05	0.018271	0.13519

9mo_SIGAE3_	0.06356385	0.6224253	0.00011758	0.097678	-0.5246
9mo_SIGAE3_	0.07082309	0.6931267	0.00012308	0.076976	-0.87403
9mo_SIGAE3_	0.07264596	0.7108805	0.00012446	0.070202	-0.9499
9mo_SIGAE3_	0.01637576	0.16283639	6.62E-05	0.024342	0.29808
9mo_SIGAE3_	0.05078938	0.49800822	0.00010561	0.092703	0.021622
9mo_SIGAE3_	0.00819756	0.08318471	5.84E-05	0.012653	0.12871
9mo_SIGAE3_	0.08989641	0.8788915	0.00013313	0.052597	-1.3283
9mo_SIGAE3_	0.01428782	0.14250088	6.41E-05	0.020862	0.19442
9mo_SIGAE3_	0.04967541	0.48715863	0.00010453	0.09379	0.052555
9mo_SIGAE3_	0.05119238	0.5019332	0.00010597	0.092472	-0.0001745
9mo_SIGAE3_	0.0672634	0.6584571	0.00012058	0.088682	-0.71078
9mo_SIGAE3_	0.09114498	0.89105195	0.0001335	0.052565	-1.3333
9mo_SIGAE3_	0.04523795	0.44394	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.01485734	0.1480477	6.44E-05	0.021412	0.20962
9mo_SIGAE3_	0.07016066	0.68667495	0.0001226	0.07935	-0.8424
9mo_SIGAE3_	0.06216859	0.6088362	0.00011642	0.098794	-0.4579
9mo_SIGAE3_	0.04377649	0.42970613	9.78E-05	0.10633	0.21046
9mo_SIGAE3_	0.03030086	0.29846	8.19E-05	0.069725	0.71698
9mo_SIGAE3_	0.03620482	0.35596174	8.90E-05	0.10026	0.47826
9mo_SIGAE3_	0.0505424	0.49560273	0.00010525	0.093003	0.021622
9mo_SIGAE3_	0.04534108	0.4449444	9.97E-05	0.10268	0.17344
9mo_SIGAE3_	0.01661058	0.16512342	6.62E-05	0.024342	0.31771
9mo_SIGAE3_	0.03530172	0.347166	8.81E-05	0.097198	0.52494
9mo_SIGAE3_	0.02951903	0.29084542	8.11E-05	0.066108	0.7438
9mo_SIGAE3_	0.04489653	0.44061476	9.93E-05	0.10345	0.18258
9mo_SIGAE3_	0.0714839	0.6995626	0.00012355	0.074645	-0.90497
9mo_SIGAE3_	0.09103406	0.8899717	0.0001335	0.052565	-1.3333
9mo_SIGAE3_	0.06790493	0.6647053	0.0001211	0.086439	-0.72756
9mo_SIGAE3_	0.05679701	0.55651957	0.00011144	0.095284	-0.20754
9mo_SIGAE3_	0.05106781	0.50071996	0.00010597	0.092472	0.010852
9mo_SIGAE3_	0.01152044	0.11554794	6.14E-05	0.016833	0.11542
9mo_SIGAE3_	0.07130166	0.69778776	0.00012355	0.074645	-0.88959
9mo_SIGAE3_	0.01106163	0.11107937	6.08E-05	0.015922	0.10884
9mo_SIGAE3_	0.04659632	0.45716983	0.00010122	0.099559	0.13721
9mo_SIGAE3_	0.06340478	0.620876	0.00011758	0.097678	-0.50782
9mo_SIGAE3_	0.02457453	0.24268837	7.54E-05	0.044969	0.73857
9mo_SIGAE3_	0.05536639	0.54258597	0.00011011	0.093847	-0.1508
9mo_SIGAE3_	0.01790739	0.17775376	6.76E-05	0.026932	0.37908
9mo_SIGAE3_	0.00865549	0.0876447	5.86E-05	0.013029	0.12259
9mo_SIGAE3_	0.06638082	0.64986116	0.00011979	0.091802	-0.66011
9mo_SIGAE3_	0.05442582	0.53342533	0.0001091	0.092966	-0.11022
9mo_SIGAE3_	0.06003766	0.5880819	0.00011462	0.098526	-0.3445
9mo_SIGAE3_	0.07227365	0.70725447	0.00012401	0.07238	-0.93514
9mo_SIGAE3_	0.07605173	0.7440511	0.0001264	0.06191	-1.0832
9mo_SIGAE3_	0.08702833	0.8509578	0.00013193	0.052709	-1.3063
9mo_SIGAE3_	0.07112352	0.69605273	0.00012331	0.075804	-0.88959

9mo_SIGAE3_	0.00827178	0.08390755	5.84E-05	0.012653	0.12871
9mo_SIGAE3_	0.06426855	0.62928873	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.03952371	0.38828605	9.30E-05	0.10937	0.35035
9mo_SIGAE3_	0.04981031	0.48847258	0.00010453	0.09379	0.042456
9mo_SIGAE3_	0.01295886	0.12955745	6.27E-05	0.018769	0.14454
9mo_SIGAE3_	0.04030011	0.3958479	9.38E-05	0.10975	0.31414
9mo_SIGAE3_	0.0394728	0.3877903	9.30E-05	0.10937	0.35035
9mo_SIGAE3_	0.06400254	0.6266979	0.00011787	0.097201	-0.54144
9mo_SIGAE3_	0.04209064	0.4132867	9.62E-05	0.10856	0.25963
9mo_SIGAE3_	0.04086834	0.40138215	9.46E-05	0.10971	0.3027
9mo_SIGAE3_	0.05809068	0.5691192	0.00011273	0.096781	-0.26697
9mo_SIGAE3_	0.08385314	0.820033	0.00013058	0.053285	-1.2702
9mo_SIGAE3_	0.01091827	0.10968308	6.08E-05	0.015922	0.10884
9mo_SIGAE3_	0.05386312	0.5279449	0.00010876	0.092731	-0.084185
9mo_SIGAE3_	0.07042813	0.68928	0.00012284	0.078159	-0.8583
9mo_SIGAE3_	0.05597139	0.5484784	0.00011078	0.094541	-0.17881
9mo_SIGAE3_	0.04832432	0.47399977	0.00010308	0.095994	0.091263
9mo_SIGAE3_	0.06791782	0.66483086	0.0001211	0.086439	-0.72756
9mo_SIGAE3_	0.03934386	0.38653442	9.30E-05	0.10937	0.35035
9mo_SIGAE3_	0.079055	0.77330154	0.00012816	0.056721	-1.1755
9mo_SIGAE3_	0.05033679	0.4936002	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.0687367	0.6728063	0.00012161	0.084113	-0.77743
9mo_SIGAE3_	0.08289986	0.8107485	0.00013009	0.053693	-1.2543
9mo_SIGAE3_	0.06423997	0.6290104	0.00011815	0.096641	-0.55833
9mo_SIGAE3_	0.05397434	0.5290281	0.00010876	0.092731	-0.097097
9mo_SIGAE3_	0.08353061	0.81689173	0.00013042	0.053406	-1.2651
9mo_SIGAE3_	0.07924394	0.7751417	0.00012835	0.05632	-1.1841
9mo_SIGAE3_	0.05322421	0.5217222	0.00010807	0.092373	-0.07149
9mo_SIGAE3_	0.05234803	0.5131887	0.00010703	0.092172	-0.03476
9mo_SIGAE3_	0.05043304	0.49453762	0.00010525	0.093003	0.032151
9mo_SIGAE3_	0.01235018	0.12362918	6.21E-05	0.017782	0.12723
9mo_SIGAE3_	0.02760669	0.27222016	7.86E-05	0.05605	0.76966
9mo_SIGAE3_	0.06865407	0.6720015	0.00012161	0.084113	-0.77743
9mo_SIGAE3_	0.03077644	0.30309197	8.28E-05	0.073435	0.70647
9mo_SIGAE3_	0.06638753	0.64992654	0.00011979	0.091802	-0.66011
9mo_SIGAE3_	0.07125341	0.69731784	0.00012331	0.075804	-0.88959
9mo_SIGAE3_	0.0411197	0.40383023	9.50E-05	0.10955	0.29155
9mo_SIGAE3_	0.05359809	0.5253636	0.00010842	0.092532	-0.084185
9mo_SIGAE3_	0.05818608	0.5700484	0.00011273	0.096781	-0.26697
9mo_SIGAE3_	0.04998832	0.4902062	0.0001049	0.093366	0.042456
9mo_SIGAF3_	0.04467187	0.4384267	9.89E-05	0.10421	0.18258
9mo_SIGAF3_	0.0034629	0.03707143	5.44E-05	0.0082917	0.2947
9mo_SIGAF3_	0.04983782	0.48874044	0.00010453	0.09379	0.042456
9mo_SIGAF3_	0.05650183	0.55364466	0.00011144	0.095284	-0.19309
9mo_SIGAF3_	0.03325894	0.32727027	8.57E-05	0.086671	0.61617
9mo_SIGAF3_	0.04149469	0.40748248	9.54E-05	0.10929	0.28067

9mo_SIGAF3_	0.01085309	0.10904831	6.08E-05	0.015922	0.10884
9mo_SIGAF3_	0.06121526	0.5995511	0.00011553	0.098907	-0.4087
9mo_SIGAF3_	0.07676358	0.75098413	0.000127	0.059827	-1.1061
9mo_SIGAF3_	0.0406944	0.39968804	9.46E-05	0.10971	0.3027
9mo_SIGAF3_	0.04040608	0.39687994	9.42E-05	0.10978	0.31414
9mo_SIGAF3_	0.07720401	0.75527376	0.0001272	0.059217	-1.1276
9mo_SIGAF3_	0.01909682	0.18933818	6.91E-05	0.029782	0.46374
9mo_SIGAF3_	0.05649681	0.5535957	0.00011144	0.095284	-0.19309
9mo_SIGAF3_	0.06567707	0.643007	0.00011925	0.093659	-0.62617
9mo_SIGAF3_	0.05305941	0.5201171	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.04357147	0.4277093	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.06754518	0.6612014	0.00012084	0.087573	-0.71078
9mo_SIGAF3_	0.06010061	0.588695	0.00011462	0.098526	-0.36038
9mo_SIGAF3_	0.0738183	0.7222986	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.04930821	0.48358235	0.00010417	0.094268	0.062467
9mo_SIGAF3_	0.01185031	0.11876074	6.17E-05	0.017303	0.12065
9mo_SIGAF3_	0.04849832	0.47569442	0.00010308	0.095994	0.081803
9mo_SIGAF3_	0.07655406	0.74894357	0.0001268	0.060479	-1.1061
9mo_SIGAF3_	0.00725739	0.07402793	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.05917731	0.57970256	0.00011368	0.097776	-0.31309
9mo_SIGAF3_	0.08304678	0.81217945	0.00013026	0.053541	-1.2598
9mo_SIGAF3_	0.03913139	0.3844651	9.26E-05	0.10901	0.36311
9mo_SIGAF3_	0.02974867	0.29308197	8.15E-05	0.067903	0.7357
9mo_SIGAF3_	0.06816851	0.66727245	0.00012136	0.085284	-0.74427
9mo_SIGAF3_	0.04266302	0.4188614	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.03832964	0.3766564	9.18E-05	0.10791	0.38979
9mo_SIGAF3_	0.04494214	0.44105893	9.93E-05	0.10345	0.18258
9mo_SIGAF3_	0.06792776	0.66492754	0.0001211	0.086439	-0.72756
9mo_SIGAF3_	0.05297046	0.51925087	0.00010773	0.092257	-0.059017
9mo_SIGAF3_	0.05404694	0.5297352	0.00010876	0.092731	-0.097097
9mo_SIGAF3_	0.05307138	0.52023375	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.0613846	0.6012004	0.00011583	0.09893	-0.4087
9mo_SIGAF3_	0.04054968	0.3982786	9.42E-05	0.10978	0.31414
9mo_SIGAF3_	0.0270848	0.26713717	7.82E-05	0.054511	0.77219
9mo_SIGAF3_	0.05810486	0.5692574	0.00011273	0.096781	-0.26697
9mo_SIGAF3_	0.06055897	0.5931592	0.00011492	0.0987	-0.37638
9mo_SIGAF3_	0.03663335	0.36013538	8.98E-05	0.10298	0.46289
9mo_SIGAF3_	0.0626021	0.6130583	0.00011672	0.098627	-0.47447
9mo_SIGAF3_	0.04338953	0.4259373	9.74E-05	0.10696	0.21998
9mo_SIGAF3_	0.06334537	0.6202974	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.02161689	0.21388239	7.18E-05	0.035549	0.6056
9mo_SIGAF3_	0.06468221	0.63331753	0.00011843	0.096001	-0.57526
9mo_SIGAF3_	0.00655569	0.06719369	5.69E-05	0.010907	0.17252
9mo_SIGAF3_	0.04571996	0.44863456	0.00010009	0.1019	0.1553
9mo_SIGAF3_	0.04489905	0.44063923	9.93E-05	0.10345	0.18258
9mo_SIGAF3_	0.03171113	0.31219536	8.36E-05	0.07721	0.67094

9mo_SIGAF3_	0.07525208	0.73626286	0.00012598	0.063504	-1.0589
9mo_SIGAF3_	0.03236458	0.31855965	8.44E-05	0.081011	0.64444
9mo_SIGAF3_	0.06427246	0.62932676	0.00011815	0.096641	-0.55833
9mo_SIGAF3_	0.06651539	0.65117186	0.00012006	0.090801	-0.66011
9mo_SIGAF3_	0.04686717	0.45980775	0.00010122	0.099559	0.12814
9mo_SIGAF3_	0.053081	0.5203274	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.05615708	0.55028695	0.00011111	0.094909	-0.17881
9mo_SIGAF3_	0.05070405	0.49717715	0.00010561	0.092703	0.021622
9mo_SIGAF3_	0.0116218	0.11653516	6.14E-05	0.016833	0.11542
9mo_SIGAF3_	0.04653473	0.45656994	0.00010122	0.099559	0.13721
9mo_SIGAF3_	0.07790091	0.7620612	0.00012759	0.058113	-1.1478
9mo_SIGAF3_	0.06490218	0.63545996	0.00011871	0.095287	-0.59222
9mo_SIGAF3_	0.07602292	0.74377054	0.0001264	0.06191	-1.0832
9mo_SIGAF3_	0.05877161	0.57575125	0.00011337	0.097465	-0.29758
9mo_SIGAF3_	0.03677477	0.3615128	8.98E-05	0.10298	0.46289
9mo_SIGAF3_	0.01020009	0.10268837	6.02E-05	0.015048	0.10718
9mo_SIGAF3_	0.07344633	0.7186758	0.00012491	0.068128	-0.99278
9mo_SIGAF3_	0.04689216	0.46005115	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.03133444	0.30852658	8.32E-05	0.075317	0.6834
9mo_SIGAF3_	0.05275073	0.51711076	0.00010773	0.092257	-0.046772
9mo_SIGAF3_	0.08899764	0.87013793	0.00013275	0.052622	-1.3223
9mo_SIGAF3_	0.03408278	0.33529407	8.65E-05	0.090344	0.57137
9mo_SIGAF3_	0.06824204	0.6679886	0.00012136	0.085284	-0.74427
9mo_SIGAF3_	0.0513333	0.50330573	0.00010597	0.092472	-0.0001745
9mo_SIGAF3_	0.02814847	0.27749678	7.94E-05	0.059253	0.76661
9mo_SIGAF3_	0.02507008	0.24751477	7.58E-05	0.046199	0.74769
9mo_SIGAF3_	0.05530059	0.5419451	0.00011011	0.093847	-0.1508
9mo_SIGAF3_	0.07721718	0.75540197	0.0001272	0.059217	-1.1276
9mo_SIGAF3_	0.04482586	0.43992648	9.93E-05	0.10345	0.18258
9mo_SIGAF3_	0.06831339	0.66868347	0.00012136	0.085284	-0.7609
9mo_SIGAF3_	0.08097138	0.791966	0.00012924	0.054725	-1.2227
9mo_SIGAF3_	0.04626546	0.45394748	0.00010084	0.10033	0.14626
9mo_SIGAF3_	0.08873485	0.8675785	0.00013261	0.052631	-1.32
9mo_SIGAF3_	0.0559982	0.54873955	0.00011078	0.094541	-0.17881
9mo_SIGAF3_	0.05716375	0.5600914	0.00011177	0.095663	-0.22216
9mo_SIGAF3_	0.07388047	0.7229041	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.04838907	0.47463033	0.00010308	0.095994	0.091263
9mo_SIGAF3_	0.03849661	0.3782826	9.18E-05	0.10791	0.38979
9mo_SIGAF3_	0.048867	0.47928518	0.00010344	0.095375	0.072211
9mo_SIGAF3_	0.00710372	0.07253125	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.01545892	0.15390684	6.51E-05	0.022546	0.24275
9mo_SIGAF3_	0.0624431	0.6115097	0.00011672	0.098627	-0.4579
9mo_SIGAF3_	0.04352344	0.42724144	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.0304584	0.2999944	8.23E-05	0.07157	0.71698
9mo_SIGAF3_	0.07721706	0.75540084	0.0001272	0.059217	-1.1276
9mo_SIGAF3_	0.06858714	0.67134964	0.00012161	0.084113	-0.7609

9mo_SIGAF3_	0.04928323	0.48333904	0.00010417	0.094268	0.062467
9mo_SIGAF3_	0.00709062	0.07240365	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.04363324	0.42831093	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.08530646	0.8341876	0.0001312	0.05293	-1.2883
9mo_SIGAF3_	0.06959117	0.6811284	0.00012235	0.080544	-0.81017
9mo_SIGAF3_	0.0425286	0.41755226	9.66E-05	0.10808	0.24945
9mo_SIGAF3_	0.07897667	0.77253854	0.00012816	0.056721	-1.1755
9mo_SIGAF3_	0.0133322	0.1331936	6.30E-05	0.019276	0.15521
9mo_SIGAF3_	0.05454243	0.5345611	0.00010944	0.093233	-0.11022
9mo_SIGAF3_	0.06147438	0.60207486	0.00011583	0.09893	-0.42501
9mo_SIGAF3_	0.0512084	0.50208926	0.00010597	0.092472	-0.0001745
9mo_SIGAF3_	0.06360128	0.6227898	0.00011758	0.097678	-0.5246
9mo_SIGAF3_	0.09222211	0.90154266	0.00013397	0.05251	-1.3372
9mo_SIGAF3_	0.06316046	0.6184964	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.07819185	0.76489484	0.00012778	0.057615	-1.1478
9mo_SIGAF3_	0.0430935	0.4230541	9.70E-05	0.10755	0.22964
9mo_SIGAF3_	0.03079388	0.30326185	8.28E-05	0.073435	0.70647
9mo_SIGAF3_	0.02592522	0.2558435	7.66E-05	0.04879	0.76634
9mo_SIGAF3_	0.03697701	0.3634825	9.02E-05	0.1042	0.4477
9mo_SIGAF3_	0.02506115	0.24742785	7.58E-05	0.046199	0.74769
9mo_SIGAF3_	0.05176491	0.5075093	0.00010668	0.092211	-0.011455
9mo_SIGAF3_	0.01218728	0.12204264	6.17E-05	0.017303	0.12723
9mo_SIGAF3_	0.07765184	0.7596353	0.0001274	0.058646	-1.1379
9mo_SIGAF3_	0.03129476	0.30814016	8.32E-05	0.075317	0.69526
9mo_SIGAF3_	0.04165497	0.40904352	9.54E-05	0.10929	0.27003
9mo_SIGAF3_	0.00990523	0.09981658	5.98E-05	0.014626	0.1081
9mo_SIGAF3_	0.05597836	0.5485463	0.00011078	0.094541	-0.17881
9mo_SIGAF3_	0.06192616	0.60647494	0.00011613	0.098894	-0.44141
9mo_SIGAF3_	0.01095848	0.1100747	6.08E-05	0.015922	0.10884
9mo_SIGAF3_	0.02082147	0.20613545	7.10E-05	0.033786	0.56707
9mo_SIGAF3_	0.01922305	0.19056761	6.91E-05	0.029782	0.46374
9mo_SIGAF3_	0.05407127	0.52997214	0.00010876	0.092731	-0.097097
9mo_SIGAF3_	0.02429758	0.23999104	7.50E-05	0.043782	0.72811
9mo_SIGAF3_	0.06091571	0.5966336	0.00011523	0.098828	-0.39249
9mo_SIGAF3_	0.0671171	0.65703213	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.06161139	0.6034093	0.00011583	0.09893	-0.42501
9mo_SIGAF3_	0.06343652	0.6211852	0.00011758	0.097678	-0.50782
9mo_SIGAF3_	0.02993251	0.2948725	8.15E-05	0.067903	0.7357
9mo_SIGAF3_	0.08032688	0.78568894	0.00012889	0.055287	-1.2081
9mo_SIGAF3_	0.07045163	0.6895089	0.00012284	0.078159	-0.8583
9mo_SIGAF3_	0.07258369	0.7102741	0.00012424	0.071279	-0.9499
9mo_SIGAF3_	0.00051434	0.00835395	5.21E-05	0.0062712	0.43121
9mo_SIGAF3_	0.05020415	0.4923084	0.0001049	0.093366	0.032151
9mo_SIGAF3_	0.05748675	0.5632373	0.00011209	0.096042	-0.23694
9mo_SIGAF3_	0.01555817	0.15487342	6.51E-05	0.022546	0.24275
9mo_SIGAF3_	0.01601651	0.15933745	6.58E-05	0.023731	0.27899

9mo_SIGAF3_	0.07647792	0.7482019	0.0001268	0.060479	-1.0948
9mo_SIGAF3_	0.05432334	0.53242725	0.0001091	0.092966	-0.11022
9mo_SIGAF3_	0.03978698	0.39085022	9.34E-05	0.10962	0.33794
9mo_SIGAF3_	0.08297009	0.81143254	0.00013026	0.053541	-1.2543
9mo_SIGAF3_	0.04193169	0.41173863	9.58E-05	0.10896	0.25963
9mo_SIGAF3_	0.07091783	0.6940494	0.00012331	0.075804	-0.87403
9mo_SIGAF3_	0.04814903	0.47229245	0.00010271	0.09665	0.091263
9mo_SIGAF3_	0.02678709	0.2642376	7.78E-05	0.053015	0.77158
9mo_SIGAF3_	0.03896253	0.38282046	9.22E-05	0.10852	0.36311
9mo_SIGAF3_	0.06050387	0.5926226	0.00011492	0.0987	-0.37638
9mo_SIGAF3_	0.04794587	0.4703138	0.00010271	0.09665	0.10061
9mo_SIGAF3_	0.05266777	0.51630276	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.07399489	0.7240185	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.04925648	0.48307848	0.00010381	0.094798	0.062467
9mo_SIGAF3_	0.01067762	0.10733929	6.05E-05	0.01548	0.10741
9mo_SIGAF3_	0.05574685	0.54629153	0.00011045	0.094186	-0.16472
9mo_SIGAF3_	0.05971576	0.58494675	0.00011431	0.098311	-0.32873
9mo_SIGAF3_	0.0768204	0.7515375	0.000127	0.059827	-1.1061
9mo_SIGAF3_	0.07609643	0.74448645	0.0001266	0.061174	-1.0832
9mo_SIGAF3_	0.02112092	0.20905188	7.14E-05	0.034655	0.58661
9mo_SIGAF3_	0.01397662	0.13946989	6.37E-05	0.020323	0.18023
9mo_SIGAF3_	0.04778459	0.46874303	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.05283912	0.51797163	0.00010773	0.092257	-0.046772
9mo_SIGAF3_	0.02889702	0.2847873	8.03E-05	0.062611	0.75723
9mo_SIGAF3_	0.06424025	0.62901306	0.00011815	0.096641	-0.55833
9mo_SIGAF3_	0.03675096	0.36128083	8.98E-05	0.10298	0.46289
9mo_SIGAF3_	0.0595648	0.5834765	0.000114	0.098059	-0.32873
9mo_SIGAF3_	0.06742256	0.66000724	0.00012058	0.088682	-0.71078
9mo_SIGAF3_	0.01134797	0.11386813	6.11E-05	0.016373	0.1115
9mo_SIGAF3_	0.05734103	0.561818	0.00011209	0.096042	-0.23694
9mo_SIGAF3_	0.06607188	0.6468522	0.00011953	0.092756	-0.64315
9mo_SIGAF3_	0.07704039	0.75368017	0.000127	0.059827	-1.117
9mo_SIGAF3_	0.09332809	0.91231436	0.00013431	0.052462	-1.3409
9mo_SIGAF3_	0.05321243	0.5216075	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.07859337	0.7688054	0.00012797	0.057152	-1.1666
9mo_SIGAF3_	0.0597119	0.5849092	0.00011431	0.098311	-0.32873
9mo_SIGAF3_	0.05345547	0.5239746	0.00010842	0.092532	-0.07149
9mo_SIGAF3_	0.04906862	0.4812488	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.05092872	0.49936527	0.00010561	0.092703	0.010852
9mo_SIGAF3_	0.00864769	0.08756878	5.86E-05	0.013029	0.12259
9mo_SIGAF3_	0.05470527	0.536147	0.00010944	0.093233	-0.12355
9mo_SIGAF3_	0.07072881	0.69220847	0.00012308	0.076976	-0.87403
9mo_SIGAF3_	0.05179955	0.5078467	0.00010668	0.092211	-0.011455
9mo_SIGAF3_	0.00218011	0.02457771	5.34E-05	0.0073266	0.36099
9mo_SIGAF3_	0.03592804	0.353266	8.90E-05	0.10026	0.49376
9mo_SIGAF3_	0.08781321	0.8586021	0.00013235	0.052652	-1.315

9mo_SIGAF3_	0.08262022	0.80802494	0.00013009	0.053693	-1.2485
9mo_SIGAF3_	0.06791573	0.6648104	0.0001211	0.086439	-0.72756
9mo_SIGAF3_	0.07421193	0.72613233	0.00012534	0.066176	-1.0201
9mo_SIGAF3_	0.03294	0.32416403	8.52E-05	0.084798	0.6305
9mo_SIGAF3_	0.05805136	0.5687363	0.00011273	0.096781	-0.26697
9mo_SIGAF3_	0.06123904	0.59978276	0.00011553	0.098907	-0.4087
9mo_SIGAF3_	0.04666606	0.4578491	0.00010122	0.099559	0.13721
9mo_SIGAF3_	0.03731198	0.36674497	9.06E-05	0.10531	0.43275
9mo_SIGAF3_	0.08821168	0.862483	0.00013248	0.05264	-1.3176
9mo_SIGAF3_	0.08346631	0.81626546	0.00013042	0.053406	-1.2651
9mo_SIGAF3_	0.0526517	0.5161463	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.03712563	0.36492994	9.02E-05	0.1042	0.4477
9mo_SIGAF3_	0.04770462	0.46796414	0.00010234	0.09734	0.10986
9mo_SIGAF3_	0.00723537	0.07381345	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.07228646	0.7073793	0.00012424	0.071279	-0.93514
9mo_SIGAF3_	0.05310156	0.5205277	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.0456929	0.44837096	0.00010009	0.1019	0.1553
9mo_SIGAF3_	0.03492254	0.34347296	8.77E-05	0.095565	0.54051
9mo_SIGAF3_	0.05004473	0.49075565	0.0001049	0.093366	0.042456
9mo_SIGAF3_	0.03144566	0.3096099	8.36E-05	0.07721	0.6834
9mo_SIGAF3_	0.06473151	0.6337977	0.00011871	0.095287	-0.57526
9mo_SIGAF3_	0.04608107	0.45215157	0.00010046	0.10111	0.14626
9mo_SIGAF3_	0.04669895	0.4581694	0.00010122	0.099559	0.13721
9mo_SIGAF3_	0.05797939	0.56803536	0.00011273	0.096781	-0.25188
9mo_SIGAF3_	0.04370054	0.4289664	9.78E-05	0.10633	0.21046
9mo_SIGAF3_	0.05033465	0.49357936	0.00010525	0.093003	0.032151
9mo_SIGAF3_	0.02383084	0.23544526	7.42E-05	0.041523	0.71639
9mo_SIGAF3_	0.06393252	0.62601596	0.00011787	0.097201	-0.54144
9mo_SIGAF3_	0.0215831	0.21355332	7.18E-05	0.035549	0.6056
9mo_SIGAF3_	0.03385709	0.33309594	8.65E-05	0.090344	0.58656
9mo_SIGAF3_	0.00201354	0.02295543	5.34E-05	0.0073266	0.36099
9mo_SIGAF3_	0.02569802	0.25363067	7.66E-05	0.04879	0.7616
9mo_SIGAF3_	0.06658358	0.651836	0.00012006	0.090801	-0.67704
9mo_SIGAF3_	0.0809628	0.7918825	0.00012924	0.054725	-1.2227
9mo_SIGAF3_	0.03708234	0.36450836	9.02E-05	0.1042	0.4477
9mo_SIGAF3_	0.0339226	0.333734	8.65E-05	0.090344	0.58656
9mo_SIGAF3_	0.09002265	0.88012105	0.00013313	0.052597	-1.3283
9mo_SIGAF3_	0.04910824	0.48163477	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.04273239	0.41953704	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.02116158	0.20944797	7.14E-05	0.034655	0.58661
9mo_SIGAF3_	0.05760408	0.56438005	0.00011241	0.096416	-0.23694
9mo_SIGAF3_	0.06873078	0.6727486	0.00012161	0.084113	-0.77743
9mo_SIGAF3_	0.0841931	0.8233441	0.00013074	0.053178	-1.2751
9mo_SIGAF3_	0.04277005	0.4199039	9.70E-05	0.10755	0.23945
9mo_SIGAF3_	0.03228673	0.31780142	8.44E-05	0.081011	0.65793
9mo_SIGAF3_	0.03893317	0.38253456	9.22E-05	0.10852	0.36311

9mo_SIGAF3_	0.05859556	0.57403654	0.00011337	0.097465	-0.2822
9mo_SIGAF3_	0.08531383	0.8342594	0.0001312	0.05293	-1.2883
9mo_SIGAF3_	0.04844246	0.47515035	0.00010308	0.095994	0.081803
9mo_SIGAF3_	0.09552006	0.93366313	0.00013495	0.052348	-1.344
9mo_SIGAF3_	0.04559092	0.4473777	0.00010009	0.1019	0.16436
9mo_SIGAF3_	0.03642926	0.35814762	8.94E-05	0.10166	0.47826
9mo_SIGAF3_	0.07785828	0.76164603	0.00012759	0.058113	-1.1379
9mo_SIGAF3_	0.05656394	0.5542496	0.00011144	0.095284	-0.19309
9mo_SIGAF3_	0.06880821	0.6735028	0.00012161	0.084113	-0.77743
9mo_SIGAF3_	0.07193924	0.70399743	0.00012378	0.073503	-0.92016
9mo_SIGAF3_	0.06334788	0.62032187	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.0190819	0.18919289	6.91E-05	0.029782	0.46374
9mo_SIGAF3_	0.05289311	0.51849747	0.00010773	0.092257	-0.059017
9mo_SIGAF3_	0.04407391	0.43260282	9.82E-05	0.10565	0.20107
9mo_SIGAF3_	0.06009958	0.588685	0.00011462	0.098526	-0.36038
9mo_SIGAF3_	0.02638072	0.26027977	7.74E-05	0.051562	0.76965
9mo_SIGAF3_	0.05539237	0.54283905	0.00011011	0.093847	-0.1508
9mo_SIGAF3_	0.03045109	0.29992324	8.23E-05	0.07157	0.71698
9mo_SIGAF3_	0.0117493	0.11777692	6.14E-05	0.016833	0.11542
9mo_SIGAF3_	0.06665283	0.65251046	0.00012006	0.090801	-0.67704
9mo_SIGAF3_	0.04783795	0.46926275	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.03678431	0.36160564	8.98E-05	0.10298	0.46289
9mo_SIGAF3_	0.02272386	0.22466373	7.30E-05	0.038397	0.65846
9mo_SIGAF3_	0.05408521	0.5301079	0.0001091	0.092966	-0.097097
9mo_SIGAF3_	0.03553781	0.34946537	8.81E-05	0.097198	0.50933
9mo_SIGAF3_	0.02998501	0.2953838	8.15E-05	0.067903	0.72675
9mo_SIGAF3_	0.07383035	0.722416	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.06084081	0.59590423	0.00011523	0.098828	-0.39249
9mo_SIGAF3_	0.0274327	0.27052552	7.86E-05	0.05605	0.77153
9mo_SIGAF3_	0.05266485	0.5162744	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.04154591	0.40798134	9.54E-05	0.10929	0.28067
9mo_SIGAF3_	0.06931896	0.67847717	0.00012211	0.081739	-0.81017
9mo_SIGAF3_	0.0594677	0.58253074	0.000114	0.098059	-0.32873
9mo_SIGAF3_	0.00750125	0.07640301	5.78E-05	0.011928	0.14372
9mo_SIGAF3_	0.05932543	0.5811451	0.000114	0.098059	-0.31309
9mo_SIGAF3_	0.01049322	0.10554335	6.05E-05	0.01548	0.10741
9mo_SIGAF3_	0.01584072	0.15762539	6.54E-05	0.023132	0.26052
9mo_SIGAF3_	0.05684525	0.55698943	0.00011177	0.095663	-0.20754
9mo_SIGAF3_	0.07447798	0.7287235	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.03893816	0.3825831	9.22E-05	0.10852	0.36311
9mo_SIGAF3_	0.01926436	0.19096996	6.91E-05	0.029782	0.46374
9mo_SIGAF3_	0.06543419	0.64064145	0.00011925	0.093659	-0.60919
9mo_SIGAF3_	0.08256519	0.807489	0.00012993	0.053861	-1.2485
9mo_SIGAF3_	0.00890519	0.09007669	5.89E-05	0.013414	0.11742
9mo_SIGAF3_	0.04296741	0.421826	9.70E-05	0.10755	0.22964
9mo_SIGAF3_	0.0556596	0.5454417	0.00011045	0.094186	-0.16472

9mo_SIGAF3_	0.0378341	0.37183017	9.10E-05	0.1063	0.40374
9mo_SIGAF3_	0.04741542	0.46514753	0.00010197	0.098057	0.10986
9mo_SIGAF3_	0.06686869	0.65461284	0.00012032	0.089759	-0.67704
9mo_SIGAF3_	0.08117563	0.7939554	0.00012924	0.054725	-1.2227
9mo_SIGAF3_	0.04765185	0.4674502	0.00010234	0.09734	0.10986
9mo_SIGAF3_	0.03644645	0.35831508	8.94E-05	0.10166	0.47826
9mo_SIGAF3_	0.05332059	0.522661	0.00010807	0.092373	-0.07149
9mo_SIGAF3_	0.06378887	0.62461686	0.00011787	0.097201	-0.5246
9mo_SIGAF3_	0.07121247	0.6969191	0.00012331	0.075804	-0.88959
9mo_SIGAF3_	0.07693598	0.75266325	0.000127	0.059827	-1.117
9mo_SIGAF3_	0.07909541	0.77369505	0.00012816	0.056721	-1.1755
9mo_SIGAF3_	0.0406119	0.39888456	9.42E-05	0.10978	0.3027
9mo_SIGAF3_	0.00352523	0.03767849	5.44E-05	0.0082917	0.2947
9mo_SIGAF3_	0.08769842	0.8574841	0.00013221	0.052667	-1.3123
9mo_SIGAF3_	0.05161499	0.50604916	0.00010632	0.092309	-0.011455
9mo_SIGAF3_	0.04429564	0.4347623	9.86E-05	0.10494	0.20107
9mo_SIGAF3_	0.05525121	0.5414642	0.00011011	0.093847	-0.13708
9mo_SIGAF3_	0.02659692	0.26238552	7.74E-05	0.051562	0.77158
9mo_SIGAF3_	0.01724162	0.1712694	6.69E-05	0.025607	0.33781
9mo_SIGAF3_	0.07906923	0.77344006	0.00012816	0.056721	-1.1755
9mo_SIGAF3_	0.08622006	0.8430857	0.00013164	0.052775	-1.2997
9mo_SIGAF3_	0.00288267	0.03142031	5.39E-05	0.007795	0.3272
9mo_SIGAF3_	0.02524823	0.24924989	7.62E-05	0.047472	0.75539
9mo_SIGAF3_	0.06699834	0.6558755	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.06191383	0.6063549	0.00011613	0.098894	-0.44141
9mo_SIGAF3_	0.04956275	0.48606142	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.0357579	0.35160893	8.86E-05	0.098764	0.50933
9mo_SIGAF3_	0.04224885	0.4148276	9.62E-05	0.10856	0.25963
9mo_SIGAF3_	0.06118108	0.59921825	0.00011553	0.098907	-0.4087
9mo_SIGAF3_	0.03362717	0.33085668	8.61E-05	0.088522	0.60151
9mo_SIGAF3_	0.05023426	0.4926016	0.0001049	0.093366	0.032151
9mo_SIGAF3_	0.04517989	0.44337454	9.97E-05	0.10268	0.17344
9mo_SIGAF3_	0.0720964	0.70552814	0.00012401	0.07238	-0.93514
9mo_SIGAF3_	0.03831342	0.3764984	9.18E-05	0.10791	0.38979
9mo_SIGAF3_	0.01961567	0.19439152	6.95E-05	0.030541	0.48489
9mo_SIGAF3_	0.07579177	0.7415192	0.0001264	0.06191	-1.0712
9mo_SIGAF3_	0.05497387	0.53876305	0.00010978	0.093528	-0.13708
9mo_SIGAF3_	0.07347837	0.7189878	0.00012491	0.068128	-0.99278
9mo_SIGAF3_	0.03324214	0.32710665	8.57E-05	0.086671	0.61617
9mo_SIGAF3_	0.05430198	0.5322192	0.0001091	0.092966	-0.11022
9mo_SIGAF3_	0.07129714	0.6977437	0.00012355	0.074645	-0.88959
9mo_SIGAF3_	0.06702703	0.656155	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.02999997	0.29552948	8.15E-05	0.067903	0.72675
9mo_SIGAF3_	0.08017629	0.78422236	0.00012871	0.055605	-1.2004
9mo_SIGAF3_	0.04221323	0.41448072	9.62E-05	0.10856	0.25963
9mo_SIGAF3_	0.00775506	0.07887495	5.81E-05	0.012286	0.13577

9mo_SIGAF3_	0.06213921	0.60855	0.00011642	0.098794	-0.4579
9mo_SIGAF3_	0.02374489	0.2346081	7.42E-05	0.041523	0.70349
9mo_SIGAF3_	0.01156767	0.11600798	6.14E-05	0.016833	0.11542
9mo_SIGAF3_	0.0514387	0.50433224	0.00010632	0.092309	-0.0001745
9mo_SIGAF3_	0.05056817	0.4958537	0.00010525	0.093003	0.021622
9mo_SIGAF3_	0.05161814	0.5060799	0.00010632	0.092309	-0.011455
9mo_SIGAF3_	0.06915347	0.6768654	0.00012186	0.08293	-0.79386
9mo_SIGAF3_	0.03064342	0.30179647	8.23E-05	0.07157	0.70647
9mo_SIGAF3_	0.06913814	0.6767161	0.00012186	0.08293	-0.79386
9mo_SIGAF3_	0.01976479	0.1958439	6.99E-05	0.031319	0.50588
9mo_SIGAF3_	0.04677015	0.4588629	0.00010122	0.099559	0.12814
9mo_SIGAF3_	0.08260907	0.80791634	0.00013009	0.053693	-1.2485
9mo_SIGAF3_	0.03911664	0.38432142	9.26E-05	0.10901	0.36311
9mo_SIGAF3_	0.04576363	0.44905987	0.00010009	0.1019	0.1553
9mo_SIGAF3_	0.07537326	0.73744315	0.00012598	0.063504	-1.0589
9mo_SIGAF3_	0.00493844	0.05144245	5.55E-05	0.0093744	0.23478
9mo_SIGAF3_	0.00853166	0.08643869	5.86E-05	0.013029	0.12259
9mo_SIGAF3_	0.08771597	0.85765505	0.00013221	0.052667	-1.3123
9mo_SIGAF3_	0.08602527	0.8411885	0.00013164	0.052775	-1.2961
9mo_SIGAF3_	0.03288629	0.3236409	8.52E-05	0.084798	0.6305
9mo_SIGAF3_	0.03018773	0.29735819	8.19E-05	0.069725	0.72675
9mo_SIGAF3_	0.06279016	0.61488986	0.00011701	0.098387	-0.47447
9mo_SIGAF3_	0.07247666	0.7092316	0.00012424	0.071279	-0.9499
9mo_SIGAF3_	0.06243405	0.6114216	0.00011672	0.098627	-0.4579
9mo_SIGAF3_	0.00451467	0.04731513	5.52E-05	0.0090922	0.24903
9mo_SIGAF3_	0.05409168	0.530171	0.0001091	0.092966	-0.097097
9mo_SIGAF3_	0.04943575	0.48482454	0.00010417	0.094268	0.062467
9mo_SIGAF3_	0.06942166	0.67947745	0.00012211	0.081739	-0.81017
9mo_SIGAF3_	0.0648094	0.6345563	0.00011871	0.095287	-0.57526
9mo_SIGAF3_	0.04948312	0.4852859	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.00443654	0.04655419	5.52E-05	0.0090922	0.24903
9mo_SIGAF3_	0.04911133	0.48166484	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.05161454	0.5060448	0.00010632	0.092309	-0.011455
9mo_SIGAF3_	0.0495467	0.4859051	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.01073354	0.10788395	6.05E-05	0.01548	0.10741
9mo_SIGAF3_	0.0708534	0.6934219	0.00012308	0.076976	-0.87403
9mo_SIGAF3_	0.05270305	0.5166464	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.02250912	0.22257233	7.30E-05	0.038397	0.65846
9mo_SIGAF3_	0.01412492	0.14091428	6.37E-05	0.020323	0.18023
9mo_SIGAF3_	0.09460502	0.9247511	0.00013474	0.052388	-1.3428
9mo_SIGAF3_	0.01385567	0.1382919	6.34E-05	0.019794	0.16714
9mo_SIGAF3_	0.03510064	0.34520757	8.77E-05	0.095565	0.52494
9mo_SIGAF3_	0.01652179	0.16425863	6.62E-05	0.024342	0.29808
9mo_SIGAF3_	0.06700237	0.6559148	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.02059938	0.20397243	7.06E-05	0.032941	0.54704
9mo_SIGAF3_	0.07965374	0.7791329	0.00012853	0.055948	-1.1924

9mo_SIGAF3_	0.00421865	0.04443207	5.50E-05	0.0088178	0.2638
9mo_SIGAF3_	0.02620058	0.25852528	7.70E-05	0.050154	0.76965
9mo_SIGAF3_	0.03179585	0.31302053	8.40E-05	0.07911	0.67094
9mo_SIGAF3_	0.03482576	0.34253034	8.73E-05	0.093873	0.54051
9mo_SIGAF3_	0.0473012	0.46403506	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.0565718	0.55432606	0.00011144	0.095284	-0.19309
9mo_SIGAF3_	0.09052321	0.8849962	0.00013338	0.052577	-1.3317
9mo_SIGAF3_	0.03830875	0.37645295	9.18E-05	0.10791	0.38979
9mo_SIGAF3_	0.04554888	0.4469683	0.00010009	0.1019	0.16436
9mo_SIGAF3_	0.07159312	0.70062643	0.00012355	0.074645	-0.90497
9mo_SIGAF3_	0.03604289	0.35438463	8.90E-05	0.10026	0.49376
9mo_SIGAF3_	0.05839667	0.57209945	0.00011305	0.097132	-0.2822
9mo_SIGAF3_	0.03203018	0.31530276	8.40E-05	0.07911	0.65793
9mo_SIGAF3_	0.05518241	0.54079413	0.00011011	0.093847	-0.13708
9mo_SIGAF3_	0.03816303	0.37503368	9.14E-05	0.10717	0.38979
9mo_SIGAF3_	0.01954181	0.1936722	6.95E-05	0.030541	0.48489
9mo_SIGAF3_	0.00949238	0.09579561	5.95E-05	0.014213	0.11014
9mo_SIGAF3_	0.0451721	0.44329867	9.97E-05	0.10268	0.17344
9mo_SIGAF3_	0.05250272	0.5146953	0.00010738	0.092189	-0.03476
9mo_SIGAF3_	0.05214151	0.5111773	0.00010703	0.092172	-0.022986
9mo_SIGAF3_	0.03073838	0.30272132	8.28E-05	0.073435	0.70647
9mo_SIGAF3_	0.07769311	0.7600373	0.0001274	0.058646	-1.1379
9mo_SIGAF3_	0.05242521	0.51394033	0.00010738	0.092189	-0.03476
9mo_SIGAF3_	0.02294707	0.2268377	7.34E-05	0.039406	0.67444
9mo_SIGAF3_	0.06936657	0.67894095	0.00012211	0.081739	-0.81017
9mo_SIGAF3_	0.08176683	0.7997134	0.00012959	0.054253	-1.2361
9mo_SIGAF3_	0.03582701	0.35228205	8.86E-05	0.098764	0.49376
9mo_SIGAF3_	0.06958924	0.68110955	0.00012235	0.080544	-0.81017
9mo_SIGAF3_	0.07094768	0.6943401	0.00012331	0.075804	-0.87403
9mo_SIGAF3_	0.07163595	0.70104355	0.00012378	0.073503	-0.90497
9mo_SIGAF3_	0.07681102	0.7514462	0.000127	0.059827	-1.1061
9mo_SIGAF3_	0.07521084	0.73586124	0.00012598	0.063504	-1.0589
9mo_SIGAF3_	0.04727926	0.46382138	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.06273389	0.61434186	0.00011701	0.098387	-0.47447
9mo_SIGAF3_	0.02841452	0.28008807	7.99E-05	0.060913	0.76245
9mo_SIGAF3_	0.0414421	0.40697026	9.54E-05	0.10929	0.28067
9mo_SIGAF3_	0.0193356	0.19166374	6.91E-05	0.029782	0.46374
9mo_SIGAF3_	0.02686621	0.2650082	7.78E-05	0.053015	0.77219
9mo_SIGAF3_	0.06528808	0.63921845	0.00011898	0.094504	-0.60919
9mo_SIGAF3_	0.07446344	0.72858196	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.04515534	0.4431354	9.93E-05	0.10345	0.17344
9mo_SIGAF3_	0.03104186	0.30567706	8.28E-05	0.073435	0.69526
9mo_SIGAF3_	0.05389693	0.52827424	0.00010876	0.092731	-0.084185
9mo_SIGAF3_	0.06205029	0.6076839	0.00011642	0.098794	-0.44141
9mo_SIGAF3_	0.06730527	0.6588649	0.00012058	0.088682	-0.71078
9mo_SIGAF3_	0.04841575	0.47489026	0.00010308	0.095994	0.091263

9mo_SIGAF3_	0.05178309	0.5076864	0.00010668	0.092211	-0.011455
9mo_SIGAF3_	0.0808857	0.7911316	0.00012924	0.054725	-1.2155
9mo_SIGAF3_	0.03513381	0.3455306	8.77E-05	0.095565	0.52494
9mo_SIGAF3_	0.06984403	0.6835911	0.00012235	0.080544	-0.82636
9mo_SIGAF3_	0.00781721	0.0794803	5.81E-05	0.012286	0.13577
9mo_SIGAF3_	0.06574547	0.6436731	0.00011925	0.093659	-0.62617
9mo_SIGAF3_	0.06478363	0.63430536	0.00011871	0.095287	-0.57526
9mo_SIGAF3_	0.04815633	0.47236353	0.00010271	0.09665	0.091263
9mo_SIGAF3_	0.03947791	0.38784003	9.30E-05	0.10937	0.35035
9mo_SIGAF3_	0.04019383	0.3948127	9.38E-05	0.10975	0.32588
9mo_SIGAF3_	0.03487621	0.34302166	8.77E-05	0.095565	0.54051
9mo_SIGAF3_	0.04374237	0.42937374	9.78E-05	0.10633	0.21046
9mo_SIGAF3_	0.05351964	0.52459955	0.00010842	0.092532	-0.07149
9mo_SIGAF3_	0.05787083	0.56697804	0.00011273	0.096781	-0.25188
9mo_SIGAF3_	0.04457205	0.43745446	9.89E-05	0.10421	0.19178
9mo_SIGAF3_	0.04673863	0.45855582	0.00010122	0.099559	0.12814
9mo_SIGAF3_	0.05751003	0.563464	0.00011209	0.096042	-0.23694
9mo_SIGAF3_	0.05714091	0.559869	0.00011177	0.095663	-0.22216
9mo_SIGAF3_	0.06497799	0.6361983	0.00011871	0.095287	-0.59222
9mo_SIGAF3_	0.0598538	0.5862912	0.00011431	0.098311	-0.3445
9mo_SIGAF3_	0.04349583	0.42697263	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.01463134	0.14584659	6.44E-05	0.021412	0.20962
9mo_SIGAF3_	0.0448418	0.44008166	9.93E-05	0.10345	0.18258
9mo_SIGAF3_	0.04586014	0.44999984	0.00010046	0.10111	0.1553
9mo_SIGAF3_	0.05223033	0.5120423	0.00010703	0.092172	-0.03476
9mo_SIGAF3_	0.05020892	0.4923548	0.0001049	0.093366	0.032151
9mo_SIGAF3_	0.05655502	0.5541627	0.00011144	0.095284	-0.19309
9mo_SIGAF3_	0.05748799	0.56324935	0.00011209	0.096042	-0.23694
9mo_SIGAF3_	0.07644867	0.7479171	0.0001268	0.060479	-1.0948
9mo_SIGAF3_	0.05932765	0.58116674	0.000114	0.098059	-0.31309
9mo_SIGAF3_	0.0505489	0.4956661	0.00010525	0.093003	0.021622
9mo_SIGAF3_	0.04702403	0.46133557	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.02189484	0.21658948	7.22E-05	0.03647	0.62396
9mo_SIGAF3_	0.06279428	0.61493003	0.00011701	0.098387	-0.47447
9mo_SIGAF3_	0.06124692	0.5998595	0.00011553	0.098907	-0.4087
9mo_SIGAF3_	0.07574675	0.74108076	0.0001264	0.06191	-1.0712
9mo_SIGAF3_	0.01342474	0.13409494	6.30E-05	0.019276	0.15521
9mo_SIGAF3_	0.05890955	0.5770946	0.00011368	0.097776	-0.29758
9mo_SIGAF3_	0.07314504	0.71574134	0.00012469	0.069151	-0.97873
9mo_SIGAF3_	0.04624121	0.45371124	0.00010084	0.10033	0.14626
9mo_SIGAF3_	0.05083788	0.4984806	0.00010561	0.092703	0.010852
9mo_SIGAF3_	0.03522742	0.3464423	8.81E-05	0.097198	0.52494
9mo_SIGAF3_	0.01969296	0.19514433	6.95E-05	0.030541	0.50588
9mo_SIGAF3_	0.0491511	0.48205218	0.00010381	0.094798	0.062467
9mo_SIGAF3_	0.07743084	0.75748295	0.0001272	0.059217	-1.1276
9mo_SIGAF3_	0.0826486	0.8083014	0.00013009	0.053693	-1.2485

9mo_SIGAF3_	0.0362686	0.3565829	8.94E-05	0.10166	0.47826
9mo_SIGAF3_	0.00541987	0.05613142	5.61E-05	0.0099627	0.20797
9mo_SIGAF3_	0.03741217	0.36772078	9.06E-05	0.10531	0.43275
9mo_SIGAF3_	0.04916126	0.48215106	0.00010381	0.094798	0.062467
9mo_SIGAF3_	0.02373516	0.23451333	7.42E-05	0.041523	0.70349
9mo_SIGAF3_	0.04791411	0.4700045	0.00010271	0.09665	0.10061
9mo_SIGAF3_	0.0630985	0.617893	0.0001173	0.098072	-0.49111
9mo_SIGAF3_	0.00815903	0.0828094	5.84E-05	0.012653	0.12871
9mo_SIGAF3_	0.07586636	0.7422457	0.0001264	0.06191	-1.0832
9mo_SIGAF3_	0.03856129	0.37891254	9.18E-05	0.10791	0.37625
9mo_SIGAF3_	0.01393575	0.13907193	6.37E-05	0.020323	0.18023
9mo_SIGAF3_	0.07269308	0.7113395	0.00012446	0.070202	-0.9499
9mo_SIGAF3_	0.0600744	0.58843976	0.00011462	0.098526	-0.36038
9mo_SIGAF3_	0.04358366	0.42782798	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.0513625	0.5035901	0.00010632	0.092309	-0.0001745
9mo_SIGAF3_	0.00725553	0.07400982	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.05148974	0.50482935	0.00010632	0.092309	-0.0001745
9mo_SIGAF3_	0.03130623	0.3082519	8.32E-05	0.075317	0.69526
9mo_SIGAF3_	0.06860828	0.6715555	0.00012161	0.084113	-0.7609
9mo_SIGAF3_	0.07052397	0.69021344	0.00012284	0.078159	-0.8583
9mo_SIGAF3_	0.06043993	0.5919998	0.00011492	0.0987	-0.37638
9mo_SIGAF3_	0.06054767	0.59304917	0.00011492	0.0987	-0.37638
9mo_SIGAF3_	0.04829514	0.47371548	0.00010308	0.095994	0.091263
9mo_SIGAF3_	0.05768756	0.565193	0.00011241	0.096416	-0.25188
9mo_SIGAF3_	0.07093223	0.69418967	0.00012331	0.075804	-0.87403
9mo_SIGAF3_	0.06286918	0.61565953	0.00011701	0.098387	-0.49111
9mo_SIGAF3_	0.07923396	0.77504444	0.00012835	0.05632	-1.1841
9mo_SIGAF3_	0.04040895	0.3969079	9.42E-05	0.10978	0.31414
9mo_SIGAF3_	0.08655767	0.84637386	0.00013179	0.052739	-1.3031
9mo_SIGAF3_	0.04504627	0.44207308	9.93E-05	0.10345	0.17344
9mo_SIGAF3_	0.04898461	0.4804306	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.03171914	0.31227338	8.36E-05	0.07721	0.67094
9mo_SIGAF3_	0.03731268	0.36675176	9.06E-05	0.10531	0.43275
9mo_SIGAF3_	0.08883368	0.86854106	0.00013275	0.052622	-1.3223
9mo_SIGAF3_	0.06320438	0.6189242	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.05356745	0.5250652	0.00010842	0.092532	-0.084185
9mo_SIGAF3_	0.06163687	0.6036574	0.00011583	0.09893	-0.42501
9mo_SIGAF3_	0.07836615	0.7665924	0.00012778	0.057615	-1.1573
9mo_SIGAF3_	0.05209669	0.51074076	0.00010703	0.092172	-0.022986
9mo_SIGAF3_	0.02360074	0.23320414	7.42E-05	0.041523	0.70349
9mo_SIGAF3_	0.06493998	0.6358281	0.00011871	0.095287	-0.59222
9mo_SIGAF3_	0.05001597	0.49047554	0.0001049	0.093366	0.042456
9mo_SIGAF3_	0.04479008	0.43957794	9.89E-05	0.10421	0.18258
9mo_SIGAF3_	0.06394897	0.6261762	0.00011787	0.097201	-0.54144
9mo_SIGAF3_	0.06023672	0.5900206	0.00011462	0.098526	-0.36038
9mo_SIGAF3_	0.0595336	0.58317256	0.000114	0.098059	-0.32873

9mo_SIGAF3_	0.05104505	0.50049824	0.00010597	0.092472	0.010852
9mo_SIGAF3_	0.0059403	0.06120015	5.63E-05	0.010269	0.19547
9mo_SIGAF3_	0.07851955	0.76808643	0.00012797	0.057152	-1.1573
9mo_SIGAF3_	0.03252085	0.3200817	8.48E-05	0.082909	0.64444
9mo_SIGAF3_	0.03546518	0.34875798	8.81E-05	0.097198	0.50933
9mo_SIGAF3_	0.03621595	0.3560701	8.90E-05	0.10026	0.47826
9mo_SIGAF3_	0.0826779	0.8085868	0.00013009	0.053693	-1.2543
9mo_SIGAF3_	0.04478971	0.4395744	9.89E-05	0.10421	0.18258
9mo_SIGAF3_	0.06916353	0.6769634	0.00012186	0.08293	-0.79386
9mo_SIGAF3_	0.02745482	0.270741	7.86E-05	0.05605	0.77153
9mo_SIGAF3_	0.04527808	0.4443308	9.97E-05	0.10268	0.17344
9mo_SIGAF3_	0.05324848	0.52195865	0.00010807	0.092373	-0.07149
9mo_SIGAF3_	0.07835276	0.766462	0.00012778	0.057615	-1.1573
9mo_SIGAF3_	0.07395765	0.7236558	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.05844867	0.57260585	0.00011305	0.097132	-0.2822
9mo_SIGAF3_	0.04954409	0.4858797	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.06546992	0.6409895	0.00011925	0.093659	-0.60919
9mo_SIGAF3_	0.0534616	0.5240343	0.00010842	0.092532	-0.07149
9mo_SIGAF3_	0.08358016	0.8173743	0.00013042	0.053406	-1.2651
9mo_SIGAF3_	0.07319402	0.7162184	0.00012469	0.069151	-0.97873
9mo_SIGAF3_	0.05027992	0.49304634	0.0001049	0.093366	0.032151
9mo_SIGAF3_	0.01651219	0.16416518	6.62E-05	0.024342	0.29808
9mo_SIGAF3_	0.0380538	0.3739699	9.14E-05	0.10717	0.40374
9mo_SIGAF3_	0.0608367	0.5958641	0.00011523	0.098828	-0.39249
9mo_SIGAF3_	0.04256834	0.4179393	9.66E-05	0.10808	0.24945
9mo_SIGAF3_	0.03499938	0.34422132	8.77E-05	0.095565	0.54051
9mo_SIGAF3_	0.01114175	0.11185972	6.08E-05	0.015922	0.1115
9mo_SIGAF3_	0.04136987	0.40626675	9.50E-05	0.10955	0.28067
9mo_SIGAF3_	0.05774462	0.5657488	0.00011241	0.096416	-0.25188
9mo_SIGAF3_	0.04776161	0.46851924	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.07778554	0.76093763	0.00012759	0.058113	-1.1379
9mo_SIGAF3_	0.04331022	0.42516485	9.74E-05	0.10696	0.21998
9mo_SIGAF3_	0.03688006	0.36253825	8.98E-05	0.10298	0.4477
9mo_SIGAF3_	0.02140789	0.21184683	7.14E-05	0.034655	0.6056
9mo_SIGAF3_	0.04653993	0.45662063	0.00010122	0.099559	0.13721
9mo_SIGAF3_	0.04058009	0.39857468	9.42E-05	0.10978	0.3027
9mo_SIGAF3_	0.07324476	0.7167126	0.00012469	0.069151	-0.97873
9mo_SIGAF3_	0.08574887	0.83849645	0.0001315	0.052818	-1.2961
9mo_SIGAF3_	0.03414557	0.33590567	8.65E-05	0.090344	0.57137
9mo_SIGAF3_	0.06315449	0.6184383	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.02716334	0.26790214	7.82E-05	0.054511	0.77219
9mo_SIGAF3_	0.04225401	0.4148779	9.62E-05	0.10856	0.25963
9mo_SIGAF3_	0.06482587	0.63471675	0.00011871	0.095287	-0.57526
9mo_SIGAF3_	0.05072279	0.4973597	0.00010561	0.092703	0.021622
9mo_SIGAF3_	0.05095302	0.499602	0.00010561	0.092703	0.010852
9mo_SIGAF3_	0.05927215	0.5806262	0.000114	0.098059	-0.31309

9mo_SIGAF3_	0.0212578	0.21038508	7.14E-05	0.034655	0.58661
9mo_SIGAF3_	0.0672561	0.658386	0.00012058	0.088682	-0.71078
9mo_SIGAF3_	0.00744744	0.07587891	5.78E-05	0.011928	0.14372
9mo_SIGAF3_	0.05653128	0.5539315	0.00011144	0.095284	-0.19309
9mo_SIGAF3_	0.04566601	0.44810912	0.00010009	0.1019	0.16436
9mo_SIGAF3_	0.04829754	0.47373885	0.00010308	0.095994	0.091263
9mo_SIGAF3_	0.07405179	0.72457266	0.00012534	0.066176	-1.0066
9mo_SIGAF3_	0.0567942	0.5564922	0.00011144	0.095284	-0.20754
9mo_SIGAF3_	0.05228004	0.51252645	0.00010703	0.092172	-0.03476
9mo_SIGAF3_	0.05914808	0.57941777	0.00011368	0.097776	-0.31309
9mo_SIGAF3_	0.05207341	0.510514	0.00010703	0.092172	-0.022986
9mo_SIGAF3_	0.03317048	0.32640877	8.57E-05	0.086671	0.61617
9mo_SIGAF3_	0.04876196	0.4782621	0.00010344	0.095375	0.081803
9mo_SIGAF3_	0.06152064	0.6025254	0.00011583	0.09893	-0.42501
9mo_SIGAF3_	0.04506747	0.44227958	9.93E-05	0.10345	0.17344
9mo_SIGAF3_	0.04738521	0.46485323	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.02327736	0.23005457	7.38E-05	0.040447	0.68948
9mo_SIGAF3_	0.0483322	0.4740765	0.00010308	0.095994	0.091263
9mo_SIGAF3_	0.06676046	0.6535587	0.00012006	0.090801	-0.67704
9mo_SIGAF3_	0.06783483	0.6640225	0.0001211	0.086439	-0.72756
9mo_SIGAF3_	0.06203507	0.60753566	0.00011642	0.098794	-0.44141
9mo_SIGAF3_	0.01675118	0.16649279	6.65E-05	0.024968	0.31771
9mo_SIGAF3_	0.06003919	0.5880968	0.00011462	0.098526	-0.3445
9mo_SIGAF3_	0.06425235	0.6291309	0.00011815	0.096641	-0.55833
9mo_SIGAF3_	0.07014203	0.6864935	0.0001226	0.07935	-0.8424
9mo_SIGAF3_	0.04732839	0.4642999	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.08875755	0.8677996	0.00013261	0.052631	-1.32
9mo_SIGAF3_	0.05261634	0.51580185	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.06055965	0.59316576	0.00011492	0.0987	-0.37638
9mo_SIGAF3_	0.05219063	0.5116556	0.00010703	0.092172	-0.022986
9mo_SIGAF3_	0.00272787	0.0299126	5.39E-05	0.007795	0.3272
9mo_SIGAF3_	0.06382481	0.62496686	0.00011787	0.097201	-0.5246
9mo_SIGAF3_	0.05216253	0.511382	0.00010703	0.092172	-0.022986
9mo_SIGAF3_	0.04160224	0.40852994	9.54E-05	0.10929	0.27003
9mo_SIGAF3_	0.02127238	0.21052703	7.14E-05	0.034655	0.58661
9mo_SIGAF3_	0.05289279	0.51849437	0.00010773	0.092257	-0.059017
9mo_SIGAF3_	0.04524231	0.44398248	9.97E-05	0.10268	0.17344
9mo_SIGAF3_	0.04688179	0.45995018	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.0899148	0.8790706	0.00013313	0.052597	-1.3283
9mo_SIGAF3_	0.06241265	0.61121315	0.00011672	0.098627	-0.4579
9mo_SIGAF3_	0.07755363	0.75867885	0.0001274	0.058646	-1.1379
9mo_SIGAF3_	0.0584381	0.5725029	0.00011305	0.097132	-0.2822
9mo_SIGAF3_	0.04503155	0.44192973	9.93E-05	0.10345	0.17344
9mo_SIGAF3_	0.06064773	0.5940237	0.00011523	0.098828	-0.37638
9mo_SIGAF3_	0.08390702	0.82055783	0.00013058	0.053285	-1.2702
9mo_SIGAF3_	0.04668719	0.45805493	0.00010122	0.099559	0.13721

9mo_SIGAF3_	0.07881025	0.7709178	0.00012816	0.056721	-1.1666
9mo_SIGAF3_	0.05644736	0.5531142	0.00011111	0.094909	-0.19309
9mo_SIGAF3_	0.05733664	0.5617753	0.00011209	0.096042	-0.23694
9mo_SIGAF3_	0.05094245	0.49949905	0.00010561	0.092703	0.010852
9mo_SIGAF3_	0.04733543	0.4643684	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.00690154	0.07056212	5.72E-05	0.011238	0.16213
9mo_SIGAF3_	0.06395745	0.6262587	0.00011787	0.097201	-0.54144
9mo_SIGAF3_	0.05603293	0.5490778	0.00011078	0.094541	-0.17881
9mo_SIGAF3_	0.06621308	0.64822745	0.00011979	0.091802	-0.64315
9mo_SIGAF3_	0.04983896	0.48875162	0.00010453	0.09379	0.042456
9mo_SIGAF3_	0.0367115	0.3608966	8.98E-05	0.10298	0.46289
9mo_SIGAF3_	0.0606209	0.5937624	0.00011523	0.098828	-0.37638
9mo_SIGAF3_	0.05021248	0.49238953	0.0001049	0.093366	0.032151
9mo_SIGAF3_	0.04382713	0.43019927	9.82E-05	0.10565	0.21046
9mo_SIGAF3_	0.03514212	0.3456115	8.77E-05	0.095565	0.52494
9mo_SIGAF3_	0.07802926	0.76331127	0.00012759	0.058113	-1.1478
9mo_SIGAF3_	0.07316667	0.71595204	0.00012469	0.069151	-0.97873
9mo_SIGAF3_	0.05314421	0.52094305	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.06919483	0.67726827	0.00012211	0.081739	-0.79386
9mo_SIGAF3_	0.03896681	0.38286212	9.22E-05	0.10852	0.36311
9mo_SIGAF3_	0.04354028	0.42740557	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.01061473	0.10672678	6.05E-05	0.01548	0.10741
9mo_SIGAF3_	0.06706064	0.6564823	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.07136423	0.69839716	0.00012355	0.074645	-0.90497
9mo_SIGAF3_	0.00042916	0.0075243	5.21E-05	0.0062712	0.4491
9mo_SIGAF3_	0.06883992	0.6738116	0.00012161	0.084113	-0.77743
9mo_SIGAF3_	0.01143952	0.11475979	6.11E-05	0.016373	0.1115
9mo_SIGAF3_	0.00820083	0.08321658	5.84E-05	0.012653	0.12871
9mo_SIGAF3_	0.0313619	0.30879405	8.32E-05	0.075317	0.6834
9mo_SIGAF3_	0.04509651	0.44256246	9.93E-05	0.10345	0.17344
9mo_SIGAF3_	0.01174952	0.11777905	6.14E-05	0.016833	0.11542
9mo_SIGAF3_	0.04167601	0.40924844	9.54E-05	0.10929	0.27003
9mo_SIGAF3_	0.04459529	0.43768084	9.89E-05	0.10421	0.19178
9mo_SIGAF3_	0.05627891	0.5514735	0.00011111	0.094909	-0.17881
9mo_SIGAF3_	0.06851264	0.6706241	0.00012161	0.084113	-0.7609
9mo_SIGAF3_	0.09862879	0.9639406	0.00013585	0.052145	-1.3442
9mo_SIGAF3_	0.00325179	0.03501535	5.42E-05	0.0080398	0.2947
9mo_SIGAF3_	0.05829806	0.57113904	0.00011305	0.097132	-0.26697
9mo_SIGAF3_	0.00671867	0.0687811	5.72E-05	0.011238	0.16213
9mo_SIGAF3_	0.04282136	0.42040354	9.70E-05	0.10755	0.23945
9mo_SIGAF3_	0.06755278	0.66127545	0.00012084	0.087573	-0.71078
9mo_SIGAF3_	0.02175543	0.21523173	7.18E-05	0.035549	0.62396
9mo_SIGAF3_	0.04599308	0.4512946	0.00010046	0.10111	0.1553
9mo_SIGAF3_	0.04874123	0.4780602	0.00010344	0.095375	0.081803
9mo_SIGAF3_	0.053255	0.5220221	0.00010807	0.092373	-0.07149
9mo_SIGAF3_	0.06204796	0.6076612	0.00011642	0.098794	-0.44141

9mo_SIGAF3_	0.04102226	0.40288126	9.46E-05	0.10971	0.29155
9mo_SIGAF3_	0.06981786	0.6833362	0.00012235	0.080544	-0.82636
9mo_SIGAF3_	0.03517705	0.34595174	8.77E-05	0.095565	0.52494
9mo_SIGAF3_	0.06192196	0.60643405	0.00011613	0.098894	-0.44141
9mo_SIGAF3_	0.03057019	0.30108318	8.23E-05	0.07157	0.71698
9mo_SIGAF3_	0.0847774	0.82903486	0.00013105	0.053002	-1.2841
9mo_SIGAF3_	0.01892749	0.18768899	6.87E-05	0.029043	0.44251
9mo_SIGAF3_	0.0788139	0.77095324	0.00012816	0.056721	-1.1666
9mo_SIGAF3_	0.07300475	0.714375	0.00012469	0.069151	-0.96444
9mo_SIGAF3_	0.07590699	0.74264145	0.0001264	0.06191	-1.0832
9mo_SIGAF3_	0.07499935	0.7338014	0.00012577	0.064358	-1.0462
9mo_SIGAF3_	0.07583495	0.7419397	0.0001264	0.06191	-1.0832
9mo_SIGAF3_	0.04643007	0.45555067	0.00010084	0.10033	0.13721
9mo_SIGAF3_	0.04465998	0.43831086	9.89E-05	0.10421	0.19178
9mo_SIGAF3_	0.06443457	0.6309057	0.00011843	0.096001	-0.55833
9mo_SIGAF3_	0.04751913	0.46615753	0.00010197	0.098057	0.10986
9mo_SIGAF3_	0.07173709	0.70202863	0.00012378	0.073503	-0.92016
9mo_SIGAF3_	0.05222332	0.51197404	0.00010703	0.092172	-0.03476
9mo_SIGAF3_	0.06554719	0.64174205	0.00011925	0.093659	-0.62617
9mo_SIGAF3_	0.01802069	0.17885716	6.76E-05	0.026932	0.4001
9mo_SIGAF3_	0.07368685	0.7210183	0.00012513	0.067136	-0.99278
9mo_SIGAF3_	0.05592832	0.548059	0.00011078	0.094541	-0.16472
9mo_SIGAF3_	0.02451133	0.24207288	7.50E-05	0.043782	0.73857
9mo_SIGAF3_	0.05065357	0.4966855	0.00010561	0.092703	0.021622
9mo_SIGAF3_	0.03561897	0.35025585	8.86E-05	0.098764	0.50933
9mo_SIGAF3_	0.05472177	0.5363077	0.00010944	0.093233	-0.12355
9mo_SIGAF3_	0.05068269	0.49696907	0.00010561	0.092703	0.021622
9mo_SIGAF3_	0.00826863	0.08387693	5.84E-05	0.012653	0.12871
9mo_SIGAF3_	0.05914616	0.57939905	0.00011368	0.097776	-0.31309
9mo_SIGAF3_	0.0531183	0.52069074	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.05093494	0.49942586	0.00010561	0.092703	0.010852
9mo_SIGAF3_	0.04286783	0.4208562	9.70E-05	0.10755	0.23945
9mo_SIGAF3_	0.06851009	0.67059916	0.00012161	0.084113	-0.7609
9mo_SIGAF3_	0.06731337	0.6589437	0.00012058	0.088682	-0.71078
9mo_SIGAF3_	0.01524932	0.1518654	6.47E-05	0.021973	0.24275
9mo_SIGAF3_	0.06957071	0.68092906	0.00012235	0.080544	-0.81017
9mo_SIGAF3_	0.04551367	0.44662535	0.00010009	0.1019	0.16436
9mo_SIGAF3_	0.04265614	0.4187944	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.07715294	0.7547763	0.0001272	0.059217	-1.117
9mo_SIGAF3_	0.05239176	0.5136146	0.00010738	0.092189	-0.03476
9mo_SIGAF3_	0.07031287	0.6881574	0.00012284	0.078159	-0.8424
9mo_SIGAF3_	0.05833243	0.57147384	0.00011305	0.097132	-0.26697
9mo_SIGAF3_	0.06883586	0.6737721	0.00012161	0.084113	-0.77743
9mo_SIGAF3_	0.01928526	0.1911735	6.91E-05	0.029782	0.46374
9mo_SIGAF3_	0.01893114	0.18772456	6.87E-05	0.029043	0.44251
9mo_SIGAF3_	0.05286091	0.5181838	0.00010773	0.092257	-0.046772

9mo_SIGAF3_	0.03388805	0.3333975	8.65E-05	0.090344	0.58656
9mo_SIGAF3_	0.04774898	0.46839616	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.05768542	0.56517226	0.00011241	0.096416	-0.25188
9mo_SIGAF3_	0.05142304	0.50417966	0.00010632	0.092309	-0.0001745
9mo_SIGAF3_	0.08756127	0.85614836	0.00013221	0.052667	-1.3123
9mo_SIGAF3_	0.07287804	0.7131409	0.00012446	0.070202	-0.96444
9mo_SIGAF3_	0.04383896	0.4303145	9.82E-05	0.10565	0.21046
9mo_SIGAF3_	0.02591175	0.2557123	7.66E-05	0.04879	0.76634
9mo_SIGAF3_	0.05768249	0.5651437	0.00011241	0.096416	-0.25188
9mo_SIGAF3_	0.0412813	0.40540415	9.50E-05	0.10955	0.28067
9mo_SIGAF3_	0.01129482	0.11335054	6.11E-05	0.016373	0.1115
9mo_SIGAF3_	0.04948974	0.4853504	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.04329749	0.42504084	9.74E-05	0.10696	0.21998
9mo_SIGAF3_	0.06171186	0.60438776	0.00011613	0.098894	-0.42501
9mo_SIGAF3_	0.02575821	0.25421685	7.66E-05	0.04879	0.7616
9mo_SIGAF3_	0.00378479	0.04020651	5.47E-05	0.008551	0.27903
9mo_SIGAF3_	0.06314899	0.6183847	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.06522162	0.63857114	0.00011898	0.094504	-0.60919
9mo_SIGAF3_	0.07252213	0.7096745	0.00012424	0.071279	-0.9499
9mo_SIGAF3_	0.06461124	0.63262635	0.00011843	0.096001	-0.57526
9mo_SIGAF3_	0.06378772	0.62460566	0.00011787	0.097201	-0.5246
9mo_SIGAF3_	0.05567094	0.5455522	0.00011045	0.094186	-0.16472
9mo_SIGAF3_	0.03380244	0.33256367	8.61E-05	0.088522	0.58656
9mo_SIGAF3_	0.00583584	0.06018276	5.63E-05	0.010269	0.19547
9mo_SIGAF3_	0.05745347	0.5629132	0.00011209	0.096042	-0.23694
9mo_SIGAF3_	0.0566771	0.5553517	0.00011144	0.095284	-0.20754
9mo_SIGAF3_	0.0112449	0.11286427	6.11E-05	0.016373	0.1115
9mo_SIGAF3_	0.01419787	0.14162481	6.37E-05	0.020323	0.18023
9mo_SIGAF3_	0.06347232	0.62153375	0.00011758	0.097678	-0.50782
9mo_SIGAF3_	0.04931675	0.48366553	0.00010417	0.094268	0.062467
9mo_SIGAF3_	0.03417338	0.33617648	8.69E-05	0.09213	0.57137
9mo_SIGAF3_	0.06457129	0.63223726	0.00011843	0.096001	-0.57526
9mo_SIGAF3_	0.04366539	0.42862403	9.78E-05	0.10633	0.21046
9mo_SIGAF3_	0.04345773	0.4266015	9.78E-05	0.10633	0.21998
9mo_SIGAF3_	0.08246219	0.80648583	0.00012993	0.053861	-1.2485
9mo_SIGAF3_	0.02405191	0.23759836	7.46E-05	0.042633	0.71639
9mo_SIGAF3_	0.06710779	0.6569415	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.03918747	0.38501126	9.26E-05	0.10901	0.35035
9mo_SIGAF3_	0.05377137	0.52705127	0.00010876	0.092731	-0.084185
9mo_SIGAF3_	0.04473301	0.4390221	9.89E-05	0.10421	0.18258
9mo_SIGAF3_	0.06823813	0.66795045	0.00012136	0.085284	-0.74427
9mo_SIGAF3_	0.04267073	0.41893658	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.03438089	0.33819756	8.69E-05	0.09213	0.57137
9mo_SIGAF3_	0.04610213	0.45235667	0.00010046	0.10111	0.14626
9mo_SIGAF3_	0.03870236	0.38028657	9.22E-05	0.10852	0.37625
9mo_SIGAF3_	0.04955228	0.4859595	0.00010417	0.094268	0.052555

9mo_SIGAF3_	0.06266774	0.6136975	0.00011672	0.098627	-0.47447
9mo_SIGAF3_	0.0827197	0.8089939	0.00013009	0.053693	-1.2543
9mo_SIGAF3_	0.02356161	0.23282306	7.42E-05	0.041523	0.70349
9mo_SIGAF3_	0.01147301	0.11508597	6.11E-05	0.016373	0.11542
9mo_SIGAF3_	0.07971523	0.7797318	0.00012853	0.055948	-1.1924
9mo_SIGAF3_	0.06185485	0.6057804	0.00011613	0.098894	-0.44141
9mo_SIGAF3_	0.03704375	0.36413246	9.02E-05	0.1042	0.4477
9mo_SIGAF3_	0.06039675	0.5915792	0.00011492	0.0987	-0.36038
9mo_SIGAF3_	0.05312518	0.5207578	0.00010807	0.092373	-0.059017
9mo_SIGAF3_	0.04817789	0.47257358	0.00010271	0.09665	0.091263
9mo_SIGAF3_	0.01273202	0.12734815	6.24E-05	0.018271	0.13519
9mo_SIGAF3_	0.01768397	0.17557776	6.72E-05	0.026262	0.37908
9mo_SIGAF3_	0.07283837	0.7127545	0.00012446	0.070202	-0.96444
9mo_SIGAF3_	0.07159095	0.7006052	0.00012355	0.074645	-0.90497
9mo_SIGAF3_	0.07045206	0.689513	0.00012284	0.078159	-0.8583
9mo_SIGAF3_	0.07703465	0.75362426	0.000127	0.059827	-1.117
9mo_SIGAF3_	0.00901555	0.09115157	5.89E-05	0.013414	0.11742
9mo_SIGAF3_	0.08155281	0.79762894	0.00012942	0.054478	-1.2295
9mo_SIGAF3_	0.06844337	0.66994935	0.00012136	0.085284	-0.7609
9mo_SIGAF3_	0.01802781	0.17892659	6.76E-05	0.026932	0.4001
9mo_SIGAF3_	0.05783378	0.5666172	0.00011241	0.096416	-0.25188
9mo_SIGAF3_	0.04428545	0.4346631	9.86E-05	0.10494	0.20107
9mo_SIGAF3_	0.01074948	0.10803919	6.05E-05	0.01548	0.10741
9mo_SIGAF3_	0.03322603	0.32694975	8.57E-05	0.086671	0.61617
9mo_SIGAF3_	0.07829714	0.7659203	0.00012778	0.057615	-1.1573
9mo_SIGAF3_	0.03240513	0.31895462	8.44E-05	0.081011	0.64444
9mo_SIGAF3_	0.06741876	0.6599702	0.00012058	0.088682	-0.71078
9mo_SIGAF3_	0.04234077	0.41572285	9.62E-05	0.10856	0.24945
9mo_SIGAF3_	0.07895188	0.77229714	0.00012816	0.056721	-1.1755
9mo_SIGAF3_	0.05828938	0.5710545	0.00011305	0.097132	-0.26697
9mo_SIGAF3_	0.06309102	0.6178201	0.0001173	0.098072	-0.49111
9mo_SIGAF3_	0.05334971	0.52294457	0.00010807	0.092373	-0.07149
9mo_SIGAF3_	0.04674914	0.45865822	0.00010122	0.099559	0.12814
9mo_SIGAF3_	0.04723782	0.46341774	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.09000686	0.8799672	0.00013313	0.052597	-1.3283
9mo_SIGAF3_	0.04805485	0.47137523	0.00010271	0.09665	0.10061
9mo_SIGAF3_	0.02624594	0.25896707	7.70E-05	0.050154	0.76965
9mo_SIGAF3_	0.01022853	0.1029654	6.02E-05	0.015048	0.10718
9mo_SIGAF3_	0.04261145	0.41835913	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.02711154	0.26739764	7.82E-05	0.054511	0.77219
9mo_SIGAF3_	0.01381525	0.13789831	6.34E-05	0.019794	0.16714
9mo_SIGAF3_	0.00838454	0.08500579	5.84E-05	0.012653	0.12871
9mo_SIGAF3_	0.04456176	0.43735418	9.89E-05	0.10421	0.19178
9mo_SIGAF3_	0.07235806	0.7080766	0.00012424	0.071279	-0.93514
9mo_SIGAF3_	0.03277601	0.3225668	8.48E-05	0.082909	0.6305
9mo_SIGAF3_	0.0370941	0.36462286	9.02E-05	0.1042	0.4477

9mo_SIGAF3_	0.08057059	0.78806263	0.00012907	0.054994	-1.2081
9mo_SIGAF3_	0.07454447	0.7293711	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.01730837	0.17191951	6.69E-05	0.025607	0.35829
9mo_SIGAF3_	0.03760567	0.36960536	9.10E-05	0.1063	0.41807
9mo_SIGAF3_	0.01866343	0.18511717	6.84E-05	0.028322	0.44251
9mo_SIGAF3_	0.01502541	0.1496846	6.47E-05	0.021973	0.22576
9mo_SIGAF3_	0.00733947	0.07482734	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.07027459	0.6877846	0.00012284	0.078159	-0.8424
9mo_SIGAF3_	0.0739705	0.723781	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.05924741	0.58038527	0.000114	0.098059	-0.31309
9mo_SIGAF3_	0.08010805	0.78355765	0.00012871	0.055605	-1.2004
9mo_SIGAF3_	0.0861887	0.8427803	0.00013164	0.052775	-1.2997
9mo_SIGAF3_	0.05257731	0.51542175	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.04696271	0.46073833	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.08906736	0.87081695	0.00013275	0.052622	-1.3223
9mo_SIGAF3_	0.01576129	0.15685172	6.54E-05	0.023132	0.26052
9mo_SIGAF3_	0.04535389	0.44506916	9.97E-05	0.10268	0.16436
9mo_SIGAF3_	0.04945226	0.48498532	0.00010417	0.094268	0.062467
9mo_SIGAF3_	0.0689572	0.6749539	0.00012186	0.08293	-0.77743
9mo_SIGAF3_	0.05975238	0.5853034	0.00011431	0.098311	-0.3445
9mo_SIGAF3_	0.0281265	0.27728283	7.94E-05	0.059253	0.76661
9mo_SIGAF3_	0.05463034	0.53541726	0.00010944	0.093233	-0.12355
9mo_SIGAF3_	0.07003263	0.68542796	0.0001226	0.07935	-0.8424
9mo_SIGAF3_	0.04436543	0.43544203	9.86E-05	0.10494	0.19178
9mo_SIGAF3_	0.0386903	0.3801691	9.22E-05	0.10852	0.37625
9mo_SIGAF3_	0.07311454	0.71544427	0.00012469	0.069151	-0.97873
9mo_SIGAF3_	0.06654484	0.6514586	0.00012006	0.090801	-0.66011
9mo_SIGAF3_	0.06236068	0.610707	0.00011672	0.098627	-0.4579
9mo_SIGAF3_	0.03388631	0.3333806	8.65E-05	0.090344	0.58656
9mo_SIGAF3_	0.06091438	0.5966207	0.00011523	0.098828	-0.39249
9mo_SIGAF3_	0.02285069	0.22589909	7.34E-05	0.039406	0.67444
9mo_SIGAF3_	0.07465944	0.7304909	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.0628574	0.61554474	0.00011701	0.098387	-0.49111
9mo_SIGAF3_	0.06492294	0.6356622	0.00011871	0.095287	-0.59222
9mo_SIGAF3_	0.04596481	0.45101926	0.00010046	0.10111	0.1553
9mo_SIGAF3_	0.04783062	0.46919128	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.04439685	0.43574807	9.86E-05	0.10494	0.19178
9mo_SIGAF3_	0.07709607	0.75422245	0.0001272	0.059217	-1.117
9mo_SIGAF3_	0.01566037	0.15586886	6.54E-05	0.023132	0.26052
9mo_SIGAF3_	0.04368451	0.42881024	9.78E-05	0.10633	0.21046
9mo_SIGAF3_	0.05762293	0.5645636	0.00011241	0.096416	-0.23694
9mo_SIGAF3_	0.06213213	0.608481	0.00011642	0.098794	-0.4579
9mo_SIGAF3_	0.00086668	0.01178554	5.26E-05	0.0066742	0.41342
9mo_SIGAF3_	0.07189962	0.7036116	0.00012378	0.073503	-0.92016
9mo_SIGAF3_	0.00582352	0.06006276	5.63E-05	0.010269	0.19547
9mo_SIGAF3_	0.04970911	0.4874869	0.00010453	0.09379	0.052555

9mo_SIGAF3_	0.03606197	0.35457042	8.90E-05	0.10026	0.49376
9mo_SIGAF3_	0.05459715	0.535094	0.00010944	0.093233	-0.12355
9mo_SIGAF3_	0.06254092	0.6124624	0.00011672	0.098627	-0.47447
9mo_SIGAF3_	0.01365409	0.13632865	6.34E-05	0.019794	0.16714
9mo_SIGAF3_	0.04793792	0.47023636	0.00010271	0.09665	0.10061
9mo_SIGAF3_	0.04961612	0.48658127	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.04746338	0.46561456	0.00010197	0.098057	0.10986
9mo_SIGAF3_	0.04273395	0.41955224	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.0104766	0.10538143	6.05E-05	0.01548	0.10741
9mo_SIGAF3_	0.02045067	0.202524	7.06E-05	0.032941	0.54704
9mo_SIGAF3_	0.0619145	0.6063614	0.00011613	0.098894	-0.44141
9mo_SIGAF3_	0.02950118	0.29067156	8.11E-05	0.066108	0.7438
9mo_SIGAF3_	0.08153753	0.7974801	0.00012942	0.054478	-1.2295
9mo_SIGAF3_	0.04653869	0.45660856	0.00010122	0.099559	0.13721
9mo_SIGAF3_	0.03998534	0.39278212	9.34E-05	0.10962	0.32588
9mo_SIGAF3_	0.04898522	0.48043656	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.05688733	0.5573993	0.00011177	0.095663	-0.20754
9mo_SIGAF3_	0.05423704	0.5315867	0.0001091	0.092966	-0.097097
9mo_SIGAF3_	0.03973819	0.39037505	9.34E-05	0.10962	0.33794
9mo_SIGAF3_	0.03900075	0.38319275	9.26E-05	0.10901	0.36311
9mo_SIGAF3_	0.0779098	0.7621478	0.00012759	0.058113	-1.1478
9mo_SIGAF3_	0.04120836	0.40469375	9.50E-05	0.10955	0.29155
9mo_SIGAF3_	0.06379178	0.62464523	0.00011787	0.097201	-0.5246
9mo_SIGAF3_	0.03521796	0.34635016	8.81E-05	0.097198	0.52494
9mo_SIGAF3_	0.06276815	0.6146755	0.00011701	0.098387	-0.47447
9mo_SIGAF3_	0.07622108	0.7457005	0.0001266	0.061174	-1.0948
9mo_SIGAF3_	0.06575248	0.6437415	0.00011925	0.093659	-0.62617
9mo_SIGAF3_	0.08754934	0.85603225	0.00013221	0.052667	-1.3123
9mo_SIGAF3_	0.00805377	0.08178426	5.81E-05	0.012286	0.12871
9mo_SIGAF3_	0.03135648	0.3087413	8.32E-05	0.075317	0.6834
9mo_SIGAF3_	0.02025934	0.20066056	7.02E-05	0.032119	0.52662
9mo_SIGAF3_	0.0253375	0.25011933	7.62E-05	0.047472	0.75539
9mo_SIGAF3_	0.08247035	0.80656534	0.00012993	0.053861	-1.2485
9mo_SIGAF3_	0.02617931	0.2583182	7.70E-05	0.050154	0.76634
9mo_SIGAF3_	0.0222856	0.22039534	7.26E-05	0.037419	0.64161
9mo_SIGAF3_	0.01588474	0.15805411	6.54E-05	0.023132	0.26052
9mo_SIGAF3_	0.06465385	0.6330413	0.00011843	0.096001	-0.57526
9mo_SIGAF3_	0.05473965	0.5364819	0.00010944	0.093233	-0.12355
9mo_SIGAF3_	0.05984136	0.58617	0.00011431	0.098311	-0.3445
9mo_SIGAF3_	0.07542016	0.73789996	0.00012619	0.062687	-1.0589
9mo_SIGAF3_	0.04170669	0.40954724	9.54E-05	0.10929	0.27003
9mo_SIGAF3_	0.05272586	0.5168685	0.00010773	0.092257	-0.046772
9mo_SIGAF3_	0.06412682	0.6279083	0.00011815	0.096641	-0.54144
9mo_SIGAF3_	0.09151818	0.89468676	0.00013374	0.052539	-1.3347
9mo_SIGAF3_	0.08342592	0.81587213	0.00013042	0.053406	-1.2651
9mo_SIGAF3_	0.06340146	0.62084365	0.00011758	0.097678	-0.50782

9mo_SIGAF3_	0.0670564	0.65644103	0.00012032	0.089759	-0.69393
9mo_SIGAF3_	0.03625037	0.35640538	8.94E-05	0.10166	0.47826
9mo_SIGAF3_	0.02894752	0.28527918	8.03E-05	0.062611	0.751
9mo_SIGAF3_	0.01040555	0.10468949	6.02E-05	0.015048	0.10718
9mo_SIGAF3_	0.05008271	0.4911256	0.0001049	0.093366	0.042456
9mo_SIGAF3_	0.04895931	0.48018423	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.07098975	0.6947499	0.00012331	0.075804	-0.87403
9mo_SIGAF3_	0.08355638	0.81714267	0.00013042	0.053406	-1.2651
9mo_SIGAF3_	0.06417454	0.6283731	0.00011815	0.096641	-0.55833
9mo_SIGAF3_	0.07271329	0.71153635	0.00012446	0.070202	-0.9499
9mo_SIGAF3_	0.04192679	0.41169092	9.58E-05	0.10896	0.25963
9mo_SIGAF3_	0.03339559	0.32860115	8.57E-05	0.086671	0.60151
9mo_SIGAF3_	0.04372716	0.42922562	9.78E-05	0.10633	0.21046
9mo_SIGAF3_	0.04916833	0.48222	0.00010381	0.094798	0.062467
9mo_SIGAF3_	0.05727653	0.56118983	0.00011209	0.096042	-0.22216
9mo_SIGAF3_	0.07011551	0.68623525	0.0001226	0.07935	-0.8424
9mo_SIGAF3_	0.07859152	0.7687874	0.00012797	0.057152	-1.1666
9mo_SIGAF3_	0.02991716	0.294723	8.15E-05	0.067903	0.7357
9mo_SIGAF3_	0.06180375	0.6052828	0.00011613	0.098894	-0.44141
9mo_SIGAF3_	0.05500176	0.5390347	0.00010978	0.093528	-0.13708
9mo_SIGAF3_	0.03110782	0.30631942	8.32E-05	0.075317	0.69526
9mo_SIGAF3_	0.04901812	0.48075703	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.05589129	0.5476983	0.00011078	0.094541	-0.16472
9mo_SIGAF3_	0.07447393	0.7286841	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.08601265	0.84106565	0.0001315	0.052818	-1.2961
9mo_SIGAF3_	0.0598497	0.58625126	0.00011431	0.098311	-0.3445
9mo_SIGAF3_	0.04511333	0.44272625	9.93E-05	0.10345	0.17344
9mo_SIGAF3_	0.03295995	0.3243583	8.52E-05	0.084798	0.6305
9mo_SIGAF3_	0.02601788	0.25674587	7.70E-05	0.050154	0.76634
9mo_SIGAF3_	0.04325178	0.4245957	9.74E-05	0.10696	0.22964
9mo_SIGAF3_	0.0453344	0.44487938	9.97E-05	0.10268	0.17344
9mo_SIGAF3_	0.04716247	0.4626839	0.00010159	0.098799	0.11903
9mo_SIGAF3_	0.01023657	0.10304372	6.02E-05	0.015048	0.10718
9mo_SIGAF3_	0.03358204	0.3304171	8.61E-05	0.088522	0.60151
9mo_SIGAF3_	0.07906942	0.7734419	0.00012816	0.056721	-1.1755
9mo_SIGAF3_	0.01618244	0.16095355	6.58E-05	0.023731	0.27899
9mo_SIGAF3_	0.0691311	0.67664754	0.00012186	0.08293	-0.79386
9mo_SIGAF3_	0.05039229	0.49414077	0.00010525	0.093003	0.032151
9mo_SIGAF3_	0.03891166	0.38232502	9.22E-05	0.10852	0.36311
9mo_SIGAF3_	0.06321557	0.61903316	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.0562996	0.551675	0.00011111	0.094909	-0.19309
9mo_SIGAF3_	0.01220513	0.12221652	6.21E-05	0.017782	0.12723
9mo_SIGAF3_	0.07311065	0.7154064	0.00012469	0.069151	-0.97873
9mo_SIGAF3_	0.06318142	0.6187006	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.07930721	0.7757579	0.00012835	0.05632	-1.1841
9mo_SIGAF3_	0.01681629	0.16712692	6.65E-05	0.024968	0.31771

9mo_SIGAF3_	0.04690852	0.4602105	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.08937253	0.8737892	0.00013288	0.052615	-1.3244
9mo_SIGAF3_	0.0532906	0.5223688	0.00010807	0.092373	-0.07149
9mo_SIGAF3_	0.04707537	0.46183556	0.00010159	0.098799	0.11903
9mo_SIGAF3_	0.044593	0.43765846	9.89E-05	0.10421	0.19178
9mo_SIGAF3_	0.03701665	0.3638685	9.02E-05	0.1042	0.4477
9mo_SIGAF3_	0.04795678	0.47042003	0.00010271	0.09665	0.10061
9mo_SIGAF3_	0.01166679	0.11697332	6.14E-05	0.016833	0.11542
9mo_SIGAF3_	0.05690407	0.55756223	0.00011177	0.095663	-0.20754
9mo_SIGAF3_	0.0168139	0.16710362	6.65E-05	0.024968	0.31771
9mo_SIGAF3_	0.07086631	0.69354767	0.00012308	0.076976	-0.87403
9mo_SIGAF3_	0.05443232	0.53348863	0.00010944	0.093233	-0.11022
9mo_SIGAF3_	0.01518818	0.15126991	6.47E-05	0.021973	0.22576
9mo_SIGAF3_	0.02480488	0.2449319	7.54E-05	0.044969	0.73857
9mo_SIGAF3_	0.01590768	0.15827748	6.54E-05	0.023132	0.26052
9mo_SIGAF3_	0.00674735	0.06906033	5.72E-05	0.011238	0.16213
9mo_SIGAF3_	0.03702278	0.36392832	9.02E-05	0.1042	0.4477
9mo_SIGAF3_	0.0449928	0.44155237	9.93E-05	0.10345	0.18258
9mo_SIGAF3_	0.0510494	0.5005407	0.00010597	0.092472	0.010852
9mo_SIGAF3_	0.05503214	0.53933054	0.00010978	0.093528	-0.13708
9mo_SIGAF3_	0.08966249	0.87661326	0.000133	0.052606	-1.3264
9mo_SIGAF3_	0.0627402	0.6144033	0.00011701	0.098387	-0.47447
9mo_SIGAF3_	0.04801546	0.47099155	0.00010271	0.09665	0.10061
9mo_SIGAF3_	0.04579169	0.44933316	0.00010009	0.1019	0.1553
9mo_SIGAF3_	0.07394365	0.72351944	0.00012513	0.067136	-1.0066
9mo_SIGAF3_	0.04388335	0.43074685	9.82E-05	0.10565	0.21046
9mo_SIGAF3_	0.04440018	0.4357805	9.86E-05	0.10494	0.19178
9mo_SIGAF3_	0.07002933	0.6853959	0.0001226	0.07935	-0.8424
9mo_SIGAF3_	0.01337476	0.13360816	6.30E-05	0.019276	0.15521
9mo_SIGAF3_	0.02459229	0.24286135	7.54E-05	0.044969	0.73857
9mo_SIGAF3_	0.03989868	0.39193812	9.34E-05	0.10962	0.32588
9mo_SIGAF3_	0.08308175	0.81252	0.00013026	0.053541	-1.2598
9mo_SIGAF3_	0.06776631	0.6633552	0.00012084	0.087573	-0.72756
9mo_SIGAF3_	0.05916372	0.5795701	0.00011368	0.097776	-0.31309
9mo_SIGAF3_	0.07459226	0.7298365	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.04784112	0.46929365	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.06792624	0.6649128	0.0001211	0.086439	-0.72756
9mo_SIGAF3_	0.04404621	0.43233302	9.82E-05	0.10565	0.20107
9mo_SIGAF3_	0.04780879	0.4689787	0.00010234	0.09734	0.10061
9mo_SIGAF3_	0.07927849	0.7754782	0.00012835	0.05632	-1.1841
9mo_SIGAF3_	0.07522438	0.7359931	0.00012598	0.063504	-1.0589
9mo_SIGAF3_	0.06165047	0.6037899	0.00011613	0.098894	-0.42501
9mo_SIGAF3_	0.00213713	0.02415907	5.34E-05	0.0073266	0.36099
9mo_SIGAF3_	0.08881041	0.86831445	0.00013275	0.052622	-1.32
9mo_SIGAF3_	0.07715847	0.7548302	0.0001272	0.059217	-1.117
9mo_SIGAF3_	0.07821299	0.7651007	0.00012778	0.057615	-1.1573

9mo_SIGAF3_	0.04010453	0.393943	9.38E-05	0.10975	0.32588
9mo_SIGAF3_	0.03768022	0.37033138	9.10E-05	0.1063	0.41807
9mo_SIGAF3_	0.02496732	0.24651393	7.58E-05	0.046199	0.74769
9mo_SIGAF3_	0.06050041	0.59258884	0.00011492	0.0987	-0.37638
9mo_SIGAF3_	0.03324671	0.3271512	8.57E-05	0.086671	0.61617
9mo_SIGAF3_	0.04304577	0.42258924	9.70E-05	0.10755	0.22964
9mo_SIGAF3_	0.07774457	0.7605385	0.0001274	0.058646	-1.1379
9mo_SIGAF3_	0.03283753	0.32316592	8.52E-05	0.084798	0.6305
9mo_SIGAF3_	0.06931753	0.6784633	0.00012211	0.081739	-0.81017
9mo_SIGAF3_	0.04987838	0.4891355	0.00010453	0.09379	0.042456
9mo_SIGAF3_	0.06719144	0.6577562	0.00012058	0.088682	-0.69393
9mo_SIGAF3_	0.05129219	0.5029053	0.00010597	0.092472	-0.0001745
9mo_SIGAF3_	0.08144024	0.7965326	0.00012942	0.054478	-1.2295
9mo_SIGAF3_	0.0508253	0.49835807	0.00010561	0.092703	0.010852
9mo_SIGAF3_	0.06339715	0.6208016	0.00011758	0.097678	-0.50782
9mo_SIGAF3_	0.0573213	0.5616259	0.00011209	0.096042	-0.22216
9mo_SIGAF3_	0.00720894	0.07355608	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.01692706	0.16820577	6.65E-05	0.024968	0.31771
9mo_SIGAF3_	0.07291024	0.71345454	0.00012446	0.070202	-0.96444
9mo_SIGAF3_	0.06002767	0.5879846	0.00011462	0.098526	-0.3445
9mo_SIGAF3_	0.04749531	0.46592554	0.00010197	0.098057	0.10986
9mo_SIGAF3_	0.07269062	0.7113156	0.00012446	0.070202	-0.9499
9mo_SIGAF3_	0.03920712	0.38520265	9.26E-05	0.10901	0.35035
9mo_SIGAF3_	0.04110276	0.4036652	9.50E-05	0.10955	0.29155
9mo_SIGAF3_	0.03338624	0.32851014	8.57E-05	0.086671	0.60151
9mo_SIGAF3_	0.05954803	0.58331317	0.000114	0.098059	-0.32873
9mo_SIGAF3_	0.01833925	0.18195981	6.80E-05	0.027619	0.42127
9mo_SIGAF3_	0.0671705	0.6575523	0.00012058	0.088682	-0.69393
9mo_SIGAF3_	0.04125507	0.4051487	9.50E-05	0.10955	0.28067
9mo_SIGAF3_	0.00166532	0.01956387	5.31E-05	0.0071026	0.37827
9mo_SIGAF3_	0.05624639	0.55115676	0.00011111	0.094909	-0.17881
9mo_SIGAF3_	0.01807705	0.1794061	6.80E-05	0.027619	0.4001
9mo_SIGAF3_	0.04694555	0.46057117	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.06067916	0.5943298	0.00011523	0.098828	-0.37638
9mo_SIGAF3_	0.03524273	0.34659144	8.81E-05	0.097198	0.52494
9mo_SIGAF3_	0.03601559	0.35411873	8.90E-05	0.10026	0.49376
9mo_SIGAF3_	0.03812415	0.37465504	9.14E-05	0.10717	0.40374
9mo_SIGAF3_	0.05445595	0.53371876	0.00010944	0.093233	-0.11022
9mo_SIGAF3_	0.0784189	0.7671061	0.00012778	0.057615	-1.1573
9mo_SIGAF3_	0.08146369	0.7967609	0.00012942	0.054478	-1.2295
9mo_SIGAF3_	0.07577544	0.7413601	0.0001264	0.06191	-1.0712
9mo_SIGAF3_	0.01504431	0.14986876	6.47E-05	0.021973	0.22576
9mo_SIGAF3_	0.007165	0.07312813	5.75E-05	0.011579	0.15252
9mo_SIGAF3_	0.05379478	0.52727926	0.00010876	0.092731	-0.084185
9mo_SIGAF3_	0.01845804	0.18311681	6.84E-05	0.028322	0.42127
9mo_SIGAF3_	0.03188481	0.31388697	8.40E-05	0.07911	0.67094

9mo_SIGAF3_	0.01005129	0.10123916	5.98E-05	0.014626	0.1081
9mo_SIGAF3_	0.04731646	0.46418366	0.00010197	0.098057	0.11903
9mo_SIGAF3_	0.02076543	0.2055896	7.06E-05	0.032941	0.56707
9mo_SIGAF3_	0.00361992	0.03860077	5.47E-05	0.008551	0.27903
9mo_SIGAF3_	0.0614324	0.60166603	0.00011583	0.09893	-0.42501
9mo_SIGAF3_	0.02026462	0.20071197	7.02E-05	0.032119	0.52662
9mo_SIGAF3_	0.05225157	0.51224923	0.00010703	0.092172	-0.03476
9mo_SIGAF3_	0.00978589	0.09865429	5.95E-05	0.014213	0.1081
9mo_SIGAF3_	0.05078086	0.49792522	0.00010561	0.092703	0.021622
9mo_SIGAF3_	0.0861376	0.84228253	0.00013164	0.052775	-1.2997
9mo_SIGAF3_	0.07134124	0.6981732	0.00012355	0.074645	-0.88959
9mo_SIGAF3_	0.04122962	0.40490088	9.50E-05	0.10955	0.29155
9mo_SIGAF3_	0.04658662	0.45707536	0.00010122	0.099559	0.13721
9mo_SIGAF3_	0.08680904	0.848822	0.00013193	0.052709	-1.3063
9mo_SIGAF3_	0.04920957	0.4826216	0.00010381	0.094798	0.062467
9mo_SIGAF3_	0.03232171	0.31814218	8.44E-05	0.081011	0.65793
9mo_SIGAF3_	0.06751784	0.66093516	0.00012084	0.087573	-0.71078
9mo_SIGAF3_	0.03582588	0.35227105	8.86E-05	0.098764	0.49376
9mo_SIGAF3_	0.04698717	0.46097654	0.00010159	0.098799	0.12814
9mo_SIGAF3_	0.08360539	0.8176201	0.00013042	0.053406	-1.2651
9mo_SIGAF3_	0.05266175	0.5162441	0.00010738	0.092189	-0.046772
9mo_SIGAF3_	0.05565697	0.5454162	0.00011045	0.094186	-0.16472
9mo_SIGAF3_	0.06398805	0.6265567	0.00011787	0.097201	-0.54144
9mo_SIGAF3_	0.04898655	0.48044953	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.07426993	0.7266972	0.00012534	0.066176	-1.0201
9mo_SIGAF3_	0.05128048	0.5027912	0.00010597	0.092472	-0.0001745
9mo_SIGAF3_	0.04974784	0.48786414	0.00010453	0.09379	0.052555
9mo_SIGAF3_	0.05587162	0.54750675	0.00011078	0.094541	-0.16472
9mo_SIGAF3_	0.0746863	0.73075247	0.00012556	0.06525	-1.0333
9mo_SIGAF3_	0.05208586	0.51063526	0.00010703	0.092172	-0.022986
9mo_SIGAF3_	0.04253589	0.41762325	9.66E-05	0.10808	0.24945
9mo_SIGAF3_	0.07360685	0.72023916	0.00012491	0.068128	-0.99278
9mo_SIGAF3_	0.06085907	0.59608203	0.00011523	0.098828	-0.39249
9mo_SIGAF3_	0.01529566	0.15231676	6.51E-05	0.022546	0.24275
9mo_SIGAF3_	0.04992772	0.48961604	0.00010453	0.09379	0.042456
9mo_SIGAF3_	0.05459255	0.5350492	0.00010944	0.093233	-0.12355
9mo_SIGAF3_	0.04953333	0.48577493	0.00010417	0.094268	0.052555
9mo_SIGAF3_	0.01360726	0.13587251	6.34E-05	0.019794	0.16714
9mo_SIGAF3_	0.07559956	0.73964715	0.00012619	0.062687	-1.0712
9mo_SIGAF3_	0.05991232	0.5868612	0.00011431	0.098311	-0.3445
9mo_SIGAF3_	0.03856228	0.37892225	9.18E-05	0.10791	0.37625
9mo_SIGAF3_	0.05117431	0.5017572	0.00010597	0.092472	-0.0001745
9mo_SIGAF3_	0.01531738	0.15252827	6.51E-05	0.022546	0.24275
9mo_SIGAF3_	0.0166695	0.16569725	6.65E-05	0.024968	0.31771
9mo_SIGAF3_	0.0423133	0.41545534	9.62E-05	0.10856	0.24945
9mo_SIGAF3_	0.0842107	0.8235155	0.00013074	0.053178	-1.2751

9mo_SIGAF3_	0.03479184	0.3422	8.73E-05	0.093873	0.54051
9mo_SIGAF3_	0.04272442	0.4194594	9.66E-05	0.10808	0.23945
9mo_SIGAF3_	0.0849064	0.8302913	0.00013105	0.053002	-1.2841
9mo_SIGAF3_	0.05797293	0.5679725	0.00011273	0.096781	-0.25188
9mo_SIGAF3_	0.03410684	0.33552846	8.65E-05	0.090344	0.57137
9mo_SIGAF3_	0.06322264	0.61910206	0.0001173	0.098072	-0.50782
9mo_SIGAF3_	0.07111314	0.69595164	0.00012331	0.075804	-0.88959
9mo_SIGAF3_	0.04910496	0.48160282	0.00010381	0.094798	0.072211
9mo_SIGAF3_	0.04080643	0.4007792	9.46E-05	0.10971	0.3027
9mo_SIGAF3_	0.01013386	0.10204329	6.02E-05	0.015048	0.10718
9mo_SIGAF3_	0.07081747	0.69307196	0.00012308	0.076976	-0.87403
9mo_SIGAF3_	0.07054605	0.69042844	0.00012284	0.078159	-0.8583
9mo_SIGAF3_	0.06218028	0.60895	0.00011642	0.098794	-0.4579
9mo_SIGAF3_	0.08352245	0.8168123	0.00013042	0.053406	-1.2651
9mo_SIGAF3_	0.07024568	0.687503	0.00012284	0.078159	-0.8424
9mo_SIGAF3_	0.02352595	0.23247573	7.42E-05	0.041523	0.70349
9mo_SIGAF3_	0.06364125	0.6231791	0.00011758	0.097678	-0.5246
9mo_SIGAF3_	0.02421108	0.23914862	7.50E-05	0.043782	0.72811
9mo_SIGAF3_	0.07819206	0.76489687	0.00012778	0.057615	-1.1478
9mo_SIGAF3_	0.04940442	0.48451942	0.00010417	0.094268	0.062467
9mo_SIGAF3_	0.01880379	0.18648423	6.87E-05	0.029043	0.44251
9mo_SIGAF3_	0.04430027	0.43480745	9.86E-05	0.10494	0.20107
9mo_SIGAF3_	0.04648062	0.456043	0.00010084	0.10033	0.13721
9mo_SIGAF3_	0.03635132	0.35738853	8.94E-05	0.10166	0.47826
9mo_SIGAF3_	0.04985112	0.48886997	0.00010453	0.09379	0.042456
9mo_SIGAF3_	0.01206239	0.12082627	6.17E-05	0.017303	0.12065
9mo_SIGAF3_	0.03958705	0.38890296	9.30E-05	0.10937	0.33794
9mo_SIGAF3_	0.08674096	0.84815896	0.00013193	0.052709	-1.3031
9mo_SIGAF3_	0.07236721	0.7081657	0.00012424	0.071279	-0.93514
9mo_SIGAF3_	0.04478359	0.4395148	9.89E-05	0.10421	0.18258
9mo_SIGAF3_	0.05398801	0.5291613	0.00010876	0.092731	-0.097097
9mo_SIGAF3_	0.03322053	0.32689625	8.57E-05	0.086671	0.61617
9mo_SIGAF3_	0.08040047	0.7864057	0.00012889	0.055287	-1.2081
9mo_SIGAF3_	0.01347186	0.13455382	6.30E-05	0.019276	0.15521
5mo_SIGAE9_	0.04905926	0.48115772	0.00010381	0.094798	0.072211
5mo_SIGAE9_	0.04983322	0.48869562	0.00010453	0.09379	0.042456
5mo_SIGAE9_	0.03932184	0.38631994	9.30E-05	0.10937	0.35035
5mo_SIGAE9_	0.0554601	0.5434987	0.00011045	0.094186	-0.1508
5mo_SIGAE9_	0.03667074	0.36049953	8.98E-05	0.10298	0.46289
5mo_SIGAE9_	0.0414539	0.4070852	9.54E-05	0.10929	0.28067
5mo_SIGAE9_	0.04939567	0.48443416	0.00010417	0.094268	0.062467
5mo_SIGAE9_	0.03569527	0.35099894	8.86E-05	0.098764	0.50933
5mo_SIGAE9_	0.07020252	0.6870827	0.0001226	0.07935	-0.8424
5mo_SIGAE9_	0.05030398	0.49328062	0.0001049	0.093366	0.032151
5mo_SIGAE9_	0.08973234	0.8772936	0.000133	0.052606	-1.3264
5mo_SIGAE9_	0.03522228	0.34639227	8.81E-05	0.097198	0.52494

5mo_SIGAE9_	0.00414093	0.04367511	5.50E-05	0.0088178	0.2638
5mo_SIGAE9_	0.03357064	0.3303061	8.61E-05	0.088522	0.60151
5mo_SIGAE9_	0.05370146	0.52637047	0.00010842	0.092532	-0.084185
5mo_SIGAE9_	0.06483657	0.63482094	0.00011871	0.095287	-0.57526
5mo_SIGAE9_	0.00368152	0.03920073	5.47E-05	0.008551	0.27903
5mo_SIGAE9_	0.06884729	0.6738834	0.00012161	0.084113	-0.77743
5mo_SIGAE9_	0.02653616	0.26179367	7.74E-05	0.051562	0.77158
5mo_SIGAE9_	0.06475815	0.63405716	0.00011871	0.095287	-0.57526
5mo_SIGAE9_	0.06654086	0.6514199	0.00012006	0.090801	-0.66011
5mo_SIGAE9_	0.0417689	0.41015312	9.58E-05	0.10896	0.27003
5mo_SIGAE9_	0.06030582	0.59069365	0.00011492	0.0987	-0.36038
5mo_SIGAE9_	0.07146527	0.69938123	0.00012355	0.074645	-0.90497
5mo_SIGAE9_	0.03195473	0.31456795	8.40E-05	0.07911	0.67094
5mo_SIGAE9_	0.0331952	0.32664952	8.57E-05	0.086671	0.61617
5mo_SIGAE9_	0.08543387	0.83542854	0.00013135	0.05287	-1.2923
5mo_SIGAE9_	0.06377727	0.62450385	0.00011787	0.097201	-0.5246
5mo_SIGAE9_	0.06001471	0.5878584	0.00011462	0.098526	-0.3445
5mo_SIGAE9_	0.06170426	0.60431373	0.00011613	0.098894	-0.42501
5mo_SIGAE9_	0.0549525	0.53855497	0.00010978	0.093528	-0.13708
5mo_SIGAE9_	0.04298998	0.4220459	9.70E-05	0.10755	0.22964
5mo_SIGAE9_	0.06979851	0.68314785	0.00012235	0.080544	-0.82636
5mo_SIGAE9_	0.07998578	0.78236675	0.00012871	0.055605	-1.2004
5mo_SIGAE9_	0.05943299	0.5821927	0.000114	0.098059	-0.32873
5mo_SIGAE9_	0.04494844	0.44112036	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.03335708	0.32822618	8.57E-05	0.086671	0.61617
5mo_SIGAE9_	0.03407532	0.33522144	8.65E-05	0.090344	0.57137
5mo_SIGAE9_	0.07911769	0.773912	0.00012816	0.056721	-1.1755
5mo_SIGAE9_	0.09011708	0.88104075	0.00013313	0.052597	-1.3283
5mo_SIGAE9_	0.04504215	0.44203296	9.93E-05	0.10345	0.17344
5mo_SIGAE9_	0.04708608	0.46193984	0.00010159	0.098799	0.11903
5mo_SIGAE9_	0.0798763	0.7813006	0.00012871	0.055605	-1.1924
5mo_SIGAE9_	0.02932661	0.28897136	8.07E-05	0.064343	0.7438
5mo_SIGAE9_	0.04346455	0.426668	9.78E-05	0.10633	0.21998
5mo_SIGAE9_	0.04469437	0.43864578	9.89E-05	0.10421	0.18258
5mo_SIGAE9_	0.05678871	0.55643874	0.00011144	0.095284	-0.20754
5mo_SIGAE9_	0.00995041	0.10025667	5.98E-05	0.014626	0.1081
5mo_SIGAE9_	0.07447252	0.7286704	0.00012556	0.06525	-1.0333
5mo_SIGAE9_	0.00917412	0.09269589	5.92E-05	0.013809	0.11326
5mo_SIGAE9_	0.05842459	0.5723713	0.00011305	0.097132	-0.2822
5mo_SIGAE9_	0.04881996	0.47882706	0.00010344	0.095375	0.072211
5mo_SIGAE9_	0.07786931	0.76175344	0.00012759	0.058113	-1.1478
5mo_SIGAE9_	0.04493152	0.4409555	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.08522917	0.8334348	0.0001312	0.05293	-1.2883
5mo_SIGAE9_	0.09771788	0.9550688	0.00013565	0.052193	-1.3445
5mo_SIGAE9_	0.01882565	0.18669707	6.87E-05	0.029043	0.44251
5mo_SIGAE9_	0.09221169	0.9014412	0.00013397	0.05251	-1.3372

5mo_SIGAE9_	0.02401368	0.237226	7.46E-05	0.042633	0.71639
5mo_SIGAE9_	0.0263288	0.25977415	7.74E-05	0.051562	0.76965
5mo_SIGAE9_	0.06376593	0.6243934	0.00011787	0.097201	-0.5246
5mo_SIGAE9_	0.05255508	0.51520526	0.00010738	0.092189	-0.046772
5mo_SIGAE9_	0.05609459	0.5496783	0.00011078	0.094541	-0.17881
5mo_SIGAE9_	0.00579942	0.05982804	5.63E-05	0.010269	0.19547
5mo_SIGAE9_	0.04818649	0.47265732	0.00010271	0.09665	0.091263
5mo_SIGAE9_	0.06763431	0.6620695	0.00012084	0.087573	-0.72756
5mo_SIGAE9_	0.00991333	0.09989543	5.98E-05	0.014626	0.1081
5mo_SIGAE9_	0.07328666	0.71712065	0.00012469	0.069151	-0.97873
5mo_SIGAE9_	0.05718392	0.5602879	0.00011209	0.096042	-0.22216
5mo_SIGAE9_	0.07528307	0.73656476	0.00012598	0.063504	-1.0589
5mo_SIGAE9_	0.07270948	0.7114992	0.00012446	0.070202	-0.9499
5mo_SIGAE9_	0.07454362	0.72936285	0.00012556	0.06525	-1.0333
5mo_SIGAE9_	0.06963043	0.68151075	0.00012235	0.080544	-0.81017
5mo_SIGAE9_	0.00873733	0.0884418	5.86E-05	0.013029	0.11742
5mo_SIGAE9_	0.05168108	0.50669295	0.00010668	0.092211	-0.011455
5mo_SIGAE9_	0.05402958	0.52956617	0.00010876	0.092731	-0.097097
5mo_SIGAE9_	0.0420318	0.41271362	9.58E-05	0.10896	0.25963
5mo_SIGAE9_	0.05650313	0.5536573	0.00011144	0.095284	-0.19309
5mo_SIGAE9_	0.0496606	0.48701447	0.00010453	0.09379	0.052555
5mo_SIGAE9_	0.08459014	0.8272111	0.00013089	0.053084	-1.2797
5mo_SIGAE9_	0.04738391	0.46484062	0.00010197	0.098057	0.11903
5mo_SIGAE9_	0.04369073	0.4288708	9.78E-05	0.10633	0.21046
5mo_SIGAE9_	0.03830408	0.3764075	9.18E-05	0.10791	0.38979
5mo_SIGAE9_	0.07934487	0.77612466	0.00012835	0.05632	-1.1841
5mo_SIGAE9_	0.04255441	0.41780362	9.66E-05	0.10808	0.24945
5mo_SIGAE9_	0.04638298	0.455092	0.00010084	0.10033	0.13721
5mo_SIGAE9_	0.06432911	0.6298785	0.00011815	0.096641	-0.55833
5mo_SIGAE9_	0.05373273	0.526675	0.00010842	0.092532	-0.084185
5mo_SIGAE9_	0.04530411	0.4445843	9.97E-05	0.10268	0.17344
5mo_SIGAE9_	0.05796829	0.56792724	0.00011273	0.096781	-0.25188
5mo_SIGAE9_	0.01588873	0.15809298	6.54E-05	0.023132	0.26052
5mo_SIGAE9_	0.06477533	0.6342244	0.00011871	0.095287	-0.57526
5mo_SIGAE9_	0.05654814	0.5540956	0.00011144	0.095284	-0.19309
5mo_SIGAE9_	0.04713276	0.46239454	0.00010159	0.098799	0.11903
5mo_SIGAE9_	0.05111922	0.50122064	0.00010597	0.092472	0.010852
5mo_SIGAE9_	0.01217988	0.12197059	6.17E-05	0.017303	0.12723
5mo_SIGAE9_	0.05347821	0.5241961	0.00010842	0.092532	-0.07149
5mo_SIGAE9_	0.02249298	0.22241515	7.30E-05	0.038397	0.65846
5mo_SIGAE9_	0.04724774	0.46351436	0.00010197	0.098057	0.11903
5mo_SIGAE9_	0.02255838	0.22305208	7.30E-05	0.038397	0.65846
5mo_SIGAE9_	0.03617571	0.35567823	8.90E-05	0.10026	0.47826
5mo_SIGAE9_	0.05848611	0.5729705	0.00011305	0.097132	-0.2822
5mo_SIGAE9_	0.0640818	0.6274698	0.00011815	0.096641	-0.54144
5mo_SIGAE9_	0.0613694	0.6010524	0.00011583	0.09893	-0.4087

5mo_SIGAE9_	0.06139444	0.60129625	0.00011583	0.09893	-0.4087
5mo_SIGAE9_	0.0760973	0.744495	0.0001266	0.061174	-1.0832
5mo_SIGAE9_	0.05102558	0.50030863	0.00010597	0.092472	0.010852
5mo_SIGAE9_	0.04484503	0.4401131	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.05964877	0.5842943	0.00011431	0.098311	-0.32873
5mo_SIGAE9_	0.04694908	0.46060556	0.00010159	0.098799	0.12814
5mo_SIGAE9_	0.05193437	0.50915974	0.00010668	0.092211	-0.022986
5mo_SIGAE9_	0.06099394	0.59739566	0.00011553	0.098907	-0.39249
5mo_SIGAE9_	0.04297263	0.4218769	9.70E-05	0.10755	0.22964
5mo_SIGAE9_	0.05889609	0.57696354	0.00011368	0.097776	-0.29758
5mo_SIGAE9_	0.04407982	0.43266037	9.82E-05	0.10565	0.20107
5mo_SIGAE9_	0.05106899	0.50073147	0.00010597	0.092472	0.010852
5mo_SIGAE9_	0.05101994	0.5002538	0.00010597	0.092472	0.010852
5mo_SIGAE9_	0.0657766	0.6439764	0.00011953	0.092756	-0.62617
5mo_SIGAE9_	0.04579665	0.44938144	0.00010009	0.1019	0.1553
5mo_SIGAE9_	0.07209922	0.70555556	0.00012401	0.07238	-0.93514
5mo_SIGAE9_	0.06192605	0.60647386	0.00011613	0.098894	-0.44141
5mo_SIGAE9_	0.06808948	0.66650265	0.0001211	0.086439	-0.74427
5mo_SIGAE9_	0.0778167	0.7612411	0.00012759	0.058113	-1.1379
5mo_SIGAE9_	0.09935469	0.97101057	0.00013604	0.052097	-1.3437
5mo_SIGAE9_	0.06630111	0.6490848	0.00011979	0.091802	-0.66011
5mo_SIGAE9_	0.07824791	0.7654408	0.00012778	0.057615	-1.1573
5mo_SIGAE9_	0.02653932	0.26182452	7.74E-05	0.051562	0.77158
5mo_SIGAE9_	0.00265455	0.02919854	5.39E-05	0.007795	0.3272
5mo_SIGAE9_	0.00338563	0.03631892	5.44E-05	0.0082917	0.2947
5mo_SIGAE9_	0.05055257	0.4957018	0.00010525	0.093003	0.021622
5mo_SIGAE9_	0.04781826	0.4690709	0.00010234	0.09734	0.10061
5mo_SIGAE9_	0.05673872	0.55595183	0.00011144	0.095284	-0.20754
5mo_SIGAE9_	0.0375108	0.36868134	9.06E-05	0.10531	0.41807
5mo_SIGAE9_	0.05305341	0.5200587	0.00010773	0.092257	-0.059017
5mo_SIGAE9_	0.02683082	0.2646636	7.78E-05	0.053015	0.77158
5mo_SIGAE9_	0.07566	0.7402358	0.00012619	0.062687	-1.0712
5mo_SIGAE9_	0.02759822	0.2721376	7.86E-05	0.05605	0.76966
5mo_SIGAE9_	0.03701723	0.3638742	9.02E-05	0.1042	0.4477
5mo_SIGAE9_	0.06248061	0.611875	0.00011672	0.098627	-0.47447
5mo_SIGAE9_	0.05325436	0.5220158	0.00010807	0.092373	-0.07149
5mo_SIGAE9_	0.05150902	0.5050171	0.00010632	0.092309	-0.011455
5mo_SIGAE9_	0.07168154	0.70148766	0.00012378	0.073503	-0.90497
5mo_SIGAE9_	0.04852039	0.47590938	0.00010308	0.095994	0.081803
5mo_SIGAE9_	0.0637914	0.6246415	0.00011787	0.097201	-0.5246
5mo_SIGAE9_	0.06398145	0.6264925	0.00011787	0.097201	-0.54144
5mo_SIGAE9_	0.05681833	0.55672723	0.00011144	0.095284	-0.20754
5mo_SIGAE9_	0.07259305	0.71036524	0.00012424	0.071279	-0.9499
5mo_SIGAE9_	0.01284536	0.12845205	6.24E-05	0.018271	0.14454
5mo_SIGAE9_	0.042514	0.41741005	9.66E-05	0.10808	0.24945
5mo_SIGAE9_	0.06326071	0.61947286	0.0001173	0.098072	-0.50782

5mo_SIGAE9_	0.07305651	0.71487916	0.00012469	0.069151	-0.96444
5mo_SIGAE9_	0.05236938	0.5133966	0.00010738	0.092189	-0.03476
5mo_SIGAE9_	0.0781431	0.76442	0.00012778	0.057615	-1.1478
5mo_SIGAE9_	0.07005174	0.6856141	0.0001226	0.07935	-0.8424
5mo_SIGAE9_	0.06208661	0.6080377	0.00011642	0.098794	-0.44141
5mo_SIGAE9_	0.06407649	0.62741816	0.00011815	0.096641	-0.54144
5mo_SIGAE9_	0.03839091	0.37725317	9.18E-05	0.10791	0.38979
5mo_SIGAE9_	0.04755272	0.46648473	0.00010197	0.098057	0.10986
5mo_SIGAE9_	0.06276981	0.6146917	0.00011701	0.098387	-0.47447
5mo_SIGAE9_	0.0770581	0.75385267	0.000127	0.059827	-1.117
5mo_SIGAE9_	0.0449211	0.44085407	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.00524091	0.05438836	5.58E-05	0.0096645	0.22108
5mo_SIGAE9_	0.0666016	0.65201145	0.00012006	0.090801	-0.67704
5mo_SIGAE9_	0.05000254	0.4903448	0.0001049	0.093366	0.042456
5mo_SIGAE9_	0.05120584	0.5020643	0.00010597	0.092472	-0.0001745
5mo_SIGAE9_	0.05443122	0.53347784	0.00010944	0.093233	-0.11022
5mo_SIGAE9_	0.07462338	0.73013973	0.00012556	0.06525	-1.0333
5mo_SIGAE9_	0.04550552	0.44654596	0.00010009	0.1019	0.16436
5mo_SIGAE9_	0.0910369	0.88999933	0.0001335	0.052565	-1.3333
5mo_SIGAE9_	0.04338552	0.4258982	9.74E-05	0.10696	0.21998
5mo_SIGAE9_	0.02961392	0.29176956	8.11E-05	0.066108	0.7357
5mo_SIGAE9_	0.04705972	0.46168315	0.00010159	0.098799	0.11903
5mo_SIGAE9_	0.03072139	0.3025558	8.23E-05	0.07157	0.70647
5mo_SIGAE9_	0.05966668	0.5844687	0.00011431	0.098311	-0.32873
5mo_SIGAE9_	0.02203966	0.218	7.22E-05	0.03647	0.62396
5mo_SIGAE9_	0.04879353	0.47856954	0.00010344	0.095375	0.072211
5mo_SIGAE9_	0.03689869	0.36271966	8.98E-05	0.10298	0.4477
5mo_SIGAE9_	0.0583202	0.5713547	0.00011305	0.097132	-0.26697
5mo_SIGAE9_	0.05385196	0.52783614	0.00010876	0.092731	-0.084185
5mo_SIGAE9_	0.04386328	0.43055135	9.82E-05	0.10565	0.21046
5mo_SIGAE9_	0.04765169	0.46744868	0.00010234	0.09734	0.10986
5mo_SIGAE9_	0.05180829	0.5079319	0.00010668	0.092211	-0.011455
5mo_SIGAE9_	0.00984034	0.0991846	5.98E-05	0.014626	0.1081
5mo_SIGAE9_	0.0749223	0.733051	0.00012577	0.064358	-1.0462
5mo_SIGAE9_	0.01021825	0.10286521	6.02E-05	0.015048	0.10718
5mo_SIGAE9_	0.04535231	0.44505382	9.97E-05	0.10268	0.16436
5mo_SIGAE9_	0.04960819	0.48650396	0.00010417	0.094268	0.052555
5mo_SIGAE9_	0.05471079	0.5362008	0.00010944	0.093233	-0.12355
5mo_SIGAE9_	0.0553573	0.5424975	0.00011011	0.093847	-0.1508
5mo_SIGAE9_	0.05630703	0.5517474	0.00011111	0.094909	-0.19309
5mo_SIGAE9_	0.07734231	0.7566207	0.0001272	0.059217	-1.1276
5mo_SIGAE9_	0.03273379	0.32215565	8.48E-05	0.082909	0.6305
5mo_SIGAE9_	0.07223736	0.70690095	0.00012401	0.07238	-0.93514
5mo_SIGAE9_	0.0271211	0.26749068	7.82E-05	0.054511	0.77219
5mo_SIGAE9_	0.04611154	0.45244837	0.00010046	0.10111	0.14626
5mo_SIGAE9_	0.06071528	0.5946816	0.00011523	0.098828	-0.37638

5mo_SIGAE9_	0.07929354	0.77562475	0.00012835	0.05632	-1.1841
5mo_SIGAE9_	0.07805263	0.7635389	0.00012759	0.058113	-1.1478
5mo_SIGAE9_	0.04494197	0.44105732	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.08002162	0.78271586	0.00012871	0.055605	-1.2004
5mo_SIGAE9_	0.00934162	0.09432727	5.92E-05	0.013809	0.11326
5mo_SIGAE9_	0.00336732	0.03614055	5.44E-05	0.0082917	0.2947
5mo_SIGAE9_	0.06707671	0.6566388	0.00012032	0.089759	-0.69393
5mo_SIGAE9_	0.06550233	0.6413051	0.00011925	0.093659	-0.60919
5mo_SIGAE9_	0.00371452	0.0395221	5.47E-05	0.008551	0.27903
5mo_SIGAE9_	0.07582529	0.74184567	0.0001264	0.06191	-1.0832
5mo_SIGAE9_	0.05206269	0.51040965	0.00010703	0.092172	-0.022986
5mo_SIGAE9_	0.05375066	0.5268496	0.00010876	0.092731	-0.084185
5mo_SIGAE9_	0.05496102	0.5386379	0.00010978	0.093528	-0.13708
5mo_SIGAE9_	0.09867422	0.96438307	0.00013585	0.052145	-1.3442
5mo_SIGAE9_	0.0055859	0.05774847	5.61E-05	0.0099627	0.20797
5mo_SIGAE9_	0.04659205	0.45712823	0.00010122	0.099559	0.13721
5mo_SIGAE9_	0.06333727	0.6202185	0.0001173	0.098072	-0.50782
5mo_SIGAE9_	0.06177614	0.60501385	0.00011613	0.098894	-0.44141
5mo_SIGAE9_	0.06272183	0.61422443	0.00011701	0.098387	-0.47447
5mo_SIGAE9_	0.04740563	0.4650522	0.00010197	0.098057	0.10986
5mo_SIGAE9_	0.05059989	0.49616265	0.00010525	0.093003	0.021622
5mo_SIGAE9_	0.01360998	0.13589904	6.34E-05	0.019794	0.16714
5mo_SIGAE9_	0.06347045	0.6215156	0.00011758	0.097678	-0.50782
5mo_SIGAE9_	0.06267529	0.61377114	0.00011701	0.098387	-0.47447
5mo_SIGAE9_	0.07032377	0.6882636	0.00012284	0.078159	-0.8424
5mo_SIGAE9_	0.06194823	0.60668993	0.00011613	0.098894	-0.44141
5mo_SIGAE9_	0.04835862	0.47433376	0.00010308	0.095994	0.091263
5mo_SIGAE9_	0.05629972	0.5516762	0.00011111	0.094909	-0.19309
5mo_SIGAE9_	0.0520882	0.510658	0.00010703	0.092172	-0.022986
5mo_SIGAE9_	0.05652123	0.5538336	0.00011144	0.095284	-0.19309
5mo_SIGAE9_	0.04554739	0.44695374	0.00010009	0.1019	0.16436
5mo_SIGAE9_	0.01879931	0.18644056	6.87E-05	0.029043	0.44251
5mo_SIGAE9_	0.0684358	0.6698757	0.00012136	0.085284	-0.7609
5mo_SIGAE9_	0.0366558	0.36035407	8.98E-05	0.10298	0.46289
5mo_SIGAE9_	0.02889566	0.28477404	8.03E-05	0.062611	0.75723
5mo_SIGAE9_	0.07891145	0.77190334	0.00012816	0.056721	-1.1755
5mo_SIGAE9_	0.05497446	0.53876877	0.00010978	0.093528	-0.13708
5mo_SIGAE9_	0.07547775	0.7384608	0.00012619	0.062687	-1.0712
5mo_SIGAE9_	0.0488156	0.4787846	0.00010344	0.095375	0.072211
5mo_SIGAE9_	0.06081244	0.59562784	0.00011523	0.098828	-0.39249
5mo_SIGAE9_	0.03340276	0.328671	8.57E-05	0.086671	0.60151
5mo_SIGAE9_	0.03158832	0.3109993	8.36E-05	0.07721	0.6834
5mo_SIGAE9_	0.07614571	0.7449664	0.0001266	0.061174	-1.0832
5mo_SIGAE9_	0.04517748	0.44335106	9.97E-05	0.10268	0.17344
5mo_SIGAE9_	0.06515107	0.63788396	0.00011898	0.094504	-0.59222
5mo_SIGAE9_	0.07794969	0.7625363	0.00012759	0.058113	-1.1478

5mo_SIGAE9_	0.05425458	0.53175753	0.0001091	0.092966	-0.11022
5mo_SIGAE9_	0.06392551	0.62594765	0.00011787	0.097201	-0.54144
5mo_SIGAE9_	0.06341904	0.62101495	0.00011758	0.097678	-0.50782
5mo_SIGAE9_	0.02391529	0.23626775	7.46E-05	0.042633	0.71639
5mo_SIGAE9_	0.0769864	0.75315434	0.000127	0.059827	-1.117
5mo_SIGAE9_	0.08578739	0.8388716	0.0001315	0.052818	-1.2961
5mo_SIGAE9_	0.08696762	0.8503665	0.00013193	0.052709	-1.3063
5mo_SIGAE9_	0.04776351	0.46853772	0.00010234	0.09734	0.10061
5mo_SIGAE9_	0.04697784	0.46088567	0.00010159	0.098799	0.12814
5mo_SIGAE9_	0.07312685	0.71556413	0.00012469	0.069151	-0.97873
5mo_SIGAE9_	0.06115909	0.5990041	0.00011553	0.098907	-0.4087
5mo_SIGAE9_	0.07143147	0.69905204	0.00012355	0.074645	-0.90497
5mo_SIGAE9_	0.0434561	0.42658567	9.78E-05	0.10633	0.21998
5mo_SIGAE9_	0.0521923	0.51167196	0.00010703	0.092172	-0.03476
5mo_SIGAE9_	0.03449847	0.3393427	8.69E-05	0.09213	0.55601
5mo_SIGAE9_	0.05663478	0.55493957	0.00011144	0.095284	-0.19309
5mo_SIGAE9_	0.05800488	0.5682836	0.00011273	0.096781	-0.25188
5mo_SIGAE9_	0.02250961	0.22257708	7.30E-05	0.038397	0.65846
5mo_SIGAE9_	0.02239202	0.22143179	7.26E-05	0.037419	0.64161
5mo_SIGAE9_	0.05791678	0.56742555	0.00011273	0.096781	-0.25188
5mo_SIGAE9_	0.06240962	0.6111836	0.00011672	0.098627	-0.4579
5mo_SIGAE9_	0.06784538	0.66412526	0.0001211	0.086439	-0.72756
5mo_SIGAE9_	0.02774918	0.27360794	7.90E-05	0.057632	0.76966
5mo_SIGAE9_	0.05598295	0.548591	0.00011078	0.094541	-0.17881
5mo_SIGAE9_	0.05385397	0.52785575	0.00010876	0.092731	-0.084185
5mo_SIGAE9_	0.01375199	0.1372822	6.34E-05	0.019794	0.16714
5mo_SIGAE9_	0.04984499	0.48881033	0.00010453	0.09379	0.042456
5mo_SIGAE9_	0.08540689	0.83516574	0.00013135	0.05287	-1.2923
5mo_SIGAE9_	0.05996247	0.5873496	0.00011462	0.098526	-0.3445
5mo_SIGAE9_	0.07176584	0.70230865	0.00012378	0.073503	-0.92016
5mo_SIGAE9_	0.08852178	0.86550325	0.00013261	0.052631	-1.32
5mo_SIGAE9_	0.07227211	0.7072395	0.00012401	0.07238	-0.93514
5mo_SIGAE9_	0.05269858	0.5166028	0.00010738	0.092189	-0.046772
5mo_SIGAE9_	0.07532779	0.7370003	0.00012598	0.063504	-1.0589
5mo_SIGAE9_	0.00424822	0.04472013	5.50E-05	0.0088178	0.2638
5mo_SIGAE9_	0.06106241	0.5980625	0.00011553	0.098907	-0.39249
5mo_SIGAE9_	0.05076636	0.49778405	0.00010561	0.092703	0.021622
5mo_SIGAE9_	0.04912696	0.4818171	0.00010381	0.094798	0.062467
5mo_SIGAE9_	0.0414662	0.40720496	9.54E-05	0.10929	0.28067
5mo_SIGAE9_	0.0481596	0.47239548	0.00010271	0.09665	0.091263
5mo_SIGAE9_	0.05008159	0.49111468	0.0001049	0.093366	0.042456
5mo_SIGAE9_	0.07460173	0.72992873	0.00012556	0.06525	-1.0333
5mo_SIGAE9_	0.06345785	0.6213929	0.00011758	0.097678	-0.50782
5mo_SIGAE9_	0.03193931	0.31441772	8.40E-05	0.07911	0.67094
5mo_SIGAE9_	0.0406264	0.39902574	9.42E-05	0.10978	0.3027
5mo_SIGAE9_	0.08020558	0.7845076	0.00012889	0.055287	-1.2004

5mo_SIGAE9_	0.05143093	0.50425655	0.00010632	0.092309	-0.0001745
5mo_SIGAE9_	0.05343461	0.5237714	0.00010842	0.092532	-0.07149
5mo_SIGAE9_	0.05215335	0.5112926	0.00010703	0.092172	-0.022986
5mo_SIGAE9_	0.02220135	0.21957476	7.26E-05	0.037419	0.64161
5mo_SIGAE9_	0.05457451	0.5348735	0.00010944	0.093233	-0.11022
5mo_SIGAE9_	0.00491331	0.05119772	5.55E-05	0.0093744	0.23478
5mo_SIGAE9_	0.07515907	0.73535705	0.00012598	0.063504	-1.0589
5mo_SIGAE9_	0.03220872	0.3170417	8.44E-05	0.081011	0.65793
5mo_SIGAE9_	0.06974188	0.6825962	0.00012235	0.080544	-0.82636
5mo_SIGAE9_	0.04600668	0.45142707	0.00010046	0.10111	0.1553
5mo_SIGAE9_	0.03479183	0.34219992	8.73E-05	0.093873	0.54051
5mo_SIGAE9_	0.01202596	0.12047146	6.17E-05	0.017303	0.12065
5mo_SIGAE9_	0.05213672	0.51113063	0.00010703	0.092172	-0.022986
5mo_SIGAE9_	0.05806857	0.5689039	0.00011273	0.096781	-0.26697
5mo_SIGAE9_	0.07732759	0.7564773	0.0001272	0.059217	-1.1276
5mo_SIGAE9_	0.04888815	0.4794911	0.00010344	0.095375	0.072211
5mo_SIGAE9_	0.04157749	0.4082889	9.54E-05	0.10929	0.28067
5mo_SIGAE9_	0.05778925	0.56618345	0.00011241	0.096416	-0.25188
5mo_SIGAE9_	0.05930847	0.5809799	0.000114	0.098059	-0.31309
5mo_SIGAE9_	0.0127948	0.1279596	6.24E-05	0.018271	0.13519
5mo_SIGAE9_	0.03943516	0.3874237	9.30E-05	0.10937	0.35035
5mo_SIGAE9_	0.07774671	0.7605594	0.0001274	0.058646	-1.1379
5mo_SIGAE9_	0.07172483	0.7019092	0.00012378	0.073503	-0.92016
5mo_SIGAE9_	0.05926822	0.5805879	0.000114	0.098059	-0.31309
5mo_SIGAE9_	0.04086176	0.40131804	9.46E-05	0.10971	0.3027
5mo_SIGAE9_	0.01813783	0.1799981	6.80E-05	0.027619	0.4001
5mo_SIGAE9_	0.07465275	0.7304258	0.00012556	0.06525	-1.0333
5mo_SIGAE9_	0.05668261	0.5554053	0.00011144	0.095284	-0.20754
5mo_SIGAE9_	0.06669758	0.65294623	0.00012006	0.090801	-0.67704
5mo_SIGAE9_	0.04915105	0.4820517	0.00010381	0.094798	0.062467
5mo_SIGAE9_	0.06560133	0.6422694	0.00011925	0.093659	-0.62617
5mo_SIGAE9_	0.06971074	0.68229294	0.00012235	0.080544	-0.82636
5mo_SIGAE9_	0.059047	0.57843333	0.00011368	0.097776	-0.31309
5mo_SIGAE9_	0.07476622	0.73153085	0.00012577	0.064358	-1.0333
5mo_SIGAE9_	0.06721993	0.65803367	0.00012058	0.088682	-0.69393
5mo_SIGAE9_	0.02251658	0.222645	7.30E-05	0.038397	0.65846
5mo_SIGAE9_	0.08254717	0.80731356	0.00012993	0.053861	-1.2485
5mo_SIGAE9_	0.06291547	0.6161104	0.00011701	0.098387	-0.49111
5mo_SIGAE9_	0.03036328	0.29906797	8.19E-05	0.069725	0.71698
5mo_SIGAE9_	0.01052778	0.10587996	6.05E-05	0.01548	0.10741
5mo_SIGAE9_	0.05722696	0.56070703	0.00011209	0.096042	-0.22216
5mo_SIGAE9_	0.02718637	0.2681265	7.82E-05	0.054511	0.77219
5mo_SIGAE9_	0.04871737	0.47782782	0.00010344	0.095375	0.081803
5mo_SIGAE9_	0.05004781	0.4907857	0.0001049	0.093366	0.042456
5mo_SIGAE9_	0.07826362	0.7655938	0.00012778	0.057615	-1.1573
5mo_SIGAE9_	0.0583084	0.57123977	0.00011305	0.097132	-0.26697

5mo_SIGAE9_	0.03728267	0.36645946	9.06E-05	0.10531	0.43275
5mo_SIGAE9_	0.0434314	0.4263451	9.74E-05	0.10696	0.21998
5mo_SIGAE9_	0.03571051	0.35114738	8.86E-05	0.098764	0.50933
5mo_SIGAE9_	0.06510121	0.63739836	0.00011898	0.094504	-0.59222
5mo_SIGAE9_	0.06045089	0.5921065	0.00011492	0.0987	-0.37638
5mo_SIGAE9_	0.04317143	0.42381307	9.74E-05	0.10696	0.22964
5mo_SIGAE9_	0.03097965	0.30507115	8.28E-05	0.073435	0.69526
5mo_SIGAE9_	0.0207646	0.20558152	7.06E-05	0.032941	0.56707
5mo_SIGAE9_	0.06779182	0.6636036	0.00012084	0.087573	-0.72756
5mo_SIGAE9_	0.0775623	0.75876325	0.0001274	0.058646	-1.1379
5mo_SIGAE9_	0.06215789	0.60873187	0.00011642	0.098794	-0.4579
5mo_SIGAE9_	0.0381639	0.37504226	9.14E-05	0.10717	0.38979
5mo_SIGAE9_	0.06392319	0.62592506	0.00011787	0.097201	-0.54144
5mo_SIGAE9_	0.03716245	0.3652886	9.02E-05	0.1042	0.43275
5mo_SIGAE9_	0.05209668	0.5107406	0.00010703	0.092172	-0.022986
5mo_SIGAE9_	0.05508698	0.53986466	0.00010978	0.093528	-0.13708
5mo_SIGAE9_	0.08169703	0.7990336	0.00012959	0.054253	-1.2361
5mo_SIGAE9_	0.0870882	0.85154086	0.00013207	0.052686	-1.3063
5mo_SIGAE9_	0.06046985	0.5922912	0.00011492	0.0987	-0.37638
5mo_SIGAE9_	0.04240562	0.41635448	9.62E-05	0.10856	0.24945
5mo_SIGAE9_	0.0799026	0.78155667	0.00012871	0.055605	-1.1924
5mo_SIGAE9_	0.03258098	0.3206673	8.48E-05	0.082909	0.64444
5mo_SIGAE9_	0.03482401	0.3425133	8.73E-05	0.093873	0.54051
5mo_SIGAE9_	0.0619789	0.6069886	0.00011613	0.098894	-0.44141
5mo_SIGAE9_	0.06721164	0.6579529	0.00012058	0.088682	-0.69393
5mo_SIGAE9_	0.06497996	0.6362174	0.00011871	0.095287	-0.59222
5mo_SIGAE9_	0.04752702	0.46623442	0.00010197	0.098057	0.10986
5mo_SIGAE9_	0.0356187	0.35025325	8.86E-05	0.098764	0.50933
5mo_SIGAE9_	0.05104225	0.500471	0.00010597	0.092472	0.010852
5mo_SIGAE9_	0.08297596	0.8114897	0.00013026	0.053541	-1.2543
5mo_SIGAE9_	0.04873471	0.47799668	0.00010344	0.095375	0.081803
5mo_SIGAE9_	0.04032783	0.39611787	9.38E-05	0.10975	0.31414
5mo_SIGAE9_	0.07763113	0.7594337	0.0001274	0.058646	-1.1379
5mo_SIGAE9_	0.05089889	0.4990748	0.00010561	0.092703	0.010852
5mo_SIGAE9_	0.0775072	0.75822663	0.0001274	0.058646	-1.1276
5mo_SIGAE9_	0.05446819	0.533838	0.00010944	0.093233	-0.11022
5mo_SIGAE9_	0.04754695	0.46642855	0.00010197	0.098057	0.10986
5mo_SIGAE9_	0.03157739	0.31089285	8.36E-05	0.07721	0.6834
5mo_SIGAE9_	0.07101554	0.6950011	0.00012331	0.075804	-0.88959
5mo_SIGAE9_	0.08121998	0.79438734	0.00012942	0.054478	-1.2227
5mo_SIGAE9_	0.06678515	0.6537991	0.00012006	0.090801	-0.67704
5mo_SIGAE9_	0.04113177	0.40394783	9.50E-05	0.10955	0.29155
5mo_SIGAE9_	0.05856741	0.57376236	0.00011337	0.097465	-0.2822
5mo_SIGAE9_	0.06760999	0.6618327	0.00012084	0.087573	-0.72756
5mo_SIGAE9_	0.05418367	0.53106683	0.0001091	0.092966	-0.097097
5mo_SIGAE9_	0.01390794	0.13880105	6.37E-05	0.020323	0.18023

5mo_SIGAE9_	0.0104527	0.10514867	6.02E-05	0.015048	0.10741
5mo_SIGAE9_	0.05603334	0.5490818	0.00011078	0.094541	-0.17881
5mo_SIGAE9_	0.01756344	0.17440383	6.72E-05	0.026262	0.35829
5mo_SIGAE9_	0.04703618	0.46145388	0.00010159	0.098799	0.12814
5mo_SIGAE9_	0.01248891	0.12498037	6.21E-05	0.017782	0.12723
5mo_SIGAE9_	0.05377602	0.5270965	0.00010876	0.092731	-0.084185
5mo_SIGAE9_	0.09686606	0.9467725	0.00013536	0.052262	-1.3446
5mo_SIGAE9_	0.07121826	0.69697547	0.00012331	0.075804	-0.88959
5mo_SIGAE9_	0.06293497	0.6163003	0.00011701	0.098387	-0.49111
5mo_SIGAE9_	0.0880124	0.8605421	0.00013235	0.052652	-1.315
5mo_SIGAE9_	0.03160689	0.31118017	8.36E-05	0.07721	0.6834
5mo_SIGAE9_	0.07138532	0.6986025	0.00012355	0.074645	-0.90497
5mo_SIGAE9_	0.05770076	0.5653216	0.00011241	0.096416	-0.25188
5mo_SIGAE9_	0.00168087	0.01971537	5.31E-05	0.0071026	0.37827
5mo_SIGAE9_	0.08456811	0.8269965	0.00013089	0.053084	-1.2797
5mo_SIGAE9_	0.0361695	0.3556177	8.90E-05	0.10026	0.47826
5mo_SIGAE9_	0.04040483	0.3968678	9.42E-05	0.10978	0.31414
5mo_SIGAE9_	0.02640758	0.26054144	7.74E-05	0.051562	0.76965
5mo_SIGAE9_	0.06435786	0.63015854	0.00011815	0.096641	-0.55833
5mo_SIGAE9_	0.00186455	0.0215043	5.31E-05	0.0071026	0.37827
5mo_SIGAE9_	0.03993587	0.39230034	9.34E-05	0.10962	0.32588
5mo_SIGAE9_	0.05960675	0.5838851	0.00011431	0.098311	-0.32873
5mo_SIGAE9_	0.01970348	0.19524677	6.95E-05	0.030541	0.50588
5mo_SIGAE9_	0.05818034	0.5699925	0.00011273	0.096781	-0.26697
5mo_SIGAE9_	0.01034376	0.10408762	6.02E-05	0.015048	0.10718
5mo_SIGAE9_	0.02703356	0.2666381	7.82E-05	0.054511	0.77219
5mo_SIGAE9_	0.06310661	0.61797196	0.0001173	0.098072	-0.49111
5mo_SIGAE9_	0.05593317	0.5481062	0.00011078	0.094541	-0.16472
5mo_SIGAE9_	0.04291746	0.4213395	9.70E-05	0.10755	0.23945
5mo_SIGAE9_	0.04724398	0.4634777	0.00010197	0.098057	0.11903
5mo_SIGAE9_	0.08690247	0.849732	0.00013193	0.052709	-1.3063
5mo_SIGAE9_	0.07797357	0.7627689	0.00012759	0.058113	-1.1478
5mo_SIGAE9_	0.0285308	0.2812206	7.99E-05	0.060913	0.76245
5mo_SIGAE9_	0.09628585	0.9411215	0.00013515	0.052305	-1.3444
5mo_SIGAE9_	0.06457175	0.63224167	0.00011843	0.096001	-0.57526
5mo_SIGAE9_	0.05184621	0.5083012	0.00010668	0.092211	-0.011455
5mo_SIGAE9_	0.01291654	0.12914525	6.27E-05	0.018769	0.14454
5mo_SIGAE9_	0.07014272	0.68650025	0.0001226	0.07935	-0.8424
5mo_SIGAE9_	0.09510618	0.9296322	0.00013484	0.052368	-1.3437
5mo_SIGAE9_	0.05506374	0.5396384	0.00010978	0.093528	-0.13708
5mo_SIGAE9_	0.04762088	0.46714854	0.00010234	0.09734	0.10986
5mo_SIGAE9_	0.07135698	0.69832647	0.00012355	0.074645	-0.88959
5mo_SIGAE9_	0.02041239	0.20215116	7.02E-05	0.032119	0.54704
5mo_SIGAE9_	0.06384238	0.625138	0.00011787	0.097201	-0.54144
5mo_SIGAE9_	0.00725257	0.07398097	5.75E-05	0.011579	0.15252
5mo_SIGAE9_	0.08125129	0.7946922	0.00012942	0.054478	-1.2227

5mo_SIGAE9_	0.05453103	0.53445	0.00010944	0.093233	-0.11022
5mo_SIGAE9_	0.04178045	0.4102656	9.58E-05	0.10896	0.27003
5mo_SIGAE9_	0.06444929	0.631049	0.00011843	0.096001	-0.55833
5mo_SIGAE9_	0.07051039	0.6900811	0.00012284	0.078159	-0.8583
5mo_SIGAE9_	0.04484799	0.44014198	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.02874808	0.28333676	8.03E-05	0.062611	0.75723
5mo_SIGAE9_	0.07022902	0.68734074	0.00012284	0.078159	-0.8424
5mo_SIGAE9_	0.07837576	0.76668596	0.00012778	0.057615	-1.1573
5mo_SIGAE9_	0.07797472	0.76278013	0.00012759	0.058113	-1.1478
5mo_SIGAE9_	0.08623792	0.84325963	0.00013164	0.052775	-1.2997
5mo_SIGAE9_	0.05227066	0.5124351	0.00010703	0.092172	-0.03476
5mo_SIGAE9_	0.03153931	0.31052196	8.36E-05	0.07721	0.6834
5mo_SIGAE9_	0.04501646	0.44178283	9.93E-05	0.10345	0.17344
5mo_SIGAE9_	0.04654641	0.45668373	0.00010122	0.099559	0.13721
5mo_SIGAE9_	0.05336385	0.5230822	0.00010807	0.092373	-0.07149
5mo_SIGAE9_	0.05124438	0.5024397	0.00010597	0.092472	-0.0001745
5mo_SIGAE9_	0.04399149	0.4318001	9.82E-05	0.10565	0.20107
5mo_SIGAE9_	0.06037398	0.59135747	0.00011492	0.0987	-0.36038
5mo_SIGAE9_	0.05937766	0.5816538	0.000114	0.098059	-0.31309
5mo_SIGAE9_	0.01698238	0.1687446	6.65E-05	0.024968	0.33781
5mo_SIGAE9_	0.04314378	0.42354384	9.74E-05	0.10696	0.22964
5mo_SIGAE9_	0.04001095	0.3930316	9.38E-05	0.10975	0.32588
5mo_SIGAE9_	0.02803717	0.2764128	7.94E-05	0.059253	0.76661
5mo_SIGAE9_	0.07588741	0.7424507	0.0001264	0.06191	-1.0832
5mo_SIGAE9_	0.06156384	0.6029461	0.00011583	0.09893	-0.42501
5mo_SIGAE9_	0.04998533	0.49017718	0.0001049	0.093366	0.042456
5mo_SIGAE9_	0.0500718	0.49101934	0.0001049	0.093366	0.042456
5mo_SIGAE9_	0.03410499	0.33551043	8.65E-05	0.090344	0.57137
5mo_SIGAE9_	0.06975818	0.682755	0.00012235	0.080544	-0.82636
5mo_SIGAE9_	0.04433669	0.4351622	9.86E-05	0.10494	0.19178
5mo_SIGAE9_	0.04574943	0.4489216	0.00010009	0.1019	0.1553
5mo_SIGAE9_	0.05834962	0.57164127	0.00011305	0.097132	-0.26697
5mo_SIGAE9_	0.05520789	0.5410423	0.00011011	0.093847	-0.13708
5mo_SIGAE9_	0.0677275	0.66297716	0.00012084	0.087573	-0.72756
5mo_SIGAE9_	0.05122907	0.50229055	0.00010597	0.092472	-0.0001745
5mo_SIGAE9_	0.06761555	0.6618868	0.00012084	0.087573	-0.72756
5mo_SIGAE9_	0.04536712	0.44519806	9.97E-05	0.10268	0.16436
5mo_SIGAE9_	0.02634834	0.25996447	7.74E-05	0.051562	0.76965
5mo_SIGAE9_	0.03627108	0.3566071	8.94E-05	0.10166	0.47826
5mo_SIGAE9_	0.0629148	0.6161039	0.00011701	0.098387	-0.49111
5mo_SIGAE9_	0.03970714	0.39007258	9.34E-05	0.10962	0.33794
5mo_SIGAE9_	0.04917914	0.48232523	0.00010381	0.094798	0.062467
5mo_SIGAE9_	0.06200809	0.607273	0.00011642	0.098794	-0.44141
5mo_SIGAE9_	0.05855746	0.57366544	0.00011337	0.097465	-0.2822
5mo_SIGAE9_	0.07725588	0.7557789	0.0001272	0.059217	-1.1276
5mo_SIGAE9_	0.05945113	0.5823694	0.000114	0.098059	-0.32873

5mo_SIGAE9_	0.03797814	0.37323302	9.14E-05	0.10717	0.40374
5mo_SIGAE9_	0.04659914	0.45719734	0.00010122	0.099559	0.13721
5mo_SIGAE9_	0.08938369	0.8738979	0.00013288	0.052615	-1.3244
5mo_SIGAE9_	0.07455082	0.729433	0.00012556	0.06525	-1.0333
5mo_SIGAE9_	0.04478604	0.43953866	9.89E-05	0.10421	0.18258
5mo_SIGAE9_	0.03376561	0.33220506	8.61E-05	0.088522	0.58656
5mo_SIGAE9_	0.01357197	0.13552888	6.34E-05	0.019794	0.16714
5mo_SIGAE9_	0.05093578	0.49943408	0.00010561	0.092703	0.010852
5mo_SIGAE9_	0.04943122	0.4847804	0.00010417	0.094268	0.062467
5mo_SIGAE9_	0.07864136	0.76927286	0.00012797	0.057152	-1.1666
5mo_SIGAE9_	0.05476753	0.53675336	0.00010944	0.093233	-0.12355
5mo_SIGAE9_	0.01472505	0.14675924	6.44E-05	0.021412	0.20962
5mo_SIGAE9_	0.00150665	0.01801851	5.29E-05	0.0068852	0.39576
5mo_SIGAE9_	0.03714275	0.36509675	9.02E-05	0.1042	0.43275
5mo_SIGAE9_	0.06466474	0.63314736	0.00011843	0.096001	-0.57526
5mo_SIGAE9_	0.04677718	0.45893133	0.00010122	0.099559	0.12814
5mo_SIGAE9_	0.0583816	0.57195264	0.00011305	0.097132	-0.2822
5mo_SIGAE9_	0.05140256	0.5039803	0.00010632	0.092309	-0.0001745
5mo_SIGAE9_	0.04558998	0.44736862	0.00010009	0.1019	0.16436
5mo_SIGAE9_	0.012132	0.12150426	6.17E-05	0.017303	0.12065
5mo_SIGAE9_	0.05086047	0.49870053	0.00010561	0.092703	0.010852
5mo_SIGAE9_	0.06844395	0.6699551	0.00012136	0.085284	-0.7609
5mo_SIGAE9_	0.00805141	0.08176129	5.81E-05	0.012286	0.12871
5mo_SIGAE9_	0.05728089	0.5612323	0.00011209	0.096042	-0.22216
5mo_SIGAE9_	0.04750245	0.4659951	0.00010197	0.098057	0.10986
5mo_SIGAE9_	0.03444145	0.33878735	8.69E-05	0.09213	0.55601
5mo_SIGAE9_	0.08355414	0.8171209	0.00013042	0.053406	-1.2651
5mo_SIGAE9_	0.01968938	0.19510938	6.95E-05	0.030541	0.50588
5mo_SIGAE9_	0.06526594	0.6390028	0.00011898	0.094504	-0.60919
5mo_SIGAE9_	0.05055516	0.49572697	0.00010525	0.093003	0.021622
5mo_SIGAE9_	0.05781151	0.56640035	0.00011241	0.096416	-0.25188
5mo_SIGAE9_	0.0143307	0.14291848	6.41E-05	0.020862	0.19442
5mo_SIGAE9_	0.09012668	0.8811342	0.00013313	0.052597	-1.3283
5mo_SIGAE9_	0.0540186	0.52945924	0.00010876	0.092731	-0.097097
5mo_SIGAE9_	0.02584608	0.25507265	7.66E-05	0.04879	0.76634
5mo_SIGAE9_	0.05896878	0.5776715	0.00011368	0.097776	-0.29758
5mo_SIGAE9_	0.04537069	0.44523278	9.97E-05	0.10268	0.16436
5mo_SIGAE9_	0.04563707	0.44782725	0.00010009	0.1019	0.16436
5mo_SIGAE9_	0.06733199	0.65912515	0.00012058	0.088682	-0.71078
5mo_SIGAE9_	0.05076951	0.4978147	0.00010561	0.092703	0.021622
5mo_SIGAE9_	0.02048547	0.20286298	7.06E-05	0.032941	0.54704
5mo_SIGAE9_	0.04493916	0.44102997	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.07485396	0.7323854	0.00012577	0.064358	-1.0462
5mo_SIGAE9_	0.04027661	0.39561898	9.38E-05	0.10975	0.31414
5mo_SIGAE9_	0.06822962	0.6678676	0.00012136	0.085284	-0.74427
5mo_SIGAE9_	0.01636103	0.16269289	6.62E-05	0.024342	0.29808

5mo_SIGAE9_	0.04004837	0.39339605	9.38E-05	0.10975	0.32588
5mo_SIGAE9_	0.05184555	0.50829476	0.00010668	0.092211	-0.011455
5mo_SIGAE9_	0.03919308	0.38506588	9.26E-05	0.10901	0.35035
5mo_SIGAE9_	0.08457306	0.82704467	0.00013089	0.053084	-1.2797
5mo_SIGAE9_	0.05152183	0.5051419	0.00010632	0.092309	-0.011455
5mo_SIGAE9_	0.06843246	0.66984314	0.00012136	0.085284	-0.7609
5mo_SIGAE9_	0.07394705	0.7235525	0.00012513	0.067136	-1.0066
5mo_SIGAE9_	0.04937629	0.48424542	0.00010417	0.094268	0.062467
5mo_SIGAE9_	0.04484176	0.44008133	9.93E-05	0.10345	0.18258
5mo_SIGAE9_	0.05428729	0.5320761	0.0001091	0.092966	-0.11022
5mo_SIGAE9_	0.04580921	0.44950375	0.00010009	0.1019	0.1553
5mo_SIGAE9_	0.06499548	0.6363686	0.00011871	0.095287	-0.59222
5mo_SIGAE9_	0.043721	0.42916563	9.78E-05	0.10633	0.21046
5mo_SIGAE9_	0.08453023	0.8266275	0.00013089	0.053084	-1.2797
5mo_SIGAE9_	0.0169846	0.1687662	6.65E-05	0.024968	0.33781
5mo_SIGAE9_	0.03737022	0.36731213	9.06E-05	0.10531	0.43275
5mo_SIGAE9_	0.04442499	0.4360221	9.86E-05	0.10494	0.19178
5mo_SIGAE9_	0.08097964	0.7920465	0.00012924	0.054725	-1.2227
5mo_SIGAE9_	0.02863482	0.2822336	7.99E-05	0.060913	0.75723
5mo_SIGAE9_	0.0642608	0.6292133	0.00011815	0.096641	-0.55833
5mo_SIGAE9_	0.0584416	0.57253706	0.00011305	0.097132	-0.2822
5mo_SIGAE9_	0.02116813	0.20951171	7.14E-05	0.034655	0.58661
5mo_SIGAE9_	0.07557867	0.7394437	0.00012619	0.062687	-1.0712
5mo_SIGAE9_	0.08838823	0.86420256	0.00013248	0.05264	-1.3176
5mo_SIGAE9_	0.04470018	0.43870237	9.89E-05	0.10421	0.18258
5mo_SIGAE9_	0.05502656	0.53927624	0.00010978	0.093528	-0.13708
5mo_SIGAE9_	0.07331639	0.7174102	0.00012491	0.068128	-0.97873
5mo_SIGAE9_	0.06887781	0.6741806	0.00012186	0.08293	-0.77743
5mo_SIGAE9_	0.06981082	0.68326765	0.00012235	0.080544	-0.82636
5mo_SIGAE9_	0.04880982	0.4787282	0.00010344	0.095375	0.072211
5mo_SIGAE9_	0.09106714	0.8902939	0.0001335	0.052565	-1.3333
5mo_SIGAE9_	0.02506382	0.24745382	7.58E-05	0.046199	0.74769
5mo_SIGAE9_	0.04844829	0.47520715	0.00010308	0.095994	0.081803
5mo_SIGAE9_	0.0725063	0.70952034	0.00012424	0.071279	-0.9499
5mo_SIGAE9_	0.0269178	0.26551074	7.78E-05	0.053015	0.77219
5mo_SIGAE9_	0.07422902	0.72629887	0.00012534	0.066176	-1.0201
5mo_SIGAE9_	0.05791103	0.5673695	0.00011273	0.096781	-0.25188
5mo_SIGAE9_	0.04620529	0.45336136	0.00010084	0.10033	0.14626
5mo_SIGAE9_	0.07924049	0.77510804	0.00012835	0.05632	-1.1841
5mo_SIGAE9_	0.06267753	0.61379296	0.00011701	0.098387	-0.47447
5mo_SIGAE9_	0.05356922	0.52508247	0.00010842	0.092532	-0.084185
5mo_SIGAE9_	0.04605625	0.4519098	0.00010046	0.10111	0.14626
5mo_SIGAE9_	0.05785537	0.5668275	0.00011241	0.096416	-0.25188
5mo_SIGAE9_	0.06039568	0.5915688	0.00011492	0.0987	-0.36038
5mo_SIGAE9_	0.01897613	0.18816274	6.87E-05	0.029043	0.44251
5mo_SIGAE9_	0.00471909	0.04930613	5.55E-05	0.0093744	0.23478

5mo_SIGAE9_	0.0527413	0.5170189	0.00010773	0.092257	-0.046772
5mo_SIGAE9_	0.05719313	0.5603776	0.00011209	0.096042	-0.22216
5mo_SIGAE9_	0.08317855	0.81346285	0.00013026	0.053541	-1.2598
5mo_SIGAE9_	0.07997385	0.7822506	0.00012871	0.055605	-1.2004
5mo_SIGAE9_	0.0576477	0.56480485	0.00011241	0.096416	-0.23694
5mo_SIGAE9_	0.02655929	0.262019	7.74E-05	0.051562	0.77158
5mo_SIGAE9_	0.02358052	0.23300724	7.42E-05	0.041523	0.70349
5mo_SIGAE9_	0.04954922	0.4859296	0.00010417	0.094268	0.052555
5mo_SIGAE9_	0.06927259	0.67802554	0.00012211	0.081739	-0.79386
5mo_SIGAE9_	0.04685885	0.45972675	0.00010122	0.099559	0.12814
5mo_SIGAE9_	0.06641657	0.65020937	0.00011979	0.091802	-0.66011
5mo_SIGAE9_	0.03494604	0.34370187	8.77E-05	0.095565	0.54051
5mo_SIGAE9_	0.07707825	0.75404894	0.000127	0.059827	-1.117
5mo_SIGAE9_	0.05078584	0.49797374	0.00010561	0.092703	0.021622
5mo_SIGAE9_	0.07701809	0.753463	0.000127	0.059827	-1.117
5mo_SIGAE9_	0.08483066	0.82955354	0.00013105	0.053002	-1.2841
5mo_SIGAE9_	0.07132206	0.6979864	0.00012355	0.074645	-0.88959
5mo_SIGAE9_	0.00433148	0.04553104	5.52E-05	0.0090922	0.24903
5mo_SIGAE9_	0.04459561	0.4376839	9.89E-05	0.10421	0.19178
5mo_SIGAE9_	0.01112245	0.1116717	6.08E-05	0.015922	0.10884
5mo_SIGAE9_	0.04760701	0.4670135	0.00010234	0.09734	0.10986
5mo_SIGAE9_	0.04881474	0.4787762	0.00010344	0.095375	0.072211
5mo_SIGAE9_	0.08127465	0.7949198	0.00012942	0.054478	-1.2227
5mo_SIGAE9_	0.08000373	0.78254163	0.00012871	0.055605	-1.2004
5mo_SIGAE9_	0.03853298	0.3786369	9.18E-05	0.10791	0.37625
5mo_SIGAE9_	0.04786646	0.4695404	0.00010234	0.09734	0.10061
5mo_SIGAE9_	0.01366324	0.13641782	6.34E-05	0.019794	0.16714
5mo_SIGAE9_	0.0524968	0.5146376	0.00010738	0.092189	-0.03476
5mo_SIGAE9_	0.07202303	0.7048135	0.00012401	0.07238	-0.92016
5mo_SIGAE9_	0.06316691	0.61855924	0.0001173	0.098072	-0.50782
5mo_SIGAE9_	0.05040451	0.49425977	0.00010525	0.093003	0.032151
5mo_SIGAE9_	0.05965285	0.5843341	0.00011431	0.098311	-0.32873
5mo_SIGAE9_	0.08410726	0.822508	0.00013074	0.053178	-1.2751
5mo_SIGAE9_	0.06244733	0.6115509	0.00011672	0.098627	-0.4579
5mo_SIGAE9_	0.08331964	0.814837	0.00013042	0.053406	-1.2598
5mo_SIGAE9_	0.04515018	0.4430851	9.93E-05	0.10345	0.17344
5mo_SIGAE9_	0.0736376	0.7205386	0.00012491	0.068128	-0.99278
5mo_SIGAE9_	0.06350429	0.6218451	0.00011758	0.097678	-0.5246
5mo_SIGAE9_	0.02227876	0.22032872	7.26E-05	0.037419	0.64161
5mo_SIGAE9_	0.03439283	0.33831388	8.69E-05	0.09213	0.57137
5mo_SIGAE9_	0.0512203	0.50220513	0.00010597	0.092472	-0.0001745
5mo_SIGAE9_	0.07283864	0.7127572	0.00012446	0.070202	-0.96444
5mo_SIGAE9_	0.05623235	0.5510201	0.00011111	0.094909	-0.17881
5mo_SIGAE9_	0.03245745	0.31946412	8.48E-05	0.082909	0.64444
5mo_SIGAE9_	0.05026873	0.49293733	0.0001049	0.093366	0.032151
5mo_SIGAE9_	0.04519905	0.4435611	9.97E-05	0.10268	0.17344

5mo_SIGAE9_	0.06431514	0.62974244	0.00011815	0.096641	-0.55833
5mo_SIGAE9_	0.0536965	0.5263221	0.00010842	0.092532	-0.084185
5mo_SIGAE9_	0.03089385	0.3042355	8.28E-05	0.073435	0.70647
5mo_SIGAE9_	0.07620885	0.7455813	0.0001266	0.061174	-1.0948
5mo_SIGAE9_	0.03438461	0.3382338	8.69E-05	0.09213	0.57137
5mo_SIGAE9_	0.00697807	0.07130747	5.72E-05	0.011238	0.16213
5mo_SIGAE9_	0.05542233	0.5431308	0.00011011	0.093847	-0.1508
5mo_SIGAE9_	0.0458808	0.45020097	0.00010046	0.10111	0.1553
5mo_SIGAE9_	0.06189073	0.6061299	0.00011613	0.098894	-0.44141
5mo_SIGAE9_	0.09022479	0.88208973	0.00013325	0.052587	-1.3301
5mo_SIGAE9_	0.06585167	0.6447075	0.00011953	0.092756	-0.62617
5mo_SIGAE9_	0.06697083	0.6556075	0.00012032	0.089759	-0.69393
5mo_SIGAE9_	0.05379183	0.5272505	0.00010876	0.092731	-0.084185
5mo_SIGAE9_	0.05557497	0.5446175	0.00011045	0.094186	-0.1508
5mo_SIGAE9_	0.0694868	0.68011194	0.00012211	0.081739	-0.81017
5mo_SIGAE9_	0.04465113	0.4382246	9.89E-05	0.10421	0.19178
5mo_SIGAE9_	0.08727304	0.85334116	0.00013207	0.052686	-1.3094
5mo_SIGAE9_	0.06047732	0.592364	0.00011492	0.0987	-0.37638
5mo_SIGAE9_	0.06821236	0.66769946	0.00012136	0.085284	-0.74427
5mo_SIGAE9_	0.05148242	0.50475806	0.00010632	0.092309	-0.0001745
5mo_SIGAE9_	0.03495675	0.34380615	8.77E-05	0.095565	0.54051
5mo_SIGAE9_	0.06011093	0.58879554	0.00011462	0.098526	-0.36038
5mo_SIGAE9_	0.07943043	0.776958	0.00012835	0.05632	-1.1841
5mo_SIGAE9_	0.01612185	0.1603634	6.58E-05	0.023731	0.27899
5mo_SIGAE9_	0.05102114	0.5002655	0.00010597	0.092472	0.010852
5mo_SIGAE9_	0.06685872	0.65451574	0.00012032	0.089759	-0.67704
5mo_SIGAE9_	0.04571169	0.448554	0.00010009	0.1019	0.1553
5mo_SIGAE9_	0.04164564	0.40895268	9.54E-05	0.10929	0.27003
5mo_SIGAE9_	0.05255443	0.5151989	0.00010738	0.092189	-0.046772
5mo_SIGAE9_	0.05705104	0.5589937	0.00011177	0.095663	-0.22216
5mo_SIGAE9_	0.0405229	0.3980177	9.42E-05	0.10978	0.31414
5mo_SIGAE9_	0.0393142	0.38624552	9.26E-05	0.10901	0.35035
5mo_SIGAE9_	0.05728672	0.5612891	0.00011209	0.096042	-0.22216
5mo_SIGAE9_	0.05485501	0.5376054	0.00010978	0.093528	-0.12355
5mo_SIGAE9_	0.04152102	0.4077389	9.54E-05	0.10929	0.28067
5mo_SIGAE9_	0.00572703	0.05912298	5.63E-05	0.010269	0.19547
5mo_SIGAE9_	0.0130405	0.13035257	6.27E-05	0.018769	0.14454
5mo_SIGAE9_	0.00579341	0.05976946	5.63E-05	0.010269	0.19547
5mo_SIGAE9_	0.07238002	0.70829046	0.00012424	0.071279	-0.93514
5mo_SIGAE9_	0.01202928	0.12050381	6.17E-05	0.017303	0.12065
5mo_SIGAE9_	0.04827143	0.47348464	0.00010308	0.095994	0.091263
5mo_SIGAE9_	0.06839091	0.6694384	0.00012136	0.085284	-0.7609
5mo_SIGAE9_	0.03251367	0.3200117	8.48E-05	0.082909	0.64444
5mo_SIGAE9_	0.05458785	0.5350034	0.00010944	0.093233	-0.12355
5mo_SIGAE9_	0.01188856	0.11913324	6.17E-05	0.017303	0.12065
5mo_SIGAE9_	0.08228395	0.8047499	0.00012993	0.053861	-1.2424

5mo_SIGAE9	0.02953612	0.2910119	8.11E-05	0.066108	0.7438
5mo_SIGAE9	0.07107649	0.6955947	0.00012331	0.075804	-0.88959
5mo_SIGAE9	0.01254169	0.12549444	6.24E-05	0.018271	0.13519
5mo_SIGAE9	0.07273402	0.7117382	0.00012446	0.070202	-0.96444
5mo_SIGAE9	0.04330452	0.42510933	9.74E-05	0.10696	0.21998
5mo_SIGAE9	0.07076646	0.6925752	0.00012308	0.076976	-0.87403
5mo_SIGAE9	0.03392495	0.3337569	8.65E-05	0.090344	0.58656
5mo_SIGAE9	0.06441858	0.6307499	0.00011843	0.096001	-0.55833
5mo_SIGAE9	0.00142893	0.01726155	5.29E-05	0.0068852	0.39576
5mo_SIGAE9	0.07655425	0.74894536	0.0001268	0.060479	-1.1061
5mo_SIGAE9	0.08868232	0.8670669	0.00013261	0.052631	-1.32
5mo_SIGAE9	0.01471569	0.14666812	6.44E-05	0.021412	0.20962
5mo_SIGAD9	0.06862385	0.67170715	0.00012161	0.084113	-0.77743
5mo_SIGAD9	0.06659434	0.65194076	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.07899903	0.77275634	0.00012816	0.056721	-1.1755
5mo_SIGAD9	0.06471819	0.633668	0.00011843	0.096001	-0.57526
5mo_SIGAD9	0.04530487	0.4445918	9.97E-05	0.10268	0.17344
5mo_SIGAD9	0.07802793	0.7632983	0.00012759	0.058113	-1.1478
5mo_SIGAD9	0.02611673	0.25770867	7.70E-05	0.050154	0.76634
5mo_SIGAD9	0.03071491	0.3024927	8.23E-05	0.07157	0.70647
5mo_SIGAD9	0.0603029	0.59066516	0.00011492	0.0987	-0.36038
5mo_SIGAD9	0.05887697	0.5767773	0.00011337	0.097465	-0.29758
5mo_SIGAD9	0.0787718	0.7705433	0.00012797	0.057152	-1.1666
5mo_SIGAD9	0.04671374	0.45831344	0.00010122	0.099559	0.13721
5mo_SIGAD9	0.03159708	0.31108457	8.36E-05	0.07721	0.6834
5mo_SIGAD9	0.05011804	0.49146968	0.0001049	0.093366	0.042456
5mo_SIGAD9	0.08159706	0.7980599	0.00012959	0.054253	-1.2295
5mo_SIGAD9	0.05788554	0.5671213	0.00011273	0.096781	-0.25188
5mo_SIGAD9	0.07840288	0.76695013	0.00012778	0.057615	-1.1573
5mo_SIGAD9	0.03916546	0.38479695	9.26E-05	0.10901	0.36311
5mo_SIGAD9	0.05832415	0.5713932	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.0711289	0.6961051	0.00012331	0.075804	-0.88959
5mo_SIGAD9	0.06709167	0.6567845	0.00012032	0.089759	-0.69393
5mo_SIGAD9	0.06374443	0.6241841	0.00011787	0.097201	-0.5246
5mo_SIGAD9	0.06899878	0.6753588	0.00012186	0.08293	-0.79386
5mo_SIGAD9	0.06065365	0.59408134	0.00011523	0.098828	-0.37638
5mo_SIGAD9	0.03412314	0.33568716	8.65E-05	0.090344	0.57137
5mo_SIGAD9	0.05171704	0.5070431	0.00010668	0.092211	-0.011455
5mo_SIGAD9	0.0782816	0.7657689	0.00012778	0.057615	-1.1573
5mo_SIGAD9	0.07276617	0.71205133	0.00012446	0.070202	-0.96444
5mo_SIGAD9	0.0493817	0.48429808	0.00010417	0.094268	0.062467
5mo_SIGAD9	0.06955966	0.68082154	0.00012235	0.080544	-0.81017
5mo_SIGAD9	0.05067345	0.49687907	0.00010561	0.092703	0.021622
5mo_SIGAD9	0.0542462	0.53167593	0.0001091	0.092966	-0.11022
5mo_SIGAD9	0.03429338	0.33734524	8.69E-05	0.09213	0.57137
5mo_SIGAD9	0.06631403	0.64921063	0.00011979	0.091802	-0.66011

5mo_SIGAD9	0.05159277	0.5058328	0.00010632	0.092309	-0.011455
5mo_SIGAD9	0.06431026	0.62969494	0.00011815	0.096641	-0.55833
5mo_SIGAD9	0.05407984	0.53005564	0.00010876	0.092731	-0.097097
5mo_SIGAD9	0.07193738	0.7039793	0.00012378	0.073503	-0.92016
5mo_SIGAD9	0.03899879	0.38317367	9.26E-05	0.10901	0.36311
5mo_SIGAD9	0.07307579	0.71506685	0.00012469	0.069151	-0.97873
5mo_SIGAD9	0.09369358	0.9158741	0.00013442	0.052444	-1.3416
5mo_SIGAD9	0.07270048	0.71141154	0.00012446	0.070202	-0.9499
5mo_SIGAD9	0.07472273	0.73111073	0.00012577	0.064358	-1.0333
5mo_SIGAD9	0.05105742	0.50061876	0.00010597	0.092472	0.010852
5mo_SIGAD9	0.02248872	0.22237363	7.26E-05	0.037419	0.65846
5mo_SIGAD9	0.08187505	0.80076736	0.00012959	0.054253	-1.2361
5mo_SIGAD9	0.05697676	0.5582702	0.00011177	0.095663	-0.20754
5mo_SIGAD9	0.02810741	0.27709696	7.94E-05	0.059253	0.76661
5mo_SIGAD9	0.06662029	0.6521935	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.09018504	0.8817026	0.00013325	0.052587	-1.3301
5mo_SIGAD9	0.05619175	0.5506246	0.00011111	0.094909	-0.17881
5mo_SIGAD9	0.05323423	0.5218198	0.00010807	0.092373	-0.07149
5mo_SIGAD9	0.07334506	0.71768945	0.00012491	0.068128	-0.97873
5mo_SIGAD9	0.06247577	0.61182785	0.00011672	0.098627	-0.47447
5mo_SIGAD9	0.05880345	0.57606125	0.00011337	0.097465	-0.29758
5mo_SIGAD9	0.02450201	0.24198212	7.50E-05	0.043782	0.73857
5mo_SIGAD9	0.06806866	0.66629994	0.0001211	0.086439	-0.74427
5mo_SIGAD9	0.04605668	0.45191404	0.00010046	0.10111	0.14626
5mo_SIGAD9	0.05029767	0.4932192	0.0001049	0.093366	0.032151
5mo_SIGAD9	0.04919593	0.48248878	0.00010381	0.094798	0.062467
5mo_SIGAD9	0.04090989	0.4017868	9.46E-05	0.10971	0.29155
5mo_SIGAD9	0.06227038	0.60982746	0.00011642	0.098794	-0.4579
5mo_SIGAD9	0.04064403	0.3991975	9.42E-05	0.10978	0.3027
5mo_SIGAD9	0.04368589	0.4288237	9.78E-05	0.10633	0.21046
5mo_SIGAD9	0.04306445	0.42277116	9.70E-05	0.10755	0.22964
5mo_SIGAD9	0.03974522	0.39044344	9.34E-05	0.10962	0.33794
5mo_SIGAD9	0.06477976	0.6342676	0.00011871	0.095287	-0.57526
5mo_SIGAD9	0.05554409	0.54431677	0.00011045	0.094186	-0.1508
5mo_SIGAD9	0.07121252	0.6969196	0.00012331	0.075804	-0.88959
5mo_SIGAD9	0.04847067	0.47542506	0.00010308	0.095994	0.081803
5mo_SIGAD9	0.06273444	0.6143472	0.00011701	0.098387	-0.47447
5mo_SIGAD9	0.05657425	0.55434996	0.00011144	0.095284	-0.19309
5mo_SIGAD9	0.08170733	0.79913384	0.00012959	0.054253	-1.2361
5mo_SIGAD9	0.07961731	0.77877814	0.00012853	0.055948	-1.1924
5mo_SIGAD9	0.06571001	0.6433278	0.00011925	0.093659	-0.62617
5mo_SIGAD9	0.05595005	0.5482705	0.00011078	0.094541	-0.16472
5mo_SIGAD9	0.04520843	0.44365248	9.97E-05	0.10268	0.17344
5mo_SIGAD9	0.05153518	0.5052719	0.00010632	0.092309	-0.011455
5mo_SIGAD9	0.04288553	0.42102855	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.04426503	0.43446425	9.86E-05	0.10494	0.20107

5mo_SIGAD9	0.01837211	0.1822799	6.84E-05	0.028322	0.42127
5mo_SIGAD9	0.04983575	0.48872036	0.00010453	0.09379	0.042456
5mo_SIGAD9	0.00978414	0.09863723	5.95E-05	0.014213	0.1081
5mo_SIGAD9	0.05460829	0.5352025	0.00010944	0.093233	-0.12355
5mo_SIGAD9	0.03148286	0.3099721	8.36E-05	0.07721	0.6834
5mo_SIGAD9	0.03630689	0.35695586	8.94E-05	0.10166	0.47826
5mo_SIGAD9	0.05381951	0.5275201	0.00010876	0.092731	-0.084185
5mo_SIGAD9	0.0464544	0.45578766	0.00010084	0.10033	0.13721
5mo_SIGAD9	0.05801728	0.5684044	0.00011273	0.096781	-0.26697
5mo_SIGAD9	0.03603266	0.35428497	8.90E-05	0.10026	0.49376
5mo_SIGAD9	0.04820258	0.47281405	0.00010271	0.09665	0.091263
5mo_SIGAD9	0.04347508	0.42677048	9.78E-05	0.10633	0.21998
5mo_SIGAD9	0.0394947	0.38800356	9.30E-05	0.10937	0.35035
5mo_SIGAD9	0.07482192	0.73207337	0.00012577	0.064358	-1.0462
5mo_SIGAD9	0.06016909	0.5893619	0.00011462	0.098526	-0.36038
5mo_SIGAD9	0.03143564	0.3095123	8.36E-05	0.07721	0.6834
5mo_SIGAD9	0.05727584	0.5611831	0.00011209	0.096042	-0.22216
5mo_SIGAD9	0.02621951	0.25870967	7.70E-05	0.050154	0.76965
5mo_SIGAD9	0.01796684	0.17833273	6.76E-05	0.026932	0.37908
5mo_SIGAD9	0.04942056	0.48467654	0.00010417	0.094268	0.062467
5mo_SIGAD9	0.08723988	0.8530182	0.00013207	0.052686	-1.3094
5mo_SIGAD9	0.05132159	0.50319165	0.00010597	0.092472	-0.0001745
5mo_SIGAD9	0.08635176	0.84436834	0.00013164	0.052775	-1.2997
5mo_SIGAD9	0.02049228	0.20292932	7.06E-05	0.032941	0.54704
5mo_SIGAD9	0.04756465	0.46660092	0.00010234	0.09734	0.10986
5mo_SIGAD9	0.06753583	0.6611104	0.00012084	0.087573	-0.71078
5mo_SIGAD9	0.06235027	0.61060554	0.00011672	0.098627	-0.4579
5mo_SIGAD9	0.01115074	0.11194723	6.08E-05	0.015922	0.1115
5mo_SIGAD9	0.05848753	0.5729844	0.00011305	0.097132	-0.2822
5mo_SIGAD9	0.04680604	0.45921242	0.00010122	0.099559	0.12814
5mo_SIGAD9	0.03146669	0.30981463	8.36E-05	0.07721	0.6834
5mo_SIGAD9	0.06850454	0.67054516	0.00012136	0.085284	-0.7609
5mo_SIGAD9	0.05633435	0.55201346	0.00011111	0.094909	-0.19309
5mo_SIGAD9	0.05115351	0.50155467	0.00010597	0.092472	0.010852
5mo_SIGAD9	0.0567743	0.5562984	0.00011144	0.095284	-0.20754
5mo_SIGAD9	0.01771532	0.17588308	6.76E-05	0.026932	0.37908
5mo_SIGAD9	0.05861656	0.5742411	0.00011337	0.097465	-0.2822
5mo_SIGAD9	0.08654372	0.846238	0.00013179	0.052739	-1.3031
5mo_SIGAD9	0.04000426	0.39296642	9.34E-05	0.10962	0.32588
5mo_SIGAD9	0.07258615	0.71029806	0.00012424	0.071279	-0.9499
5mo_SIGAD9	0.04757179	0.46667045	0.00010234	0.09734	0.10986
5mo_SIGAD9	0.08474083	0.8286787	0.00013105	0.053002	-1.2841
5mo_SIGAD9	0.09546206	0.93309826	0.00013495	0.052348	-1.344
5mo_SIGAD9	0.0076591	0.07794037	5.78E-05	0.011928	0.14372
5mo_SIGAD9	0.05827509	0.57091534	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.0663366	0.64943045	0.00011979	0.091802	-0.66011

5mo_SIGAD9	0.0500735	0.4910359	0.0001049	0.093366	0.042456
5mo_SIGAD9	0.06009454	0.58863586	0.00011462	0.098526	-0.36038
5mo_SIGAD9	0.06993668	0.6844935	0.0001226	0.07935	-0.82636
5mo_SIGAD9	0.06896316	0.67501193	0.00012186	0.08293	-0.79386
5mo_SIGAD9	0.04355888	0.42758667	9.78E-05	0.10633	0.21998
5mo_SIGAD9	0.05648029	0.55343485	0.00011111	0.094909	-0.19309
5mo_SIGAD9	0.03402685	0.33474934	8.65E-05	0.090344	0.58656
5mo_SIGAD9	0.06517288	0.63809645	0.00011898	0.094504	-0.59222
5mo_SIGAD9	0.05047882	0.49498355	0.00010525	0.093003	0.032151
5mo_SIGAD9	0.03737439	0.36735275	9.06E-05	0.10531	0.43275
5mo_SIGAD9	0.03428061	0.3372209	8.69E-05	0.09213	0.57137
5mo_SIGAD9	0.0656074	0.64232844	0.00011925	0.093659	-0.62617
5mo_SIGAD9	0.06877995	0.67322755	0.00012161	0.084113	-0.77743
5mo_SIGAD9	0.02492232	0.24607567	7.58E-05	0.046199	0.74769
5mo_SIGAD9	0.04654927	0.4567116	0.00010122	0.099559	0.13721
5mo_SIGAD9	0.06869344	0.672385	0.00012161	0.084113	-0.77743
5mo_SIGAD9	0.05934028	0.58128977	0.000114	0.098059	-0.31309
5mo_SIGAD9	0.05012513	0.49153876	0.0001049	0.093366	0.042456
5mo_SIGAD9	0.03723661	0.36601084	9.02E-05	0.1042	0.43275
5mo_SIGAD9	0.0216185	0.21389814	7.18E-05	0.035549	0.6056
5mo_SIGAD9	0.0735305	0.7194956	0.00012491	0.068128	-0.99278
5mo_SIGAD9	0.04420462	0.4338759	9.86E-05	0.10494	0.20107
5mo_SIGAD9	0.00992576	0.10001655	5.98E-05	0.014626	0.1081
5mo_SIGAD9	0.00749755	0.07636698	5.78E-05	0.011928	0.14372
5mo_SIGAD9	0.07753346	0.75848246	0.0001274	0.058646	-1.1379
5mo_SIGAD9	0.01409903	0.14066221	6.37E-05	0.020323	0.18023
5mo_SIGAD9	0.06151582	0.6024784	0.00011583	0.09893	-0.42501
5mo_SIGAD9	0.03361687	0.3307564	8.61E-05	0.088522	0.60151
5mo_SIGAD9	0.07109202	0.69574594	0.00012331	0.075804	-0.88959
5mo_SIGAD9	0.05221371	0.5118804	0.00010703	0.092172	-0.03476
5mo_SIGAD9	0.0559793	0.54855543	0.00011078	0.094541	-0.17881
5mo_SIGAD9	0.04803201	0.47115278	0.00010271	0.09665	0.10061
5mo_SIGAD9	0.03201289	0.31513435	8.40E-05	0.07911	0.65793
5mo_SIGAD9	0.02439626	0.24095213	7.50E-05	0.043782	0.72811
5mo_SIGAD9	0.04248045	0.41708326	9.66E-05	0.10808	0.24945
5mo_SIGAD9	0.0679208	0.6648599	0.0001211	0.086439	-0.72756
5mo_SIGAD9	0.02148209	0.21256958	7.18E-05	0.035549	0.6056
5mo_SIGAD9	0.06680407	0.65398335	0.00012032	0.089759	-0.67704
5mo_SIGAD9	0.05900407	0.5780152	0.00011368	0.097776	-0.29758
5mo_SIGAD9	0.01684365	0.16739343	6.65E-05	0.024968	0.31771
5mo_SIGAD9	0.04612007	0.45253143	0.00010046	0.10111	0.14626
5mo_SIGAD9	0.0474679	0.46565858	0.00010197	0.098057	0.10986
5mo_SIGAD9	0.07495343	0.7333542	0.00012577	0.064358	-1.0462
5mo_SIGAD9	0.05759867	0.56432736	0.00011241	0.096416	-0.23694
5mo_SIGAD9	0.04444784	0.4362447	9.86E-05	0.10494	0.19178
5mo_SIGAD9	0.0535559	0.52495265	0.00010842	0.092532	-0.07149

5mo_SIGAD9	0.08457591	0.8270724	0.00013089	0.053084	-1.2797
5mo_SIGAD9	0.0658302	0.6444984	0.00011953	0.092756	-0.62617
5mo_SIGAD9	0.06487732	0.63521785	0.00011871	0.095287	-0.59222
5mo_SIGAD9	0.06201078	0.60729915	0.00011642	0.098794	-0.44141
5mo_SIGAD9	0.05840508	0.57218134	0.00011305	0.097132	-0.2822
5mo_SIGAD9	0.05339513	0.5233869	0.00010807	0.092373	-0.07149
5mo_SIGAD9	0.0098085	0.09887447	5.98E-05	0.014626	0.1081
5mo_SIGAD9	0.05390197	0.5283233	0.00010876	0.092731	-0.084185
5mo_SIGAD9	0.08254981	0.80733925	0.00012993	0.053861	-1.2485
5mo_SIGAD9	0.05554346	0.54431057	0.00011045	0.094186	-0.1508
5mo_SIGAD9	0.02209783	0.21856654	7.22E-05	0.03647	0.64161
5mo_SIGAD9	0.04367158	0.4286843	9.78E-05	0.10633	0.21046
5mo_SIGAD9	0.02943221	0.2899998	8.11E-05	0.066108	0.7438
5mo_SIGAD9	0.03363098	0.3308938	8.61E-05	0.088522	0.60151
5mo_SIGAD9	0.03319057	0.3266044	8.57E-05	0.086671	0.61617
5mo_SIGAD9	0.02584221	0.255035	7.66E-05	0.04879	0.76634
5mo_SIGAD9	0.06653395	0.6513526	0.00012006	0.090801	-0.66011
5mo_SIGAD9	0.0429151	0.42131656	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.01823034	0.18089905	6.80E-05	0.027619	0.4001
5mo_SIGAD9	0.04336634	0.42571142	9.74E-05	0.10696	0.21998
5mo_SIGAD9	0.05989077	0.58665127	0.00011431	0.098311	-0.3445
5mo_SIGAD9	0.06157139	0.6030197	0.00011583	0.09893	-0.42501
5mo_SIGAD9	0.06341279	0.620954	0.00011758	0.097678	-0.50782
5mo_SIGAD9	0.0791489	0.774216	0.00012816	0.056721	-1.1755
5mo_SIGAD9	0.10046676	0.9818415	0.00013643	0.051998	-1.3425
5mo_SIGAD9	0.05605421	0.549285	0.00011078	0.094541	-0.17881
5mo_SIGAD9	0.07385445	0.72265065	0.00012513	0.067136	-1.0066
5mo_SIGAD9	0.04204147	0.41280785	9.58E-05	0.10896	0.25963
5mo_SIGAD9	0.03010634	0.29656556	8.19E-05	0.069725	0.72675
5mo_SIGAD9	0.06743446	0.6601231	0.00012058	0.088682	-0.71078
5mo_SIGAD9	0.04960277	0.4864512	0.00010417	0.094268	0.052555
5mo_SIGAD9	0.08602414	0.84117746	0.00013164	0.052775	-1.2961
5mo_SIGAD9	0.06019561	0.58962023	0.00011462	0.098526	-0.36038
5mo_SIGAD9	0.04451909	0.43693864	9.89E-05	0.10421	0.19178
5mo_SIGAD9	0.02350769	0.23229794	7.38E-05	0.040447	0.70349
5mo_SIGAD9	0.02033008	0.20134954	7.02E-05	0.032119	0.52662
5mo_SIGAD9	0.04085171	0.4012201	9.46E-05	0.10971	0.3027
5mo_SIGAD9	0.01770403	0.1757731	6.76E-05	0.026932	0.37908
5mo_SIGAD9	0.01249554	0.12504494	6.21E-05	0.017782	0.13519
5mo_SIGAD9	0.05379315	0.5272634	0.00010876	0.092731	-0.084185
5mo_SIGAD9	0.02118977	0.20972247	7.14E-05	0.034655	0.58661
5mo_SIGAD9	0.07712302	0.7544849	0.0001272	0.059217	-1.117
5mo_SIGAD9	0.08363598	0.81791794	0.00013058	0.053285	-1.2651
5mo_SIGAD9	0.01673226	0.16630854	6.65E-05	0.024968	0.31771
5mo_SIGAD9	0.07187209	0.7033434	0.00012378	0.073503	-0.92016
5mo_SIGAD9	0.013716	0.13693166	6.34E-05	0.019794	0.16714

5mo_SIGAD9	0.09046785	0.88445705	0.00013325	0.052587	-1.3301
5mo_SIGAD9	0.05768711	0.5651887	0.00011241	0.096416	-0.25188
5mo_SIGAD9	0.0379196	0.3726628	9.10E-05	0.1063	0.40374
5mo_SIGAD9	0.00461244	0.04826739	5.52E-05	0.0090922	0.24903
5mo_SIGAD9	0.06026105	0.5902576	0.00011462	0.098526	-0.36038
5mo_SIGAD9	0.06568604	0.64309436	0.00011925	0.093659	-0.62617
5mo_SIGAD9	0.01538269	0.15316437	6.51E-05	0.022546	0.24275
5mo_SIGAD9	0.06472255	0.63371044	0.00011843	0.096001	-0.57526
5mo_SIGAD9	0.07112367	0.69605416	0.00012331	0.075804	-0.88959
5mo_SIGAD9	0.04465465	0.43825898	9.89E-05	0.10421	0.19178
5mo_SIGAD9	0.0417272	0.409747	9.58E-05	0.10896	0.27003
5mo_SIGAD9	0.00968182	0.09764065	5.95E-05	0.014213	0.11014
5mo_SIGAD9	0.05833357	0.5714849	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.04950005	0.48545077	0.00010417	0.094268	0.052555
5mo_SIGAD9	0.0847704	0.82896674	0.00013105	0.053002	-1.2841
5mo_SIGAD9	0.04593506	0.45072952	0.00010046	0.10111	0.1553
5mo_SIGAD9	0.06761123	0.66184473	0.00012084	0.087573	-0.72756
5mo_SIGAD9	0.06407268	0.62738097	0.00011815	0.096641	-0.54144
5mo_SIGAD9	0.06080626	0.5955677	0.00011523	0.098828	-0.39249
5mo_SIGAD9	0.05644541	0.5530951	0.00011111	0.094909	-0.19309
5mo_SIGAD9	0.06292023	0.6161567	0.00011701	0.098387	-0.49111
5mo_SIGAD9	0.02203805	0.2179843	7.22E-05	0.03647	0.62396
5mo_SIGAD9	0.05291964	0.51875585	0.00010773	0.092257	-0.059017
5mo_SIGAD9	0.04053362	0.3981221	9.42E-05	0.10978	0.31414
5mo_SIGAD9	0.05671276	0.555699	0.00011144	0.095284	-0.20754
5mo_SIGAD9	0.03373199	0.33187762	8.61E-05	0.088522	0.58656
5mo_SIGAD9	0.06310041	0.6179115	0.0001173	0.098072	-0.49111
5mo_SIGAD9	0.01169897	0.1172867	6.14E-05	0.016833	0.11542
5mo_SIGAD9	0.01513359	0.15073824	6.47E-05	0.021973	0.22576
5mo_SIGAD9	0.04878156	0.47845298	0.00010344	0.095375	0.072211
5mo_SIGAD9	0.04291676	0.42133272	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.05021022	0.4923675	0.0001049	0.093366	0.032151
5mo_SIGAD9	0.08960319	0.87603563	0.000133	0.052606	-1.3264
5mo_SIGAD9	0.05980955	0.58586025	0.00011431	0.098311	-0.3445
5mo_SIGAD9	0.0637844	0.6245733	0.00011787	0.097201	-0.5246
5mo_SIGAD9	0.03049379	0.3003391	8.23E-05	0.07157	0.71698
5mo_SIGAD9	0.02861809	0.2820707	7.99E-05	0.060913	0.75723
5mo_SIGAD9	0.07437024	0.7276742	0.00012556	0.06525	-1.0201
5mo_SIGAD9	0.0639308	0.62599915	0.00011787	0.097201	-0.54144
5mo_SIGAD9	0.07342306	0.7184491	0.00012491	0.068128	-0.99278
5mo_SIGAD9	0.06943227	0.67958075	0.00012211	0.081739	-0.81017
5mo_SIGAD9	0.05090876	0.49917087	0.00010561	0.092703	0.010852
5mo_SIGAD9	0.06415246	0.62815803	0.00011815	0.096641	-0.54144
5mo_SIGAD9	0.07194648	0.70406795	0.00012401	0.07238	-0.92016
5mo_SIGAD9	0.07392873	0.7233741	0.00012513	0.067136	-1.0066
5mo_SIGAD9	0.03675918	0.36136097	8.98E-05	0.10298	0.46289

5mo_SIGAD9	0.07594296	0.74299175	0.0001264	0.06191	-1.0832
5mo_SIGAD9	0.06671986	0.65316325	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.06687266	0.6546514	0.00012032	0.089759	-0.67704
5mo_SIGAD9	0.0649347	0.6357767	0.00011871	0.095287	-0.59222
5mo_SIGAD9	0.05977335	0.5855076	0.00011431	0.098311	-0.3445
5mo_SIGAD9	0.06825984	0.6681619	0.00012136	0.085284	-0.74427
5mo_SIGAD9	0.06620889	0.6481867	0.00011979	0.091802	-0.64315
5mo_SIGAD9	0.00934059	0.09431727	5.92E-05	0.013809	0.11326
5mo_SIGAD9	0.00784772	0.07977743	5.81E-05	0.012286	0.13577
5mo_SIGAD9	0.03061064	0.30147713	8.23E-05	0.07157	0.71698
5mo_SIGAD9	0.06294196	0.61636835	0.00011701	0.098387	-0.49111
5mo_SIGAD9	0.06924159	0.6777237	0.00012211	0.081739	-0.79386
5mo_SIGAD9	0.0615367	0.60268176	0.00011583	0.09893	-0.42501
5mo_SIGAD9	0.07303248	0.71464515	0.00012469	0.069151	-0.96444
5mo_SIGAD9	0.07834112	0.7663486	0.00012778	0.057615	-1.1573
5mo_SIGAD9	0.07375037	0.72163695	0.00012513	0.067136	-0.99278
5mo_SIGAD9	0.07406712	0.7247219	0.00012534	0.066176	-1.0066
5mo_SIGAD9	0.08827153	0.86306596	0.00013248	0.05264	-1.3176
5mo_SIGAD9	0.05472246	0.5363145	0.00010944	0.093233	-0.12355
5mo_SIGAD9	0.03006561	0.29616886	8.19E-05	0.069725	0.72675
5mo_SIGAD9	0.03101118	0.30537826	8.28E-05	0.073435	0.69526
5mo_SIGAD9	0.06626653	0.64874804	0.00011979	0.091802	-0.66011
5mo_SIGAD9	0.06082041	0.5957055	0.00011523	0.098828	-0.39249
5mo_SIGAD9	0.07366911	0.7208455	0.00012513	0.067136	-0.99278
5mo_SIGAD9	0.03679584	0.36171794	8.98E-05	0.10298	0.4477
5mo_SIGAD9	0.00209279	0.02372723	5.34E-05	0.0073266	0.36099
5mo_SIGAD9	0.06065938	0.5941372	0.00011523	0.098828	-0.37638
5mo_SIGAD9	0.00979843	0.09877645	5.98E-05	0.014626	0.1081
5mo_SIGAD9	0.04745536	0.46553648	0.00010197	0.098057	0.10986
5mo_SIGAD9	0.06939427	0.67921066	0.00012211	0.081739	-0.81017
5mo_SIGAD9	0.00761107	0.07747261	5.78E-05	0.011928	0.14372
5mo_SIGAD9	0.02351691	0.23238772	7.38E-05	0.040447	0.70349
5mo_SIGAD9	0.06030542	0.5906897	0.00011492	0.0987	-0.36038
5mo_SIGAD9	0.0688991	0.674388	0.00012186	0.08293	-0.77743
5mo_SIGAD9	0.07707579	0.754025	0.000127	0.059827	-1.117
5mo_SIGAD9	0.05285756	0.5181513	0.00010773	0.092257	-0.046772
5mo_SIGAD9	0.06919079	0.6772289	0.00012186	0.08293	-0.79386
5mo_SIGAD9	0.06572894	0.6435122	0.00011925	0.093659	-0.62617
5mo_SIGAD9	0.05108871	0.5009235	0.00010597	0.092472	0.010852
5mo_SIGAD9	0.06166872	0.6039676	0.00011613	0.098894	-0.42501
5mo_SIGAD9	0.04517641	0.44334066	9.97E-05	0.10268	0.17344
5mo_SIGAD9	0.02624426	0.2589508	7.70E-05	0.050154	0.76965
5mo_SIGAD9	0.03427893	0.33720446	8.69E-05	0.09213	0.57137
5mo_SIGAD9	0.04351394	0.42714897	9.78E-05	0.10633	0.21998
5mo_SIGAD9	0.07543995	0.7380926	0.00012619	0.062687	-1.0589
5mo_SIGAD9	0.06581689	0.6443687	0.00011953	0.092756	-0.62617

5mo_SIGAD9	0.02963881	0.29201198	8.11E-05	0.066108	0.7357
5mo_SIGAD9	0.06664661	0.65244985	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.07869013	0.7697478	0.00012797	0.057152	-1.1666
5mo_SIGAD9	0.04282834	0.42047158	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.06587789	0.6449629	0.00011953	0.092756	-0.62617
5mo_SIGAD9	0.05990777	0.58681685	0.00011431	0.098311	-0.3445
5mo_SIGAD9	0.07523238	0.73607105	0.00012598	0.063504	-1.0589
5mo_SIGAD9	0.05017648	0.49203888	0.0001049	0.093366	0.032151
5mo_SIGAD9	0.05897021	0.5776854	0.00011368	0.097776	-0.29758
5mo_SIGAD9	0.01202283	0.12044098	6.17E-05	0.017303	0.12065
5mo_SIGAD9	0.02407805	0.23785293	7.46E-05	0.042633	0.71639
5mo_SIGAD9	0.04862883	0.47696546	0.00010344	0.095375	0.081803
5mo_SIGAD9	0.05180382	0.5078883	0.00010668	0.092211	-0.011455
5mo_SIGAD9	0.04636557	0.4549225	0.00010084	0.10033	0.14626
5mo_SIGAD9	0.0519518	0.50932956	0.00010668	0.092211	-0.022986
5mo_SIGAD9	0.064587	0.6323902	0.00011843	0.096001	-0.57526
5mo_SIGAD9	0.09033883	0.8832005	0.00013325	0.052587	-1.3301
5mo_SIGAD9	0.05969608	0.58475506	0.00011431	0.098311	-0.32873
5mo_SIGAD9	0.07577126	0.7413194	0.0001264	0.06191	-1.0712
5mo_SIGAD9	0.02899115	0.28570414	8.03E-05	0.062611	0.751
5mo_SIGAD9	0.08084372	0.7907228	0.00012907	0.054994	-1.2155
5mo_SIGAD9	0.0469364	0.46048203	0.00010159	0.098799	0.12814
5mo_SIGAD9	0.05233494	0.51306117	0.00010703	0.092172	-0.03476
5mo_SIGAD9	0.06602757	0.64642066	0.00011953	0.092756	-0.64315
5mo_SIGAD9	0.06167711	0.6040493	0.00011613	0.098894	-0.42501
5mo_SIGAD9	0.09212201	0.90056777	0.00013385	0.052525	-1.3372
5mo_SIGAD9	0.00944665	0.09535021	5.95E-05	0.014213	0.11014
5mo_SIGAD9	0.026468	0.26112986	7.74E-05	0.051562	0.76965
5mo_SIGAD9	0.07430825	0.72707045	0.00012534	0.066176	-1.0201
5mo_SIGAD9	0.08131343	0.7952975	0.00012942	0.054478	-1.2295
5mo_SIGAD9	0.07665421	0.749919	0.0001268	0.060479	-1.1061
5mo_SIGAD9	0.05746147	0.562991	0.00011209	0.096042	-0.23694
5mo_SIGAD9	0.01721582	0.17101817	6.69E-05	0.025607	0.33781
5mo_SIGAD9	0.0115392	0.11573064	6.14E-05	0.016833	0.11542
5mo_SIGAD9	0.04091393	0.4018261	9.46E-05	0.10971	0.29155
5mo_SIGAD9	0.08119576	0.7941515	0.00012924	0.054725	-1.2227
5mo_SIGAD9	0.01396344	0.13934155	6.37E-05	0.020323	0.18023
5mo_SIGAD9	0.0607101	0.59463114	0.00011523	0.098828	-0.37638
5mo_SIGAD9	0.07389787	0.72307354	0.00012513	0.067136	-1.0066
5mo_SIGAD9	0.03285314	0.32331797	8.52E-05	0.084798	0.6305
5mo_SIGAD9	0.02399863	0.23707944	7.46E-05	0.042633	0.71639
5mo_SIGAD9	0.02982084	0.29378486	8.15E-05	0.067903	0.7357
5mo_SIGAD9	0.06776587	0.6633509	0.00012084	0.087573	-0.72756
5mo_SIGAD9	0.05979983	0.58576554	0.00011431	0.098311	-0.3445
5mo_SIGAD9	0.05503651	0.5393731	0.00010978	0.093528	-0.13708
5mo_SIGAD9	0.0810414	0.7926481	0.00012924	0.054725	-1.2227

5mo_SIGAD9	0.06242556	0.6113389	0.00011672	0.098627	-0.4579
5mo_SIGAD9	0.0433499	0.42555135	9.74E-05	0.10696	0.21998
5mo_SIGAD9	0.10198823	0.99665993	0.00013681	0.051897	-1.341
5mo_SIGAD9	0.04321311	0.42421907	9.74E-05	0.10696	0.22964
5mo_SIGAD9	0.01560194	0.15529981	6.51E-05	0.022546	0.26052
5mo_SIGAD9	0.05454022	0.5345395	0.00010944	0.093233	-0.11022
5mo_SIGAD9	0.04780431	0.4689351	0.00010234	0.09734	0.10061
5mo_SIGAD9	0.05729481	0.56136787	0.00011209	0.096042	-0.22216
5mo_SIGAD9	0.07439745	0.72793925	0.00012556	0.06525	-1.0201
5mo_SIGAD9	0.04005057	0.39341745	9.38E-05	0.10975	0.32588
5mo_SIGAD9	0.05373008	0.5266491	0.00010842	0.092532	-0.084185
5mo_SIGAD9	0.03125415	0.30774462	8.32E-05	0.075317	0.69526
5mo_SIGAD9	0.0202087	0.20016739	7.02E-05	0.032119	0.52662
5mo_SIGAD9	0.06677962	0.6537453	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.06784799	0.66415066	0.0001211	0.086439	-0.72756
5mo_SIGAD9	0.06061901	0.5937439	0.00011523	0.098828	-0.37638
5mo_SIGAD9	0.08539575	0.83505726	0.00013135	0.05287	-1.2923
5mo_SIGAD9	0.03277128	0.3225207	8.48E-05	0.082909	0.6305
5mo_SIGAD9	0.06711764	0.65703744	0.00012032	0.089759	-0.69393
5mo_SIGAD9	0.0478006	0.46889892	0.00010234	0.09734	0.10061
5mo_SIGAD9	0.02763841	0.2725291	7.86E-05	0.05605	0.76966
5mo_SIGAD9	0.05229982	0.51271915	0.00010703	0.092172	-0.03476
5mo_SIGAD9	0.05576746	0.5464923	0.00011045	0.094186	-0.16472
5mo_SIGAD9	0.03429688	0.33737934	8.69E-05	0.09213	0.57137
5mo_SIGAD9	0.06043556	0.5919573	0.00011492	0.0987	-0.37638
5mo_SIGAD9	0.02143181	0.21207987	7.14E-05	0.034655	0.6056
5mo_SIGAD9	0.05380322	0.52736145	0.00010876	0.092731	-0.084185
5mo_SIGAD9	0.02483691	0.24524383	7.54E-05	0.044969	0.74769
5mo_SIGAD9	0.07491088	0.7329398	0.00012577	0.064358	-1.0462
5mo_SIGAD9	0.0444428	0.43619558	9.86E-05	0.10494	0.19178
5mo_SIGAD9	0.02650342	0.26147485	7.74E-05	0.051562	0.76965
5mo_SIGAD9	0.06356767	0.62246245	0.00011758	0.097678	-0.5246
5mo_SIGAD9	0.03153682	0.3104977	8.36E-05	0.07721	0.6834
5mo_SIGAD9	0.0091688	0.09264414	5.92E-05	0.013809	0.11326
5mo_SIGAD9	0.08920077	0.87211627	0.00013288	0.052615	-1.3244
5mo_SIGAD9	0.08227521	0.8046648	0.00012993	0.053861	-1.2424
5mo_SIGAD9	0.05450615	0.5342077	0.00010944	0.093233	-0.11022
5mo_SIGAD9	0.06675004	0.65345716	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.05454724	0.5346078	0.00010944	0.093233	-0.11022
5mo_SIGAD9	0.06208795	0.60805076	0.00011642	0.098794	-0.44141
5mo_SIGAD9	0.06376395	0.62437415	0.00011787	0.097201	-0.5246
5mo_SIGAD9	0.06330642	0.61991805	0.0001173	0.098072	-0.50782
5mo_SIGAD9	0.07198928	0.7044849	0.00012401	0.07238	-0.92016
5mo_SIGAD9	0.02426548	0.23967837	7.50E-05	0.043782	0.72811
5mo_SIGAD9	0.00844111	0.08555675	5.86E-05	0.013029	0.12259
5mo_SIGAD9	0.04116579	0.40427914	9.50E-05	0.10955	0.29155

5mo_SIGAD9	0.01891975	0.18761364	6.87E-05	0.029043	0.44251
5mo_SIGAD9	0.04780068	0.46889973	0.00010234	0.09734	0.10061
5mo_SIGAD9	0.03119218	0.30714107	8.32E-05	0.075317	0.69526
5mo_SIGAD9	0.05377559	0.5270924	0.00010876	0.092731	-0.084185
5mo_SIGAD9	0.05830544	0.5712109	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.0078474	0.07977437	5.81E-05	0.012286	0.13577
5mo_SIGAD9	0.0642894	0.62949175	0.00011815	0.096641	-0.55833
5mo_SIGAD9	0.04505564	0.44216442	9.93E-05	0.10345	0.17344
5mo_SIGAD9	0.05344873	0.5239089	0.00010842	0.092532	-0.07149
5mo_SIGAD9	0.0216343	0.21405199	7.18E-05	0.035549	0.6056
5mo_SIGAD9	0.05596269	0.54839367	0.00011078	0.094541	-0.17881
5mo_SIGAD9	0.05883819	0.5763996	0.00011337	0.097465	-0.29758
5mo_SIGAD9	0.06585991	0.6447877	0.00011953	0.092756	-0.62617
5mo_SIGAD9	0.01507629	0.15018022	6.47E-05	0.021973	0.22576
5mo_SIGAD9	0.06366853	0.62344474	0.00011758	0.097678	-0.5246
5mo_SIGAD9	0.02887314	0.28455478	8.03E-05	0.062611	0.75723
5mo_SIGAD9	0.06261456	0.6131796	0.00011672	0.098627	-0.47447
5mo_SIGAD9	0.05577171	0.54653364	0.00011045	0.094186	-0.16472
5mo_SIGAD9	0.04959027	0.48632947	0.00010417	0.094268	0.052555
5mo_SIGAD9	0.00610076	0.0627629	5.66E-05	0.010584	0.18365
5mo_SIGAD9	0.08586746	0.83965147	0.0001315	0.052818	-1.2961
5mo_SIGAD9	0.04156999	0.40821582	9.54E-05	0.10929	0.28067
5mo_SIGAD9	0.00112202	0.01427245	5.26E-05	0.0066742	0.41342
5mo_SIGAD9	0.05784293	0.56670624	0.00011241	0.096416	-0.25188
5mo_SIGAD9	0.0707421	0.69233793	0.00012308	0.076976	-0.87403
5mo_SIGAD9	0.06258643	0.6129056	0.00011672	0.098627	-0.47447
5mo_SIGAD9	0.06867515	0.6722069	0.00012161	0.084113	-0.77743
5mo_SIGAD9	0.05203737	0.510163	0.00010703	0.092172	-0.022986
5mo_SIGAD9	0.06321447	0.6190225	0.0001173	0.098072	-0.50782
5mo_SIGAD9	0.04468824	0.43858606	9.89E-05	0.10421	0.18258
5mo_SIGAD9	0.03894386	0.3826387	9.22E-05	0.10852	0.36311
5mo_SIGAD9	0.06006335	0.58833206	0.00011462	0.098526	-0.3445
5mo_SIGAD9	0.08590214	0.83998924	0.0001315	0.052818	-1.2961
5mo_SIGAD9	0.07444426	0.72839516	0.00012556	0.06525	-1.0333
5mo_SIGAD9	0.02934653	0.28916535	8.07E-05	0.064343	0.7438
5mo_SIGAD9	0.06736623	0.6594586	0.00012058	0.088682	-0.71078
5mo_SIGAD9	0.04650535	0.4562838	0.00010084	0.10033	0.13721
5mo_SIGAD9	0.00480159	0.05010967	5.55E-05	0.0093744	0.23478
5mo_SIGAD9	0.00926161	0.09354805	5.92E-05	0.013809	0.11326
5mo_SIGAD9	0.068205	0.6676278	0.00012136	0.085284	-0.74427
5mo_SIGAD9	0.00990447	0.09980914	5.98E-05	0.014626	0.1081
5mo_SIGAD9	0.04435259	0.435317	9.86E-05	0.10494	0.19178
5mo_SIGAD9	0.04530698	0.44461235	9.97E-05	0.10268	0.17344
5mo_SIGAD9	0.05683204	0.5568607	0.00011177	0.095663	-0.20754
5mo_SIGAD9	0.01329656	0.13284652	6.30E-05	0.019276	0.15521
5mo_SIGAD9	0.08414013	0.8228282	0.00013074	0.053178	-1.2751

5mo_SIGAD9	0.0373629	0.36724085	9.06E-05	0.10531	0.43275
5mo_SIGAD9	0.06417332	0.62836117	0.00011815	0.096641	-0.55833
5mo_SIGAD9	0.07261125	0.7105425	0.00012424	0.071279	-0.9499
5mo_SIGAD9	0.04935148	0.48400372	0.00010417	0.094268	0.062467
5mo_SIGAD9	0.05408729	0.53012824	0.0001091	0.092966	-0.097097
5mo_SIGAD9	0.01386598	0.13839239	6.34E-05	0.019794	0.18023
5mo_SIGAD9	0.04926451	0.48315674	0.00010381	0.094798	0.062467
5mo_SIGAD9	0.01579009	0.15713225	6.54E-05	0.023132	0.26052
5mo_SIGAD9	0.01420169	0.141662	6.37E-05	0.020323	0.18023
5mo_SIGAD9	0.06304511	0.61737293	0.0001173	0.098072	-0.49111
5mo_SIGAD9	0.0428294	0.42048192	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.07213556	0.70590955	0.00012401	0.07238	-0.93514
5mo_SIGAD9	0.02082598	0.2061794	7.10E-05	0.033786	0.56707
5mo_SIGAD9	0.04501934	0.44181085	9.93E-05	0.10345	0.17344
5mo_SIGAD9	0.08397476	0.8212175	0.00013074	0.053178	-1.2702
5mo_SIGAD9	0.05673421	0.5559079	0.00011144	0.095284	-0.20754
5mo_SIGAD9	0.05255751	0.51522887	0.00010738	0.092189	-0.046772
5mo_SIGAD9	0.03375681	0.3321193	8.61E-05	0.088522	0.58656
5mo_SIGAD9	0.03929844	0.38609207	9.26E-05	0.10901	0.35035
5mo_SIGAD9	0.05239052	0.51360244	0.00010738	0.092189	-0.03476
5mo_SIGAD9	0.04340939	0.4261307	9.74E-05	0.10696	0.21998
5mo_SIGAD9	0.05160379	0.5059402	0.00010632	0.092309	-0.011455
5mo_SIGAD9	0.05990723	0.58681154	0.00011431	0.098311	-0.3445
5mo_SIGAD9	0.07196319	0.7042307	0.00012401	0.07238	-0.92016
5mo_SIGAD9	0.05246508	0.51432866	0.00010738	0.092189	-0.03476
5mo_SIGAD9	0.07440744	0.72803646	0.00012556	0.06525	-1.0201
5mo_SIGAD9	0.07285321	0.7128991	0.00012446	0.070202	-0.96444
5mo_SIGAD9	0.03699019	0.36361083	9.02E-05	0.1042	0.4477
5mo_SIGAD9	0.06877814	0.67320985	0.00012161	0.084113	-0.77743
5mo_SIGAD9	0.05075949	0.49771714	0.00010561	0.092703	0.021622
5mo_SIGAD9	0.06013002	0.58898145	0.00011462	0.098526	-0.36038
5mo_SIGAD9	0.01504819	0.14990649	6.47E-05	0.021973	0.22576
5mo_SIGAD9	0.03287543	0.32353505	8.52E-05	0.084798	0.6305
5mo_SIGAD9	0.0349409	0.34365174	8.77E-05	0.095565	0.54051
5mo_SIGAD9	0.04734653	0.4644765	0.00010197	0.098057	0.11903
5mo_SIGAD9	0.00709968	0.07249189	5.75E-05	0.011579	0.15252
5mo_SIGAD9	0.08101134	0.7923553	0.00012924	0.054725	-1.2227
5mo_SIGAD9	0.07223089	0.706838	0.00012401	0.07238	-0.93514
5mo_SIGAD9	0.03264957	0.32133538	8.48E-05	0.082909	0.64444
5mo_SIGAD9	0.03688901	0.3626254	8.98E-05	0.10298	0.4477
5mo_SIGAD9	0.02331673	0.23043801	7.38E-05	0.040447	0.68948
5mo_SIGAD9	0.08755564	0.8560935	0.00013221	0.052667	-1.3123
5mo_SIGAD9	0.03892883	0.38249227	9.22E-05	0.10852	0.36311
5mo_SIGAD9	0.00940871	0.09498068	5.92E-05	0.013809	0.11326
5mo_SIGAD9	0.05204346	0.5102223	0.00010703	0.092172	-0.022986
5mo_SIGAD9	0.04735467	0.46455583	0.00010197	0.098057	0.11903

5mo_SIGAD9	0.04616658	0.45298442	0.00010046	0.10111	0.14626
5mo_SIGAD9	0.05631062	0.5517823	0.00011111	0.094909	-0.19309
5mo_SIGAD9	0.03842773	0.37761182	9.18E-05	0.10791	0.38979
5mo_SIGAD9	0.06473347	0.6338168	0.00011871	0.095287	-0.57526
5mo_SIGAD9	0.04129445	0.4055322	9.50E-05	0.10955	0.28067
5mo_SIGAD9	0.07736232	0.7568156	0.0001272	0.059217	-1.1276
5mo_SIGAD9	0.01231721	0.12330807	6.21E-05	0.017782	0.12723
5mo_SIGAD9	0.02971607	0.2927645	8.15E-05	0.067903	0.7357
5mo_SIGAD9	0.03195394	0.31456023	8.40E-05	0.07911	0.67094
5mo_SIGAD9	0.07039665	0.68897337	0.00012284	0.078159	-0.8583
5mo_SIGAD9	0.05167217	0.50660616	0.00010632	0.092309	-0.011455
5mo_SIGAD9	0.03294289	0.3241921	8.52E-05	0.084798	0.6305
5mo_SIGAD9	0.07200404	0.7046286	0.00012401	0.07238	-0.92016
5mo_SIGAD9	0.07056407	0.690604	0.00012284	0.078159	-0.8583
5mo_SIGAD9	0.03071121	0.30245662	8.23E-05	0.07157	0.70647
5mo_SIGAD9	0.04597772	0.45114502	0.00010046	0.10111	0.1553
5mo_SIGAD9	0.08526656	0.83379906	0.0001312	0.05293	-1.2883
5mo_SIGAD9	0.0637372	0.6241136	0.00011787	0.097201	-0.5246
5mo_SIGAD9	0.06761984	0.6619286	0.00012084	0.087573	-0.72756
5mo_SIGAD9	0.04244163	0.41670516	9.66E-05	0.10808	0.24945
5mo_SIGAD9	0.0733131	0.7173782	0.00012469	0.069151	-0.97873
5mo_SIGAD9	0.02566158	0.25327575	7.66E-05	0.04879	0.7616
5mo_SIGAD9	0.05737752	0.5621734	0.00011209	0.096042	-0.23694
5mo_SIGAD9	0.05993343	0.5870667	0.00011462	0.098526	-0.3445
5mo_SIGAD9	0.04447291	0.43648884	9.89E-05	0.10421	0.19178
5mo_SIGAD9	0.0582201	0.57037973	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.0178238	0.17693959	6.76E-05	0.026932	0.37908
5mo_SIGAD9	0.00907671	0.0917472	5.89E-05	0.013414	0.11326
5mo_SIGAD9	0.06356259	0.622413	0.00011758	0.097678	-0.5246
5mo_SIGAD9	0.06809221	0.66652924	0.0001211	0.086439	-0.74427
5mo_SIGAD9	0.05394232	0.5287162	0.00010876	0.092731	-0.097097
5mo_SIGAD9	0.00772279	0.07856067	5.78E-05	0.011928	0.13577
5mo_SIGAD9	0.01144864	0.11484861	6.11E-05	0.016373	0.1115
5mo_SIGAD9	0.0884746	0.8650438	0.00013261	0.052631	-1.32
5mo_SIGAD9	0.03948437	0.38790298	9.30E-05	0.10937	0.35035
5mo_SIGAD9	0.06370112	0.6237622	0.00011787	0.097201	-0.5246
5mo_SIGAD9	0.05765811	0.56490624	0.00011241	0.096416	-0.23694
5mo_SIGAD9	0.0787748	0.7705724	0.00012797	0.057152	-1.1666
5mo_SIGAD9	0.07260032	0.71043605	0.00012424	0.071279	-0.9499
5mo_SIGAD9	0.06908032	0.676153	0.00012186	0.08293	-0.79386
5mo_SIGAD9	0.01259529	0.12601647	6.24E-05	0.018271	0.13519
5mo_SIGAD9	0.03343776	0.32901192	8.57E-05	0.086671	0.60151
5mo_SIGAD9	0.06803393	0.6659616	0.0001211	0.086439	-0.74427
5mo_SIGAD9	0.01150625	0.11540974	6.14E-05	0.016833	0.11542
5mo_SIGAD9	0.07619501	0.74544656	0.0001266	0.061174	-1.0948
5mo_SIGAD9	0.0423377	0.41569296	9.62E-05	0.10856	0.24945

5mo_SIGAD9	0.03847099	0.37803313	9.18E-05	0.10791	0.38979
5mo_SIGAD9	0.04706391	0.46172395	0.00010159	0.098799	0.11903
5mo_SIGAD9	0.02254163	0.22288892	7.30E-05	0.038397	0.65846
5mo_SIGAD9	0.07037164	0.6887298	0.00012284	0.078159	-0.8583
5mo_SIGAD9	0.02061688	0.2041428	7.06E-05	0.032941	0.54704
5mo_SIGAD9	0.00797223	0.0809901	5.81E-05	0.012286	0.13577
5mo_SIGAD9	0.08545619	0.8356459	0.00013135	0.05287	-1.2923
5mo_SIGAD9	0.04054339	0.39821726	9.42E-05	0.10978	0.31414
5mo_SIGAD9	0.02247829	0.22227208	7.26E-05	0.037419	0.65846
5mo_SIGAD9	0.05833794	0.5715274	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.04399927	0.43187588	9.82E-05	0.10565	0.20107
5mo_SIGAD9	0.02319028	0.22920647	7.38E-05	0.040447	0.68948
5mo_SIGAD9	0.02137093	0.21148695	7.14E-05	0.034655	0.58661
5mo_SIGAD9	0.07838167	0.76674354	0.00012778	0.057615	-1.1573
5mo_SIGAD9	0.08011157	0.783592	0.00012871	0.055605	-1.2004
5mo_SIGAD9	0.06097353	0.5971968	0.00011553	0.098907	-0.39249
5mo_SIGAD9	0.02105429	0.20840298	7.10E-05	0.033786	0.58661
5mo_SIGAD9	0.06709784	0.65684456	0.00012032	0.089759	-0.69393
5mo_SIGAD9	0.00866989	0.08778495	5.86E-05	0.013029	0.12259
5mo_SIGAD9	0.00228246	0.0255745	5.36E-05	0.0075574	0.34395
5mo_SIGAD9	0.03339584	0.32860366	8.57E-05	0.086671	0.60151
5mo_SIGAD9	0.05299577	0.51949733	0.00010773	0.092257	-0.059017
5mo_SIGAD9	0.04758356	0.4667851	0.00010234	0.09734	0.10986
5mo_SIGAD9	0.06526075	0.6389522	0.00011898	0.094504	-0.60919
5mo_SIGAD9	0.0831319	0.8130085	0.00013026	0.053541	-1.2598
5mo_SIGAD9	0.07533213	0.73704255	0.00012598	0.063504	-1.0589
5mo_SIGAD9	0.01773963	0.17611979	6.76E-05	0.026932	0.37908
5mo_SIGAD9	0.01492455	0.14870232	6.44E-05	0.021412	0.22576
5mo_SIGAD9	0.00741671	0.07557963	5.78E-05	0.011928	0.14372
5mo_SIGAD9	0.044501	0.43676245	9.89E-05	0.10421	0.19178
5mo_SIGAD9	0.05423775	0.5315936	0.0001091	0.092966	-0.097097
5mo_SIGAD9	0.04054892	0.3982711	9.42E-05	0.10978	0.31414
5mo_SIGAD9	0.00931706	0.09408809	5.92E-05	0.013809	0.11326
5mo_SIGAD9	0.06617035	0.6478113	0.00011979	0.091802	-0.64315
5mo_SIGAD9	0.06845258	0.6700391	0.00012136	0.085284	-0.7609
5mo_SIGAD9	0.01450337	0.14460023	6.41E-05	0.020862	0.19442
5mo_SIGAD9	0.05854769	0.5735703	0.00011305	0.097132	-0.2822
5mo_SIGAD9	0.05641952	0.552843	0.00011111	0.094909	-0.19309
5mo_SIGAD9	0.07442122	0.72817075	0.00012556	0.06525	-1.0201
5mo_SIGAD9	0.07844848	0.7673943	0.00012778	0.057615	-1.1573
5mo_SIGAD9	0.04908552	0.48141345	0.00010381	0.094798	0.072211
5mo_SIGAD9	0.07328161	0.7170715	0.00012469	0.069151	-0.97873
5mo_SIGAD9	0.0432103	0.42419168	9.74E-05	0.10696	0.22964
5mo_SIGAD9	0.01376128	0.13737267	6.34E-05	0.019794	0.16714
5mo_SIGAD9	0.0551573	0.54054964	0.00011011	0.093847	-0.13708
5mo_SIGAD9	0.02150266	0.21276991	7.18E-05	0.035549	0.6056

5mo_SIGAD9	0.07804957	0.7635091	0.00012759	0.058113	-1.1478
5mo_SIGAD9	0.05543465	0.54325086	0.00011011	0.093847	-0.1508
5mo_SIGAD9	0.06096273	0.5970916	0.00011553	0.098907	-0.39249
5mo_SIGAD9	0.01219057	0.12207466	6.17E-05	0.017303	0.12723
5mo_SIGAD9	0.03532382	0.3473812	8.81E-05	0.097198	0.52494
5mo_SIGAD9	0.06509747	0.63736194	0.00011898	0.094504	-0.59222
5mo_SIGAD9	0.01642218	0.16328844	6.62E-05	0.024342	0.29808
5mo_SIGAD9	0.04093365	0.40201825	9.46E-05	0.10971	0.29155
5mo_SIGAD9	0.01314404	0.13136098	6.27E-05	0.018769	0.14454
5mo_SIGAD9	0.02735576	0.26977625	7.86E-05	0.05605	0.77153
5mo_SIGAD9	0.02135934	0.21137401	7.14E-05	0.034655	0.58661
5mo_SIGAD9	0.06247005	0.61177224	0.00011672	0.098627	-0.47447
5mo_SIGAD9	0.02906615	0.2864346	8.07E-05	0.064343	0.751
5mo_SIGAD9	0.03269015	0.32173055	8.48E-05	0.082909	0.6305
5mo_SIGAD9	0.04718667	0.46291953	0.00010159	0.098799	0.11903
5mo_SIGAD9	0.06416653	0.62829506	0.00011815	0.096641	-0.54144
5mo_SIGAD9	0.09325422	0.91159487	0.00013431	0.052462	-1.3401
5mo_SIGAD9	0.06794461	0.6650917	0.0001211	0.086439	-0.74427
5mo_SIGAD9	0.04318722	0.42396685	9.74E-05	0.10696	0.22964
5mo_SIGAD9	0.05578365	0.54664993	0.00011045	0.094186	-0.16472
5mo_SIGAD9	0.07150886	0.69980574	0.00012355	0.074645	-0.90497
5mo_SIGAD9	0.06431691	0.62975967	0.00011815	0.096641	-0.55833
5mo_SIGAD9	0.03420925	0.33652583	8.69E-05	0.09213	0.57137
5mo_SIGAD9	0.04253172	0.41758266	9.66E-05	0.10808	0.24945
5mo_SIGAD9	0.06083324	0.59583044	0.00011523	0.098828	-0.39249
5mo_SIGAD9	0.00074865	0.01063597	5.23E-05	0.0064696	0.43121
5mo_SIGAD9	0.0428838	0.42101172	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.06226803	0.6098046	0.00011642	0.098794	-0.4579
5mo_SIGAD9	0.019477	0.1930409	6.95E-05	0.030541	0.48489
5mo_SIGAD9	0.07351413	0.71933615	0.00012491	0.068128	-0.99278
5mo_SIGAD9	0.02532312	0.24997929	7.62E-05	0.047472	0.75539
5mo_SIGAD9	0.04106141	0.40326253	9.50E-05	0.10955	0.29155
5mo_SIGAD9	0.03727494	0.36638415	9.06E-05	0.10531	0.43275
5mo_SIGAD9	0.06608065	0.64693767	0.00011953	0.092756	-0.64315
5mo_SIGAD9	0.0302271	0.2977417	8.19E-05	0.069725	0.72675
5mo_SIGAD9	0.05716286	0.5600828	0.00011177	0.095663	-0.22216
5mo_SIGAD9	0.05826271	0.57079476	0.00011305	0.097132	-0.26697
5mo_SIGAD9	0.06667785	0.65275407	0.00012006	0.090801	-0.67704
5mo_SIGAD9	0.06548775	0.6411631	0.00011925	0.093659	-0.60919
5mo_SIGAD9	0.06181937	0.6054349	0.00011613	0.098894	-0.44141
5mo_SIGAD9	0.05930423	0.58093864	0.000114	0.098059	-0.31309
5mo_SIGAD9	0.0122282	0.12244115	6.21E-05	0.017782	0.12723
5mo_SIGAD9	0.04571834	0.44861877	0.00010009	0.1019	0.1553
5mo_SIGAD9	0.06416576	0.62828755	0.00011815	0.096641	-0.54144
5mo_SIGAD9	0.03263294	0.32117334	8.48E-05	0.082909	0.64444
5mo_SIGAD9	0.04302185	0.4223563	9.70E-05	0.10755	0.22964

5mo_SIGAD9	0.00613426	0.06308916	5.66E-05	0.010584	0.18365
5mo_SIGAD9	0.0470359	0.46145117	0.00010159	0.098799	0.12814
5mo_SIGAD9	0.06009954	0.58868456	0.00011462	0.098526	-0.36038
5mo_SIGAD9	0.01765991	0.17534341	6.72E-05	0.026262	0.37908
5mo_SIGAD9	0.02774484	0.27356565	7.90E-05	0.057632	0.76966
5mo_SIGAD9	0.0428659	0.42083734	9.70E-05	0.10755	0.23945
5mo_SIGAD9	0.06041265	0.5917341	0.00011492	0.0987	-0.37638
5mo_SIGAD9	0.09303515	0.9094613	0.00013419	0.052478	-1.3401
5mo_SIGAD9	0.03814437	0.37485197	9.14E-05	0.10717	0.40374
5mo_SIGAD9	0.06525932	0.63893825	0.00011898	0.094504	-0.60919
5mo_SIGAD9	0.04504144	0.4420261	9.93E-05	0.10345	0.17344
5mo_SIGAD9	0.05649163	0.55354524	0.00011144	0.095284	-0.19309
5mo_SIGAD9	0.02591706	0.25576404	7.66E-05	0.04879	0.76634
5mo_SIGAD9	0.08453232	0.8266479	0.00013089	0.053084	-1.2797
5mo_SIGAD9	0.05935491	0.5814322	0.000114	0.098059	-0.31309
7dr2_7dold_9	0.07935795	0.7762521	0.00012835	0.05632	-1.1841
7dr2_7dold_9	0.07155961	0.70030004	0.00012355	0.074645	-0.90497
7dr2_7dold_9	0.0752123	0.7358755	0.00012598	0.063504	-1.0589
7dr2_7dold_9	0.07108866	0.6957133	0.00012331	0.075804	-0.88959
7dr2_7dold_9	0.04340462	0.4260843	9.74E-05	0.10696	0.21998
7dr2_7dold_9	0.04308007	0.4229233	9.70E-05	0.10755	0.22964
7dr2_7dold_9	0.04993946	0.48973042	0.00010453	0.09379	0.042456
7dr2_7dold_9	0.05546152	0.54351246	0.00011045	0.094186	-0.1508
7dr2_7dold_9	0.06530123	0.63934654	0.00011898	0.094504	-0.60919
7dr2_7dold_9	0.07436191	0.72759306	0.00012556	0.06525	-1.0201
7dr2_7dold_9	0.07136782	0.69843215	0.00012355	0.074645	-0.90497
7dr2_7dold_9	0.00382577	0.04060566	5.47E-05	0.008551	0.27903
7dr2_7dold_9	0.06351046	0.62190527	0.00011758	0.097678	-0.5246
7dr2_7dold_9	0.04989353	0.48928308	0.00010453	0.09379	0.042456
7dr2_7dold_9	0.07934641	0.7761397	0.00012835	0.05632	-1.1841
7dr2_7dold_9	0.08216317	0.80357355	0.00012976	0.054048	-1.2424
7dr2_7dold_9	0.09292937	0.90843105	0.00013419	0.052478	-1.3401
7dr2_7dold_9	0.07008839	0.6859711	0.0001226	0.07935	-0.8424
7dr2_7dold_9	0.07127652	0.6975429	0.00012355	0.074645	-0.88959
7dr2_7dold_9	0.03236422	0.3185562	8.44E-05	0.081011	0.64444
7dr2_7dold_9	0.08325676	0.81422454	0.00013026	0.053541	-1.2598
7dr2_7dold_9	0.08124067	0.7945888	0.00012942	0.054478	-1.2227
7dr2_7dold_9	0.07353091	0.7194996	0.00012491	0.068128	-0.99278
3d7d_SITTB7	0.07328096	0.71706516	0.00012469	0.069151	-0.97873
3d7d_SITTB7	0.01965796	0.1948034	6.95E-05	0.030541	0.48489
3d7d_SITTB7	0.01941629	0.19244966	6.95E-05	0.030541	0.48489
3d7d_SITTB7	0.0255105	0.2518043	7.62E-05	0.047472	0.7616
3d7d_SITTB7	0.08280818	0.80985564	0.00013009	0.053693	-1.2543
3d7d_SITTB7	0.06953117	0.680544	0.00012211	0.081739	-0.81017
3d7d_SITTB7	0.00627816	0.06449068	5.66E-05	0.010584	0.18365
3d7d_SITTB7	0.00391931	0.04151668	5.47E-05	0.008551	0.27903

3d7d_SITTB7_	0.02237859	0.22130103	7.26E-05	0.037419	0.64161
3d7d_SITTB7_	0.07287867	0.713147	0.00012446	0.070202	-0.96444
3d7d_SITTB7_	0.02749915	0.27117273	7.86E-05	0.05605	0.77153
3d7d_SITTB7_	0.02172548	0.21494003	7.18E-05	0.035549	0.6056
3d7d_SITTB7_	0.02418705	0.23891449	7.46E-05	0.042633	0.72811
3d7d_SITTB7_	0.06477753	0.63424593	0.00011871	0.095287	-0.57526
3d7d_SITTB7_	0.02034347	0.20147993	7.02E-05	0.032119	0.52662
3d7d_SITTB7_	0.01356658	0.13547634	6.34E-05	0.019794	0.16714
3d7d_SITTB7_	0.00556249	0.05752045	5.61E-05	0.0099627	0.20797
3d7d_SITTB7_	0.06439125	0.6304837	0.00011843	0.096001	-0.55833
3d7d_SITTB7_	0.04376155	0.42956057	9.78E-05	0.10633	0.21046
3d7d_SITTB7_	0.07284418	0.7128111	0.00012446	0.070202	-0.96444
3d7d_SITTB7_	0.06366745	0.62343425	0.00011758	0.097678	-0.5246
3d7d_SITTB7_	0.07648732	0.7482935	0.0001268	0.060479	-1.0948
3d7d_SITTB7_	0.05182054	0.5080512	0.00010668	0.092211	-0.011455
3d7d_SITTB7_	0.07135133	0.69827145	0.00012355	0.074645	-0.88959
3d7d_SITTB7_	0.02057575	0.20374219	7.06E-05	0.032941	0.54704
3d7d_SITTB7_	0.0127768	0.12778428	6.24E-05	0.018271	0.13519
3d7d_SITTB7_	0.06191402	0.60635674	0.00011613	0.098894	-0.44141
3d7d_SITTB7_	0.04505262	0.44213495	9.93E-05	0.10345	0.17344
3d7d_SITTB7_	0.00278836	0.03050179	5.39E-05	0.007795	0.3272
3d7d_SITTB7_	0.03320723	0.32676664	8.57E-05	0.086671	0.61617
3d7d_SITTB7_	0.02593487	0.25593743	7.70E-05	0.050154	0.76634
2w4w_SITTC^	0.06245865	0.6116612	0.00011672	0.098627	-0.4579
2w4w_SITTC^	0.06272385	0.6142441	0.00011701	0.098387	-0.47447
2w4w_SITTC^	0.02536443	0.2503816	7.62E-05	0.047472	0.75539
2w4w_SITTC^	0.04604926	0.45184174	0.00010046	0.10111	0.14626
2w4w_SITTC^	0.05445472	0.5337068	0.00010944	0.093233	-0.11022
2w4w_SITTC^	0.0739823	0.72389585	0.00012513	0.067136	-1.0066
2w4w_SITTC^	0.08852261	0.8655114	0.00013261	0.052631	-1.32
2w4w_SITTC^	0.05008085	0.49110743	0.0001049	0.093366	0.042456
2w4w_SITTC^	0.03992602	0.39220443	9.34E-05	0.10962	0.32588
2w4w_SITTC^	0.03327389	0.32741588	8.57E-05	0.086671	0.61617
2w4w_SITTC^	0.05380908	0.5274186	0.00010876	0.092731	-0.084185
2w4w_SITTC^	0.02317821	0.22908892	7.34E-05	0.039406	0.68948
2w4w_SITTC^	0.06008406	0.5885338	0.00011462	0.098526	-0.36038
2w4w_SITTC^	0.02570136	0.25366318	7.66E-05	0.04879	0.7616
2w4w_SITTC^	0.04426771	0.4344903	9.86E-05	0.10494	0.20107
2w4w_SITTC^	0.06803168	0.66593975	0.0001211	0.086439	-0.74427
2w4w_SITTC^	0.04403888	0.43226165	9.82E-05	0.10565	0.20107
2w4w_SITTC^	0.03513629	0.34555477	8.77E-05	0.095565	0.52494
2w4w_SITTC^	0.04455539	0.4372922	9.89E-05	0.10421	0.19178
2w4w_SITTC^	0.03538193	0.3479472	8.81E-05	0.097198	0.52494
2w4w_SITTC^	0.07898487	0.7726185	0.00012816	0.056721	-1.1755
2w4w_SITTC^	0.06925488	0.6778531	0.00012211	0.081739	-0.79386
2w4w_SITTC^	0.05833808	0.5715288	0.00011305	0.097132	-0.26697

2w4w_SITTC	0.0615522	0.60283273	0.00011583	0.09893	-0.42501
2w4w_SITTC	0.04479298	0.43960622	9.89E-05	0.10421	0.18258
2w4w_SITTC	0.01407035	0.14038284	6.37E-05	0.020323	0.18023
2w4w_SITTC	0.04824803	0.47325674	0.00010308	0.095994	0.091263
2w4w_SITTC	0.05683707	0.55690974	0.00011177	0.095663	-0.20754
2w4w_SITTC	0.0788864	0.7716594	0.00012816	0.056721	-1.1666
2w4w_SITTC	0.04597902	0.4511577	0.00010046	0.10111	0.1553
2w4w_SITTC	0.06231656	0.6102773	0.00011642	0.098794	-0.4579
2w4w_SITTC	0.05090325	0.4991172	0.00010561	0.092703	0.010852
2w4w_SITTC	0.05208424	0.51061946	0.00010703	0.092172	-0.022986
2w4w_SITTC	0.07324882	0.7167521	0.00012469	0.069151	-0.97873
2w4w_SITTC	0.08731522	0.85375196	0.00013207	0.052686	-1.3094
2w4w_SITTC	0.01314624	0.13138245	6.27E-05	0.018769	0.14454
2w4w_SITTC	0.05696403	0.55814624	0.00011177	0.095663	-0.20754
2w4w_SITTC	0.05308071	0.5203246	0.00010807	0.092373	-0.059017
2w4w_SITTC	0.04635992	0.4548674	0.00010084	0.10033	0.14626
2w4w_SITTC	0.04935979	0.48408467	0.00010417	0.094268	0.062467
2w4w_SITTC	0.02875072	0.28336245	8.03E-05	0.062611	0.75723
2w4w_SITTC	0.06177557	0.6050083	0.00011613	0.098894	-0.44141
2w4w_SITTC	0.00919022	0.09285275	5.92E-05	0.013809	0.11326
2w4w_SITTC	0.04445685	0.43633243	9.86E-05	0.10494	0.19178
2w4w_SITTC	0.0724471	0.7089438	0.00012424	0.071279	-0.9499
2w4w_SITTC	0.05359524	0.52533585	0.00010842	0.092532	-0.084185
2w4w_SITTC	0.04669146	0.4580964	0.00010122	0.099559	0.13721
2w4w_SITTC	0.04296647	0.42181695	9.70E-05	0.10755	0.22964
2w4w_SITTC	0.0599949	0.5876654	0.00011462	0.098526	-0.3445
2w4w_SITTC	0.05926326	0.5805396	0.000114	0.098059	-0.31309
2w4w_SITTC	0.04357303	0.42772448	9.78E-05	0.10633	0.21998
2w4w_SITTC	0.05220339	0.51177996	0.00010703	0.092172	-0.03476
2w4w_SITTC	0.04564218	0.44787702	0.00010009	0.1019	0.16436
2w4w_SITTC	0.09335415	0.9125682	0.00013431	0.052462	-1.3409
2w4w_SITTC	0.04679317	0.45908704	0.00010122	0.099559	0.12814
2w4w_SITTC	0.04258417	0.41809347	9.66E-05	0.10808	0.24945
2w4w_SITTC	0.02702578	0.26656237	7.82E-05	0.054511	0.77219
2w4w_SITTC	0.02252993	0.22277503	7.30E-05	0.038397	0.65846
2w4w_SITTC	0.04789767	0.46984437	0.00010234	0.09734	0.10061
2w4w_SITTC	0.04533862	0.44492048	9.97E-05	0.10268	0.17344
2w4w_SITTC	0.05477948	0.5368698	0.00010978	0.093528	-0.12355
2w4w_SITTC	0.05347973	0.5242109	0.00010842	0.092532	-0.07149
2w4w_SITTC	0.00949901	0.09586016	5.95E-05	0.014213	0.11014
2w4w_SITTC	0.06359657	0.6227439	0.00011758	0.097678	-0.5246
2w4w_SITTC	0.01964226	0.1946505	6.95E-05	0.030541	0.48489
2w4w_SITTC	0.04079234	0.40064195	9.46E-05	0.10971	0.3027
2w4w_SITTC	0.05756394	0.56398904	0.00011241	0.096416	-0.23694
2w4w_SITTC	0.05949608	0.5828072	0.000114	0.098059	-0.32873
2w4w_SITTC	0.02645461	0.26099944	7.74E-05	0.051562	0.76965

2w4w_SITTC	0.07209306	0.7054956	0.00012401	0.07238	-0.93514
2w4w_SITTC	0.06850407	0.67054063	0.00012136	0.085284	-0.7609
2w4w_SITTC	0.08440498	0.8254077	0.00013089	0.053084	-1.2797
2w4w_SITTC	0.04789072	0.46977666	0.00010234	0.09734	0.10061
2w4w_SITTC	0.04309532	0.42307186	9.70E-05	0.10755	0.22964
2w4w_SITTC	0.00495965	0.05164909	5.55E-05	0.0093744	0.23478
2w4w_SITTC	0.05710835	0.55955184	0.00011177	0.095663	-0.22216
2w4w_SITTC	0.04083847	0.40109116	9.46E-05	0.10971	0.3027
2w4w_SITTC	0.04826718	0.4734432	0.00010308	0.095994	0.091263
2w4w_SITTC	0.03165175	0.31161705	8.36E-05	0.07721	0.6834
2w4w_SITTC	0.06354766	0.6222676	0.00011758	0.097678	-0.5246
2w4w_SITTC	0.04166573	0.40914828	9.54E-05	0.10929	0.27003
2w4w_SITTC	0.04508325	0.44243327	9.93E-05	0.10345	0.17344
2w4w_SITTC	0.08308853	0.812586	0.00013026	0.053541	-1.2598
2w4w_SITTC	0.01960852	0.19432189	6.95E-05	0.030541	0.48489
2w4w_SITTC	0.06689561	0.654875	0.00012032	0.089759	-0.67704
2w4w_SITTC	0.05671143	0.555686	0.00011144	0.095284	-0.20754
2w4w_SITTC	0.02100188	0.20789252	7.10E-05	0.033786	0.56707
2w4w_SITTC	0.06533359	0.63966167	0.00011898	0.094504	-0.60919
2w4w_SITTC	0.00331034	0.03558556	5.44E-05	0.0082917	0.2947
2w4w_SITTC	0.09118918	0.8914825	0.00013362	0.052552	-1.3333
2w4w_SITTC	0.03163884	0.31149134	8.36E-05	0.07721	0.6834
2w4w_SITTC	0.07348768	0.7190785	0.00012491	0.068128	-0.99278
2w4w_SITTC	0.04504159	0.4420275	9.93E-05	0.10345	0.17344
2w4w_SITTC	0.0652948	0.63928384	0.00011898	0.094504	-0.60919
2w4w_SITTC	0.04165237	0.40901825	9.54E-05	0.10929	0.27003
2w4w_SITTC	0.03709802	0.3646611	9.02E-05	0.1042	0.4477
2w4w_SITTC	0.05165894	0.5064773	0.00010632	0.092309	-0.011455
2w4w_SITTC	0.04518899	0.44346318	9.97E-05	0.10268	0.17344
2w4w_SITTC	0.01244962	0.12459768	6.21E-05	0.017782	0.12723
2w4w_SITTC	0.06845024	0.6700163	0.00012136	0.085284	-0.7609
2w4w_SITTC	0.02185808	0.2162315	7.22E-05	0.03647	0.62396
2w4w_SITTC	0.07765866	0.75970185	0.0001274	0.058646	-1.1379
2w4w_SITTC	0.04487463	0.44040143	9.93E-05	0.10345	0.18258
2w4w_SITTC	0.07897408	0.7725134	0.00012816	0.056721	-1.1755
2w4w_SITTC	0.00408116	0.04309299	5.50E-05	0.0088178	0.2638
2w4w_SITTC	0.04434068	0.435201	9.86E-05	0.10494	0.19178
2w4w_SITTC	0.02695113	0.26583537	7.78E-05	0.053015	0.77219
2w4w_SITTC	0.01287041	0.12869598	6.24E-05	0.018271	0.14454
2w4w_SITTC	0.06159762	0.6032752	0.00011583	0.09893	-0.42501
2w4w_SITTC	0.02314742	0.22878903	7.34E-05	0.039406	0.68948
2w4w_SITTC	0.0528691	0.51826364	0.00010773	0.092257	-0.046772
2w4w_SITTC	0.06797978	0.6654343	0.0001211	0.086439	-0.74427
2w4w_SITTC	0.0345787	0.3401241	8.73E-05	0.093873	0.55601
2w4w_SITTC	0.0353369	0.34750867	8.81E-05	0.097198	0.52494
2w4w_SITTC	0.06234032	0.6105087	0.00011672	0.098627	-0.4579

2w4w_SITTC	0.07960787	0.7786862	0.00012853	0.055948	-1.1924
2w4w_SITTC	0.08626461	0.84351957	0.00013164	0.052775	-1.2997
2w4w_SITTC	0.06595369	0.6457011	0.00011953	0.092756	-0.64315
2w4w_SITTC	0.04311355	0.42324936	9.74E-05	0.10696	0.22964
2w4w_SITTC	0.01468685	0.14638722	6.44E-05	0.021412	0.20962
2w4w_SITTC	0.0446652	0.43836164	9.89E-05	0.10421	0.18258
2w4w_SITTC	0.0234416	0.23165421	7.38E-05	0.040447	0.68948
2w4w_SITTC	0.06070947	0.594625	0.00011523	0.098828	-0.37638
2w4w_SITTC	0.07427317	0.7267288	0.00012534	0.066176	-1.0201
2w4w_SITTC	0.05967751	0.58457416	0.00011431	0.098311	-0.32873
2w4w_SITTC	0.03846034	0.3779294	9.18E-05	0.10791	0.38979
2w4w_SITTC	0.0812836	0.79500693	0.00012942	0.054478	-1.2295
2w4w_SITTC	0.04802326	0.47106752	0.00010271	0.09665	0.10061
2w4w_SITTC	0.01527021	0.15206884	6.47E-05	0.021973	0.24275
2w4w_SITTC	0.06651638	0.6511815	0.00012006	0.090801	-0.66011
2w4w_SITTC	0.06087101	0.59619826	0.00011523	0.098828	-0.39249
2w4w_SITTC	0.04946793	0.4851379	0.00010417	0.094268	0.052555
2w4w_SITTC	0.07551184	0.73879284	0.00012619	0.062687	-1.0712
2w4w_SITTC	0.07947838	0.77742505	0.00012835	0.05632	-1.1841
2w4w_SITTC	0.00640438	0.06572004	5.69E-05	0.010907	0.17252
2w4w_SITTC	0.04538589	0.4453809	9.97E-05	0.10268	0.16436
2w4w_SITTC	0.03669119	0.3606987	8.98E-05	0.10298	0.46289
2w4w_SITTC	0.06852683	0.67076224	0.00012161	0.084113	-0.7609
2w4w_SITTC	0.07348084	0.71901196	0.00012491	0.068128	-0.99278
2w4w_SITTC	0.01470963	0.14660908	6.44E-05	0.021412	0.20962
2w4w_SITTC	0.07169417	0.7016106	0.00012378	0.073503	-0.90497
2w4w_SITTC	0.02702429	0.2665479	7.82E-05	0.054511	0.77219
2w4w_SITTC	0.04900801	0.48065853	0.00010381	0.094798	0.072211
2w4w_SITTC	0.05278201	0.51741546	0.00010773	0.092257	-0.046772
2w4w_SITTC	0.06769761	0.6626861	0.00012084	0.087573	-0.72756
2w4w_SITTC	0.07464883	0.7303875	0.00012556	0.06525	-1.0333
2w4w_SITTC	0.06645554	0.6505889	0.00012006	0.090801	-0.66011
2w4w_SITTC	0.06549755	0.64125854	0.00011925	0.093659	-0.60919
2w4w_SITTC	0.068245	0.6680174	0.00012136	0.085284	-0.74427
2w4w_SITTC	0.06928537	0.67815006	0.00012211	0.081739	-0.79386
2w4w_SITTC	0.06995785	0.68469965	0.0001226	0.07935	-0.82636
2w4w_SITTC	0.01440859	0.1436771	6.41E-05	0.020862	0.19442
2w4w_SITTC	0.06995842	0.68470526	0.0001226	0.07935	-0.82636
2w4w_SITTC	0.07473236	0.7312011	0.00012577	0.064358	-1.0333
2w4w_SITTC	0.0272381	0.26863027	7.82E-05	0.054511	0.77153
2w4w_SITTC	0.01255096	0.12558474	6.24E-05	0.018271	0.13519
2w4w_SITTC	0.06915779	0.6769075	0.00012186	0.08293	-0.79386
2w4w_SITTC	0.0333088	0.32775587	8.57E-05	0.086671	0.61617
2w4w_SITTC	0.0108162	0.10868895	6.05E-05	0.01548	0.10884
2w4w_SITTC	0.04412933	0.43314257	9.86E-05	0.10494	0.20107
2w4w_SITTC	0.05555926	0.54446447	0.00011045	0.094186	-0.1508

2w4w_SITTC	0.08280432	0.80981797	0.00013009	0.053693	-1.2543
2w4w_SITTC	0.06899782	0.6753494	0.00012186	0.08293	-0.79386
2w4w_SITTC	0.04664043	0.4575995	0.00010122	0.099559	0.13721
2w4w_SITTC	0.00921334	0.09307791	5.92E-05	0.013809	0.11326
2w4w_SITTC	0.05286662	0.5182395	0.00010773	0.092257	-0.046772
2w4w_SITTC	0.08744697	0.8550351	0.00013221	0.052667	-1.3123
2w4w_SITTC	0.03369457	0.33151317	8.61E-05	0.088522	0.60151
2w4w_SITTC	0.05337465	0.5231874	0.00010807	0.092373	-0.07149
2w4w_SITTC	0.07360175	0.7201895	0.00012491	0.068128	-0.99278
2w4w_SITTC	0.049836	0.4887227	0.00010453	0.09379	0.042456
2w4w_SITTC	0.0110311	0.11078204	6.08E-05	0.015922	0.10884
2w4w_SITTC	0.06094052	0.59687525	0.00011523	0.098828	-0.39249
2w4w_SITTC	0.04566118	0.44806203	0.00010009	0.1019	0.16436
2w4w_SITTC	0.08609115	0.8418301	0.00013164	0.052775	-1.2997
2w4w_SITTC	0.05578413	0.5466546	0.00011045	0.094186	-0.16472
2w4w_SITTC	0.07561406	0.7397884	0.00012619	0.062687	-1.0712
2w4w_SITTC	0.06695699	0.65547276	0.00012032	0.089759	-0.69393
2w4w_SITTC	0.03162273	0.31133443	8.36E-05	0.07721	0.6834
2w4w_SITTC	0.03551297	0.3492234	8.81E-05	0.097198	0.50933
2w4w_SITTC	0.02646372	0.26108813	7.74E-05	0.051562	0.76965
2w4w_SITTC	0.07092233	0.6940932	0.00012331	0.075804	-0.87403
2w4w_SITTC	0.04913851	0.48192948	0.00010381	0.094798	0.062467
2w4w_SITTC	0.06940822	0.6793465	0.00012211	0.081739	-0.81017
2w4w_SITTC	0.07822187	0.7651872	0.00012778	0.057615	-1.1573
2w4w_SITTC	0.06104359	0.59787923	0.00011553	0.098907	-0.39249
2w4w_SITTC	0.0436621	0.428592	9.78E-05	0.10633	0.21046
2w4w_SITTC	0.02162989	0.21400908	7.18E-05	0.035549	0.6056
2w4w_SITTC	0.08744202	0.8549869	0.00013221	0.052667	-1.3094
2w4w_SITTC	0.06817962	0.66738063	0.00012136	0.085284	-0.74427
2w4w_SITTC	0.05176058	0.5074672	0.00010668	0.092211	-0.011455
2w4w_SITTC	0.03635186	0.3573938	8.94E-05	0.10166	0.47826
2w4w_SITTC	0.06519511	0.638313	0.00011898	0.094504	-0.59222
2w4w_SITTC	0.05022493	0.49251077	0.0001049	0.093366	0.032151
2w4w_SITTC	0.04970759	0.4874721	0.00010453	0.09379	0.052555
2w4w_SITTC	0.05415123	0.53075093	0.0001091	0.092966	-0.097097
2w4w_SITTC	0.0679373	0.6650205	0.0001211	0.086439	-0.74427
2w4w_SITTC	0.02419631	0.23900469	7.46E-05	0.042633	0.72811
2w4w_SITTC	0.06755449	0.66129214	0.00012084	0.087573	-0.71078
2w4w_SITTC	0.05522488	0.5412078	0.00011011	0.093847	-0.13708
2w4w_SITTC	0.03280703	0.32286888	8.52E-05	0.084798	0.6305
2w4w_SITTC	0.04247575	0.4170375	9.66E-05	0.10808	0.24945
2w4w_SITTC	0.02937719	0.28946394	8.11E-05	0.066108	0.7438
2w4w_SITTC	0.04310065	0.42312372	9.74E-05	0.10696	0.22964
2w4w_SITTC	0.03852047	0.37851506	9.18E-05	0.10791	0.37625
2w4w_SITTC	0.06217058	0.6088555	0.00011642	0.098794	-0.4579
2w4w_SITTC	0.05842438	0.57236934	0.00011305	0.097132	-0.2822

2w4w_SITTC	0.00315173	0.03404076	5.42E-05	0.0080398	0.31077
2w4w_SITTC	0.07345308	0.71874154	0.00012491	0.068128	-0.99278
2w4w_SITTC	0.05060437	0.49620625	0.00010525	0.093003	0.021622
2w4w_SITTC	0.08125054	0.79468495	0.00012942	0.054478	-1.2227
2w4w_SITTC	0.04625936	0.45388803	0.00010084	0.10033	0.14626
2w4w_SITTC	0.0600491	0.5881933	0.00011462	0.098526	-0.3445
2w4w_SITTC	0.07964519	0.7790497	0.00012853	0.055948	-1.1924
2w4w_SITTC	0.08424725	0.8238715	0.00013074	0.053178	-1.2751
2w4w_SITTC	0.02889332	0.28475127	8.03E-05	0.062611	0.75723
2w4w_SITTC	0.00557295	0.05762228	5.61E-05	0.0099627	0.20797
2w4w_SITTC	0.05877185	0.57575345	0.00011337	0.097465	-0.29758
2w4w_SITTC	0.07240267	0.70851105	0.00012424	0.071279	-0.9499
2w4w_SITTC	0.0043562	0.04577171	5.52E-05	0.0090922	0.24903
2w4w_SITTC	0.03789716	0.37244424	9.10E-05	0.1063	0.40374
2w4w_SITTC	0.03916173	0.38476056	9.26E-05	0.10901	0.36311
2w4w_SITTC	0.03161129	0.31122303	8.36E-05	0.07721	0.6834
2w4w_SITTC	0.03063987	0.30176178	8.23E-05	0.07157	0.70647
2w4w_SITTC	0.06769954	0.6627048	0.00012084	0.087573	-0.72756
2w4w_SITTC	0.05072648	0.49739558	0.00010561	0.092703	0.021622
2w4w_SITTC	0.03289044	0.32368124	8.52E-05	0.084798	0.6305
2w4w_SITTC	0.03324196	0.3271049	8.57E-05	0.086671	0.61617
2w4w_SITTC	0.07664146	0.7497947	0.0001268	0.060479	-1.1061
2w4w_SITTC	0.06624101	0.6484995	0.00011979	0.091802	-0.66011
2w4w_SITTC	0.0291024	0.28678763	8.07E-05	0.064343	0.751
2w4w_SITTC	0.09633042	0.9415556	0.00013526	0.052284	-1.3444
2w4w_SITTC	0.03898694	0.3830582	9.26E-05	0.10901	0.36311
2w4w_SITTC	0.0248901	0.24576189	7.54E-05	0.044969	0.74769
2w4w_SITTC	0.04883432	0.47896692	0.00010344	0.095375	0.072211
2w4w_SITTC	0.00259546	0.02862302	5.39E-05	0.007795	0.3272
2w4w_SITTC	0.06350847	0.62188584	0.00011758	0.097678	-0.5246
2w4w_SITTC	0.0473384	0.46439734	0.00010197	0.098057	0.11903
2w4w_SITTC	0.01321569	0.13205887	6.27E-05	0.018769	0.15521
2w4w_SITTC	0.0699099	0.6842327	0.0001226	0.07935	-0.82636
2w4w_SITTC	0.05082928	0.49839684	0.00010561	0.092703	0.010852
2w4w_SITTC	0.06100846	0.597537	0.00011553	0.098907	-0.39249
2w4w_SITTC	0.01825976	0.18118563	6.80E-05	0.027619	0.4001
2w4w_SITTC	0.06694662	0.6553718	0.00012032	0.089759	-0.69393
2w4w_SITTC	0.06337458	0.62058187	0.00011758	0.097678	-0.50782
2w4w_SITTC	0.06424414	0.6290509	0.00011815	0.096641	-0.55833
2w4w_SITTC	0.05848271	0.5729374	0.00011305	0.097132	-0.2822
2w4w_SITTC	0.08120319	0.79422385	0.00012924	0.054725	-1.2227
2w4w_SITTC	0.05919191	0.5798447	0.00011368	0.097776	-0.31309
2w4w_SITTC	0.07027815	0.6878193	0.00012284	0.078159	-0.8424
2w4w_SITTC	0.08025242	0.7849638	0.00012889	0.055287	-1.2004
2w4w_SITTC	0.05806724	0.568891	0.00011273	0.096781	-0.26697
2w4w_SITTC	0.05761148	0.56445205	0.00011241	0.096416	-0.23694

2w4w_SITTC	0.04084692	0.40117353	9.46E-05	0.10971	0.3027
2w4w_SITTC	0.06283362	0.6153131	0.00011701	0.098387	-0.49111
2w4w_SITTC	0.03495665	0.34380516	8.77E-05	0.095565	0.54051
2w4w_SITTC	0.01531028	0.15245911	6.51E-05	0.022546	0.24275
2w4w_SITTC	0.02837469	0.27970007	7.99E-05	0.060913	0.76245
2w4w_SITTC	0.06404449	0.6271065	0.00011815	0.096641	-0.54144
2w4w_SITTC	0.07070109	0.6919385	0.00012308	0.076976	-0.87403
2w4w_SITTC	0.00772864	0.07861771	5.81E-05	0.012286	0.13577
2w4w_SITTC	0.05436349	0.53281826	0.0001091	0.092966	-0.11022
2w4w_SITTC	0.08269218	0.8087258	0.00013009	0.053693	-1.2543
2w4w_SITTC	0.04694706	0.46058586	0.00010159	0.098799	0.12814
2w4w_SITTC	0.03492429	0.34348997	8.77E-05	0.095565	0.54051
2w4w_SITTC	0.05635176	0.552183	0.00011111	0.094909	-0.19309
2w4w_SITTC	0.06744668	0.66024214	0.00012058	0.088682	-0.71078
2w4w_SITTC	0.04870045	0.47766304	0.00010344	0.095375	0.081803
2w4w_SITTC	0.05442264	0.5333944	0.0001091	0.092966	-0.11022
2w4w_SITTC	0.02295855	0.2269495	7.34E-05	0.039406	0.67444
2w4w_SITTC	0.0165842	0.16486646	6.62E-05	0.024342	0.29808
2w4w_SITTC	0.01345442	0.13438395	6.30E-05	0.019276	0.15521
2w4w_SITTC	0.07438969	0.7278636	0.00012556	0.06525	-1.0201
2w4w_SITTC	0.06096281	0.5970924	0.00011553	0.098907	-0.39249
2w4w_SITTC	0.06191875	0.60640275	0.00011613	0.098894	-0.44141
2w4w_SITTC	0.06583787	0.6445731	0.00011953	0.092756	-0.62617
2w4w_SITTC	0.05764617	0.56478995	0.00011241	0.096416	-0.23694
2w4w_SITTC	0.00389795	0.04130861	5.47E-05	0.008551	0.27903
2w4w_SITTC	0.02995446	0.29508623	8.15E-05	0.067903	0.72675
2w4w_SITTC	0.04555025	0.4469816	0.00010009	0.1019	0.16436
2w4w_SITTC	0.04445689	0.43633282	9.86E-05	0.10494	0.19178
2w4w_SITTC	0.0039739	0.04204838	5.50E-05	0.0088178	0.2638
2w4w_SITTC	0.06303477	0.6172723	0.0001173	0.098072	-0.49111
2w4w_SITTC	0.0432316	0.4243991	9.74E-05	0.10696	0.22964
2w4w_SITTC	0.06133497	0.60071707	0.00011583	0.09893	-0.4087
2w4w_SITTC	0.05165092	0.5063991	0.00010632	0.092309	-0.011455
2w4w_SITTC	0.04120992	0.40470898	9.50E-05	0.10955	0.29155
2w4w_SITTC	0.07321395	0.7164125	0.00012469	0.069151	-0.97873
2w4w_SITTC	0.01707882	0.16968384	6.69E-05	0.025607	0.33781
2w4w_SITTC	0.05420888	0.5313124	0.0001091	0.092966	-0.097097
2w4w_SITTC	0.02880811	0.28392142	8.03E-05	0.062611	0.75723
2w4w_SITTC	0.06570613	0.64329	0.00011925	0.093659	-0.62617
2w4w_SITTC	0.08622868	0.84316957	0.00013164	0.052775	-1.2997
2w4w_SITTC	0.04752306	0.46619588	0.00010197	0.098057	0.10986
2w4w_SITTC	0.06541376	0.6404425	0.00011898	0.094504	-0.60919
2w4w_SITTC	0.05684821	0.5570182	0.00011177	0.095663	-0.20754
2w4w_SITTC	0.02476407	0.24453442	7.54E-05	0.044969	0.73857
2w4w_SITTC	0.05985997	0.58635134	0.00011431	0.098311	-0.3445
2w4w_SITTC	0.05456888	0.5348187	0.00010944	0.093233	-0.11022

2w4w_SITTC	0.02942949	0.28997332	8.11E-05	0.066108	0.7438
2w4w_SITTC	0.02618347	0.2583587	7.70E-05	0.050154	0.76965
2w4w_SITTC	0.03693882	0.36311048	9.02E-05	0.1042	0.4477
2w4w_SITTC	0.02884153	0.28424683	8.03E-05	0.062611	0.75723
2w4w_SITTC	0.02035521	0.20159425	7.02E-05	0.032119	0.52662
2w4w_SITTC	0.07604569	0.7439922	0.0001264	0.06191	-1.0832
2w4w_SITTC	0.02172816	0.21496618	7.18E-05	0.035549	0.6056
2w4w_SITTC	0.02681877	0.26454616	7.78E-05	0.053015	0.77158
2w4w_SITTC	0.04233966	0.41571206	9.62E-05	0.10856	0.24945
2w4w_SITTC	0.02402956	0.23738064	7.46E-05	0.042633	0.71639
2w4w_SITTC	0.00189394	0.0217905	5.34E-05	0.0073266	0.36099
2w4w_SITTC	0.01127296	0.11313764	6.11E-05	0.016373	0.1115
2w4w_SITTC	0.01529704	0.15233022	6.51E-05	0.022546	0.24275
2w4w_SITTC	0.01621438	0.16126461	6.58E-05	0.023731	0.27899
2w4w_SITTC	0.05435596	0.53274494	0.0001091	0.092966	-0.11022
2w4w_SITTC	0.05470775	0.53617114	0.00010944	0.093233	-0.12355
2w4w_SITTC	0.04538786	0.4454001	9.97E-05	0.10268	0.16436
2w4w_SITTC	0.05883351	0.5763541	0.00011337	0.097465	-0.29758
2w4w_SITTC	0.03701979	0.36389917	9.02E-05	0.1042	0.4477
2w4w_SITTC	0.05904347	0.578399	0.00011368	0.097776	-0.31309
2w4w_SITTC	0.07961419	0.77874774	0.00012853	0.055948	-1.1924
2w4w_SITTC	0.07783923	0.7614604	0.00012759	0.058113	-1.1379
2w4w_SITTC	0.0459503	0.45087793	0.00010046	0.10111	0.1553
2w4w_SITTC	0.0532154	0.52163637	0.00010807	0.092373	-0.059017
2w4w_SITTC	0.076184	0.74533933	0.0001266	0.061174	-1.0948
2w4w_SITTC	0.03155014	0.31062743	8.36E-05	0.07721	0.6834
2w4w_SITTC	0.0375559	0.36912054	9.06E-05	0.10531	0.41807
2w4w_SITTC	0.01739463	0.17275964	6.72E-05	0.026262	0.35829
2w4w_SITTD	0.07116735	0.6964796	0.00012331	0.075804	-0.88959
2w4w_SITTD	0.04891414	0.47974423	0.00010344	0.095375	0.072211
2w4w_SITTD	0.05100358	0.50009435	0.00010597	0.092472	0.010852
2w4w_SITTD	0.04478665	0.4395446	9.89E-05	0.10421	0.18258
2w4w_SITTD	0.01337443	0.13360494	6.30E-05	0.019276	0.15521
2w4w_SITTD	0.02682835	0.2646395	7.78E-05	0.053015	0.77158
2w4w_SITTD	0.06882808	0.6736962	0.00012161	0.084113	-0.77743
2w4w_SITTD	0.05218249	0.5115764	0.00010703	0.092172	-0.022986
2w4w_SITTD	0.03912113	0.38436514	9.26E-05	0.10901	0.36311
2w4w_SITTD	0.06100568	0.59751	0.00011553	0.098907	-0.39249
2w4w_SITTD	0.02909448	0.28671053	8.07E-05	0.064343	0.751
2w4w_SITTD	0.04808341	0.47165343	0.00010271	0.09665	0.10061
2w4w_SITTD	0.04237195	0.41602653	9.62E-05	0.10856	0.24945
2w4w_SITTD	0.05545646	0.54346323	0.00011011	0.093847	-0.1508
2w4w_SITTD	0.06564	0.6426459	0.00011925	0.093659	-0.62617
2w4w_SITTD	0.03968762	0.38988253	9.34E-05	0.10962	0.33794
2w4w_SITTD	0.06260272	0.61306435	0.00011672	0.098627	-0.47447
2w4w_SITTD	0.00886161	0.0896522	5.89E-05	0.013414	0.11742

2w4w_SITTD	0.00702469	0.07176155	5.72E-05	0.011238	0.15252
2w4w_SITTD	0.01224837	0.12263766	6.21E-05	0.017782	0.12723
2w4w_SITTD	0.03865958	0.37986994	9.22E-05	0.10852	0.37625
2w4w_SITTD	0.05663011	0.55489403	0.00011144	0.095284	-0.19309
2w4w_SITTD	0.03784565	0.37194264	9.10E-05	0.1063	0.40374
2w4w_SITTD	0.03923132	0.38543838	9.26E-05	0.10901	0.35035
2w4w_SITTD	0.05272948	0.51690376	0.00010773	0.092257	-0.046772
2w4w_SITTD	0.05682093	0.55675256	0.00011144	0.095284	-0.20754
2w4w_SITTD	0.04871835	0.4778374	0.00010344	0.095375	0.081803
2w4w_SITTD	0.08349804	0.8165745	0.00013042	0.053406	-1.2651
2w4w_SITTD	0.06050723	0.5926553	0.00011492	0.0987	-0.37638
2w4w_SITTD	0.0714928	0.69964933	0.00012355	0.074645	-0.90497
2w4w_SITTD	0.04986584	0.48901337	0.00010453	0.09379	0.042456
2w4w_SITTD	0.05201474	0.5099426	0.00010668	0.092211	-0.022986
2w4w_SITTD	0.07484409	0.7322893	0.00012577	0.064358	-1.0462
2w4w_SITTD	0.00371276	0.03950498	5.47E-05	0.008551	0.27903
2w4w_SITTD	0.03019019	0.29738212	8.19E-05	0.069725	0.72675
2w4w_SITTD	0.05331368	0.5225937	0.00010807	0.092373	-0.07149
2w4w_SITTD	0.00402549	0.04255076	5.50E-05	0.0088178	0.2638
2w4w_SITTD	0.04762019	0.46714187	0.00010234	0.09734	0.10986
2w4w_SITTD	0.02226932	0.22023678	7.26E-05	0.037419	0.64161
2w4w_SITTD	0.03879724	0.38121068	9.22E-05	0.10852	0.37625
2w4w_SITTD	0.0584738	0.57285064	0.00011305	0.097132	-0.2822
2w4w_SITTD	0.00836804	0.08484511	5.84E-05	0.012653	0.12871
2w4w_SITTD	0.04574595	0.44888765	0.00010009	0.1019	0.1553
2w4w_SITTD	0.03569787	0.35102433	8.86E-05	0.098764	0.50933
2w4w_SITTD	0.06257732	0.6128169	0.00011672	0.098627	-0.47447
2w4w_SITTD	0.06088597	0.596344	0.00011523	0.098828	-0.39249
2w4w_SITTD	0.03656976	0.35951608	8.94E-05	0.10166	0.46289
2w4w_SITTD	0.03872104	0.3804685	9.22E-05	0.10852	0.37625
2w4w_SITTD	0.04626187	0.45391244	0.00010084	0.10033	0.14626
2w4w_SITTD	0.07822339	0.76520205	0.00012778	0.057615	-1.1573
2w4w_SITTD	0.08050628	0.78743625	0.00012889	0.055287	-1.2081
2w4w_SITTD	0.04235419	0.41585362	9.62E-05	0.10856	0.24945
2w4w_SITTD	0.05342319	0.5236602	0.00010842	0.092532	-0.07149
2w4w_SITTD	0.07626956	0.74617267	0.0001266	0.061174	-1.0948
2w4w_SITTD	0.08608939	0.84181297	0.00013164	0.052775	-1.2997
2w4w_SITTD	0.03707321	0.3644194	9.02E-05	0.1042	0.4477
2w4w_SITTD	0.03091873	0.30447778	8.28E-05	0.073435	0.70647
2w4w_SITTD	0.08117534	0.7939525	0.00012924	0.054725	-1.2227
2w4w_SITTD	0.00870245	0.08810206	5.86E-05	0.013029	0.12259
2w4w_SITTD	0.01607663	0.159923	6.58E-05	0.023731	0.27899
2w4w_SITTD	0.05750313	0.5633968	0.00011209	0.096042	-0.23694
2w4w_SITTD	0.02947546	0.29042107	8.11E-05	0.066108	0.7438
2w4w_SITTD	0.05140042	0.50395936	0.00010632	0.092309	-0.0001745
2w4w_SITTD	0.07522199	0.73596984	0.00012598	0.063504	-1.0589

2w4w_SITTD	0.0057566	0.05941098	5.63E-05	0.010269	0.19547
2w4w_SITTD	0.00173349	0.02022786	5.31E-05	0.0071026	0.37827
2w4w_SITTD	0.03557022	0.34978107	8.86E-05	0.098764	0.50933
2w4w_SITTD	0.0675727	0.66146946	0.00012084	0.087573	-0.71078
2w4w_SITTD	0.05328729	0.52233666	0.00010807	0.092373	-0.07149
2w4w_SITTD	0.00184052	0.02127023	5.31E-05	0.0071026	0.37827
2w4w_SITTD	0.0614753	0.60208386	0.00011583	0.09893	-0.42501
2w4w_SITTD	0.00770424	0.07837999	5.78E-05	0.011928	0.13577
2w4w_SITTD	0.0484525	0.4752482	0.00010308	0.095994	0.081803
2w4w_SITTD	0.05810092	0.569219	0.00011273	0.096781	-0.26697
2w4w_SITTD	0.00917043	0.09266	5.92E-05	0.013809	0.11326
2w4w_SITTD	0.01434821	0.143089	6.41E-05	0.020862	0.19442
2w4w_SITTD	0.07540182	0.7377213	0.00012619	0.062687	-1.0589
2w4w_SITTD	0.04917764	0.48231068	0.00010381	0.094798	0.062467
2w4w_SITTD	0.0028349	0.03095508	5.39E-05	0.007795	0.3272
2w4w_SITTD	0.04404265	0.43229836	9.82E-05	0.10565	0.20107
2w4w_SITTD	0.00470529	0.04917173	5.55E-05	0.0093744	0.23478
2w4w_SITTD	0.06317534	0.6186413	0.0001173	0.098072	-0.50782
2w4w_SITTD	0.07356445	0.71982616	0.00012491	0.068128	-0.99278
2w4w_SITTD	0.04874222	0.47806987	0.00010344	0.095375	0.081803
2w4w_SITTD	0.07590915	0.7426624	0.0001264	0.06191	-1.0832
2w4w_SITTD	0.06614152	0.6475305	0.00011979	0.091802	-0.64315
2w4w_SITTD	0.05112353	0.5012626	0.00010597	0.092472	0.010852
2w4w_SITTD	0.07809532	0.76395464	0.00012759	0.058113	-1.1478
2w4w_SITTD	0.01776192	0.17633694	6.76E-05	0.026932	0.37908
2w4w_SITTD	0.02056138	0.20360225	7.06E-05	0.032941	0.54704
2w4w_SITTD	0.03969782	0.38998187	9.34E-05	0.10962	0.33794
2w4w_SITTD	0.00872833	0.0883542	5.86E-05	0.013029	0.11742
2w4w_SITTD	0.01237009	0.12382308	6.21E-05	0.017782	0.12723
2w4w_SITTD	0.07252201	0.7096734	0.00012424	0.071279	-0.9499
2w4w_SITTD	0.09713236	0.9493661	0.00013546	0.052239	-1.3446
2w4w_SITTD	0.05845901	0.5727066	0.00011305	0.097132	-0.2822
2w4w_SITTD	0.04212985	0.41366863	9.62E-05	0.10856	0.25963
2w4w_SITTD	0.02517638	0.24855016	7.58E-05	0.046199	0.75539
2w4w_SITTD	0.04474339	0.43912318	9.89E-05	0.10421	0.18258
2w4w_SITTD	0.08177252	0.7997688	0.00012959	0.054253	-1.2361
2w4w_SITTD	0.02763807	0.2725258	7.86E-05	0.05605	0.76966
2w4w_SITTD	0.0704863	0.6898465	0.00012284	0.078159	-0.8583
2w4w_SITTD	0.00197008	0.0225321	5.34E-05	0.0073266	0.36099
2w4w_SITTD	0.02967892	0.29240265	8.11E-05	0.066108	0.7357
2w4w_SITTD	0.04382813	0.43020907	9.82E-05	0.10565	0.21046
2w4w_SITTD	0.04835775	0.4743253	0.00010308	0.095994	0.091263
2w4w_SITTD	0.09082085	0.8878951	0.00013338	0.052577	-1.3317
2w4w_SITTD	0.0460916	0.45225412	0.00010046	0.10111	0.14626
2w4w_SITTD	0.03044581	0.29987174	8.23E-05	0.07157	0.71698
2w4w_SITTD	0.06998203	0.6849352	0.0001226	0.07935	-0.82636

2w4w_SITTD	0.04777414	0.46864125	0.00010234	0.09734	0.10061
2w4w_SITTD	0.01526308	0.1519994	6.47E-05	0.021973	0.24275
2w4w_SITTD	0.02670182	0.2634072	7.78E-05	0.053015	0.77158
2w4w_SITTD	0.06624255	0.64851445	0.00011979	0.091802	-0.66011
2w4w_SITTD	0.04286145	0.420794	9.70E-05	0.10755	0.23945
2w4w_SITTD	0.06530184	0.63935244	0.00011898	0.094504	-0.60919
2w4w_SITTD	0.06750184	0.6607794	0.00012084	0.087573	-0.71078
2w4w_SITTD	0.06062122	0.59376544	0.00011523	0.098828	-0.37638
2w4w_SITTD	0.06816439	0.6672322	0.00012136	0.085284	-0.74427
2w4w_SITTD	0.04844084	0.47513455	0.00010308	0.095994	0.081803
2w4w_SITTD	0.04863648	0.47704	0.00010344	0.095375	0.081803
2w4w_SITTD	0.0475044	0.46601415	0.00010197	0.098057	0.10986
2w4w_SITTD	0.02918314	0.28757405	8.07E-05	0.064343	0.751
2w4w_SITTD	0.0711594	0.6964022	0.00012331	0.075804	-0.88959
2w4w_SITTD	0.05687156	0.5572456	0.00011177	0.095663	-0.20754
2w4w_SITTD	0.02126938	0.21049789	7.14E-05	0.034655	0.58661
2w4w_SITTD	0.00817242	0.08293989	5.84E-05	0.012653	0.12871
2w4w_SITTD	0.04515053	0.44308856	9.93E-05	0.10345	0.17344
2w4w_SITTD	0.03238274	0.31873652	8.44E-05	0.081011	0.64444
2w4w_SITTD	0.06759711	0.6617072	0.00012084	0.087573	-0.72756
2w4w_SITTD	0.05198373	0.5096406	0.00010668	0.092211	-0.022986
2w4w_SITTD	0.04330299	0.4250944	9.74E-05	0.10696	0.21998
2w4w_SITTD	0.02275464	0.22496352	7.30E-05	0.038397	0.65846
2w4w_SITTD	0.05204365	0.51022416	0.00010703	0.092172	-0.022986
2w4w_SITTD	0.05715753	0.5600308	0.00011177	0.095663	-0.22216
2w4w_SITTD	0.03693702	0.36309302	9.02E-05	0.1042	0.4477
2w4w_SITTD	0.0247994	0.24487852	7.54E-05	0.044969	0.73857
2w4w_SITTD	0.0068129	0.06969883	5.72E-05	0.011238	0.16213
2w4w_SITTD	0.06844568	0.66997194	0.00012136	0.085284	-0.7609
2w4w_SITTD	0.05187472	0.50857884	0.00010668	0.092211	-0.022986
2w4w_SITTD	0.07848068	0.76770794	0.00012797	0.057152	-1.1573
2w4w_SITTD	0.04193069	0.41172895	9.58E-05	0.10896	0.25963
2w4w_SITTD	0.03370075	0.33157328	8.61E-05	0.088522	0.60151
2w4w_SITTD	0.03115237	0.30675337	8.32E-05	0.075317	0.69526
2w4w_SITTD	0.0320441	0.31543836	8.40E-05	0.07911	0.65793
2w4w_SITTD	0.07062278	0.69117576	0.00012308	0.076976	-0.8583
2w4w_SITTD	0.03493955	0.34363857	8.77E-05	0.095565	0.54051
2w4w_SITTD	0.05787606	0.567029	0.00011273	0.096781	-0.25188
2w4w_SITTD	0.02227821	0.22032331	7.26E-05	0.037419	0.64161
2w4w_SITTD	0.06129658	0.6003431	0.00011583	0.09893	-0.4087
2w4w_SITTD	0.04967699	0.4871741	0.00010453	0.09379	0.052555
2w4w_SITTD	0.07944606	0.77711016	0.00012835	0.05632	-1.1841
2w4w_SITTD	0.03093852	0.30467054	8.28E-05	0.073435	0.70647
2w4w_SITTD	0.01940133	0.19230397	6.91E-05	0.029782	0.48489
2w4w_SITTD	0.08493095	0.83053035	0.00013105	0.053002	-1.2841
2w4w_SITTD	0.05498204	0.5388426	0.00010978	0.093528	-0.13708

2w4w_SITTD	0.02934596	0.2891598	8.07E-05	0.064343	0.7438
2w4w_SITTD	0.02833158	0.27928028	7.99E-05	0.060913	0.76245
2w4w_SITTD	0.04564057	0.4478613	0.00010009	0.1019	0.16436
2w4w_SITTD	0.04641448	0.45539886	0.00010084	0.10033	0.13721
2w4w_SITTD	0.05469086	0.5360067	0.00010944	0.093233	-0.12355
2w4w_SITTD	0.01654281	0.16446336	6.62E-05	0.024342	0.29808
2w4w_SITTD	0.07674542	0.7508073	0.0001268	0.060479	-1.1061
2w4w_SITTD	0.05402124	0.52948487	0.00010876	0.092731	-0.097097
2w4w_SITTD	0.07165898	0.70126784	0.00012378	0.073503	-0.90497
2w4w_SITTD	0.07796163	0.7626526	0.00012759	0.058113	-1.1478
2w4w_SITTD	0.05319751	0.52146214	0.00010807	0.092373	-0.059017
2w4w_SITTD	0.06860178	0.6714922	0.00012161	0.084113	-0.7609
2w4w_SITTD	0.01579121	0.15714318	6.54E-05	0.023132	0.26052
2w4w_SITTD	0.02999296	0.29546127	8.15E-05	0.067903	0.72675
2w4w_SITTD	0.06529441	0.63928	0.00011898	0.094504	-0.60919
2w4w_SITTD	0.08553561	0.83641946	0.00013135	0.05287	-1.2923
2w4w_SITTD	0.00488087	0.05088179	5.55E-05	0.0093744	0.23478
2w4w_SITTD	0.00402867	0.04258172	5.50E-05	0.0088178	0.2638
2w4w_SITTD	0.03315468	0.32625487	8.57E-05	0.086671	0.61617
2w4w_SITTD	0.05265031	0.5161328	0.00010738	0.092189	-0.046772
2w4w_SITTD	0.00541226	0.05605722	5.61E-05	0.0099627	0.20797
2w4w_SITTD	0.08204221	0.80239546	0.00012976	0.054048	-1.2424
2w4w_SITTD	0.05657996	0.5544056	0.00011144	0.095284	-0.19309
2w4w_SITTD	0.04969328	0.48733267	0.00010453	0.09379	0.052555
2w4w_SITTD	0.08278741	0.80965334	0.00013009	0.053693	-1.2543
2w4w_SITTD	0.01136882	0.11407124	6.11E-05	0.016373	0.1115
2w4w_SITTD	0.08774683	0.85795563	0.00013235	0.052652	-1.3123
2w4w_SITTD	0.04735992	0.46460697	0.00010197	0.098057	0.11903
2w4w_SITTD	0.01568562	0.15611479	6.54E-05	0.023132	0.26052
2w4w_SITTD	0.04245209	0.4168071	9.66E-05	0.10808	0.24945
2w4w_SITTD	0.04761213	0.46706337	0.00010234	0.09734	0.10986
2w4w_SITTD	0.02301624	0.22751144	7.34E-05	0.039406	0.67444
2w4w_SITTD	0.08042627	0.786657	0.00012889	0.055287	-1.2081
2w4w_SITTD	0.02032074	0.20125853	7.02E-05	0.032119	0.52662
2w4w_SITTD	0.02863996	0.28228372	7.99E-05	0.060913	0.75723
2w4w_SITTD	0.06631494	0.6492196	0.00011979	0.091802	-0.66011
2w4w_SITTD	0.00515182	0.05352069	5.58E-05	0.0096645	0.22108
2w4w_SITTD	0.04866344	0.47730258	0.00010344	0.095375	0.081803
2w4w_SITTD	0.04712826	0.46235067	0.00010159	0.098799	0.11903
2w4w_SITTD	0.08032138	0.7856354	0.00012889	0.055287	-1.2081
2w4w_SITTD	0.06450419	0.63158375	0.00011843	0.096001	-0.55833
2w4w_SITTD	0.05803996	0.5686253	0.00011273	0.096781	-0.26697
2w4w_SITTD	0.07322559	0.71652585	0.00012469	0.069151	-0.97873
2w4w_SITTD	0.04497258	0.44135538	9.93E-05	0.10345	0.18258
2w4w_SITTD	0.05839727	0.57210535	0.00011305	0.097132	-0.2822
2w4w_SITTD	0.07960244	0.7786333	0.00012853	0.055948	-1.1924

2w4w_SITTD	0.05601167	0.5488707	0.00011078	0.094541	-0.17881
2w4w_SITTD	0.06522145	0.6385695	0.00011898	0.094504	-0.60919
2w4w_SITTD	0.00354516	0.03787266	5.44E-05	0.0082917	0.2947
2w4w_SITTD	0.06326208	0.61948615	0.0001173	0.098072	-0.50782
2w4w_SITTD	0.05572791	0.54610705	0.00011045	0.094186	-0.16472
2w4w_SITTD	0.04400273	0.43190953	9.82E-05	0.10565	0.20107
2w4w_SITTD	0.03384555	0.3329836	8.65E-05	0.090344	0.58656
2w4w_SITTD	0.07939053	0.77656937	0.00012835	0.05632	-1.1841
2w4w_SITTD	0.04711549	0.4622263	0.00010159	0.098799	0.11903
2w4w_SITTD	0.04502092	0.44182622	9.93E-05	0.10345	0.17344
2w4w_SITTD	0.04178077	0.41026878	9.58E-05	0.10896	0.27003
2w4w_SITTD	0.0827575	0.809362	0.00013009	0.053693	-1.2543
2w4w_SITTD	0.06327336	0.619596	0.0001173	0.098072	-0.50782
2w4w_SITTD	0.02243954	0.22189465	7.26E-05	0.037419	0.65846
2w4w_SITTD	0.05234299	0.51313955	0.00010703	0.092172	-0.03476
2w4w_SITTD	0.05749653	0.56333256	0.00011209	0.096042	-0.23694
2w4w_SITTD	0.0697297	0.68247765	0.00012235	0.080544	-0.82636
2w4w_SITTD	0.04327446	0.42481655	9.74E-05	0.10696	0.22964
2w4w_SITTD	0.07364566	0.7206172	0.00012491	0.068128	-0.99278
2w4w_SITTD	0.06255688	0.61261785	0.00011672	0.098627	-0.47447
2w4w_SITTD	0.06607261	0.6468593	0.00011953	0.092756	-0.64315
2w4w_SITTD	0.07559765	0.7396286	0.00012619	0.062687	-1.0712
2w4w_SITTD	0.04461795	0.43790147	9.89E-05	0.10421	0.19178
2w4w_SITTD	0.03622999	0.35620683	8.94E-05	0.10166	0.47826
2w4w_SITTD	0.02703969	0.26669782	7.82E-05	0.054511	0.77219
2w4w_SITTD	0.07207822	0.70535105	0.00012401	0.07238	-0.93514
2w4w_SITTD	0.02734356	0.26965737	7.86E-05	0.05605	0.77153
2w4w_SITTD	0.04359293	0.42791826	9.78E-05	0.10633	0.21998
2w4w_SITTD	0.04800671	0.47090635	0.00010271	0.09665	0.10061
2w4w_SITTD	0.0689403	0.6747893	0.00012186	0.08293	-0.77743
2w4w_SITTD	0.01102974	0.11076875	6.08E-05	0.015922	0.10884
2w4w_SITTD	0.07273499	0.71174765	0.00012446	0.070202	-0.96444
2w4w_SITTD	0.0261938	0.2584593	7.70E-05	0.050154	0.76965
2w4w_SITTD	0.04505231	0.44213194	9.93E-05	0.10345	0.17344
2w4w_SITTD	0.06313582	0.61825645	0.0001173	0.098072	-0.49111
2w4w_SITTD	0.03304227	0.32516003	8.52E-05	0.084798	0.61617
2w4w_SITTD	0.03596139	0.35359082	8.90E-05	0.10026	0.49376
2w4w_SITTD	0.06458293	0.6323506	0.00011843	0.096001	-0.57526
2w4w_SITTD	0.04688314	0.4599633	0.00010159	0.098799	0.12814
2w4w_SITTD	0.00229873	0.02573302	5.36E-05	0.0075574	0.34395
2w4w_SITTD	0.02773718	0.27349105	7.90E-05	0.057632	0.76966
2w4w_SITTD	0.0554144	0.54305357	0.00011011	0.093847	-0.1508
2w4w_SITTD	0.07566889	0.7403224	0.00012619	0.062687	-1.0712
2w4w_SITTD	0.03617644	0.35568532	8.90E-05	0.10026	0.47826
2w4w_SITTD	0.02302643	0.22761062	7.34E-05	0.039406	0.67444
2w4w_SITTD	0.03990638	0.3920131	9.34E-05	0.10962	0.32588

2w4w_SITTD	0.07880635	0.77087975	0.00012797	0.057152	-1.1666
2w4w_SITTD	0.03765966	0.3701312	9.10E-05	0.1063	0.41807
2w4w_SITTD	0.07362469	0.72041285	0.00012491	0.068128	-0.99278
2w4w_SITTD	0.03420416	0.33647627	8.69E-05	0.09213	0.57137
2w4w_SITTD	0.083527	0.81685656	0.00013042	0.053406	-1.2651
2w4w_SITTD	0.02261336	0.22358756	7.30E-05	0.038397	0.65846
2w4w_SITTD	0.02096905	0.20757279	7.10E-05	0.033786	0.56707
2w4w_SITTD	0.07530408	0.7367694	0.00012598	0.063504	-1.0589
2w4w_SITTD	0.05652789	0.5538984	0.00011144	0.095284	-0.19309
2w4w_SITTD	0.04932087	0.48370564	0.00010417	0.094268	0.062467
2w4w_SITTD	0.02498822	0.24671751	7.58E-05	0.046199	0.74769
2w4w_SITTD	0.03860384	0.37932697	9.18E-05	0.10791	0.37625
2w4w_SITTD	0.04165684	0.4090617	9.54E-05	0.10929	0.27003
2w4w_SITTD	0.00416002	0.04386107	5.50E-05	0.0088178	0.2638
2w4w_SITTD	0.05905481	0.57850945	0.00011368	0.097776	-0.31309
2w4w_SITTD	0.02096134	0.20749772	7.10E-05	0.033786	0.56707
2w4w_SITTD	0.05292618	0.5188196	0.00010773	0.092257	-0.059017
2w4w_SITTD	0.04948053	0.48526067	0.00010417	0.094268	0.052555
2w4w_SITTD	0.08022505	0.7846972	0.00012889	0.055287	-1.2004
2w4w_SITTD	0.05067437	0.49688804	0.00010561	0.092703	0.021622
2w4w_SITTD	0.065897	0.64514905	0.00011953	0.092756	-0.64315
2w4w_SITTD	0.06860799	0.6715528	0.00012161	0.084113	-0.7609
2w4w_SITTD	0.06796703	0.6653101	0.0001211	0.086439	-0.74427
2w4w_SITTD	0.07302009	0.71452445	0.00012469	0.069151	-0.96444
2w4w_SITTD	0.07894532	0.7722333	0.00012816	0.056721	-1.1755
2w4w_SITTD	0.02365646	0.23374684	7.42E-05	0.041523	0.70349
2w4w_SITTD	0.05702933	0.5587823	0.00011177	0.095663	-0.22216
2w4w_SITTD	0.0770533	0.75380594	0.000127	0.059827	-1.117
2w4w_SITTD	0.05719699	0.5604152	0.00011209	0.096042	-0.22216
2w4w_SITTD	0.0534051	0.52348405	0.00010842	0.092532	-0.07149
2w4w_SITTD	0.02179839	0.21565019	7.18E-05	0.035549	0.62396
2w4w_SITTD	0.08710356	0.85169053	0.00013207	0.052686	-1.3094
2w4w_SITTD	0.01649779	0.16402493	6.62E-05	0.024342	0.29808
2w4w_SITTD	0.06086454	0.5961353	0.00011523	0.098828	-0.39249
2w4w_SITTD	0.05269237	0.5165423	0.00010738	0.092189	-0.046772
2w4w_SITTD	0.05968887	0.58468485	0.00011431	0.098311	-0.32873
2w4w_SITTD	0.06454642	0.631995	0.00011843	0.096001	-0.57526
2w4w_SITTD	0.07968092	0.7793976	0.00012853	0.055948	-1.1924
2w4w_SITTD	0.0827397	0.80918866	0.00013009	0.053693	-1.2543
2w4w_SITTD	0.07016567	0.68672377	0.0001226	0.07935	-0.8424
2w4w_SITTD	0.03470389	0.34134343	8.73E-05	0.093873	0.55601
2w4w_SITTD	0.04942133	0.4846841	0.00010417	0.094268	0.062467
2w4w_SITTD	0.03139663	0.30913234	8.32E-05	0.075317	0.6834
2w4w_SITTD	0.0267291	0.2636729	7.78E-05	0.053015	0.77158
2w4w_SITTD	0.02339218	0.2311729	7.38E-05	0.040447	0.68948
2w4w_SITTD	0.0664869	0.65089434	0.00012006	0.090801	-0.66011

2w4w_SITTD	0.0437175	0.4291315	9.78E-05	0.10633	0.21046
2w4w_SITTD	0.04299594	0.42210388	9.70E-05	0.10755	0.22964
2w4w_SITTD	0.06686052	0.6545332	0.00012032	0.089759	-0.67704
2w4w_SITTD	0.05210282	0.5108004	0.00010703	0.092172	-0.022986
2w4w_SITTD	0.04868428	0.4775056	0.00010344	0.095375	0.081803
2w4w_SITTD	0.06981304	0.6832893	0.00012235	0.080544	-0.82636
2w4w_SITTD	0.00615615	0.06330238	5.66E-05	0.010584	0.18365
2w4w_SITTD	0.0285071	0.28098974	7.99E-05	0.060913	0.76245
2w4w_SITTD	0.0408234	0.40094444	9.46E-05	0.10971	0.3027
2w4w_SITTD	0.05868436	0.5749014	0.00011337	0.097465	-0.2822
2w4w_SITTD	0.05836809	0.5718211	0.00011305	0.097132	-0.2822
2w4w_SITTD	0.0430596	0.42272392	9.70E-05	0.10755	0.22964
2w4w_SITTD	0.04905634	0.48112926	0.00010381	0.094798	0.072211
2w4w_SITTD	0.04508033	0.44240487	9.93E-05	0.10345	0.17344
2w4w_SITTD	0.06082799	0.5957793	0.00011523	0.098828	-0.39249
2w4w_SITTD	0.04874227	0.47807032	0.00010344	0.095375	0.081803
2w4w_SITTD	0.03068656	0.3022166	8.23E-05	0.07157	0.70647
2w4w_SITTD	0.03476307	0.34191978	8.73E-05	0.093873	0.54051
2w4w_SITTD	0.05233494	0.51306117	0.00010703	0.092172	-0.03476
2w4w_SITTD	0.00743233	0.07573175	5.78E-05	0.011928	0.14372
2w4w_SITTD	0.07030037	0.68803567	0.00012284	0.078159	-0.8424
2w4w_SITTD	0.01959634	0.19420321	6.95E-05	0.030541	0.48489
2w4w_SITTD	0.06234353	0.61054	0.00011672	0.098627	-0.4579
2w4w_SITTD	0.02601238	0.25669232	7.70E-05	0.050154	0.76634
2w4w_SITTD	0.02570991	0.25374645	7.66E-05	0.04879	0.7616
2w4w_SITTD	0.01001099	0.10084664	5.98E-05	0.014626	0.1081
2w4w_SITTD	0.0624621	0.6116947	0.00011672	0.098627	-0.47447
2w4w_SITTD	0.05389844	0.5282889	0.00010876	0.092731	-0.084185
2w4w_SITTD	0.0730035	0.71436286	0.00012469	0.069151	-0.96444
2w4w_SITTD	0.02752024	0.27137816	7.86E-05	0.05605	0.77153
2w4w_SITTD	0.05409676	0.53022045	0.0001091	0.092966	-0.097097
2w4w_SITTD	0.07310611	0.7153622	0.00012469	0.069151	-0.97873
2w4w_SITTD	0.00880653	0.08911578	5.89E-05	0.013414	0.11742
2w4w_SITTD	0.05461753	0.53529245	0.00010944	0.093233	-0.12355
2w4w_SITTD	0.07382707	0.722384	0.00012513	0.067136	-1.0066
2w4w_SITTD	0.02567811	0.25343677	7.66E-05	0.04879	0.7616
2w4w_SITTD	0.06594814	0.6456471	0.00011953	0.092756	-0.64315
2w4w_SITTD	0.05855674	0.5736584	0.00011337	0.097465	-0.2822
2w4w_SITTD	0.02350414	0.23226333	7.38E-05	0.040447	0.70349
2w4w_SITTD	0.01379254	0.13767706	6.34E-05	0.019794	0.16714
2w4w_SITTD	0.01432509	0.14286387	6.41E-05	0.020862	0.19442
2w4w_SITTD	0.02985131	0.29408163	8.15E-05	0.067903	0.7357
2w4w_SITTD	0.04592375	0.4506193	0.00010046	0.10111	0.1553
2w4w_SITTD	0.00323096	0.03481248	5.42E-05	0.0080398	0.31077
2w4w_SITTD	0.07462712	0.7301761	0.00012556	0.06525	-1.0333
2w4w_SITTD	0.04254899	0.41775087	9.66E-05	0.10808	0.24945

2w4w_SITTD	0.02314233	0.22873951	7.34E-05	0.039406	0.68948
2w4w_SITTD	0.05236433	0.51334745	0.00010703	0.092172	-0.03476
2w4w_SITTD	0.02697118	0.26603058	7.82E-05	0.054511	0.77219
2w4w_SITTD	0.07523016	0.7360494	0.00012598	0.063504	-1.0589
2w4w_SITTD	0.06014011	0.58907974	0.00011462	0.098526	-0.36038
2w4w_SITTD	0.06107836	0.59821784	0.00011553	0.098907	-0.39249
2w4w_SITTD	0.05582985	0.5470999	0.00011078	0.094541	-0.16472
2w4w_SITTD	0.07304291	0.7147467	0.00012469	0.069151	-0.96444
2w4w_SITTD	0.00653138	0.06695692	5.69E-05	0.010907	0.17252
2w4w_SITTD	0.01640333	0.16310488	6.62E-05	0.024342	0.29808
2w4w_SITTD	0.06878441	0.67327094	0.00012161	0.084113	-0.77743
2w4w_SITTD	0.08068929	0.78921866	0.00012907	0.054994	-1.2155
2w4w_SITTD	0.07774667	0.760559	0.0001274	0.058646	-1.1379
2w4w_SITTD	0.00648076	0.06646395	5.69E-05	0.010907	0.17252
2w4w_SITTD	0.03196058	0.31462488	8.40E-05	0.07911	0.67094
2w4w_SITTD	0.03105403	0.30579552	8.28E-05	0.073435	0.69526
2w4w_SITTD	0.04766499	0.4675782	0.00010234	0.09734	0.10986
2w4w_SITTD	0.06449901	0.63153327	0.00011843	0.096001	-0.55833
2w4w_SITTD	0.01466239	0.14614901	6.44E-05	0.021412	0.20962
2w4w_SITTD	0.02727233	0.26896363	7.82E-05	0.054511	0.77153
2w4w_SITTD	0.05776861	0.5659824	0.00011241	0.096416	-0.25188
2w4w_SITTD	0.06877651	0.67319405	0.00012161	0.084113	-0.77743
2w4w_SITTD	0.02697726	0.26608986	7.82E-05	0.054511	0.77219
2w4w_SITTD	0.06679887	0.6539328	0.00012032	0.089759	-0.67704
2w4w_SITTD	0.01120467	0.11247248	6.11E-05	0.016373	0.1115
2w4w_SITTD	0.01450943	0.14465922	6.41E-05	0.020862	0.19442
2w4w_SITTD	0.0652063	0.6384219	0.00011898	0.094504	-0.60919
2w4w_SITTD	0.0671196	0.6570565	0.00012032	0.089759	-0.69393
2w4w_SITTD	0.03278638	0.3226678	8.48E-05	0.082909	0.6305
2w4w_SITTD	0.01483607	0.14784057	6.44E-05	0.021412	0.20962
2w4w_SITTD	0.06351692	0.62196815	0.00011758	0.097678	-0.5246
2w4w_SITTD	0.08290412	0.81079	0.00013009	0.053693	-1.2543
2w4w_SITTD	0.03506196	0.34483078	8.77E-05	0.095565	0.54051
2w4w_SITTD	0.03822871	0.37567338	9.14E-05	0.10717	0.38979
2w4w_SITTD	0.0741838	0.7258584	0.00012534	0.066176	-1.0201
2w4w_SITTD	0.00560649	0.05794899	5.61E-05	0.0099627	0.20797
2w4w_SITTD	0.0640242	0.6269089	0.00011787	0.097201	-0.54144
2w4w_SITTD	0.02441199	0.2411053	7.50E-05	0.043782	0.72811
2w4w_SITTD	0.07086256	0.6935111	0.00012308	0.076976	-0.87403
2w4w_SITTD	0.04830859	0.47384655	0.00010308	0.095994	0.091263
2w4w_SITTD	0.04183409	0.41078803	9.58E-05	0.10896	0.27003
2w4w_SITTD	0.0558346	0.5471462	0.00011078	0.094541	-0.16472
2w4w_SITTD	0.06945139	0.679767	0.00012211	0.081739	-0.81017
2w4w_SITTD	0.05295607	0.5191106	0.00010773	0.092257	-0.059017
2w4w_SITTD	0.04763141	0.46725115	0.00010234	0.09734	0.10986
2w4w_SITTD	0.07122097	0.6970019	0.00012331	0.075804	-0.88959

2w4w_SITTD	0.07829348	0.76588464	0.00012778	0.057615	-1.1573
2w4w_SITTD	0.05644918	0.5531318	0.00011111	0.094909	-0.19309
2w4w_SITTD	0.03806479	0.37407687	9.14E-05	0.10717	0.40374
2w4w_SITTD	0.06718361	0.6576799	0.00012058	0.088682	-0.69393
2w4w_SITTD	0.05737979	0.56219554	0.00011209	0.096042	-0.23694
2w4w_SITTD	0.04558464	0.4473166	0.00010009	0.1019	0.16436
2w4w_SITTD	0.02781814	0.27427953	7.90E-05	0.057632	0.76966
2w4w_SITTD	0.07888731	0.77166826	0.00012816	0.056721	-1.1755
2w4w_SITTD	0.05676873	0.55624413	0.00011144	0.095284	-0.20754
2w4w_SITTD	0.04661906	0.45739135	0.00010122	0.099559	0.13721
2w4w_SITTD	0.05991097	0.586848	0.00011431	0.098311	-0.3445
2w4w_SITTD	0.0635917	0.6226965	0.00011758	0.097678	-0.5246
2w4w_SITTD	0.09696878	0.9477729	0.00013536	0.052262	-1.3446
2w4w_SITTD	0.06460719	0.63258684	0.00011843	0.096001	-0.57526
2w4w_SITTD	0.04663158	0.45751324	0.00010122	0.099559	0.13721
2w4w_SITTD	0.02782903	0.27438563	7.90E-05	0.057632	0.76966
2w4w_SITTD	0.02382368	0.23537552	7.42E-05	0.041523	0.71639
2w4w_SITTD	0.08662768	0.8470557	0.00013179	0.052739	-1.3031
2w4w_SITTD	0.05537058	0.54262686	0.00011011	0.093847	-0.1508
2w4w_SITTD	0.07706899	0.75395876	0.000127	0.059827	-1.117
2w4w_SITTD	0.02931731	0.28888074	8.07E-05	0.064343	0.7438
2w4w_SITTD	0.05819447	0.5701301	0.00011273	0.096781	-0.26697
2w4w_SITTD	0.07574308	0.741045	0.0001264	0.06191	-1.0712
2w4w_SITTD	0.02170538	0.2147443	7.18E-05	0.035549	0.6056
2w4w_SITTD	0.07366406	0.7207964	0.00012513	0.067136	-0.99278
2w4w_SITTD	0.04738819	0.4648823	0.00010197	0.098057	0.11903
2w4w_SITTD	0.06820404	0.6676184	0.00012136	0.085284	-0.74427
2w4w_SITTD	0.06981261	0.6832851	0.00012235	0.080544	-0.82636
2w4w_SITTD	0.06363068	0.62307614	0.00011758	0.097678	-0.5246
2w4w_SITTD	0.01866213	0.18510449	6.84E-05	0.028322	0.44251
2w4w_SITTD	0.05885274	0.57654136	0.00011337	0.097465	-0.29758
2w4w_SITTD	0.06988907	0.6840298	0.0001226	0.07935	-0.82636
2w4w_SITTD	0.05143921	0.5043372	0.00010632	0.092309	-0.0001745
2w4w_SITTD	0.04681338	0.4592839	0.00010122	0.099559	0.12814
2w4w_SITTD	0.04080569	0.40077192	9.46E-05	0.10971	0.3027
2w4w_SITTD	0.00743692	0.07577648	5.78E-05	0.011928	0.14372
2w4w_SITTD	0.04241832	0.41647813	9.66E-05	0.10808	0.24945
2w4w_SITTD	0.07722513	0.7554794	0.0001272	0.059217	-1.1276
2w4w_SITTD	0.05269526	0.51657057	0.00010738	0.092189	-0.046772
2w4w_SITTD	0.0344184	0.33856285	8.69E-05	0.09213	0.55601
2w4w_SITTD	0.0631489	0.6183839	0.0001173	0.098072	-0.50782
2w4w_SITTD	0.03999922	0.39291734	9.34E-05	0.10962	0.32588
2w4w_SITTD	0.0218431	0.21608564	7.22E-05	0.03647	0.62396
2w4w_SITTD	0.03521615	0.3463326	8.81E-05	0.097198	0.52494
2w4w_SITTD	0.02182875	0.21594588	7.22E-05	0.03647	0.62396
2w4w_SITTD	0.07164507	0.7011324	0.00012378	0.073503	-0.90497

2w4w_SITTD	0.04148061	0.40734532	9.54E-05	0.10929	0.28067
2w4w_SITTD	0.08753602	0.85590243	0.00013221	0.052667	-1.3123
2w4w_SITTD	0.07624693	0.74595225	0.0001266	0.061174	-1.0948
2w4w_SITTD	0.06008767	0.588569	0.00011462	0.098526	-0.36038
2w4w_SITTD	0.06010686	0.58875585	0.00011462	0.098526	-0.36038
2w4w_SITTD	0.06647463	0.65077484	0.00012006	0.090801	-0.66011
2w4w_SITTD	0.06280987	0.61508185	0.00011701	0.098387	-0.49111
2w4w_SITTD	0.04200951	0.4124966	9.58E-05	0.10896	0.25963
2w4w_SITTD	0.07136789	0.6984328	0.00012355	0.074645	-0.90497
2w4w_SITTD	0.02656395	0.2620644	7.74E-05	0.051562	0.77158
2w4w_SITTD	0.0060071	0.0618507	5.63E-05	0.010269	0.18365
2w4w_SITTD	0.0799567	0.78208363	0.00012871	0.055605	-1.2004
2w4w_SITTD	0.0545223	0.534365	0.00010944	0.093233	-0.11022
2w4w_SITTD	0.08549213	0.83599603	0.00013135	0.05287	-1.2923
2w4w_SITTD	0.0565653	0.5542628	0.00011144	0.095284	-0.19309
2w4w_SITTD	0.04995838	0.48991466	0.00010453	0.09379	0.042456
2w4w_SITTD	0.07250641	0.7095215	0.00012424	0.071279	-0.9499
2w4w_SITTD	0.05881459	0.5761697	0.00011337	0.097465	-0.29758
2w4w_SITTD	0.0475554	0.4665108	0.00010197	0.098057	0.10986
2w4w_SITTD	0.07480026	0.7318624	0.00012577	0.064358	-1.0462
2w4w_SITTD	0.06248556	0.6119232	0.00011672	0.098627	-0.47447
2w4w_SITTD	0.065507	0.6413506	0.00011925	0.093659	-0.60919
2w4w_SITTD	0.06475029	0.63398063	0.00011871	0.095287	-0.57526
2w4w_SITTD	0.0533734	0.52317524	0.00010807	0.092373	-0.07149
2w4w_SITTD	0.04536568	0.44518405	9.97E-05	0.10268	0.16436
2w4w_SITTD	0.01392533	0.13897036	6.37E-05	0.020323	0.18023
2w4w_SITTD	0.06056652	0.5932327	0.00011492	0.0987	-0.37638
2w4w_SITTD	0.03769547	0.37047994	9.10E-05	0.1063	0.41807
2w4w_SITTD	0.08696161	0.850308	0.00013193	0.052709	-1.3063
2w4w_SITTD	0.05397411	0.52902585	0.00010876	0.092731	-0.097097
2w4w_SITTD	0.05247086	0.514385	0.00010738	0.092189	-0.03476
2w4w_SITTD	0.02950706	0.29072887	8.11E-05	0.066108	0.7438
2w4w_SITTD	0.06289769	0.6159372	0.00011701	0.098387	-0.49111
2w4w_SITTD	0.04257513	0.41800538	9.66E-05	0.10808	0.24945
2w4w_SITTD	0.0488345	0.4789686	0.00010344	0.095375	0.072211
2w4w_SITTD	0.0462915	0.4542011	0.00010084	0.10033	0.14626
2w4w_SITTE	0.0313735	0.308907	8.32E-05	0.075317	0.6834
2w4w_SITTE	0.03038392	0.29926905	8.19E-05	0.069725	0.71698
2w4w_SITTE	0.06291396	0.61609566	0.00011701	0.098387	-0.49111
2w4w_SITTE	0.03594213	0.3534032	8.90E-05	0.10026	0.49376
2w4w_SITTE	0.06306296	0.6175468	0.0001173	0.098072	-0.49111
2w4w_SITTE	0.02226101	0.2201559	7.26E-05	0.037419	0.64161
2w4w_SITTE	0.06370538	0.6238037	0.00011787	0.097201	-0.5246
2w4w_SITTE	0.03420302	0.3364652	8.69E-05	0.09213	0.57137
2w4w_SITTE	0.04386265	0.43054524	9.82E-05	0.10565	0.21046
2w4w_SITTE	0.08646258	0.84544766	0.00013179	0.052739	-1.3031

2w4w_SITTE4	0.06357992	0.6225817	0.00011758	0.097678	-0.5246
2w4w_SITTE4	0.0649707	0.6361273	0.00011871	0.095287	-0.59222
2w4w_SITTE4	0.05249641	0.51463383	0.00010738	0.092189	-0.03476
2w4w_SITTE4	0.06314798	0.6183749	0.0001173	0.098072	-0.50782
2w4w_SITTE4	0.01501344	0.14956807	6.47E-05	0.021973	0.22576
2w4w_SITTE4	0.05601301	0.54888374	0.00011078	0.094541	-0.17881
2w4w_SITTE4	0.05087501	0.4988422	0.00010561	0.092703	0.010852
2w4w_SITTE4	0.06835844	0.66912216	0.00012136	0.085284	-0.7609
2w4w_SITTE4	0.06942181	0.67947894	0.00012211	0.081739	-0.81017
2w4w_SITTE4	0.02667696	0.263165	7.78E-05	0.053015	0.77158
2w4w_SITTE4	0.04488684	0.44052035	9.93E-05	0.10345	0.18258
2w4w_SITTE4	0.05433266	0.53251797	0.0001091	0.092966	-0.11022
2w4w_SITTE4	0.08617184	0.84261596	0.00013164	0.052775	-1.2997
2w4w_SITTE4	0.08417314	0.8231497	0.00013074	0.053178	-1.2751
2w4w_SITTE4	0.05246621	0.5143396	0.00010738	0.092189	-0.03476
2w4w_SITTE4	0.07342541	0.718472	0.00012491	0.068128	-0.99278
2w4w_SITTE4	0.07360393	0.72021073	0.00012491	0.068128	-0.99278
2w4w_SITTE4	0.07592114	0.74277925	0.0001264	0.06191	-1.0832
2w4w_SITTE4	0.06892593	0.67464924	0.00012186	0.08293	-0.77743
2w4w_SITTE4	0.04892524	0.47985244	0.00010344	0.095375	0.072211
2w4w_SITTE4	0.07151111	0.69982773	0.00012355	0.074645	-0.90497
2w4w_SITTE4	0.04829057	0.47367102	0.00010308	0.095994	0.091263
2w4w_SITTE4	0.05541747	0.5430835	0.00011011	0.093847	-0.1508
2w4w_SITTE4	0.04757366	0.4666887	0.00010234	0.09734	0.10986
2w4w_SITTE4	0.06293769	0.6163268	0.00011701	0.098387	-0.49111
2w4w_SITTE4	0.07227773	0.70729417	0.00012401	0.07238	-0.93514
2w4w_SITTE4	0.07915108	0.7742372	0.00012816	0.056721	-1.1755
2w4w_SITTE4	0.0486018	0.47670224	0.00010344	0.095375	0.081803
2w4w_SITTE4	0.04982382	0.48860416	0.00010453	0.09379	0.042456
2w4w_SITTE4	0.04859026	0.47658986	0.00010308	0.095994	0.081803
2w4w_SITTE4	0.06512366	0.63761705	0.00011898	0.094504	-0.59222
2w4w_SITTE4	0.05361943	0.52557147	0.00010842	0.092532	-0.084185
2w4w_SITTE4	0.06372869	0.6240307	0.00011787	0.097201	-0.5246
2w4w_SITTE4	0.0168098	0.1670637	6.65E-05	0.024968	0.31771
2w4w_SITTE4	0.03861019	0.3793889	9.18E-05	0.10791	0.37625
2w4w_SITTE4	0.04056137	0.3983924	9.42E-05	0.10978	0.3027
2w4w_SITTE4	0.06393751	0.6260645	0.00011787	0.097201	-0.54144
2w4w_SITTE4	0.06325325	0.61940014	0.0001173	0.098072	-0.50782
2w4w_SITTE4	0.05696085	0.55811524	0.00011177	0.095663	-0.20754
2w4w_SITTE4	0.03639383	0.35780254	8.94E-05	0.10166	0.47826
2w4w_SITTE4	0.0751684	0.7354479	0.00012598	0.063504	-1.0589
2w4w_SITTE4	0.01762796	0.17503223	6.72E-05	0.026262	0.37908
2w4w_SITTE4	0.05624094	0.5511037	0.00011111	0.094909	-0.17881
2w4w_SITTE4	0.01956672	0.19391476	6.95E-05	0.030541	0.48489
2w4w_SITTE4	0.05394764	0.5287681	0.00010876	0.092731	-0.097097
2w4w_SITTE4	0.05216078	0.51136494	0.00010703	0.092172	-0.022986

2w4w_SITTE4	0.01935719	0.19187407	6.91E-05	0.029782	0.48489
2w4w_SITTE4	0.05242373	0.5139259	0.00010738	0.092189	-0.03476
2w4w_SITTE4	0.01654069	0.16444272	6.62E-05	0.024342	0.29808
2w4w_SITTE4	0.04637267	0.45499158	0.00010084	0.10033	0.14626
2w4w_SITTE4	0.05622381	0.5509369	0.00011111	0.094909	-0.17881
2w4w_SITTE4	0.02552286	0.25192463	7.62E-05	0.047472	0.7616
2w4w_SITTE4	0.03806942	0.37412205	9.14E-05	0.10717	0.40374
2w4w_SITTE4	0.00567272	0.05859397	5.63E-05	0.010269	0.19547
2w4w_SITTE4	0.04850492	0.47575864	0.00010308	0.095994	0.081803
2w4w_SITTE4	0.05449487	0.53409785	0.00010944	0.093233	-0.11022
2w4w_SITTE4	0.08467604	0.8280477	0.00013105	0.053002	-1.2797
2w4w_SITTE4	0.06199721	0.6071669	0.00011642	0.098794	-0.44141
2w4w_SITTE4	0.05623145	0.55101126	0.00011111	0.094909	-0.17881
2w4w_SITTE4	0.0682677	0.6682384	0.00012136	0.085284	-0.74427
2w4w_SITTE4	0.08097826	0.7920331	0.00012924	0.054725	-1.2227
2w4w_SITTE4	0.08603381	0.84127164	0.00013164	0.052775	-1.2961
2w4w_SITTE4	0.03177014	0.31277016	8.40E-05	0.07911	0.67094
2w4w_SITTE4	0.0780787	0.7637928	0.00012759	0.058113	-1.1478
2w4w_SITTE4	0.07696553	0.752951	0.000127	0.059827	-1.117
2w4w_SITTE4	0.05325209	0.52199376	0.00010807	0.092373	-0.07149
2w4w_SITTE4	0.04079169	0.40063557	9.46E-05	0.10971	0.3027
2w4w_SITTE4	0.05317507	0.52124363	0.00010807	0.092373	-0.059017
2w4w_SITTE4	0.03554051	0.34949172	8.81E-05	0.097198	0.50933
2w4w_SITTE4	0.06714185	0.6572732	0.00012058	0.088682	-0.69393
2w4w_SITTE4	0.03050391	0.3004377	8.23E-05	0.07157	0.71698
2w4w_SITTE4	0.04734584	0.46446985	0.00010197	0.098057	0.11903
2w4w_SITTE4	0.05066637	0.49681014	0.00010561	0.092703	0.021622
2w4w_SITTE4	0.05932536	0.58114445	0.000114	0.098059	-0.31309
2w4w_SITTE4	0.07018653	0.6869269	0.0001226	0.07935	-0.8424
2w4w_SITTE4	0.06959309	0.68114716	0.00012235	0.080544	-0.81017
2w4w_SITTE4	0.03809045	0.37432688	9.14E-05	0.10717	0.40374
2w4w_SITTE4	0.08781183	0.8585887	0.00013235	0.052652	-1.315
2w4w_SITTE4	0.06484554	0.6349083	0.00011871	0.095287	-0.57526
2w4w_SITTE4	0.04006931	0.3936	9.38E-05	0.10975	0.32588
2w4w_SITTE4	0.05568177	0.5456577	0.00011045	0.094186	-0.16472
2w4w_SITTE4	0.01647118	0.1637657	6.62E-05	0.024342	0.29808
2w4w_SITTE4	0.01579752	0.1572046	6.54E-05	0.023132	0.26052
2w4w_SITTE4	0.01828442	0.18142582	6.80E-05	0.027619	0.4001
2w4w_SITTE4	0.035061	0.34482145	8.77E-05	0.095565	0.54051
2w4w_SITTE4	0.01394364	0.13914877	6.37E-05	0.020323	0.18023
2w4w_SITTE4	0.06737731	0.65956646	0.00012058	0.088682	-0.71078
2w4w_SITTE4	0.05843825	0.5725044	0.00011305	0.097132	-0.2822
2w4w_SITTE4	0.08232077	0.8051085	0.00012993	0.053861	-1.2485
2w4w_SITTE4	0.02664157	0.2628204	7.78E-05	0.053015	0.77158
2w4w_SITTE4	0.04047994	0.3975993	9.42E-05	0.10978	0.31414
2w4w_SITTE4	0.03320209	0.32671663	8.57E-05	0.086671	0.61617

2w4w_SITTE4	0.04776983	0.46859926	0.00010234	0.09734	0.10061
2w4w_SITTE4	0.01822212	0.18081905	6.80E-05	0.027619	0.4001
2w4w_SITTE4	0.02085711	0.20648253	7.10E-05	0.033786	0.56707
2w4w_SITTE4	0.01918443	0.19019146	6.91E-05	0.029782	0.46374
2w4w_SITTE4	0.05825071	0.5706779	0.00011305	0.097132	-0.26697
2w4w_SITTE4	0.0670732	0.6566046	0.00012032	0.089759	-0.69393
2w4w_SITTE4	0.0746549	0.73044664	0.00012556	0.06525	-1.0333
2w4w_SITTE4	0.04465875	0.43829885	9.89E-05	0.10421	0.19178
2w4w_SITTE4	0.08386181	0.8201174	0.00013058	0.053285	-1.2702
2w4w_SITTE4	0.01841512	0.18269879	6.84E-05	0.028322	0.42127
2w4w_SITTE4	0.05127478	0.50273573	0.00010597	0.092472	-0.0001745
2w4w_SITTE4	0.0829222	0.8109661	0.00013009	0.053693	-1.2543
2w4w_SITTE4	0.01715552	0.17043091	6.69E-05	0.025607	0.33781
2w4w_SITTE4	0.08688312	0.8495435	0.00013193	0.052709	-1.3063
2w4w_SITTE4	0.0511875	0.50188565	0.00010597	0.092472	-0.0001745
2w4w_SITTE4	0.06988126	0.68395376	0.0001226	0.07935	-0.82636
2w4w_SITTE4	0.00079789	0.01111555	5.23E-05	0.0064696	0.43121
2w4w_SITTE4	0.04048021	0.3976019	9.42E-05	0.10978	0.31414
2w4w_SITTE4	0.01278501	0.12786427	6.24E-05	0.018271	0.13519
2w4w_SITTE4	0.02712151	0.26749474	7.82E-05	0.054511	0.77219
2w4w_SITTE4	0.03166653	0.31176096	8.36E-05	0.07721	0.67094
2w4w_SITTE4	0.05307293	0.5202488	0.00010807	0.092373	-0.059017
2w4w_SITTE4	0.08558757	0.8369255	0.00013135	0.05287	-1.2923
2w4w_SITTE4	0.06882093	0.67362666	0.00012161	0.084113	-0.77743
2w4w_SITTE4	0.00411826	0.0434543	5.50E-05	0.0088178	0.2638
2w4w_SITTE4	0.05915729	0.5795075	0.00011368	0.097776	-0.31309
2w4w_SITTE4	0.07522778	0.73602617	0.00012598	0.063504	-1.0589
2w4w_SITTE4	0.04421714	0.43399784	9.86E-05	0.10494	0.20107
2w4w_SITTE4	0.04702223	0.46131802	0.00010159	0.098799	0.12814
2w4w_SITTE4	0.05954373	0.5832712	0.000114	0.098059	-0.32873
2w4w_SITTE4	0.05448	0.533953	0.00010944	0.093233	-0.11022
2w4w_SITTE4	0.03987807	0.3917374	9.34E-05	0.10962	0.32588
2w4w_SITTE4	0.04691529	0.46027645	0.00010159	0.098799	0.12814
2w4w_SITTE4	0.065374	0.64005524	0.00011898	0.094504	-0.60919
2w4w_SITTE4	0.00632362	0.06493348	5.66E-05	0.010584	0.18365
2w4w_SITTE4	0.07200648	0.7046523	0.00012401	0.07238	-0.92016
7w11w_SITTC	0.04886674	0.47928265	0.00010344	0.095375	0.072211
7w11w_SITTC	0.05787853	0.567053	0.00011273	0.096781	-0.25188
7w11w_SITTC	0.04671577	0.45833328	0.00010122	0.099559	0.13721
7w11w_SITTC	0.06994077	0.6845333	0.0001226	0.07935	-0.82636
7w11w_SITTC	0.07270043	0.71141106	0.00012446	0.070202	-0.9499
7w11w_SITTC	0.02893003	0.28510883	8.03E-05	0.062611	0.751
7w11w_SITTC	0.06645689	0.65060204	0.00012006	0.090801	-0.66011
7w11w_SITTC	0.05690971	0.55761725	0.00011177	0.095663	-0.20754
7w11w_SITTC	0.07616996	0.7452026	0.0001266	0.061174	-1.0948
7w11w_SITTC	0.06684259	0.65435857	0.00012032	0.089759	-0.67704

7w11w_SITTC	0.05854804	0.57357377	0.00011305	0.097132	-0.2822
7w11w_SITTC	0.077348	0.75667614	0.0001272	0.059217	-1.1276
7w11w_SITTC	0.04593889	0.45076686	0.00010046	0.10111	0.1553
7w11w_SITTC	0.04495609	0.44119483	9.93E-05	0.10345	0.18258
7w11w_SITTC	0.07024813	0.68752694	0.00012284	0.078159	-0.8424
7w11w_SITTC	0.06744717	0.6602469	0.00012058	0.088682	-0.71078
7w11w_SITTC	0.06024095	0.5900619	0.00011462	0.098526	-0.36038
7w11w_SITTC	0.06216951	0.60884506	0.00011642	0.098794	-0.4579
7w11w_SITTC	0.05422478	0.53146726	0.0001091	0.092966	-0.097097
7w11w_SITTC	0.02050935	0.20309554	7.06E-05	0.032941	0.54704
7w11w_SITTC	0.05597365	0.5485004	0.00011078	0.094541	-0.17881
7w11w_SITTC	0.059013	0.57810223	0.00011368	0.097776	-0.29758
7w11w_SITTC	0.01195076	0.11973903	6.17E-05	0.017303	0.12065
7w11w_SITTC	0.02717898	0.26805452	7.82E-05	0.054511	0.77219
7w11w_SITTC	0.08238301	0.80571467	0.00012993	0.053861	-1.2485
7w11w_SITTC	0.0720968	0.70553195	0.00012401	0.07238	-0.93514
7w11w_SITTC	0.04541476	0.44566205	9.97E-05	0.10268	0.16436
7w11w_SITTC	0.06703045	0.6561882	0.00012032	0.089759	-0.69393
7w11w_SITTC	0.03456966	0.34003606	8.73E-05	0.093873	0.55601
7w11w_SITTC	0.05309546	0.5204683	0.00010807	0.092373	-0.059017
7w11w_SITTC	0.04855804	0.47627604	0.00010308	0.095994	0.081803
7w11w_SITTC	0.00159883	0.01891628	5.31E-05	0.0071026	0.37827
7w11w_SITTC	0.08499696	0.8311733	0.0001312	0.05293	-1.2841
7w11w_SITTC	0.04130428	0.40562797	9.50E-05	0.10955	0.28067
7w11w_SITTC	0.01478388	0.14733227	6.44E-05	0.021412	0.20962
7w11w_SITTC	0.05196235	0.5094324	0.00010668	0.092211	-0.022986
7w11w_SITTC	0.05230188	0.5127391	0.00010703	0.092172	-0.03476
7w11w_SITTC	0.03060694	0.30144113	8.23E-05	0.07157	0.71698
7w11w_SITTC	0.0427403	0.4196141	9.66E-05	0.10808	0.23945
7w11w_SITTC	0.08725856	0.8532001	0.00013207	0.052686	-1.3094
7w11w_SITTC	0.07312653	0.7155611	0.00012469	0.069151	-0.97873
7w11w_SITTC	0.06706464	0.6565212	0.00012032	0.089759	-0.69393
7w11w_SITTC	0.04784368	0.46931848	0.00010234	0.09734	0.10061
7w11w_SITTC	0.0987176	0.9648056	0.00013585	0.052145	-1.3442
7w11w_SITTC	0.05628972	0.5515788	0.00011111	0.094909	-0.17881
7w11w_SITTC	0.05553624	0.54424024	0.00011045	0.094186	-0.1508
7w11w_SITTC	0.03744753	0.3680651	9.06E-05	0.10531	0.43275
7w11w_SITTC	0.0481025	0.47183928	0.00010271	0.09665	0.091263
7w11w_SITTC	0.05224753	0.51220983	0.00010703	0.092172	-0.03476
7w11w_SITTC	0.06322341	0.6191096	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.07031541	0.6881822	0.00012284	0.078159	-0.8424
7w11w_SITTC	0.03486136	0.34287706	8.77E-05	0.095565	0.54051
7w11w_SITTC	0.09142969	0.8938249	0.00013362	0.052552	-1.3347
7w11w_SITTC	0.0401158	0.3940528	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.04950886	0.48553655	0.00010417	0.094268	0.052555
7w11w_SITTC	0.03761722	0.3697178	9.10E-05	0.1063	0.41807

7w11w_SITTC	0.0414218	0.40677252	9.54E-05	0.10929	0.28067
7w11w_SITTC	0.05017754	0.49204916	0.0001049	0.093366	0.032151
7w11w_SITTC	0.03743367	0.36793008	9.06E-05	0.10531	0.43275
7w11w_SITTC	0.0569934	0.5584323	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.06315468	0.6184401	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.07644948	0.74792504	0.0001268	0.060479	-1.0948
7w11w_SITTC	0.05346586	0.5240758	0.00010842	0.092532	-0.07149
7w11w_SITTC	0.01013749	0.1020787	6.02E-05	0.015048	0.10718
7w11w_SITTC	0.08496074	0.83082056	0.00013105	0.053002	-1.2841
7w11w_SITTC	0.01434017	0.14301074	6.41E-05	0.020862	0.19442
7w11w_SITTC	0.04178338	0.41029415	9.58E-05	0.10896	0.27003
7w11w_SITTC	0.04300171	0.42216012	9.70E-05	0.10755	0.22964
7w11w_SITTC	0.02041349	0.20216191	7.02E-05	0.032119	0.54704
7w11w_SITTC	0.07381334	0.7222503	0.00012513	0.067136	-1.0066
7w11w_SITTC	0.04835879	0.4743355	0.00010308	0.095994	0.091263
7w11w_SITTC	0.0769209	0.7525164	0.000127	0.059827	-1.117
7w11w_SITTC	0.07778174	0.7609005	0.00012759	0.058113	-1.1379
7w11w_SITTC	0.0383915	0.37725893	9.18E-05	0.10791	0.38979
7w11w_SITTC	0.05749613	0.5633286	0.00011209	0.096042	-0.23694
7w11w_SITTC	0.04981667	0.48853448	0.00010453	0.09379	0.042456
7w11w_SITTC	0.01754213	0.17419627	6.72E-05	0.026262	0.35829
7w11w_SITTC	0.03760217	0.3695712	9.10E-05	0.1063	0.41807
7w11w_SITTC	0.07301383	0.7144634	0.00012469	0.069151	-0.96444
7w11w_SITTC	0.07383688	0.7224795	0.00012513	0.067136	-1.0066
7w11w_SITTC	0.03412754	0.33573005	8.65E-05	0.090344	0.57137
7w11w_SITTC	0.0789957	0.7727239	0.00012816	0.056721	-1.1755
7w11w_SITTC	0.01177226	0.11800056	6.14E-05	0.016833	0.11542
7w11w_SITTC	0.03531503	0.3472956	8.81E-05	0.097198	0.52494
7w11w_SITTC	0.0676861	0.662574	0.00012084	0.087573	-0.72756
7w11w_SITTC	0.07543073	0.73800284	0.00012619	0.062687	-1.0589
7w11w_SITTC	0.05304749	0.5200011	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.05681312	0.55667645	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.07865609	0.7694163	0.00012797	0.057152	-1.1666
7w11w_SITTC	0.04308262	0.42294815	9.70E-05	0.10755	0.22964
7w11w_SITTC	0.06307237	0.61763847	0.0001173	0.098072	-0.49111
7w11w_SITTC	0.03214494	0.31642047	8.44E-05	0.081011	0.65793
7w11w_SITTC	0.06857444	0.6712259	0.00012161	0.084113	-0.7609
7w11w_SITTC	0.03255257	0.3203906	8.48E-05	0.082909	0.64444
7w11w_SITTC	0.0531819	0.52131015	0.00010807	0.092373	-0.059017
7w11w_SITTC	0.07129951	0.6977668	0.00012355	0.074645	-0.88959
7w11w_SITTC	0.01202566	0.12046854	6.17E-05	0.017303	0.12065
7w11w_SITTC	0.06190698	0.60628814	0.00011613	0.098894	-0.44141
7w11w_SITTC	0.07732902	0.75649124	0.0001272	0.059217	-1.1276
7w11w_SITTC	0.04769305	0.46785146	0.00010234	0.09734	0.10986
7w11w_SITTC	0.05189194	0.50874656	0.00010668	0.092211	-0.022986
7w11w_SITTC	0.02543424	0.2510615	7.62E-05	0.047472	0.75539

7w11w_SITTC	0.07929722	0.7756605	0.00012835	0.05632	-1.1841
7w11w_SITTC	0.06475556	0.63403195	0.00011871	0.095287	-0.57526
7w11w_SITTC	0.00234837	0.0262165	5.36E-05	0.0075574	0.34395
7w11w_SITTC	0.03793042	0.37276822	9.10E-05	0.1063	0.40374
7w11w_SITTC	0.0664466	0.6505018	0.00012006	0.090801	-0.66011
7w11w_SITTC	0.0586996	0.5750499	0.00011337	0.097465	-0.29758
7w11w_SITTC	0.05468992	0.53599757	0.00010944	0.093233	-0.12355
7w11w_SITTC	0.05254799	0.5151362	0.00010738	0.092189	-0.046772
7w11w_SITTC	0.07393025	0.7233889	0.00012513	0.067136	-1.0066
7w11w_SITTC	0.07057255	0.6906865	0.00012308	0.076976	-0.8583
7w11w_SITTC	0.04924721	0.48298824	0.00010381	0.094798	0.062467
7w11w_SITTC	0.01367278	0.13651067	6.34E-05	0.019794	0.16714
7w11w_SITTC	0.04881554	0.47878394	0.00010344	0.095375	0.072211
7w11w_SITTC	0.02911433	0.28690383	8.07E-05	0.064343	0.751
7w11w_SITTC	0.01887072	0.18713611	6.87E-05	0.029043	0.44251
7w11w_SITTC	0.0299316	0.29486367	8.15E-05	0.067903	0.7357
7w11w_SITTC	0.00641565	0.06582975	5.69E-05	0.010907	0.17252
7w11w_SITTC	0.05050784	0.4952661	0.00010525	0.093003	0.021622
7w11w_SITTC	0.05308693	0.5203852	0.00010807	0.092373	-0.059017
7w11w_SITTC	0.06468179	0.6333135	0.00011843	0.096001	-0.57526
7w11w_SITTC	0.00564931	0.05836605	5.61E-05	0.0099627	0.19547
7w11w_SITTC	0.04994565	0.48979068	0.00010453	0.09379	0.042456
7w11w_SITTC	0.06891805	0.6745725	0.00012186	0.08293	-0.77743
7w11w_SITTC	0.04230107	0.41533622	9.62E-05	0.10856	0.24945
7w11w_SITTC	0.05753714	0.56372803	0.00011241	0.096416	-0.23694
7w11w_SITTC	0.05421623	0.53138405	0.0001091	0.092966	-0.097097
7w11w_SITTC	0.01329566	0.13283768	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.04645261	0.45577016	0.00010084	0.10033	0.13721
7w11w_SITTC	0.07710089	0.75426936	0.0001272	0.059217	-1.117
7w11w_SITTC	0.07188078	0.7034281	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.03172508	0.3123313	8.36E-05	0.07721	0.67094
7w11w_SITTC	0.03179828	0.31304416	8.40E-05	0.07911	0.67094
7w11w_SITTC	0.04001806	0.39310077	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.04449197	0.43667454	9.89E-05	0.10421	0.19178
7w11w_SITTC	0.05229484	0.5126706	0.00010703	0.092172	-0.03476
7w11w_SITTC	0.04540321	0.44554958	9.97E-05	0.10268	0.16436
7w11w_SITTC	0.07213144	0.7058694	0.00012401	0.07238	-0.93514
7w11w_SITTC	0.04739289	0.46492803	0.00010197	0.098057	0.11903
7w11w_SITTC	0.04496572	0.4412886	9.93E-05	0.10345	0.18258
7w11w_SITTC	0.02825217	0.2785068	7.94E-05	0.059253	0.76245
7w11w_SITTC	0.06093198	0.59679216	0.00011523	0.098828	-0.39249
7w11w_SITTC	0.06293038	0.6162556	0.00011701	0.098387	-0.49111
7w11w_SITTC	0.04289293	0.42110068	9.70E-05	0.10755	0.23945
7w11w_SITTC	0.05102965	0.50034827	0.00010597	0.092472	0.010852
7w11w_SITTC	0.07278399	0.7122249	0.00012446	0.070202	-0.96444
7w11w_SITTC	0.02813717	0.27738672	7.94E-05	0.059253	0.76661

7w11w_SITTC	0.05544192	0.5433216	0.00011011	0.093847	-0.1508
7w11w_SITTC	0.07245576	0.7090281	0.00012424	0.071279	-0.9499
7w11w_SITTC	0.00585186	0.06033876	5.63E-05	0.010269	0.19547
7w11w_SITTC	0.03372693	0.33182827	8.61E-05	0.088522	0.58656
7w11w_SITTC	0.06488895	0.63533103	0.00011871	0.095287	-0.59222
7w11w_SITTC	0.06290676	0.61602557	0.00011701	0.098387	-0.49111
7w11w_SITTC	0.02752922	0.2714656	7.86E-05	0.05605	0.77153
7w11w_SITTC	0.00612012	0.06295146	5.66E-05	0.010584	0.18365
7w11w_SITTC	0.06059989	0.5935577	0.00011492	0.0987	-0.37638
7w11w_SITTC	0.05295087	0.51906	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.04655505	0.45676792	0.00010122	0.099559	0.13721
7w11w_SITTC	0.06207397	0.60791457	0.00011642	0.098794	-0.44141
7w11w_SITTC	0.01905436	0.18892467	6.87E-05	0.029043	0.46374
7w11w_SITTC	0.08530141	0.8341385	0.0001312	0.05293	-1.2883
7w11w_SITTC	0.08924213	0.87251914	0.00013288	0.052615	-1.3244
7w11w_SITTC	0.06978097	0.68297696	0.00012235	0.080544	-0.82636
7w11w_SITTC	0.02630438	0.25953624	7.74E-05	0.051562	0.76965
7w11w_SITTC	0.05445483	0.5337078	0.00010944	0.093233	-0.11022
7w11w_SITTC	0.05403854	0.52965343	0.00010876	0.092731	-0.097097
7w11w_SITTC	0.09056458	0.88539916	0.00013338	0.052577	-1.3317
7w11w_SITTC	0.05038205	0.49404103	0.00010525	0.093003	0.032151
7w11w_SITTC	0.04835869	0.4743345	0.00010308	0.095994	0.091263
7w11w_SITTC	0.06106019	0.5980409	0.00011553	0.098907	-0.39249
7w11w_SITTC	0.07449026	0.7288432	0.00012556	0.06525	-1.0333
7w11w_SITTC	0.04834184	0.47417042	0.00010308	0.095994	0.091263
7w11w_SITTC	0.05670865	0.55565894	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.07046554	0.6896443	0.00012284	0.078159	-0.8583
7w11w_SITTC	0.0197647	0.195843	6.99E-05	0.031319	0.50588
7w11w_SITTC	0.01564254	0.1556952	6.54E-05	0.023132	0.26052
7w11w_SITTC	0.09688686	0.94697505	0.00013536	0.052262	-1.3446
7w11w_SITTC	0.03836963	0.37704596	9.18E-05	0.10791	0.38979
7w11w_SITTC	0.08352029	0.81679124	0.00013042	0.053406	-1.2651
7w11w_SITTC	0.0447039	0.43873858	9.89E-05	0.10421	0.18258
7w11w_SITTC	0.06872284	0.6726713	0.00012161	0.084113	-0.77743
7w11w_SITTC	0.0431185	0.42329755	9.74E-05	0.10696	0.22964
7w11w_SITTC	0.05997171	0.5874396	0.00011462	0.098526	-0.3445
7w11w_SITTC	0.06168562	0.60413224	0.00011613	0.098894	-0.42501
7w11w_SITTC	0.0624942	0.6120074	0.00011672	0.098627	-0.47447
7w11w_SITTC	0.00506051	0.05263136	5.58E-05	0.0096645	0.22108
7w11w_SITTC	0.01311384	0.13106687	6.27E-05	0.018769	0.14454
7w11w_SITTC	0.04629728	0.45425737	0.00010084	0.10033	0.14626
7w11w_SITTC	0.06048078	0.5923977	0.00011492	0.0987	-0.37638
7w11w_SITTC	0.01753234	0.17410089	6.72E-05	0.026262	0.35829
7w11w_SITTC	0.07891121	0.771901	0.00012816	0.056721	-1.1755
7w11w_SITTC	0.01990952	0.19725345	6.99E-05	0.031319	0.50588
7w11w_SITTC	0.04800434	0.4708833	0.00010271	0.09665	0.10061

7w11w_SITTC	0.05680712	0.55661803	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.00547322	0.05665095	5.61E-05	0.0099627	0.20797
7w11w_SITTC	0.0083287	0.084462	5.84E-05	0.012653	0.12871
7w11w_SITTC	0.05932625	0.5811531	0.000114	0.098059	-0.31309
7w11w_SITTC	0.05438486	0.5330264	0.0001091	0.092966	-0.11022
7w11w_SITTC	0.02802521	0.27629632	7.94E-05	0.059253	0.76661
7w11w_SITTC	0.0547456	0.53653985	0.00010944	0.093233	-0.12355
7w11w_SITTC	0.00550447	0.05695538	5.61E-05	0.0099627	0.20797
7w11w_SITTC	0.04875961	0.4782392	0.00010344	0.095375	0.081803
7w11w_SITTC	0.00780526	0.07936394	5.81E-05	0.012286	0.13577
7w11w_SITTC	0.03001986	0.29572323	8.15E-05	0.067903	0.72675
7w11w_SITTC	0.0728019	0.71239936	0.00012446	0.070202	-0.96444
7w11w_SITTC	0.03838063	0.37715307	9.18E-05	0.10791	0.38979
7w11w_SITTC	0.04433753	0.43517035	9.86E-05	0.10494	0.19178
7w11w_SITTC	0.04795663	0.47041857	0.00010271	0.09665	0.10061
7w11w_SITTC	0.07576002	0.74121	0.0001264	0.06191	-1.0712
7w11w_SITTC	0.0303195	0.2986416	8.19E-05	0.069725	0.71698
7w11w_SITTC	0.01218269	0.12199794	6.17E-05	0.017303	0.12723
7w11w_SITTC	0.0674147	0.65993065	0.00012058	0.088682	-0.71078
7w11w_SITTC	0.00852606	0.08638416	5.86E-05	0.013029	0.12259
7w11w_SITTC	0.07664842	0.7498626	0.0001268	0.060479	-1.1061
7w11w_SITTC	0.04677089	0.4588701	0.00010122	0.099559	0.12814
7w11w_SITTC	0.02616546	0.2581833	7.70E-05	0.050154	0.76634
7w11w_SITTC	0.04179788	0.41043544	9.58E-05	0.10896	0.27003
7w11w_SITTC	0.07158384	0.700536	0.00012355	0.074645	-0.90497
7w11w_SITTC	0.03713914	0.36506155	9.02E-05	0.1042	0.43275
7w11w_SITTC	0.06691647	0.6550782	0.00012032	0.089759	-0.69393
7w11w_SITTC	0.0854623	0.8357054	0.00013135	0.05287	-1.2923
7w11w_SITTC	0.07210351	0.70559734	0.00012401	0.07238	-0.93514
7w11w_SITTC	0.06018598	0.5895265	0.00011462	0.098526	-0.36038
7w11w_SITTC	0.03831381	0.37650222	9.18E-05	0.10791	0.38979
7w11w_SITTC	0.03803821	0.373818	9.14E-05	0.10717	0.40374
7w11w_SITTC	0.05483967	0.53745604	0.00010978	0.093528	-0.12355
7w11w_SITTC	0.02657784	0.26219967	7.74E-05	0.051562	0.77158
7w11w_SITTC	0.05454231	0.53455985	0.00010944	0.093233	-0.11022
7w11w_SITTC	0.04818988	0.47269034	0.00010271	0.09665	0.091263
7w11w_SITTC	0.06576374	0.64385116	0.00011953	0.092756	-0.62617
7w11w_SITTC	0.0708226	0.6931219	0.00012308	0.076976	-0.87403
7w11w_SITTC	0.0346472	0.34079129	8.73E-05	0.093873	0.55601
7w11w_SITTC	0.07625228	0.7460044	0.0001266	0.061174	-1.0948
7w11w_SITTC	0.07330197	0.7172698	0.00012469	0.069151	-0.97873
7w11w_SITTC	0.04654739	0.45669326	0.00010122	0.099559	0.13721
7w11w_SITTC	0.03715658	0.36523142	9.02E-05	0.1042	0.43275
7w11w_SITTC	0.02597016	0.25628114	7.70E-05	0.050154	0.76634
7w11w_SITTC	0.05680433	0.5565908	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.03337315	0.3283826	8.57E-05	0.086671	0.60151

7w11w_SITTC	0.08468378	0.8281231	0.00013105	0.053002	-1.2797
7w11w_SITTC	0.04110221	0.4036599	9.50E-05	0.10955	0.29155
7w11w_SITTC	0.02438705	0.24086247	7.50E-05	0.043782	0.72811
7w11w_SITTC	0.06072046	0.59473205	0.00011523	0.098828	-0.37638
7w11w_SITTC	0.01220789	0.1222434	6.21E-05	0.017782	0.12723
7w11w_SITTC	0.04266843	0.41891408	9.66E-05	0.10808	0.23945
7w11w_SITTC	0.08640829	0.8449189	0.00013179	0.052739	-1.2997
7w11w_SITTC	0.02879841	0.28382692	8.03E-05	0.062611	0.75723
7w11w_SITTC	0.0440272	0.4321479	9.82E-05	0.10565	0.20107
7w11w_SITTC	0.01709979	0.16988806	6.69E-05	0.025607	0.33781
7w11w_SITTC	0.05947537	0.5826055	0.000114	0.098059	-0.32873
7w11w_SITTC	0.04584444	0.4498469	0.00010046	0.10111	0.1553
7w11w_SITTC	0.05616396	0.55035394	0.00011111	0.094909	-0.17881
7w11w_SITTC	0.044594	0.43766823	9.89E-05	0.10421	0.19178
7w11w_SITTC	0.08390383	0.8205268	0.00013058	0.053285	-1.2702
7w11w_SITTC	0.07823528	0.7653178	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.07631888	0.74665296	0.0001266	0.061174	-1.0948
7w11w_SITTC	0.01228075	0.12295301	6.21E-05	0.017782	0.12723
7w11w_SITTC	0.06419235	0.62854654	0.00011815	0.096641	-0.55833
7w11w_SITTC	0.07283838	0.71275467	0.00012446	0.070202	-0.96444
7w11w_SITTC	0.07794767	0.7625166	0.00012759	0.058113	-1.1478
7w11w_SITTC	0.04606338	0.4519793	0.00010046	0.10111	0.14626
7w11w_SITTC	0.04091388	0.4018257	9.46E-05	0.10971	0.29155
7w11w_SITTC	0.05271108	0.5167246	0.00010773	0.092257	-0.046772
7w11w_SITTC	0.04765282	0.4674596	0.00010234	0.09734	0.10986
7w11w_SITTC	0.03649557	0.3587935	8.94E-05	0.10166	0.46289
7w11w_SITTC	0.04647955	0.4560325	0.00010084	0.10033	0.13721
7w11w_SITTC	0.07125786	0.6973612	0.00012355	0.074645	-0.88959
7w11w_SITTC	0.05582484	0.54705113	0.00011078	0.094541	-0.16472
7w11w_SITTC	0.01133782	0.11376928	6.11E-05	0.016373	0.1115
7w11w_SITTC	0.05777274	0.5660227	0.00011241	0.096416	-0.25188
7w11w_SITTC	0.01127242	0.11313237	6.11E-05	0.016373	0.1115
7w11w_SITTC	0.03698045	0.36351603	9.02E-05	0.1042	0.4477
7w11w_SITTC	0.04956183	0.48605248	0.00010417	0.094268	0.052555
7w11w_SITTC	0.03730923	0.3667181	9.06E-05	0.10531	0.43275
7w11w_SITTC	0.01342483	0.1340958	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.04506605	0.44226578	9.93E-05	0.10345	0.17344
7w11w_SITTC	0.04903219	0.480894	0.00010381	0.094798	0.072211
7w11w_SITTC	0.06164618	0.603748	0.00011613	0.098894	-0.42501
7w11w_SITTC	0.05408844	0.53013945	0.0001091	0.092966	-0.097097
7w11w_SITTC	0.07056721	0.6906345	0.00012284	0.078159	-0.8583
7w11w_SITTC	0.03136475	0.30882186	8.32E-05	0.075317	0.6834
7w11w_SITTC	0.01284095	0.12840909	6.24E-05	0.018271	0.14454
7w11w_SITTC	0.0719871	0.7044636	0.00012401	0.07238	-0.92016
7w11w_SITTC	0.07030351	0.68806624	0.00012284	0.078159	-0.8424
7w11w_SITTC	0.0280321	0.2763634	7.94E-05	0.059253	0.76661

7w11w_SITTC	0.07462093	0.73011583	0.00012556	0.06525	-1.0333
7w11w_SITTC	0.0802556	0.7849947	0.00012889	0.055287	-1.2004
7w11w_SITTC	0.03351136	0.3297287	8.61E-05	0.088522	0.60151
7w11w_SITTC	0.07402471	0.7243089	0.00012534	0.066176	-1.0066
7w11w_SITTC	0.04274615	0.41967112	9.66E-05	0.10808	0.23945
7w11w_SITTC	0.03264231	0.32126456	8.48E-05	0.082909	0.64444
7w11w_SITTC	0.08115125	0.793718	0.00012924	0.054725	-1.2227
7w11w_SITTC	0.07847818	0.76768357	0.00012797	0.057152	-1.1573
7w11w_SITTC	0.0719555	0.7041558	0.00012401	0.07238	-0.92016
7w11w_SITTC	0.07577298	0.7413362	0.0001264	0.06191	-1.0712
7w11w_SITTC	0.05212591	0.5110253	0.00010703	0.092172	-0.022986
7w11w_SITTC	0.02095324	0.20741883	7.10E-05	0.033786	0.56707
7w11w_SITTC	0.04426312	0.43444565	9.86E-05	0.10494	0.20107
7w11w_SITTC	0.05325565	0.5220284	0.00010807	0.092373	-0.07149
7w11w_SITTC	0.09814165	0.9591961	0.00013575	0.052169	-1.3443
7w11w_SITTC	0.04462498	0.43796992	9.89E-05	0.10421	0.19178
7w11w_SITTC	0.03923716	0.38549525	9.26E-05	0.10901	0.35035
7w11w_SITTC	0.0533957	0.52339244	0.00010807	0.092373	-0.07149
7w11w_SITTC	0.04212602	0.41363126	9.62E-05	0.10856	0.25963
7w11w_SITTC	0.04451437	0.4368927	9.89E-05	0.10421	0.19178
7w11w_SITTC	0.07485992	0.73244345	0.00012577	0.064358	-1.0462
7w11w_SITTC	0.01331326	0.13300912	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.06189396	0.6061613	0.00011613	0.098894	-0.44141
7w11w_SITTC	0.02242872	0.22178927	7.26E-05	0.037419	0.65846
7w11w_SITTC	0.03021364	0.29761052	8.19E-05	0.069725	0.72675
7w11w_SITTC	0.06947086	0.6799567	0.00012211	0.081739	-0.81017
7w11w_SITTC	0.04642446	0.455496	0.00010084	0.10033	0.13721
7w11w_SITTC	0.02725541	0.2687989	7.82E-05	0.054511	0.77153
7w11w_SITTC	0.04378488	0.42978784	9.82E-05	0.10565	0.21046
7w11w_SITTC	0.0354627	0.34873387	8.81E-05	0.097198	0.50933
7w11w_SITTC	0.04091091	0.40179673	9.46E-05	0.10971	0.29155
7w11w_SITTC	0.07866504	0.7695035	0.00012797	0.057152	-1.1666
7w11w_SITTC	0.07186435	0.7032681	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.06765558	0.6622767	0.00012084	0.087573	-0.72756
7w11w_SITTC	0.00654798	0.06711861	5.69E-05	0.010907	0.17252
7w11w_SITTC	0.03880592	0.3812952	9.22E-05	0.10852	0.37625
7w11w_SITTC	0.04230902	0.41541368	9.62E-05	0.10856	0.24945
7w11w_SITTC	0.07351186	0.71931404	0.00012491	0.068128	-0.99278
7w11w_SITTC	0.07714344	0.7546838	0.0001272	0.059217	-1.117
7w11w_SITTC	0.05943644	0.58222634	0.000114	0.098059	-0.32873
7w11w_SITTC	0.03384621	0.33299	8.65E-05	0.090344	0.58656
7w11w_SITTC	0.03467184	0.34103125	8.73E-05	0.093873	0.55601
7w11w_SITTC	0.07723687	0.7555938	0.0001272	0.059217	-1.1276
7w11w_SITTC	0.03485531	0.34281814	8.77E-05	0.095565	0.54051
7w11w_SITTC	0.06496983	0.6361188	0.00011871	0.095287	-0.59222
7w11w_SITTC	0.02991226	0.29467526	8.15E-05	0.067903	0.7357

7w11w_SITTC	0.07417085	0.72573227	0.00012534	0.066176	-1.0201
7w11w_SITTC	0.06279299	0.6149175	0.00011701	0.098387	-0.47447
7w11w_SITTC	0.0126419	0.12647042	6.24E-05	0.018271	0.13519
7w11w_SITTC	0.02250503	0.22253245	7.30E-05	0.038397	0.65846
7w11w_SITTC	0.0802346	0.7847902	0.00012889	0.055287	-1.2004
7w11w_SITTC	0.05594542	0.5482255	0.00011078	0.094541	-0.16472
7w11w_SITTC	0.01203271	0.12053722	6.17E-05	0.017303	0.12065
7w11w_SITTC	0.03925099	0.3856299	9.26E-05	0.10901	0.35035
7w11w_SITTC	0.05497951	0.538818	0.00010978	0.093528	-0.13708
7w11w_SITTC	0.01641823	0.16325006	6.62E-05	0.024342	0.29808
7w11w_SITTC	0.04834043	0.4741566	0.00010308	0.095994	0.091263
7w11w_SITTC	0.05129018	0.50288576	0.00010597	0.092472	-0.0001745
7w11w_SITTC	0.0254785	0.25149262	7.62E-05	0.047472	0.75539
7w11w_SITTC	0.02035143	0.2015575	7.02E-05	0.032119	0.52662
7w11w_SITTC	0.06542502	0.6405521	0.00011925	0.093659	-0.60919
7w11w_SITTC	0.04978962	0.488271	0.00010453	0.09379	0.052555
7w11w_SITTC	0.06190855	0.6063035	0.00011613	0.098894	-0.44141
7w11w_SITTC	0.06528115	0.639151	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.07959504	0.7785612	0.00012853	0.055948	-1.1924
7w11w_SITTC	0.01083204	0.1088433	6.08E-05	0.015922	0.10884
7w11w_SITTC	0.05599222	0.5486813	0.00011078	0.094541	-0.17881
7w11w_SITTC	0.06985354	0.68368375	0.00012235	0.080544	-0.82636
7w11w_SITTC	0.06223963	0.609528	0.00011642	0.098794	-0.4579
7w11w_SITTC	0.06736414	0.65943825	0.00012058	0.088682	-0.71078
7w11w_SITTC	0.05026868	0.49293682	0.0001049	0.093366	0.032151
7w11w_SITTC	0.06153355	0.6026511	0.00011583	0.09893	-0.42501
7w11w_SITTC	0.0031537	0.03405995	5.42E-05	0.0080398	0.31077
7w11w_SITTC	0.02776338	0.27374628	7.90E-05	0.057632	0.76966
7w11w_SITTC	0.05643479	0.55299175	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.06186212	0.6058512	0.00011613	0.098894	-0.44141
7w11w_SITTC	0.04769518	0.46787223	0.00010234	0.09734	0.10986
7w11w_SITTC	0.04124983	0.40509766	9.50E-05	0.10955	0.28067
7w11w_SITTC	0.05389297	0.5282356	0.00010876	0.092731	-0.084185
7w11w_SITTC	0.06047152	0.5923075	0.00011492	0.0987	-0.37638
7w11w_SITTC	0.06540529	0.64036006	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.05457677	0.53489554	0.00010944	0.093233	-0.11022
7w11w_SITTC	0.01307759	0.13071385	6.27E-05	0.018769	0.14454
7w11w_SITTC	0.04334159	0.42547035	9.74E-05	0.10696	0.21998
7w11w_SITTC	0.02456292	0.24257536	7.54E-05	0.044969	0.73857
7w11w_SITTC	0.06348104	0.62161875	0.00011758	0.097678	-0.50782
7w11w_SITTC	0.03756246	0.36918446	9.06E-05	0.10531	0.41807
7w11w_SITTC	0.05427613	0.5319674	0.0001091	0.092966	-0.11022
7w11w_SITTC	0.05086993	0.4987927	0.00010561	0.092703	0.010852
7w11w_SITTC	0.06891681	0.6745604	0.00012186	0.08293	-0.77743
7w11w_SITTC	0.02973601	0.2929587	8.15E-05	0.067903	0.7357
7w11w_SITTC	0.08896881	0.8698572	0.00013275	0.052622	-1.3223

7w11w_SITTC	0.04253605	0.41762477	9.66E-05	0.10808	0.24945
7w11w_SITTC	0.00982348	0.09902039	5.98E-05	0.014626	0.1081
7w11w_SITTC	0.05234493	0.51315844	0.00010703	0.092172	-0.03476
7w11w_SITTC	0.03549156	0.34901494	8.81E-05	0.097198	0.50933
7w11w_SITTC	0.04001455	0.39306667	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.04396354	0.43152788	9.82E-05	0.10565	0.21046
7w11w_SITTC	0.00259585	0.02862677	5.39E-05	0.007795	0.3272
7w11w_SITTC	0.07456829	0.7296031	0.00012556	0.06525	-1.0333
7w11w_SITTC	0.00924277	0.09336454	5.92E-05	0.013809	0.11326
7w11w_SITTC	0.08485506	0.8297912	0.00013105	0.053002	-1.2841
7w11w_SITTC	0.08228377	0.80474806	0.00012993	0.053861	-1.2424
7w11w_SITTC	0.03107246	0.3059751	8.28E-05	0.073435	0.69526
7w11w_SITTC	0.07824051	0.7653687	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.06112231	0.5986458	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.01400773	0.13977297	6.37E-05	0.020323	0.18023
7w11w_SITTC	0.024146	0.2385147	7.46E-05	0.042633	0.72811
7w11w_SITTC	0.02494409	0.24628776	7.58E-05	0.046199	0.74769
7w11w_SITTC	0.01805285	0.17917043	6.80E-05	0.027619	0.4001
7w11w_SITTC	0.02046594	0.20267276	7.06E-05	0.032941	0.54704
7w11w_SITTC	0.08667242	0.8474914	0.00013179	0.052739	-1.3031
7w11w_SITTC	0.04889984	0.47960502	0.00010344	0.095375	0.072211
7w11w_SITTC	0.06376041	0.62433964	0.00011787	0.097201	-0.5246
7w11w_SITTC	0.04178395	0.4102997	9.58E-05	0.10896	0.27003
7w11w_SITTC	0.00608143	0.06257466	5.66E-05	0.010584	0.18365
7w11w_SITTC	0.06624009	0.6484905	0.00011979	0.091802	-0.66011
7w11w_SITTC	0.02129165	0.21071476	7.14E-05	0.034655	0.58661
7w11w_SITTC	0.02028155	0.20087685	7.02E-05	0.032119	0.52662
7w11w_SITTC	0.05210647	0.510836	0.00010703	0.092172	-0.022986
7w11w_SITTC	0.07004667	0.68556476	0.0001226	0.07935	-0.8424
7w11w_SITTC	0.05137953	0.5037559	0.00010632	0.092309	-0.0001745
7w11w_SITTC	0.02914732	0.28722513	8.07E-05	0.064343	0.751
7w11w_SITTC	0.02846436	0.28057343	7.99E-05	0.060913	0.76245
7w11w_SITTC	0.04361238	0.42810774	9.78E-05	0.10633	0.21998
7w11w_SITTC	0.06168337	0.6041103	0.00011613	0.098894	-0.42501
7w11w_SITTC	0.05126502	0.5026407	0.00010597	0.092472	-0.0001745
7w11w_SITTC	0.05733357	0.5617454	0.00011209	0.096042	-0.23694
7w11w_SITTC	0.00523063	0.05428831	5.58E-05	0.0096645	0.22108
7w11w_SITTC	0.01058743	0.10646089	6.05E-05	0.01548	0.10741
7w11w_SITTC	0.07245488	0.70901954	0.00012424	0.071279	-0.9499
7w11w_SITTC	0.03424903	0.3369133	8.69E-05	0.09213	0.57137
7w11w_SITTC	0.04872253	0.4778781	0.00010344	0.095375	0.081803
7w11w_SITTC	0.05385701	0.5278854	0.00010876	0.092731	-0.084185
7w11w_SITTC	0.05051727	0.49535796	0.00010525	0.093003	0.021622
7w11w_SITTC	0.04884004	0.47902256	0.00010344	0.095375	0.072211
7w11w_SITTC	0.05680098	0.5565582	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.01270456	0.1270807	6.24E-05	0.018271	0.13519

7w11w_SITTC	0.04198809	0.41228798	9.58E-05	0.10896	0.25963
7w11w_SITTC	0.0760437	0.7439729	0.0001264	0.06191	-1.0832
7w11w_SITTC	0.01605615	0.15972352	6.58E-05	0.023731	0.27899
7w11w_SITTC	0.00249863	0.0276799	5.36E-05	0.0075574	0.34395
7w11w_SITTC	0.01771611	0.17589076	6.76E-05	0.026932	0.37908
7w11w_SITTC	0.03158207	0.31093836	8.36E-05	0.07721	0.6834
7w11w_SITTC	0.06583124	0.6445085	0.00011953	0.092756	-0.62617
7w11w_SITTC	0.02370236	0.23419385	7.42E-05	0.041523	0.70349
7w11w_SITTC	0.06835808	0.6691187	0.00012136	0.085284	-0.7609
7w11w_SITTC	0.071465	0.6993786	0.00012355	0.074645	-0.90497
7w11w_SITTC	0.06241304	0.61121696	0.00011672	0.098627	-0.4579
7w11w_SITTC	0.06038402	0.59145534	0.00011492	0.0987	-0.36038
7w11w_SITTC	0.06237225	0.61081964	0.00011672	0.098627	-0.4579
7w11w_SITTC	0.08603302	0.84126395	0.00013164	0.052775	-1.2961
7w11w_SITTC	0.06321929	0.6190694	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.05040546	0.494269	0.00010525	0.093003	0.032151
7w11w_SITTC	0.04878188	0.47845617	0.00010344	0.095375	0.072211
7w11w_SITTC	0.03425086	0.33693114	8.69E-05	0.09213	0.57137
7w11w_SITTC	0.06431658	0.62975645	0.00011815	0.096641	-0.55833
7w11w_SITTC	0.01034104	0.10406117	6.02E-05	0.015048	0.10718
7w11w_SITTC	0.07845614	0.76746887	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.01294276	0.12940064	6.27E-05	0.018769	0.14454
7w11w_SITTC	0.03951565	0.3882076	9.30E-05	0.10937	0.35035
7w11w_SITTC	0.07828828	0.765834	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.01482241	0.14770752	6.44E-05	0.021412	0.20962
7w11w_SITTC	0.03048755	0.30027834	8.23E-05	0.07157	0.71698
7w11w_SITTC	0.05708047	0.5592803	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.04856074	0.47630236	0.00010308	0.095994	0.081803
7w11w_SITTC	0.04641364	0.45539063	0.00010084	0.10033	0.13721
7w11w_SITTC	0.05747035	0.5630775	0.00011209	0.096042	-0.23694
7w11w_SITTC	0.02944422	0.29011682	8.11E-05	0.066108	0.7438
7w11w_SITTC	0.02433077	0.24031425	7.50E-05	0.043782	0.72811
7w11w_SITTC	0.08239931	0.8058734	0.00012993	0.053861	-1.2485
7w11w_SITTC	0.03619004	0.3558178	8.90E-05	0.10026	0.47826
7w11w_SITTC	0.05017607	0.49203482	0.0001049	0.093366	0.032151
7w11w_SITTC	0.07646661	0.74809176	0.0001268	0.060479	-1.0948
7w11w_SITTC	0.01889769	0.18739876	6.87E-05	0.029043	0.44251
7w11w_SITTC	0.06161555	0.6034498	0.00011583	0.09893	-0.42501
7w11w_SITTC	0.03667863	0.36057642	8.98E-05	0.10298	0.46289
7w11w_SITTC	0.05012678	0.49155486	0.0001049	0.093366	0.042456
7w11w_SITTC	0.01552638	0.15456389	6.51E-05	0.022546	0.24275
7w11w_SITTC	0.01248262	0.12491912	6.21E-05	0.017782	0.12723
7w11w_SITTC	0.05104223	0.50047076	0.00010597	0.092472	0.010852
7w11w_SITTC	0.04001139	0.39303583	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.04805279	0.47135517	0.00010271	0.09665	0.10061
7w11w_SITTC	0.04274288	0.41963926	9.66E-05	0.10808	0.23945

7w11w_SITTC	0.05578259	0.5466396	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.043784	0.4297792	9.82E-05	0.10565	0.21046
7w11w_SITTC	0.01087323	0.10924438	6.08E-05	0.015922	0.10884
7w11w_SITTC	0.03596609	0.35363662	8.90E-05	0.10026	0.49376
7w11w_SITTC	0.0454823	0.44631982	9.97E-05	0.10268	0.16436
7w11w_SITTC	0.04680875	0.45923877	0.00010122	0.099559	0.12814
7w11w_SITTC	0.05710433	0.5595127	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.08672594	0.8480126	0.00013193	0.052709	-1.3031
7w11w_SITTC	0.03951985	0.38824847	9.30E-05	0.10937	0.35035
7w11w_SITTC	0.05963243	0.5841351	0.00011431	0.098311	-0.32873
7w11w_SITTC	0.05547057	0.5436007	0.00011045	0.094186	-0.1508
7w11w_SITTC	0.03983121	0.39128104	9.34E-05	0.10962	0.33794
7w11w_SITTC	0.0557945	0.5467556	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.04424174	0.43423736	9.86E-05	0.10494	0.20107
7w11w_SITTC	0.07843076	0.7672217	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.02422594	0.23929334	7.50E-05	0.043782	0.72811
7w11w_SITTC	0.06767969	0.6625115	0.00012084	0.087573	-0.72756
7w11w_SITTC	0.04556153	0.44709155	0.00010009	0.1019	0.16436
7w11w_SITTC	0.07783812	0.76144964	0.00012759	0.058113	-1.1379
7w11w_SITTC	0.05029294	0.49317312	0.0001049	0.093366	0.032151
7w11w_SITTC	0.03053206	0.30071187	8.23E-05	0.07157	0.71698
7w11w_SITTC	0.05905872	0.57854754	0.00011368	0.097776	-0.31309
7w11w_SITTC	0.00764065	0.07776067	5.78E-05	0.011928	0.14372
7w11w_SITTC	0.05562951	0.5451487	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.03355398	0.33014384	8.61E-05	0.088522	0.60151
7w11w_SITTC	0.03386752	0.33319756	8.65E-05	0.090344	0.58656
7w11w_SITTC	0.05179722	0.507824	0.00010668	0.092211	-0.011455
7w11w_SITTC	0.07307918	0.7150999	0.00012469	0.069151	-0.97873
7w11w_SITTC	0.06500469	0.63645834	0.00011871	0.095287	-0.59222
7w11w_SITTC	0.015628	0.15555355	6.54E-05	0.023132	0.26052
7w11w_SITTC	0.05770211	0.5653348	0.00011241	0.096416	-0.25188
7w11w_SITTC	0.0815217	0.7973259	0.00012942	0.054478	-1.2295
7w11w_SITTC	0.07997245	0.78223693	0.00012871	0.055605	-1.2004
7w11w_SITTC	0.06320758	0.6189554	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.05940412	0.5819115	0.000114	0.098059	-0.32873
7w11w_SITTC	0.02836207	0.27957723	7.99E-05	0.060913	0.76245
7w11w_SITTC	0.04164942	0.40898943	9.54E-05	0.10929	0.27003
7w11w_SITTC	0.07822411	0.765209	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.08409643	0.82240254	0.00013074	0.053178	-1.2751
7w11w_SITTC	0.08150028	0.7971173	0.00012942	0.054478	-1.2295
7w11w_SITTC	0.07015733	0.6866425	0.0001226	0.07935	-0.8424
7w11w_SITTC	0.06096469	0.5971107	0.00011553	0.098907	-0.39249
7w11w_SITTC	0.00185158	0.02137795	5.31E-05	0.0071026	0.37827
7w11w_SITTC	0.01589892	0.15819219	6.54E-05	0.023132	0.26052
7w11w_SITTC	0.02236465	0.22116522	7.26E-05	0.037419	0.64161
7w11w_SITTC	0.06543361	0.64063585	0.00011925	0.093659	-0.60919

7w11w_SITTC	0.06119931	0.5993958	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.04623942	0.45369387	0.00010084	0.10033	0.14626
7w11w_SITTC	0.06967289	0.68192434	0.00012235	0.080544	-0.82636
7w11w_SITTC	0.05256217	0.5152742	0.00010738	0.092189	-0.046772
7w11w_SITTC	0.04794402	0.47029585	0.00010271	0.09665	0.10061
7w11w_SITTC	0.04687737	0.45990714	0.00010159	0.098799	0.12814
7w11w_SITTC	0.04269737	0.41919595	9.66E-05	0.10808	0.23945
7w11w_SITTC	0.05374157	0.52676105	0.00010876	0.092731	-0.084185
7w11w_SITTC	0.06477918	0.63426197	0.00011871	0.095287	-0.57526
7w11w_SITTC	0.04166696	0.40916026	9.54E-05	0.10929	0.27003
7w11w_SITTC	0.06509212	0.6373099	0.00011898	0.094504	-0.59222
7w11w_SITTC	0.04325125	0.42459056	9.74E-05	0.10696	0.22964
7w11w_SITTC	0.01113191	0.11176388	6.08E-05	0.015922	0.1115
7w11w_SITTC	0.04207749	0.41315863	9.62E-05	0.10856	0.25963
7w11w_SITTC	0.0679079	0.6647342	0.0001211	0.086439	-0.72756
7w11w_SITTC	0.04059934	0.3987622	9.42E-05	0.10978	0.3027
7w11w_SITTC	0.08500236	0.8312259	0.0001312	0.05293	-1.2841
7w11w_SITTC	0.05833991	0.5715467	0.00011305	0.097132	-0.26697
7w11w_SITTC	0.04180971	0.4105506	9.58E-05	0.10896	0.27003
7w11w_SITTC	0.0777147	0.7602476	0.0001274	0.058646	-1.1379
7w11w_SITTC	0.03657134	0.3595314	8.98E-05	0.10298	0.46289
7w11w_SITTC	0.05390243	0.52832776	0.00010876	0.092731	-0.084185
7w11w_SITTC	0.06770493	0.66275734	0.00012084	0.087573	-0.72756
7w11w_SITTC	0.05924514	0.58036315	0.000114	0.098059	-0.31309
7w11w_SITTC	0.03778013	0.37130442	9.10E-05	0.1063	0.41807
7w11w_SITTC	0.01178538	0.11812835	6.14E-05	0.016833	0.11542
7w11w_SITTC	0.04400558	0.43193737	9.82E-05	0.10565	0.20107
7w11w_SITTC	0.00918506	0.09280246	5.92E-05	0.013809	0.11326
7w11w_SITTC	0.06808925	0.6665005	0.0001211	0.086439	-0.74427
7w11w_SITTC	0.04648851	0.45611978	0.00010084	0.10033	0.13721
7w11w_SITTC	0.05626218	0.55131054	0.00011111	0.094909	-0.17881
7w11w_SITTC	0.02007318	0.19884743	6.99E-05	0.031319	0.52662
7w11w_SITTC	0.04929979	0.4835003	0.00010417	0.094268	0.062467
7w11w_SITTC	0.06207281	0.6079033	0.00011642	0.098794	-0.44141
7w11w_SITTC	0.03185551	0.31360152	8.40E-05	0.07911	0.67094
7w11w_SITTC	0.03716127	0.36527708	9.02E-05	0.1042	0.43275
7w11w_SITTC	0.03645536	0.3584019	8.94E-05	0.10166	0.46289
7w11w_SITTC	0.05186522	0.5084864	0.00010668	0.092211	-0.022986
7w11w_SITTC	0.07237848	0.70827544	0.00012424	0.071279	-0.93514
7w11w_SITTC	0.06302651	0.61719185	0.0001173	0.098072	-0.49111
7w11w_SITTC	0.05354556	0.52485204	0.00010842	0.092532	-0.07149
7w11w_SITTC	0.07417756	0.72579753	0.00012534	0.066176	-1.0201
7w11w_SITTC	0.05644162	0.5530582	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.03865923	0.3798665	9.22E-05	0.10852	0.37625
7w11w_SITTC	0.06028029	0.59044504	0.00011492	0.0987	-0.36038
7w11w_SITTC	0.06578963	0.6441032	0.00011953	0.092756	-0.62617

7w11w_SITTC	0.01481464	0.14763184	6.44E-05	0.021412	0.20962
7w11w_SITTC	0.07241057	0.70858794	0.00012424	0.071279	-0.9499
7w11w_SITTC	0.07446209	0.7285688	0.00012556	0.06525	-1.0333
7w11w_SITTC	0.09267518	0.9059554	0.00013408	0.052495	-1.3392
7w11w_SITTC	0.04308021	0.4229247	9.70E-05	0.10755	0.22964
7w11w_SITTC	0.06478126	0.6342823	0.00011871	0.095287	-0.57526
7w11w_SITTC	0.03465958	0.3409118	8.73E-05	0.093873	0.55601
7w11w_SITTC	0.05501641	0.5391774	0.00010978	0.093528	-0.13708
7w11w_SITTC	0.06851515	0.6706485	0.00012161	0.084113	-0.7609
7w11w_SITTC	0.04272733	0.41948777	9.66E-05	0.10808	0.23945
7w11w_SITTC	0.02117252	0.20955448	7.14E-05	0.034655	0.58661
7w11w_SITTC	0.02012323	0.19933495	7.02E-05	0.032119	0.52662
7w11w_SITTC	0.05540206	0.54293346	0.00011011	0.093847	-0.1508
7w11w_SITTC	0.03426736	0.33709177	8.69E-05	0.09213	0.57137
7w11w_SITTC	0.06112554	0.59867734	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.05640427	0.55269444	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.08714141	0.8520591	0.00013207	0.052686	-1.3094
7w11w_SITTC	0.05443394	0.5335044	0.00010944	0.093233	-0.11022
7w11w_SITTC	0.07107831	0.69561243	0.00012331	0.075804	-0.88959
7w11w_SITTC	0.0707808	0.6927148	0.00012308	0.076976	-0.87403
7w11w_SITTC	0.05831844	0.5713375	0.00011305	0.097132	-0.26697
7w11w_SITTC	0.01115382	0.11197726	6.08E-05	0.015922	0.1115
7w11w_SITTC	0.01526051	0.15197441	6.47E-05	0.021973	0.24275
7w11w_SITTC	0.04011234	0.394019	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.05703483	0.5588358	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.0174948	0.17373526	6.72E-05	0.026262	0.35829
7w11w_SITTC	0.01437197	0.14332044	6.41E-05	0.020862	0.19442
7w11w_SITTC	0.04802743	0.4711082	0.00010271	0.09665	0.10061
7w11w_SITTC	0.00461283	0.04827119	5.52E-05	0.0090922	0.24903
7w11w_SITTC	0.04973552	0.48774415	0.00010453	0.09379	0.052555
7w11w_SITTC	0.04373523	0.42930418	9.78E-05	0.10633	0.21046
7w11w_SITTC	0.05804681	0.568692	0.00011273	0.096781	-0.26697
7w11w_SITTC	0.02643861	0.26084366	7.74E-05	0.051562	0.76965
7w11w_SITTC	0.05480368	0.53710544	0.00010978	0.093528	-0.12355
7w11w_SITTC	0.05600994	0.5488539	0.00011078	0.094541	-0.17881
7w11w_SITTC	0.04565064	0.44795933	0.00010009	0.1019	0.16436
7w11w_SITTC	0.07211414	0.7057009	0.00012401	0.07238	-0.93514
7w11w_SITTC	0.03898694	0.3830582	9.26E-05	0.10901	0.36311
7w11w_SITTC	0.02253615	0.22283553	7.30E-05	0.038397	0.65846
7w11w_SITTC	0.06670529	0.6530214	0.00012006	0.090801	-0.67704
7w11w_SITTC	0.0491028	0.48158172	0.00010381	0.094798	0.072211
7w11w_SITTC	0.09390865	0.9179687	0.00013442	0.052444	-1.3416
7w11w_SITTC	0.06483408	0.6347967	0.00011871	0.095287	-0.57526
7w11w_SITTC	0.05025229	0.49277723	0.0001049	0.093366	0.032151
7w11w_SITTC	0.02045433	0.20255971	7.06E-05	0.032941	0.54704
7w11w_SITTC	0.0249379	0.24622741	7.58E-05	0.046199	0.74769

7w11w_SITTC	0.04202246	0.41262272	9.58E-05	0.10896	0.25963
7w11w_SITTC	0.0820517	0.8024879	0.00012976	0.054048	-1.2424
7w11w_SITTC	0.01319049	0.1318134	6.27E-05	0.018769	0.15521
7w11w_SITTC	0.04398638	0.43175036	9.82E-05	0.10565	0.20107
7w11w_SITTC	0.0652854	0.63919234	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.07771253	0.7602265	0.0001274	0.058646	-1.1379
7w11w_SITTC	0.06132128	0.6005837	0.00011583	0.09893	-0.4087
7w11w_SITTC	0.02985675	0.29413462	8.15E-05	0.067903	0.7357
7w11w_SITTC	0.05286087	0.51818347	0.00010773	0.092257	-0.046772
7w11w_SITTC	0.04610783	0.45241222	0.00010046	0.10111	0.14626
7w11w_SITTC	0.08950103	0.8750407	0.000133	0.052606	-1.3264
7w11w_SITTC	0.04584971	0.44989827	0.00010046	0.10111	0.1553
7w11w_SITTC	0.07121491	0.6969428	0.00012331	0.075804	-0.88959
7w11w_SITTC	0.02019263	0.20001087	7.02E-05	0.032119	0.52662
7w11w_SITTC	0.05888327	0.5768387	0.00011337	0.097465	-0.29758
7w11w_SITTC	0.06600674	0.6462178	0.00011953	0.092756	-0.64315
7w11w_SITTC	0.06660836	0.6520773	0.00012006	0.090801	-0.67704
7w11w_SITTC	0.06584457	0.6446383	0.00011953	0.092756	-0.62617
7w11w_SITTC	0.06746851	0.66045475	0.00012058	0.088682	-0.71078
7w11w_SITTC	0.02037375	0.20177482	7.02E-05	0.032119	0.54704
7w11w_SITTC	0.04935034	0.48399267	0.00010417	0.094268	0.062467
7w11w_SITTC	0.05508111	0.53980756	0.00010978	0.093528	-0.13708
7w11w_SITTC	0.04411062	0.4329604	9.82E-05	0.10565	0.20107
7w11w_SITTC	0.08132728	0.7954324	0.00012942	0.054478	-1.2295
7w11w_SITTC	0.02970171	0.29262465	8.11E-05	0.066108	0.7357
7w11w_SITTC	0.0290017	0.2858069	8.03E-05	0.062611	0.751
7w11w_SITTC	0.02489957	0.24585411	7.58E-05	0.046199	0.74769
7w11w_SITTC	0.04200743	0.41247633	9.58E-05	0.10896	0.25963
7w11w_SITTC	0.03192182	0.3142474	8.40E-05	0.07911	0.67094
7w11w_SITTC	0.02695404	0.26586366	7.78E-05	0.053015	0.77219
7w11w_SITTC	0.05355336	0.52492803	0.00010842	0.092532	-0.07149
7w11w_SITTC	0.05951212	0.58296335	0.000114	0.098059	-0.32873
7w11w_SITTC	0.06462891	0.6327985	0.00011843	0.096001	-0.57526
7w11w_SITTC	0.01842155	0.18276136	6.84E-05	0.028322	0.42127
7w11w_SITTC	0.05288041	0.5183738	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.00775836	0.07890716	5.81E-05	0.012286	0.13577
7w11w_SITTC	0.02946918	0.2903599	8.11E-05	0.066108	0.7438
7w11w_SITTC	0.05429736	0.5321742	0.0001091	0.092966	-0.11022
7w11w_SITTC	0.07579703	0.7415704	0.0001264	0.06191	-1.0712
7w11w_SITTC	0.02343795	0.23161869	7.38E-05	0.040447	0.68948
7w11w_SITTC	0	0.0033445	5.18E-05	0.0060787	0.46704
7w11w_SITTC	0.09133803	0.8929322	0.00013362	0.052552	-1.3347
7w11w_SITTC	0.07634658	0.74692285	0.0001266	0.061174	-1.0948
7w11w_SITTC	0.04931326	0.48363155	0.00010417	0.094268	0.062467
7w11w_SITTC	0.07579615	0.7415619	0.0001264	0.06191	-1.0712
7w11w_SITTC	0.0522604	0.5123352	0.00010703	0.092172	-0.03476

7w11w_SITTC	0.07664098	0.7497901	0.0001268	0.060479	-1.1061
7w11w_SITTC	0.03189571	0.3139931	8.40E-05	0.07911	0.67094
7w11w_SITTC	0.04002456	0.39316416	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.04000794	0.39300224	9.38E-05	0.10975	0.32588
7w11w_SITTC	0.07045512	0.68954283	0.00012284	0.078159	-0.8583
7w11w_SITTC	0.06043563	0.5919579	0.00011492	0.0987	-0.37638
7w11w_SITTC	0.05516496	0.54062414	0.00011011	0.093847	-0.13708
7w11w_SITTC	0.0494998	0.48544836	0.00010417	0.094268	0.052555
7w11w_SITTC	0.04992608	0.48960012	0.00010453	0.09379	0.042456
7w11w_SITTC	0.05533801	0.5423096	0.00011011	0.093847	-0.1508
7w11w_SITTC	0.00398267	0.04213372	5.50E-05	0.0088178	0.2638
7w11w_SITTC	0.08260878	0.8079136	0.00013009	0.053693	-1.2485
7w11w_SITTC	0.07118051	0.69660777	0.00012331	0.075804	-0.88959
7w11w_SITTC	0.06441575	0.6307223	0.00011843	0.096001	-0.55833
7w11w_SITTC	0.06939137	0.67918247	0.00012211	0.081739	-0.81017
7w11w_SITTC	0.06110347	0.59846234	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.06173339	0.60459745	0.00011613	0.098894	-0.42501
7w11w_SITTC	0.04715015	0.4625639	0.00010159	0.098799	0.11903
7w11w_SITTC	0.01862674	0.18475978	6.84E-05	0.028322	0.42127
7w11w_SITTC	0.05791396	0.5673981	0.00011273	0.096781	-0.25188
7w11w_SITTC	0.01415248	0.1411827	6.37E-05	0.020323	0.18023
7w11w_SITTC	0.04037662	0.396593	9.42E-05	0.10978	0.31414
7w11w_SITTC	0.05322306	0.52171105	0.00010807	0.092373	-0.07149
7w11w_SITTC	0.05245083	0.5141899	0.00010738	0.092189	-0.03476
7w11w_SITTC	0.06662254	0.6522154	0.00012006	0.090801	-0.67704
7w11w_SITTC	0.07065737	0.6915127	0.00012308	0.076976	-0.8583
7w11w_SITTC	0.04676436	0.4588065	0.00010122	0.099559	0.12814
7w11w_SITTC	0.03966209	0.38963383	9.34E-05	0.10962	0.33794
7w11w_SITTC	0.03629023	0.35679352	8.94E-05	0.10166	0.47826
7w11w_SITTC	0.06317591	0.6186469	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.03084271	0.30373743	8.28E-05	0.073435	0.70647
7w11w_SITTC	0.03939966	0.3870779	9.30E-05	0.10937	0.35035
7w11w_SITTC	0.06105017	0.5979432	0.00011553	0.098907	-0.39249
7w11w_SITTC	0.02765918	0.27273133	7.90E-05	0.057632	0.76966
7w11w_SITTC	0.06423914	0.6290022	0.00011815	0.096641	-0.55833
7w11w_SITTC	0.03181076	0.31316578	8.40E-05	0.07911	0.67094
7w11w_SITTC	0.07134859	0.69824487	0.00012355	0.074645	-0.88959
7w11w_SITTC	0.02223061	0.21985976	7.26E-05	0.037419	0.64161
7w11w_SITTC	0.01496055	0.1490529	6.47E-05	0.021973	0.22576
7w11w_SITTC	0.06875018	0.6729376	0.00012161	0.084113	-0.77743
7w11w_SITTC	0.03021525	0.29762623	8.19E-05	0.069725	0.72675
7w11w_SITTC	0.04495978	0.4412307	9.93E-05	0.10345	0.18258
7w11w_SITTC	0.05997763	0.58749723	0.00011462	0.098526	-0.3445
7w11w_SITTC	0.05318891	0.5213784	0.00010807	0.092373	-0.059017
7w11w_SITTC	0.04816096	0.47240868	0.00010271	0.09665	0.091263
7w11w_SITTC	0.08155002	0.7976018	0.00012942	0.054478	-1.2295

7w11w_SITTC	0.04770787	0.4679958	0.00010234	0.09734	0.10986
7w11w_SITTC	0.03809021	0.3743245	9.14E-05	0.10717	0.40374
7w11w_SITTC	0.06638793	0.6499304	0.00011979	0.091802	-0.66011
7w11w_SITTC	0.06539477	0.6402575	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.02897135	0.28551129	8.03E-05	0.062611	0.751
7w11w_SITTC	0.01313112	0.13123521	6.27E-05	0.018769	0.14454
7w11w_SITTC	0.05413256	0.5305691	0.0001091	0.092966	-0.097097
7w11w_SITTC	0.01385341	0.13826995	6.34E-05	0.019794	0.16714
7w11w_SITTC	0.07080167	0.69291806	0.00012308	0.076976	-0.87403
7w11w_SITTC	0.04983825	0.48874462	0.00010453	0.09379	0.042456
7w11w_SITTC	0.04888823	0.4794919	0.00010344	0.095375	0.072211
7w11w_SITTC	0.0501236	0.49152383	0.0001049	0.093366	0.042456
7w11w_SITTC	0.06473842	0.633865	0.00011871	0.095287	-0.57526
7w11w_SITTC	0.05333602	0.52281123	0.00010807	0.092373	-0.07149
7w11w_SITTC	0.06330032	0.6198586	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.02101217	0.20799275	7.10E-05	0.033786	0.56707
7w11w_SITTC	0.09113806	0.89098454	0.0001335	0.052565	-1.3333
7w11w_SITTC	0.00884688	0.08950879	5.89E-05	0.013414	0.11742
7w11w_SITTC	0.03639238	0.3577885	8.94E-05	0.10166	0.47826
7w11w_SITTC	0.06137889	0.6011448	0.00011583	0.09893	-0.4087
7w11w_SITTC	0.02266369	0.22407773	7.30E-05	0.038397	0.65846
7w11w_SITTC	0.05774046	0.5657083	0.00011241	0.096416	-0.25188
7w11w_SITTC	0.04756461	0.46660054	0.00010234	0.09734	0.10986
7w11w_SITTC	0.05821282	0.57030886	0.00011305	0.097132	-0.26697
7w11w_SITTC	0.09106157	0.8902396	0.0001335	0.052565	-1.3333
7w11w_SITTC	0.05275284	0.5171313	0.00010773	0.092257	-0.046772
7w11w_SITTC	0.06881651	0.6735836	0.00012161	0.084113	-0.77743
7w11w_SITTC	0.06814944	0.66708666	0.0001211	0.086439	-0.74427
7w11w_SITTC	0.07780024	0.7610808	0.00012759	0.058113	-1.1379
7w11w_SITTC	0.02867478	0.28262278	8.03E-05	0.062611	0.75723
7w11w_SITTC	0.04135465	0.4061185	9.50E-05	0.10955	0.28067
7w11w_SITTC	0.05266028	0.51622987	0.00010738	0.092189	-0.046772
7w11w_SITTC	0.04827917	0.47356004	0.00010308	0.095994	0.091263
7w11w_SITTC	0.00667227	0.06832913	5.69E-05	0.010907	0.17252
7w11w_SITTC	0.06162559	0.6035475	0.00011583	0.09893	-0.42501
7w11w_SITTC	0.03015178	0.2970081	8.19E-05	0.069725	0.72675
7w11w_SITTC	0.06006478	0.58834606	0.00011462	0.098526	-0.36038
7w11w_SITTC	0.05645851	0.5532227	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.04635721	0.45484105	0.00010084	0.10033	0.14626
7w11w_SITTC	0.05390877	0.5283895	0.00010876	0.092731	-0.097097
7w11w_SITTC	0.05648222	0.5534536	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.04756124	0.46656772	0.00010234	0.09734	0.10986
7w11w_SITTC	0.012539	0.12546818	6.24E-05	0.018271	0.13519
7w11w_SITTC	0.05453854	0.5345231	0.00010944	0.093233	-0.11022
7w11w_SITTC	0.07101074	0.69495434	0.00012331	0.075804	-0.87403
7w11w_SITTC	0.0759207	0.74277496	0.0001264	0.06191	-1.0832

7w11w_SITTC	0.04166896	0.40917978	9.54E-05	0.10929	0.27003
7w11w_SITTC	0.06841105	0.6696346	0.00012136	0.085284	-0.7609
7w11w_SITTC	0.07800701	0.7630946	0.00012759	0.058113	-1.1478
7w11w_SITTC	0.04996707	0.48999935	0.0001049	0.093366	0.042456
7w11w_SITTC	0.04915542	0.48209426	0.00010381	0.094798	0.062467
7w11w_SITTC	0.04859835	0.4766686	0.00010344	0.095375	0.081803
7w11w_SITTC	0.02026183	0.20068479	7.02E-05	0.032119	0.52662
7w11w_SITTC	0.06513437	0.63772136	0.00011898	0.094504	-0.59222
7w11w_SITTC	0.05602999	0.54904914	0.00011078	0.094541	-0.17881
7w11w_SITTC	0.02579484	0.25457358	7.66E-05	0.04879	0.7616
7w11w_SITTC	0.08028947	0.7853246	0.00012889	0.055287	-1.2081
7w11w_SITTC	0.06436931	0.63027	0.00011815	0.096641	-0.55833
7w11w_SITTC	0.05669267	0.5555033	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.08124203	0.79460204	0.00012942	0.054478	-1.2227
7w11w_SITTC	0.03266016	0.32143852	8.48E-05	0.082909	0.64444
7w11w_SITTC	0.05442433	0.5334108	0.0001091	0.092966	-0.11022
7w11w_SITTC	0.07088471	0.6937268	0.00012308	0.076976	-0.87403
7w11w_SITTC	0.06631831	0.64925236	0.00011979	0.091802	-0.66011
7w11w_SITTC	0.06141175	0.60146487	0.00011583	0.09893	-0.4087
7w11w_SITTC	0.05710596	0.5595286	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.04489017	0.44055274	9.93E-05	0.10345	0.18258
7w11w_SITTC	0.07010941	0.6861758	0.0001226	0.07935	-0.8424
7w11w_SITTC	0.04993837	0.48971975	0.00010453	0.09379	0.042456
7w11w_SITTC	0.05472505	0.53633964	0.00010944	0.093233	-0.12355
7w11w_SITTC	0.05224386	0.5121741	0.00010703	0.092172	-0.03476
7w11w_SITTC	0.06437831	0.6303577	0.00011815	0.096641	-0.55833
7w11w_SITTC	0.02866142	0.28249273	7.99E-05	0.060913	0.75723
7w11w_SITTC	0.06560563	0.6423112	0.00011925	0.093659	-0.62617
7w11w_SITTC	0.07195118	0.7041138	0.00012401	0.07238	-0.92016
7w11w_SITTC	0.05427002	0.5319079	0.0001091	0.092966	-0.11022
7w11w_SITTC	0.03959854	0.3890149	9.30E-05	0.10937	0.33794
7w11w_SITTC	0.05301667	0.5197009	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.07027029	0.6877427	0.00012284	0.078159	-0.8424
7w11w_SITTC	0.01822493	0.18084644	6.80E-05	0.027619	0.4001
7w11w_SITTC	0.07402607	0.7243222	0.00012534	0.066176	-1.0066
7w11w_SITTC	0.04831341	0.47389346	0.00010308	0.095994	0.091263
7w11w_SITTC	0.04166301	0.40912184	9.54E-05	0.10929	0.27003
7w11w_SITTC	0.0556151	0.54500836	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.08159931	0.7980818	0.00012959	0.054253	-1.2295
7w11w_SITTC	0.05232637	0.51297766	0.00010703	0.092172	-0.03476
7w11w_SITTC	0.04896436	0.48023337	0.00010381	0.094798	0.072211
7w11w_SITTC	0.0478766	0.46963912	0.00010234	0.09734	0.10061
7w11w_SITTC	0.05373706	0.52671707	0.00010842	0.092532	-0.084185
7w11w_SITTC	0.08065896	0.78892326	0.00012907	0.054994	-1.2155
7w11w_SITTC	0.07035709	0.6885881	0.00012284	0.078159	-0.8583
7w11w_SITTC	0.06333219	0.62016904	0.0001173	0.098072	-0.50782

7w11w_SITTC	0.01493423	0.1487966	6.44E-05	0.021412	0.22576
7w11w_SITTC	0.04882449	0.47887114	0.00010344	0.095375	0.072211
7w11w_SITTC	0.07443681	0.7283226	0.00012556	0.06525	-1.0201
7w11w_SITTC	0.09035286	0.8833371	0.00013325	0.052587	-1.3301
7w11w_SITTC	0.08328561	0.8145055	0.00013042	0.053406	-1.2598
7w11w_SITTC	0.07777941	0.7608778	0.00012759	0.058113	-1.1379
7w11w_SITTC	0.0487154	0.47780862	0.00010344	0.095375	0.081803
7w11w_SITTC	0.03617292	0.35565102	8.90E-05	0.10026	0.47826
7w11w_SITTC	0.04304002	0.4225332	9.70E-05	0.10755	0.22964
7w11w_SITTC	0.023006	0.2274117	7.34E-05	0.039406	0.67444
7w11w_SITTC	0.0742316	0.72632396	0.00012534	0.066176	-1.0201
7w11w_SITTC	0.05090337	0.49911845	0.00010561	0.092703	0.010852
7w11w_SITTC	0.0637525	0.6242626	0.00011787	0.097201	-0.5246
7w11w_SITTC	0.01347157	0.13455105	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.04534313	0.4449644	9.97E-05	0.10268	0.17344
7w11w_SITTC	0.06633755	0.64943975	0.00011979	0.091802	-0.66011
7w11w_SITTC	0.04834401	0.4741915	0.00010308	0.095994	0.091263
7w11w_SITTC	0.06261352	0.6131695	0.00011672	0.098627	-0.47447
7w11w_SITTC	0.03680762	0.36183265	8.98E-05	0.10298	0.4477
7w11w_SITTC	0.05147477	0.50468355	0.00010632	0.092309	-0.0001745
7w11w_SITTC	0.07457347	0.7296536	0.00012556	0.06525	-1.0333
7w11w_SITTC	0.07602353	0.7437765	0.0001264	0.06191	-1.0832
7w11w_SITTC	0.04905449	0.48111126	0.00010381	0.094798	0.072211
7w11w_SITTC	0.00615392	0.06328069	5.66E-05	0.010584	0.18365
7w11w_SITTC	0.05491569	0.5381964	0.00010978	0.093528	-0.12355
7w11w_SITTC	0.04498455	0.441472	9.93E-05	0.10345	0.18258
7w11w_SITTC	0.05265474	0.51617587	0.00010738	0.092189	-0.046772
7w11w_SITTC	0.03456884	0.34002808	8.73E-05	0.093873	0.55601
7w11w_SITTC	0.05126094	0.502601	0.00010597	0.092472	-0.0001745
7w11w_SITTC	0.05562492	0.54510397	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.05149946	0.50492406	0.00010632	0.092309	-0.0001745
7w11w_SITTC	0.05303804	0.519909	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.07189269	0.7035441	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.03318698	0.32656944	8.57E-05	0.086671	0.61617
7w11w_SITTC	0.06273387	0.6143417	0.00011701	0.098387	-0.47447
7w11w_SITTC	0.05554497	0.5443253	0.00011045	0.094186	-0.1508
7w11w_SITTC	0.03563767	0.35043794	8.86E-05	0.098764	0.50933
7w11w_SITTC	0.06003364	0.58804274	0.00011462	0.098526	-0.3445
7w11w_SITTC	0.02148961	0.2126428	7.18E-05	0.035549	0.6056
7w11w_SITTC	0.05842526	0.57237786	0.00011305	0.097132	-0.2822
7w11w_SITTC	0.02802942	0.27633736	7.94E-05	0.059253	0.76661
7w11w_SITTC	0.07279883	0.7123694	0.00012446	0.070202	-0.96444
7w11w_SITTC	0.07606745	0.74420416	0.0001266	0.061174	-1.0832
7w11w_SITTC	0.04969116	0.48731205	0.00010453	0.09379	0.052555
7w11w_SITTC	0.05438653	0.53304267	0.0001091	0.092966	-0.11022
7w11w_SITTC	0.01620917	0.1612139	6.58E-05	0.023731	0.27899

7w11w_SITTC	0.06865245	0.67198575	0.00012161	0.084113	-0.77743
7w11w_SITTC	0.06777299	0.66342026	0.00012084	0.087573	-0.72756
7w11w_SITTC	0.02160783	0.21379422	7.18E-05	0.035549	0.6056
7w11w_SITTC	0.01976189	0.19581562	6.99E-05	0.031319	0.50588
7w11w_SITTC	0.03432611	0.33766404	8.69E-05	0.09213	0.57137
7w11w_SITTC	0.04350254	0.42703792	9.78E-05	0.10633	0.21998
7w11w_SITTC	0.07578858	0.74148816	0.0001264	0.06191	-1.0712
7w11w_SITTC	0.01332198	0.13309404	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.05318816	0.5213711	0.00010807	0.092373	-0.059017
7w11w_SITTC	0.06252907	0.61234695	0.00011672	0.098627	-0.47447
7w11w_SITTC	0.08309498	0.81264895	0.00013026	0.053541	-1.2598
7w11w_SITTC	0.03994116	0.39235187	9.34E-05	0.10962	0.32588
7w11w_SITTC	0.05388578	0.5281656	0.00010876	0.092731	-0.084185
7w11w_SITTC	0.01822844	0.1808806	6.80E-05	0.027619	0.4001
7w11w_SITTC	0.05700965	0.5585906	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.0395081	0.3881341	9.30E-05	0.10937	0.35035
7w11w_SITTC	0.0513982	0.5039378	0.00010632	0.092309	-0.0001745
7w11w_SITTC	0.09851752	0.9628568	0.00013585	0.052145	-1.3442
7w11w_SITTC	0.06173213	0.6045852	0.00011613	0.098894	-0.42501
7w11w_SITTC	0.03774078	0.37092125	9.10E-05	0.1063	0.41807
7w11w_SITTC	0.06881773	0.6735954	0.00012161	0.084113	-0.77743
7w11w_SITTC	0.06051599	0.59274054	0.00011492	0.0987	-0.37638
7w11w_SITTC	0.06016556	0.5893276	0.00011462	0.098526	-0.36038
7w11w_SITTC	0.06591275	0.64530236	0.00011953	0.092756	-0.64315
7w11w_SITTC	0.08916552	0.871773	0.00013288	0.052615	-1.3244
7w11w_SITTC	0.06120816	0.59948194	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.06658043	0.6518053	0.00012006	0.090801	-0.67704
7w11w_SITTC	0.06265242	0.61354834	0.00011672	0.098627	-0.47447
7w11w_SITTC	0.06113099	0.5987303	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.01514216	0.1508217	6.47E-05	0.021973	0.22576
7w11w_SITTC	0.03393712	0.33387545	8.65E-05	0.090344	0.58656
7w11w_SITTC	0.00359385	0.03834683	5.44E-05	0.0082917	0.27903
7w11w_SITTC	0.07294162	0.71376014	0.00012446	0.070202	-0.96444
7w11w_SITTC	0.01015419	0.10224138	6.02E-05	0.015048	0.10718
7w11w_SITTC	0.00950508	0.09591934	5.95E-05	0.014213	0.11014
7w11w_SITTC	0.04892185	0.47981933	0.00010344	0.095375	0.072211
7w11w_SITTC	0.06728637	0.6586808	0.00012058	0.088682	-0.71078
7w11w_SITTC	0.04961154	0.48653662	0.00010417	0.094268	0.052555
7w11w_SITTC	0.02249837	0.22246763	7.30E-05	0.038397	0.65846
7w11w_SITTC	0.07171934	0.7018558	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.04475442	0.43923062	9.89E-05	0.10421	0.18258
7w11w_SITTC	0.05162689	0.5061651	0.00010632	0.092309	-0.011455
7w11w_SITTC	0.04928085	0.48331583	0.00010417	0.094268	0.062467
7w11w_SITTC	0.05579028	0.5467145	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.08924016	0.87249994	0.00013288	0.052615	-1.3244
7w11w_SITTC	0.06601266	0.64627546	0.00011953	0.092756	-0.64315

7w11w_SITTC	0.03270132	0.32183933	8.48E-05	0.082909	0.6305
7w11w_SITTC	0.05668634	0.5554417	0.00011144	0.095284	-0.20754
7w11w_SITTC	0.04828649	0.4736313	0.00010308	0.095994	0.091263
7w11w_SITTC	0.02027123	0.20077634	7.02E-05	0.032119	0.52662
7w11w_SITTC	0.05287176	0.51828957	0.00010773	0.092257	-0.046772
7w11w_SITTC	0.08100059	0.7922506	0.00012924	0.054725	-1.2227
7w11w_SITTC	0.03822123	0.3756006	9.14E-05	0.10717	0.38979
7w11w_SITTC	0.03338774	0.32852474	8.57E-05	0.086671	0.60151
7w11w_SITTC	0.02087935	0.20669915	7.10E-05	0.033786	0.56707
7w11w_SITTC	0.06155022	0.6028134	0.00011583	0.09893	-0.42501
7w11w_SITTC	0.01972367	0.19544342	6.95E-05	0.030541	0.50588
7w11w_SITTC	0.0312574	0.30777627	8.32E-05	0.075317	0.69526
7w11w_SITTC	0.03110591	0.30630082	8.32E-05	0.075317	0.69526
7w11w_SITTC	0.0169672	0.16859668	6.65E-05	0.024968	0.33781
7w11w_SITTC	0.07496876	0.73350346	0.00012577	0.064358	-1.0462
7w11w_SITTC	0.07159423	0.7006372	0.00012355	0.074645	-0.90497
7w11w_SITTC	0.05796358	0.5678814	0.00011273	0.096781	-0.25188
7w11w_SITTC	0.04411335	0.43298697	9.82E-05	0.10565	0.20107
7w11w_SITTC	0.0580299	0.5685273	0.00011273	0.096781	-0.26697
7w11w_SITTC	0.0672961	0.6587755	0.00012058	0.088682	-0.71078
7w11w_SITTC	0.06278174	0.61480784	0.00011701	0.098387	-0.47447
7w11w_SITTC	0.0138216	0.13796014	6.34E-05	0.019794	0.16714
7w11w_SITTC	0.05690415	0.557563	0.00011177	0.095663	-0.20754
7w11w_SITTC	0.06841325	0.66965604	0.00012136	0.085284	-0.7609
7w11w_SITTC	0.05904724	0.57843566	0.00011368	0.097776	-0.31309
7w11w_SITTC	0.04216325	0.41399387	9.62E-05	0.10856	0.25963
7w11w_SITTC	0.03667186	0.36051047	8.98E-05	0.10298	0.46289
7w11w_SITTC	0.05533722	0.5423019	0.00011011	0.093847	-0.1508
7w11w_SITTC	0.07601682	0.7437111	0.0001264	0.06191	-1.0832
7w11w_SITTC	0.03218659	0.3168261	8.44E-05	0.081011	0.65793
7w11w_SITTC	0.04626025	0.4538967	0.00010084	0.10033	0.14626
7w11w_SITTC	0.05958604	0.5836834	0.00011431	0.098311	-0.32873
7w11w_SITTC	0.09074725	0.8871783	0.00013338	0.052577	-1.3317
7w11w_SITTC	0.00331442	0.03562533	5.44E-05	0.0082917	0.2947
7w11w_SITTC	0.02813365	0.27735248	7.94E-05	0.059253	0.76661
7w11w_SITTC	0.06754935	0.66124207	0.00012084	0.087573	-0.71078
7w11w_SITTC	0.06533893	0.6397137	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.05288899	0.51845735	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.03552637	0.34935394	8.81E-05	0.097198	0.50933
7w11w_SITTC	0.07179567	0.7025991	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.05260275	0.51566947	0.00010738	0.092189	-0.046772
7w11w_SITTC	0.06320033	0.6188848	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.05048676	0.49506083	0.00010525	0.093003	0.021622
7w11w_SITTC	0.08395919	0.82106584	0.00013058	0.053285	-1.2702
7w11w_SITTC	0.04305085	0.42263874	9.70E-05	0.10755	0.22964
7w11w_SITTC	0.05216374	0.5113938	0.00010703	0.092172	-0.022986

7w11w_SITTC	0.02413325	0.23839054	7.46E-05	0.042633	0.72811
7w11w_SITTC	0.0612958	0.60033554	0.00011583	0.09893	-0.4087
7w11w_SITTC	0.08801019	0.86052066	0.00013235	0.052652	-1.315
7w11w_SITTC	0.03906674	0.38383546	9.26E-05	0.10901	0.36311
7w11w_SITTC	0.07664836	0.749862	0.0001268	0.060479	-1.1061
7w11w_SITTC	0.06519248	0.63828737	0.00011898	0.094504	-0.59222
7w11w_SITTC	0.04771762	0.46809077	0.00010234	0.09734	0.10986
7w11w_SITTC	0.06000963	0.58780885	0.00011462	0.098526	-0.3445
7w11w_SITTC	0.08287378	0.81049454	0.00013009	0.053693	-1.2543
7w11w_SITTC	0.05695161	0.55802524	0.00011177	0.095663	-0.20754
7w11w_SITTC	0.0564669	0.5533045	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.07053191	0.69029075	0.00012284	0.078159	-0.8583
7w11w_SITTC	0.07739231	0.7571077	0.0001272	0.059217	-1.1276
7w11w_SITTC	0.04866877	0.47735453	0.00010344	0.095375	0.081803
7w11w_SITTC	0.06474752	0.63395363	0.00011871	0.095287	-0.57526
7w11w_SITTC	0.06241517	0.6112377	0.00011672	0.098627	-0.4579
7w11w_SITTC	0.08063657	0.78870517	0.00012907	0.054994	-1.2155
7w11w_SITTC	0.04518582	0.4434323	9.97E-05	0.10268	0.17344
7w11w_SITTC	0.0504976	0.4951664	0.00010525	0.093003	0.021622
7w11w_SITTC	0.06900168	0.6753871	0.00012186	0.08293	-0.79386
7w11w_SITTC	0.05741785	0.5625662	0.00011209	0.096042	-0.23694
7w11w_SITTC	0.04670597	0.45823774	0.00010122	0.099559	0.13721
7w11w_SITTC	0.06827743	0.66833323	0.00012136	0.085284	-0.7609
7w11w_SITTC	0.0430277	0.42241323	9.70E-05	0.10755	0.22964
7w11w_SITTC	0.01526107	0.15197991	6.47E-05	0.021973	0.24275
7w11w_SITTC	0.00822929	0.08349378	5.84E-05	0.012653	0.12871
7w11w_SITTC	0.03911412	0.38429686	9.26E-05	0.10901	0.36311
7w11w_SITTC	0.04546291	0.44613096	9.97E-05	0.10268	0.16436
7w11w_SITTC	0.00680604	0.06963196	5.72E-05	0.011238	0.16213
7w11w_SITTC	0.07317426	0.71602595	0.00012469	0.069151	-0.97873
7w11w_SITTC	0.08566839	0.8377126	0.00013135	0.05287	-1.2923
7w11w_SITTC	0.04138804	0.40644374	9.54E-05	0.10929	0.28067
7w11w_SITTC	0.07867096	0.7695611	0.00012797	0.057152	-1.1666
7w11w_SITTC	0.06407145	0.6273691	0.00011815	0.096641	-0.54144
7w11w_SITTC	0.08235367	0.8054289	0.00012993	0.053861	-1.2485
7w11w_SITTC	0.04570821	0.4485201	0.00010009	0.1019	0.1553
7w11w_SITTC	0.05577936	0.54660815	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.08757707	0.85630226	0.00013221	0.052667	-1.3123
7w11w_SITTC	0.0764697	0.7481219	0.0001268	0.060479	-1.0948
7w11w_SITTC	0.03451137	0.3394683	8.73E-05	0.093873	0.55601
7w11w_SITTC	0.06781904	0.6638688	0.00012084	0.087573	-0.72756
7w11w_SITTC	0.07967251	0.7793157	0.00012853	0.055948	-1.1924
7w11w_SITTC	0.07141247	0.69886696	0.00012355	0.074645	-0.90497
7w11w_SITTC	0.02903101	0.2860923	8.07E-05	0.064343	0.751
7w11w_SITTC	0.07175294	0.702183	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.04538894	0.44541055	9.97E-05	0.10268	0.16436

7w11w_SITTC	0.04948229	0.48527774	0.00010417	0.094268	0.052555
7w11w_SITTC	0.01498691	0.14930964	6.47E-05	0.021973	0.22576
7w11w_SITTC	0.06981312	0.68329006	0.00012235	0.080544	-0.82636
7w11w_SITTC	0.03432757	0.33767825	8.69E-05	0.09213	0.57137
7w11w_SITTC	0.0306232	0.30159944	8.23E-05	0.07157	0.71698
7w11w_SITTC	0.01676623	0.16663934	6.65E-05	0.024968	0.31771
7w11w_SITTC	0.09044863	0.88426983	0.00013325	0.052587	-1.3301
7w11w_SITTC	0.02997782	0.29531378	8.15E-05	0.067903	0.72675
7w11w_SITTC	0.03016646	0.29715106	8.19E-05	0.069725	0.72675
7w11w_SITTC	0.05252313	0.514894	0.00010738	0.092189	-0.03476
7w11w_SITTC	0.06117296	0.59913915	0.00011553	0.098907	-0.4087
7w11w_SITTC	0.05792448	0.56750053	0.00011273	0.096781	-0.25188
7w11w_SITTC	0.03953192	0.38836604	9.30E-05	0.10937	0.33794
7w11w_SITTC	0.06580231	0.64422673	0.00011953	0.092756	-0.62617
7w11w_SITTC	0.02384441	0.2355774	7.42E-05	0.041523	0.71639
7w11w_SITTC	0.06197371	0.6069381	0.00011613	0.098894	-0.44141
7w11w_SITTC	0.06597653	0.6459236	0.00011953	0.092756	-0.64315
7w11w_SITTC	0.06720056	0.657845	0.00012058	0.088682	-0.69393
7w11w_SITTC	0.02002461	0.19837444	6.99E-05	0.031319	0.52662
7w11w_SITTC	0.03198829	0.31489483	8.40E-05	0.07911	0.67094
7w11w_SITTC	0.01886247	0.18705569	6.87E-05	0.029043	0.44251
7w11w_SITTC	0.02038851	0.20191863	7.02E-05	0.032119	0.54704
7w11w_SITTC	0.02255513	0.22302045	7.30E-05	0.038397	0.65846
7w11w_SITTC	0.05012233	0.49151143	0.0001049	0.093366	0.042456
7w11w_SITTC	0.05022644	0.49252546	0.0001049	0.093366	0.032151
7w11w_SITTC	0.07829163	0.76586664	0.00012778	0.057615	-1.1573
7w11w_SITTC	0.05957188	0.5835454	0.000114	0.098059	-0.32873
7w11w_SITTC	0.01340445	0.13389724	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.04496294	0.4412615	9.93E-05	0.10345	0.18258
7w11w_SITTC	0.04223546	0.41469726	9.62E-05	0.10856	0.25963
7w11w_SITTC	0.07144673	0.6992007	0.00012355	0.074645	-0.90497
7w11w_SITTC	0.01318804	0.13178954	6.27E-05	0.018769	0.15521
7w11w_SITTC	0.05762454	0.5645793	0.00011241	0.096416	-0.23694
7w11w_SITTC	0.06322107	0.61908674	0.0001173	0.098072	-0.50782
7w11w_SITTC	0.04786696	0.46954522	0.00010234	0.09734	0.10061
7w11w_SITTC	0.05352284	0.5246307	0.00010842	0.092532	-0.07149
7w11w_SITTC	0.04512826	0.4428717	9.93E-05	0.10345	0.17344
7w11w_SITTC	0.07690251	0.7523373	0.000127	0.059827	-1.117
7w11w_SITTC	0.06537384	0.6400537	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.01150068	0.1153555	6.11E-05	0.016373	0.11542
7w11w_SITTC	0.08768228	0.857327	0.00013221	0.052667	-1.3123
7w11w_SITTC	0.05349105	0.5243211	0.00010842	0.092532	-0.07149
7w11w_SITTC	0.07706356	0.75390583	0.000127	0.059827	-1.117
7w11w_SITTC	0.07874637	0.77029556	0.00012797	0.057152	-1.1666
7w11w_SITTC	0.01786556	0.17734635	6.76E-05	0.026932	0.37908
7w11w_SITTC	0.05362462	0.52562207	0.00010842	0.092532	-0.084185

7w11w_SITTC	0.03950169	0.38807163	9.30E-05	0.10937	0.35035
7w11w_SITTC	0.0757051	0.74067515	0.00012619	0.062687	-1.0712
7w11w_SITTC	0.07963166	0.77891785	0.00012853	0.055948	-1.1924
7w11w_SITTC	0.05636741	0.5523355	0.00011111	0.094909	-0.19309
7w11w_SITTC	0.02230961	0.2206292	7.26E-05	0.037419	0.64161
7w11w_SITTC	0.07476812	0.7315494	0.00012577	0.064358	-1.0333
7w11w_SITTC	0.02231734	0.22070442	7.26E-05	0.037419	0.64161
7w11w_SITTC	0.07327401	0.71699744	0.00012469	0.069151	-0.97873
7w11w_SITTC	0.03911359	0.3842917	9.26E-05	0.10901	0.36311
7w11w_SITTC	0.02268026	0.22423917	7.30E-05	0.038397	0.65846
7w11w_SITTC	0.06293696	0.61631966	0.00011701	0.098387	-0.49111
7w11w_SITTC	0.05462167	0.53533286	0.00010944	0.093233	-0.12355
7w11w_SITTC	0.05729426	0.5613625	0.00011209	0.096042	-0.22216
7w11w_SITTC	0.03838144	0.37716094	9.18E-05	0.10791	0.38979
7w11w_SITTC	0.03333836	0.3280438	8.57E-05	0.086671	0.61617
7w11w_SITTC	0.07654851	0.7488895	0.0001268	0.060479	-1.1061
7w11w_SITTC	0.05301828	0.5197165	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.06004405	0.5881441	0.00011462	0.098526	-0.3445
7w11w_SITTC	0.0421416	0.41378304	9.62E-05	0.10856	0.25963
7w11w_SITTC	0.05392292	0.5285273	0.00010876	0.092731	-0.097097
7w11w_SITTC	0.09523395	0.9308765	0.00013484	0.052368	-1.3437
7w11w_SITTC	0.03015666	0.2970556	8.19E-05	0.069725	0.72675
7w11w_SITTC	0.0529106	0.5186678	0.00010773	0.092257	-0.059017
7w11w_SITTC	0.08291118	0.8108588	0.00013009	0.053693	-1.2543
7w11w_SITTC	0.05840601	0.57219046	0.00011305	0.097132	-0.2822
7w11w_SITTC	0.03060635	0.3014354	8.23E-05	0.07157	0.71698
7w11w_SITTC	0.03920424	0.38517466	9.26E-05	0.10901	0.35035
7w11w_SITTC	0.05952197	0.5830594	0.000114	0.098059	-0.32873
7w11w_SITTC	0.03860908	0.37937805	9.18E-05	0.10791	0.37625
7w11w_SITTC	0.06291608	0.6161163	0.00011701	0.098387	-0.49111
7w11w_SITTC	0.0233412	0.23067634	7.38E-05	0.040447	0.68948
7w11w_SITTC	0.02647225	0.26117125	7.74E-05	0.051562	0.76965
7w11w_SITTC	0.06292128	0.61616695	0.00011701	0.098387	-0.49111
7w11w_SITTC	0.07016519	0.68671906	0.0001226	0.07935	-0.8424
7w11w_SITTC	0.03897948	0.38298553	9.26E-05	0.10901	0.36311
7w11w_SITTC	0.09056155	0.8853696	0.00013338	0.052577	-1.3317
7w11w_SITTC	0.0733446	0.7176849	0.00012491	0.068128	-0.97873
7w11w_SITTC	0.06660019	0.6519977	0.00012006	0.090801	-0.67704
7w11w_SITTC	0.00330507	0.03553428	5.44E-05	0.0082917	0.2947
7w11w_SITTC	0.0425708	0.41796327	9.66E-05	0.10808	0.24945
7w11w_SITTC	0.05741618	0.56254995	0.00011209	0.096042	-0.23694
7w11w_SITTC	0.07256114	0.71005446	0.00012424	0.071279	-0.9499
7w11w_SITTC	0.07279084	0.7122916	0.00012446	0.070202	-0.96444
7w11w_SITTC	0.05355954	0.5249882	0.00010842	0.092532	-0.07149
7w11w_SITTC	0.06706574	0.65653193	0.00012032	0.089759	-0.69393
7w11w_SITTC	0.01875243	0.18598399	6.87E-05	0.029043	0.44251

7w11w_SITTC	0.00949013	0.09577373	5.95E-05	0.014213	0.11014
7w11w_SITTC	0.06270473	0.61405784	0.00011701	0.098387	-0.47447
7w11w_SITTC	0.04931989	0.48369604	0.00010417	0.094268	0.062467
7w11w_SITTC	0.091699	0.8964479	0.00013374	0.052539	-1.336
7w11w_SITTC	0.003094	0.03347854	5.42E-05	0.0080398	0.31077
7w11w_SITTC	0.0821864	0.8037998	0.00012976	0.054048	-1.2424
7w11w_SITTC	0.07940721	0.7767318	0.00012835	0.05632	-1.1841
7w11w_SITTC	0.00674439	0.06903154	5.72E-05	0.011238	0.16213
7w11w_SITTC	0.08254836	0.80732507	0.00012993	0.053861	-1.2485
7w11w_SITTC	0.01591724	0.1583706	6.54E-05	0.023132	0.27899
7w11w_SITTC	0.06642214	0.65026355	0.00011979	0.091802	-0.66011
7w11w_SITTC	0.07684889	0.751815	0.000127	0.059827	-1.117
7w11w_SITTC	0.06210829	0.60824883	0.00011642	0.098794	-0.44141
7w11w_SITTC	0.05479804	0.5370506	0.00010978	0.093528	-0.12355
7w11w_SITTC	0.02224226	0.21997322	7.26E-05	0.037419	0.64161
7w11w_SITTC	0.05491663	0.53820556	0.00010978	0.093528	-0.12355
7w11w_SITTC	0.04953796	0.48582003	0.00010417	0.094268	0.052555
7w11w_SITTC	0.0234216	0.23145942	7.38E-05	0.040447	0.68948
7w11w_SITTC	0.07968734	0.77946013	0.00012853	0.055948	-1.1924
7w11w_SITTC	0.05510629	0.54005283	0.00010978	0.093528	-0.13708
7w11w_SITTC	0.07001834	0.68528885	0.0001226	0.07935	-0.8424
7w11w_SITTC	0.07597545	0.7433081	0.0001264	0.06191	-1.0832
7w11w_SITTC	0.05939367	0.5818098	0.000114	0.098059	-0.32873
7w11w_SITTC	0.01595443	0.15873282	6.54E-05	0.023132	0.27899
7w11w_SITTC	0.07436522	0.7276253	0.00012556	0.06525	-1.0201
7w11w_SITTC	0.01131063	0.11350452	6.11E-05	0.016373	0.1115
7w11w_SITTC	0.02616274	0.25815675	7.70E-05	0.050154	0.76634
7w11w_SITTC	0.079376	0.77642787	0.00012835	0.05632	-1.1841
7w11w_SITTC	0.02852361	0.2811505	7.99E-05	0.060913	0.76245
7w11w_SITTC	0.04572735	0.44870648	0.00010009	0.1019	0.1553
7w11w_SITTC	0.05400089	0.5292867	0.00010876	0.092731	-0.097097
7w11w_SITTC	0.05617334	0.55044526	0.00011111	0.094909	-0.17881
7w11w_SITTC	0.06218917	0.60903656	0.00011642	0.098794	-0.4579
7w11w_SITTC	0.07189988	0.70361406	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.05173874	0.5072544	0.00010668	0.092211	-0.011455
7w11w_SITTC	0.00223506	0.02511292	5.36E-05	0.0075574	0.34395
7w11w_SITTC	0.06238891	0.6109819	0.00011672	0.098627	-0.4579
7w11w_SITTC	0.08198535	0.8018416	0.00012976	0.054048	-1.2424
7w11w_SITTC	0.07968887	0.77947503	0.00012853	0.055948	-1.1924
7w11w_SITTC	0.01173872	0.11767393	6.14E-05	0.016833	0.11542
7w11w_SITTC	0.02912391	0.28699714	8.07E-05	0.064343	0.751
7w11w_SITTC	0.01855082	0.1840204	6.84E-05	0.028322	0.42127
7w11w_SITTC	0.02644857	0.26094058	7.74E-05	0.051562	0.76965
7w11w_SITTC	0.07304772	0.7147935	0.00012469	0.069151	-0.96444
7w11w_SITTC	0.04677327	0.4588932	0.00010122	0.099559	0.12814
7w11w_SITTC	0.02748314	0.27101687	7.86E-05	0.05605	0.77153

7w11w_SITTC	0.05774511	0.5657536	0.00011241	0.096416	-0.25188
7w11w_SITTC	0.06718521	0.65769553	0.00012058	0.088682	-0.69393
7w11w_SITTC	0.01404238	0.14011036	6.37E-05	0.020323	0.18023
7w11w_SITTC	0.07515385	0.7353062	0.00012598	0.063504	-1.0589
7w11w_SITTC	0.03720266	0.36568025	9.02E-05	0.1042	0.43275
7w11w_SITTC	0.07720092	0.75524366	0.0001272	0.059217	-1.1276
7w11w_SITTC	0.06782232	0.6639006	0.0001211	0.086439	-0.72756
7w11w_SITTC	0.03947016	0.38776448	9.30E-05	0.10937	0.35035
7w11w_SITTC	0.06523531	0.6387045	0.00011898	0.094504	-0.60919
7w11w_SITTC	0.04431872	0.43498716	9.86E-05	0.10494	0.20107
7w11w_SITTC	0.05459595	0.53508234	0.00010944	0.093233	-0.12355
7w11w_SITTC	0.04913126	0.4818589	0.00010381	0.094798	0.062467
7w11w_SITTC	0.04338748	0.42591733	9.74E-05	0.10696	0.21998
7w11w_SITTC	0.01565801	0.15584582	6.54E-05	0.023132	0.26052
7w11w_SITTC	0.02897731	0.28556928	8.03E-05	0.062611	0.751
7w11w_SITTC	0.01632362	0.16232856	6.62E-05	0.024342	0.29808
7w11w_SITTC	0.05202839	0.51007557	0.00010703	0.092172	-0.022986
7w11w_SITTC	0.04557625	0.4472349	0.00010009	0.1019	0.16436
7w11w_SITTC	0.0132059	0.13196348	6.27E-05	0.018769	0.15521
7w11w_SITTC	0.0556696	0.54553914	0.00011045	0.094186	-0.16472
7w11w_SITTC	0.06693598	0.65526813	0.00012032	0.089759	-0.69393
7w11w_SITTC	0.04284935	0.42067623	9.70E-05	0.10755	0.23945
7w11w_SITTC	0.01383074	0.1380491	6.34E-05	0.019794	0.16714
7w11w_SITTC	0.05539398	0.5428547	0.00011011	0.093847	-0.1508
7w11w_SITTC	0.01322465	0.13214608	6.30E-05	0.019276	0.15521
7w11w_SITTC	0.02589785	0.2555769	7.66E-05	0.04879	0.76634
7w11w_SITTC	0.06027773	0.5904201	0.00011492	0.0987	-0.36038
7w11w_SITTC	0.05546358	0.5435326	0.00011045	0.094186	-0.1508
7w11w_SITTC	0.04447321	0.4364918	9.89E-05	0.10421	0.19178
7w11w_SITTC	0.0365434	0.35925934	8.94E-05	0.10166	0.46289
7w11w_SITTC	0.0284299	0.28023785	7.99E-05	0.060913	0.76245
7w11w_SITTC	0.07175436	0.70219684	0.00012378	0.073503	-0.92016
7w11w_SITTC	0.09316509	0.91072685	0.00013419	0.052478	-1.3401
7w11w_SITTC	0.04964148	0.48682818	0.00010453	0.09379	0.052555
7w11w_SITTC	0.01402725	0.13996308	6.37E-05	0.020323	0.18023
7w11w_SITTC	0.01079867	0.1085183	6.05E-05	0.01548	0.10884
7w11w_SITTC	0.05716282	0.5600824	0.00011177	0.095663	-0.22216
7w11w_SITTC	0.05616872	0.5504003	0.00011111	0.094909	-0.17881
7w11w_SITTI	0.03274909	0.3223046	8.48E-05	0.082909	0.6305
7w11w_SITTI	0.05002815	0.49059424	0.0001049	0.093366	0.042456
7w11w_SITTI	0.04742838	0.46527368	0.00010197	0.098057	0.10986
7w11w_SITTI	0.04116279	0.40424994	9.50E-05	0.10955	0.29155
7w11w_SITTI	0.05448866	0.53403735	0.00010944	0.093233	-0.11022
7w11w_SITTI	0.06804967	0.6661149	0.0001211	0.086439	-0.74427
7w11w_SITTI	0.04904616	0.48103008	0.00010381	0.094798	0.072211
7w11w_SITTI	0.04449696	0.43672308	9.89E-05	0.10421	0.19178

7w11w_SITTI	0.04532178	0.44475645	9.97E-05	0.10268	0.17344
7w11w_SITTI	0.0579692	0.5679361	0.00011273	0.096781	-0.25188
7w11w_SITTI	0.07208573	0.7054242	0.00012401	0.07238	-0.93514
7w11w_SITTI	0.04964569	0.48686922	0.00010453	0.09379	0.052555
7w11w_SITTI	0.01681423	0.16710684	6.65E-05	0.024968	0.31771
7w11w_SITTI	0.06661741	0.6521654	0.00012006	0.090801	-0.67704
7w11w_SITTI	0.05489	0.5379462	0.00010978	0.093528	-0.12355
7w11w_SITTI	0.06740318	0.6598185	0.00012058	0.088682	-0.71078
7w11w_SITTI	0.01136999	0.11408258	6.11E-05	0.016373	0.1115
7w11w_SITTI	0.04467867	0.43849286	9.89E-05	0.10421	0.18258
7w11w_SITTI	0.01556876	0.1549766	6.51E-05	0.022546	0.24275
7w11w_SITTI	0.0464734	0.45597267	0.00010084	0.10033	0.13721
7w11w_SITTI	0.04480825	0.4397549	9.89E-05	0.10421	0.18258
7w11w_SITTI	0.07492962	0.7331223	0.00012577	0.064358	-1.0462
7w11w_SITTI	0.01660018	0.16502218	6.62E-05	0.024342	0.31771
7w11w_SITTI	0.07008856	0.68597275	0.0001226	0.07935	-0.8424
7w11w_SITTI	0.04158803	0.40839154	9.54E-05	0.10929	0.27003
7w11w_SITTI	0.03149641	0.3101041	8.36E-05	0.07721	0.6834
7w11w_SITTI	0.05941244	0.58199257	0.000114	0.098059	-0.32873
7w11w_SITTI	0.05747199	0.56309354	0.00011209	0.096042	-0.23694
7w11w_SITTI	0.04762662	0.46720448	0.00010234	0.09734	0.10986
7w11w_SITTI	0.0704741	0.68972766	0.00012284	0.078159	-0.8583
7w11w_SITTI	0.05482071	0.5372713	0.00010978	0.093528	-0.12355
7w11w_SITTI	0.03270806	0.32190505	8.48E-05	0.082909	0.6305
7w11w_SITTI	0.02237586	0.2212744	7.26E-05	0.037419	0.64161
7w11w_SITTI	0.06152034	0.60252243	0.00011583	0.09893	-0.42501
7w11w_SITTI	0.07700402	0.75332594	0.000127	0.059827	-1.117
7w11w_SITTI	0.06657623	0.65176433	0.00012006	0.090801	-0.67704
7w11w_SITTI	0.05135502	0.5035172	0.00010632	0.092309	-0.0001745
7w11w_SITTI	0.04326724	0.42474627	9.74E-05	0.10696	0.22964
7w11w_SITTI	0.0796274	0.7788763	0.00012853	0.055948	-1.1924
7w11w_SITTI	0.06878625	0.6732889	0.00012161	0.084113	-0.77743
7w11w_SITTI	0.05281025	0.5176904	0.00010773	0.092257	-0.046772
7w11w_SITTI	0.0403687	0.39651588	9.42E-05	0.10978	0.31414
7w11w_SITTI	0.06670466	0.6530152	0.00012006	0.090801	-0.67704
7w11w_SITTI	0.01625803	0.16168971	6.58E-05	0.023731	0.29808
7w11w_SITTI	0.07413678	0.7254004	0.00012534	0.066176	-1.0201
7w11w_SITTI	0.04839875	0.47472465	0.00010308	0.095994	0.091263
7w11w_SITTI	0.07877156	0.77054095	0.00012797	0.057152	-1.1666
7w11w_SITTI	0.0776264	0.7593876	0.0001274	0.058646	-1.1379
7w11w_SITTI	0.01880951	0.18653989	6.87E-05	0.029043	0.44251
7w11w_SITTI	0.0734927	0.71912736	0.00012491	0.068128	-0.99278
7w11w_SITTI	0.03678241	0.36158723	8.98E-05	0.10298	0.46289
7w11w_SITTI	0.0709447	0.69431114	0.00012331	0.075804	-0.87403
7w11w_SITTI	0.0541545	0.53078276	0.0001091	0.092966	-0.097097
7w11w_SITTI	0.03255384	0.320403	8.48E-05	0.082909	0.64444

7w11w_SITTI	0.03911197	0.38427594	9.26E-05	0.10901	0.36311
7w11w_SITTI	0.06186335	0.6058632	0.00011613	0.098894	-0.44141
7w11w_SITTI	0.00468701	0.04899373	5.55E-05	0.0093744	0.23478
7w11w_SITTI	0.06122956	0.5996904	0.00011553	0.098907	-0.4087
7w11w_SITTI	0.04133998	0.4059757	9.50E-05	0.10955	0.28067
7w11w_SITTI	0.05619607	0.5506667	0.00011111	0.094909	-0.17881
7w11w_SITTI	0.06734194	0.659222	0.00012058	0.088682	-0.71078
7w11w_SITTI	0.04061607	0.3989252	9.42E-05	0.10978	0.3027
7w11w_SITTI	0.03711363	0.36481312	9.02E-05	0.1042	0.4477
7w11w_SITTI	0.05521297	0.5410918	0.00011011	0.093847	-0.13708
7w11w_SITTI	0.03284904	0.32327804	8.52E-05	0.084798	0.6305
7w11w_SITTI	0.02554322	0.25212297	7.62E-05	0.047472	0.7616
7w11w_SITTI	0.08253875	0.80723155	0.00012993	0.053861	-1.2485
7w11w_SITTI	0.04221027	0.41445187	9.62E-05	0.10856	0.25963
7w11w_SITTI	0.05840768	0.5722067	0.00011305	0.097132	-0.2822
7w11w_SITTI	0.07877906	0.770614	0.00012797	0.057152	-1.1666
7w11w_SITTI	0.04146216	0.40716565	9.54E-05	0.10929	0.28067
7w11w_SITTI	0.06929529	0.6782467	0.00012211	0.081739	-0.79386
7w11w_SITTI	0.02909205	0.28668687	8.07E-05	0.064343	0.751
7w11w_SITTI	0.06381319	0.6248537	0.00011787	0.097201	-0.5246
7w11w_SITTI	0.01965432	0.19476795	6.95E-05	0.030541	0.48489
7w11w_SITTI	0.07192584	0.70386696	0.00012378	0.073503	-0.92016
7w11w_SITTI	0.03038652	0.29929438	8.19E-05	0.069725	0.71698
7w11w_SITTI	0.04344348	0.42646268	9.78E-05	0.10633	0.21998
7w11w_SITTI	0.06468818	0.63337564	0.00011843	0.096001	-0.57526
7w11w_SITTI	0.04785224	0.4694019	0.00010234	0.09734	0.10061
7w11w_SITTI	0.0179058	0.17773822	6.76E-05	0.026932	0.37908
7w11w_SITTI	0.00504455	0.05247593	5.58E-05	0.0096645	0.22108
7w11w_SITTI	0.08251792	0.80702865	0.00012993	0.053861	-1.2485
7w11w_SITTI	0.03068501	0.3022015	8.23E-05	0.07157	0.70647
7w11w_SITTI	0.06949554	0.68019706	0.00012211	0.081739	-0.81017
7w11w_SITTI	0.04232389	0.41555846	9.62E-05	0.10856	0.24945
7w11w_SITTI	0.06256767	0.612723	0.00011672	0.098627	-0.47447
7w11w_SITTI	0.07243935	0.70886827	0.00012424	0.071279	-0.9499
7w11w_SITTI	0.04671646	0.45833993	0.00010122	0.099559	0.12814
7w11w_SITTI	0.00907745	0.09175438	5.89E-05	0.013414	0.11326
7w11w_SITTI	0.073045	0.71476704	0.00012469	0.069151	-0.96444
7w11w_SITTI	0.06923328	0.6776427	0.00012211	0.081739	-0.79386
7w11w_SITTI	0.0615372	0.60268664	0.00011583	0.09893	-0.42501
7w11w_SITTI	0.01042659	0.10489442	6.02E-05	0.015048	0.10718
7w11w_SITTI	0.04734936	0.46450406	0.00010197	0.098057	0.11903
7w11w_SITTI	0.05369617	0.5263189	0.00010842	0.092532	-0.084185
7w11w_SITTI	0.05888812	0.57688594	0.00011337	0.097465	-0.29758
7w11w_SITTI	0.00637651	0.06544863	5.69E-05	0.010907	0.17252
7w11w_SITTI	0.05574292	0.54625326	0.00011045	0.094186	-0.16472
7w11w_SITTI	0.05656557	0.55426544	0.00011144	0.095284	-0.19309

7w11w_SITTI	0.05245091	0.5141907	0.00010738	0.092189	-0.03476
7w11w_SITTI	0.07836275	0.7665593	0.00012778	0.057615	-1.1573
7w11w_SITTI	0.04379499	0.42988628	9.82E-05	0.10565	0.21046
7w11w_SITTI	0.04488724	0.44052422	9.93E-05	0.10345	0.18258
7w11w_SITTI	0.05876803	0.5757163	0.00011337	0.097465	-0.29758
7w11w_SITTI	0.0368236	0.36198837	8.98E-05	0.10298	0.4477
7w11w_SITTI	0.01152069	0.11555041	6.14E-05	0.016833	0.11542
7w11w_SITTI	0.05933689	0.58125675	0.000114	0.098059	-0.31309
7w11w_SITTI	0.05484225	0.53748107	0.00010978	0.093528	-0.12355
7w11w_SITTI	0.08461723	0.82747483	0.00013089	0.053084	-1.2797
7w11w_SITTI	0.02178338	0.21550393	7.18E-05	0.035549	0.62396
7w11w_SITTI	0.04819992	0.47278816	0.00010271	0.09665	0.091263
7w11w_SITTI	0.09220093	0.9013364	0.00013385	0.052525	-1.3372
7w11w_SITTI	0.07270813	0.7114861	0.00012446	0.070202	-0.9499
7w11w_SITTI	0.04707809	0.4618621	0.00010159	0.098799	0.11903
7w11w_SITTI	0.07691044	0.7524145	0.000127	0.059827	-1.117
7w11w_SITTI	0.06657446	0.65174717	0.00012006	0.090801	-0.67704
7w11w_SITTI	0.05682867	0.5568279	0.00011144	0.095284	-0.20754
7w11w_SITTI	0.04044082	0.39721826	9.42E-05	0.10978	0.31414
7w11w_SITTI	0.0515771	0.5056802	0.00010632	0.092309	-0.011455
7w11w_SITTI	0.03683851	0.36213356	8.98E-05	0.10298	0.4477
7w11w_SITTI	0.06532471	0.6395752	0.00011898	0.094504	-0.60919
7w11w_SITTI	0.05545706	0.5434691	0.00011011	0.093847	-0.1508
7w11w_SITTI	0.01486748	0.14814651	6.44E-05	0.021412	0.20962
7w11w_SITTI	0.02197295	0.21735029	7.22E-05	0.03647	0.62396
7w11w_SITTI	0.09248025	0.90405685	0.00013397	0.05251	-1.3382
7w11w_SITTI	0.06059852	0.5935444	0.00011492	0.0987	-0.37638
7w11w_SITTI	0.08147995	0.79691935	0.00012942	0.054478	-1.2295
7w11w_SITTI	0.04848348	0.47554982	0.00010308	0.095994	0.081803
7w11w_SITTI	0.03792043	0.37267095	9.10E-05	0.1063	0.40374
7w11w_SITTI	0.04479615	0.43963704	9.89E-05	0.10421	0.18258
7w11w_SITTI	0.06562816	0.6425306	0.00011925	0.093659	-0.62617
7w11w_SITTI	0.06863409	0.6718069	0.00012161	0.084113	-0.77743
7w11w_SITTI	0.02895067	0.2853099	8.03E-05	0.062611	0.751
7w11w_SITTI	0.01422857	0.1419238	6.37E-05	0.020323	0.19442
7w11w_SITTI	0.08716717	0.85231006	0.00013207	0.052686	-1.3094
7w11w_SITTI	0.04267431	0.41897145	9.66E-05	0.10808	0.23945
7w11w_SITTI	0.04819092	0.47270045	0.00010271	0.09665	0.091263
7w11w_SITTI	0.02805582	0.27659446	7.94E-05	0.059253	0.76661
7w11w_SITTI	0.06328797	0.61973834	0.0001173	0.098072	-0.50782
7w11w_SITTI	0.00456152	0.04777151	5.52E-05	0.0090922	0.24903
7w11w_SITTI	0.01122077	0.11262934	6.11E-05	0.016373	0.1115
7w11w_SITTI	0.06088359	0.5963208	0.00011523	0.098828	-0.39249
7w11w_SITTI	0.0082668	0.08385909	5.84E-05	0.012653	0.12871
7w11w_SITTI	0.03136835	0.30885687	8.32E-05	0.075317	0.6834
7w11w_SITTI	0.04927434	0.48325244	0.00010381	0.094798	0.062467

7w11w_SITTI	0.04562603	0.44771966	0.00010009	0.1019	0.16436
7w11w_SITTI	0.03125522	0.307755	8.32E-05	0.075317	0.69526
7w11w_SITTI	0.04953574	0.48579833	0.00010417	0.094268	0.052555
7w11w_SITTI	0.05463854	0.53549707	0.00010944	0.093233	-0.12355
7w11w_SITTI	0.0518957	0.50878316	0.00010668	0.092211	-0.022986
7w11w_SITTI	0.05076889	0.49780867	0.00010561	0.092703	0.021622
7w11w_SITTI	0.07896201	0.77239585	0.00012816	0.056721	-1.1755
7w11w_SITTI	0.05494025	0.53843564	0.00010978	0.093528	-0.13708
7w11w_SITTI	0.0492051	0.48257813	0.00010381	0.094798	0.062467
7w11w_SITTI	0.06595685	0.6457319	0.00011953	0.092756	-0.64315
7w11w_SITTI	0.02252109	0.22268888	7.30E-05	0.038397	0.65846
7w11w_SITTI	0.0515205	0.5051289	0.00010632	0.092309	-0.011455
7w11w_SITTI	0.04473919	0.43908232	9.89E-05	0.10421	0.18258
7w11w_SITTI	0.06767024	0.6624195	0.00012084	0.087573	-0.72756
7w11w_SITTI	0.04517963	0.443372	9.97E-05	0.10268	0.17344
7w11w_SITTI	0.04466768	0.4383858	9.89E-05	0.10421	0.18258
7w11w_SITTI	0.04402724	0.4321483	9.82E-05	0.10565	0.20107
7w11w_SITTI	0.03171964	0.3122783	8.36E-05	0.07721	0.67094
7w11w_SITTI	0.07758445	0.7589791	0.0001274	0.058646	-1.1379
7w11w_SITTI	0.06277801	0.6147716	0.00011701	0.098387	-0.47447
7w11w_SITTI	0.09125047	0.8920794	0.00013362	0.052552	-1.3347
7w11w_SITTI	0.00313968	0.0339234	5.42E-05	0.0080398	0.31077
7w11w_SITTI	0.05038327	0.4940529	0.00010525	0.093003	0.032151
7w11w_SITTI	0.07096728	0.694531	0.00012331	0.075804	-0.87403
7w11w_SITTI	0.07944618	0.7771114	0.00012835	0.05632	-1.1841
7w11w_SITTI	0.05400361	0.5293132	0.00010876	0.092731	-0.097097
7w11w_SITTI	0.06648834	0.65090835	0.00012006	0.090801	-0.66011
7w11w_SITTI	0.01633867	0.16247515	6.62E-05	0.024342	0.29808
7w11w_SITTI	0.05622495	0.55094796	0.00011111	0.094909	-0.17881
7w11w_SITTI	0.06601682	0.646316	0.00011953	0.092756	-0.64315
7w11w_SITTI	0.04129734	0.4055604	9.50E-05	0.10955	0.28067
7w11w_SITTI	0.06711785	0.65703946	0.00012032	0.089759	-0.69393
7w11w_SITTI	0.06587149	0.6449005	0.00011953	0.092756	-0.62617
7w11w_SITTI	0.08142573	0.79639125	0.00012942	0.054478	-1.2295
7w11w_SITTI	0.01395572	0.13926637	6.37E-05	0.020323	0.18023
7w11w_SITTI	0.0323323	0.3182453	8.44E-05	0.081011	0.65793
7w11w_SITTI	0.04364196	0.42839578	9.78E-05	0.10633	0.21046
7w11w_SITTI	0.07710085	0.754269	0.0001272	0.059217	-1.117
7w11w_SITTI	0.04688828	0.46001345	0.00010159	0.098799	0.12814
7w11w_SITTI	0.05609886	0.5497199	0.00011078	0.094541	-0.17881
7w11w_SITTI	0.04576048	0.44902915	0.00010009	0.1019	0.1553
7w11w_SITTI	0.04623424	0.45364335	0.00010084	0.10033	0.14626
7w11w_SITTI	0.079583	0.77844393	0.00012853	0.055948	-1.1924
7w11w_SITTI	0.031855	0.31359664	8.40E-05	0.07911	0.67094
7w11w_SITTI	0.05051019	0.4952891	0.00010525	0.093003	0.021622
7w11w_SITTI	0.06111801	0.598604	0.00011553	0.098907	-0.4087

7w11w_SITTI	0.05511139	0.5401025	0.00010978	0.093528	-0.13708
7w11w_SITTI	0.01735699	0.17239305	6.72E-05	0.026262	0.35829
7w11w_SITTI	0.06959389	0.6811549	0.00012235	0.080544	-0.81017
7w11w_SITTI	0.05910469	0.5789952	0.00011368	0.097776	-0.31309
7w11w_SITTI	0.04829089	0.47367415	0.00010308	0.095994	0.091263
7w11w_SITTI	0.07009103	0.68599683	0.0001226	0.07935	-0.8424
7w11w_SITTI	0.01602126	0.15938376	6.58E-05	0.023731	0.27899
7w11w_SITTI	0.07220056	0.7065426	0.00012401	0.07238	-0.93514
7w11w_SITTI	0.02575252	0.25416142	7.66E-05	0.04879	0.7616
7w11w_SITTI	0.07150249	0.69974375	0.00012355	0.074645	-0.90497
7w11w_SITTI	0.01517889	0.15117943	6.47E-05	0.021973	0.22576
7w11w_SITTI	0.05252221	0.5148851	0.00010738	0.092189	-0.03476
7w11w_SITTI	0.04778968	0.4687926	0.00010234	0.09734	0.10061
7w11w_SITTI	0.02093813	0.20727162	7.10E-05	0.033786	0.56707
7w11w_SITTI	0.02961678	0.29179743	8.11E-05	0.066108	0.7357
7w11w_SITTI	0.07042579	0.6892572	0.00012284	0.078159	-0.8583
7w11w_SITTI	0.0492328	0.48284784	0.00010381	0.094798	0.062467
7w11w_SITTI	0.04276911	0.4198947	9.70E-05	0.10755	0.23945
7w11w_SITTI	0.05175779	0.50744003	0.00010668	0.092211	-0.011455
7w11w_SITTI	0.06715336	0.6573853	0.00012058	0.088682	-0.69393
7w11w_SITTI	0.07097825	0.69463784	0.00012331	0.075804	-0.87403
7w11w_SITTI	0.07578205	0.74142456	0.0001264	0.06191	-1.0712
7w11w_SITTI	0.04439065	0.4356877	9.86E-05	0.10494	0.19178
7w11w_SITTI	0.05427959	0.5320011	0.0001091	0.092966	-0.11022
7w11w_SITTI	0.07803254	0.7633432	0.00012759	0.058113	-1.1478
7w11w_SITTI	0.0649462	0.63588864	0.00011871	0.095287	-0.59222
7w11w_SITTI	0.02409107	0.23797971	7.46E-05	0.042633	0.71639
7w11w_SITTI	0.03572501	0.35128856	8.86E-05	0.098764	0.50933
7w11w_SITTI	0.07551879	0.73886055	0.00012619	0.062687	-1.0712
7w11w_SITTI	0.03533732	0.3475127	8.81E-05	0.097198	0.52494
7w11w_SITTI	0.07057815	0.6907411	0.00012308	0.076976	-0.8583
7w11w_SITTI	0.07184556	0.70308506	0.00012378	0.073503	-0.92016
7w11w_SITTI	0.04624951	0.4537921	0.00010084	0.10033	0.14626
7w11w_SITTI	0.06541914	0.6404949	0.00011925	0.093659	-0.60919
7w11w_SITTI	0.07922793	0.77498573	0.00012835	0.05632	-1.1755
7w11w_SITTI	0.0293208	0.28891477	8.07E-05	0.064343	0.7438
7w11w_SITTI	0.04004039	0.39331833	9.38E-05	0.10975	0.32588
7w11w_SITTI	0.04169672	0.40945017	9.54E-05	0.10929	0.27003
7w11w_SITTI	0.06199664	0.6071614	0.00011642	0.098794	-0.44141
7w11w_SITTI	0.08220656	0.80399615	0.00012976	0.054048	-1.2424
7w11w_SITTI	0.04106966	0.40334293	9.50E-05	0.10955	0.29155
7w11w_SITTI	0.04529275	0.4444737	9.97E-05	0.10268	0.17344
7w11w_SITTI	0.05983633	0.5861211	0.00011431	0.098311	-0.3445
7w11w_SITTI	0.05910811	0.5790285	0.00011368	0.097776	-0.31309
7w11w_SITTI	0.05180778	0.5079269	0.00010668	0.092211	-0.011455
7w11w_SITTI	0.03579643	0.35198417	8.86E-05	0.098764	0.49376

7w11w_SITTI	0.02093396	0.20723099	7.10E-05	0.033786	0.56707
7w11w_SITTI	0.06107902	0.5982242	0.00011553	0.098907	-0.39249
7w11w_SITTI	0.07606916	0.74422085	0.0001266	0.061174	-1.0832
7w11w_SITTI	0.04635173	0.45478764	0.00010084	0.10033	0.14626
7w11w_SITTI	0.03779776	0.3714762	9.10E-05	0.1063	0.41807
7w11w_SITTI	0.07180987	0.7027375	0.00012378	0.073503	-0.92016
7w11w_SITTI	0.064169	0.6283191	0.00011815	0.096641	-0.54144
7w11w_SITTI	0.05972083	0.58499616	0.00011431	0.098311	-0.32873
7w11w_SITTI	0.07438442	0.72781235	0.00012556	0.06525	-1.0201
7w11w_SITTI	0.06485514	0.63500184	0.00011871	0.095287	-0.59222
7w11w_SITTI	0.01923841	0.19071725	6.91E-05	0.029782	0.46374
7w11w_SITTI	0.06409218	0.6275709	0.00011815	0.096641	-0.54144
7w11w_SITTI	0.04032546	0.39609477	9.38E-05	0.10975	0.31414
7w11w_SITTI	0.06122671	0.59966266	0.00011553	0.098907	-0.4087
7w11w_SITTI	0.07119883	0.6967862	0.00012331	0.075804	-0.88959
7w11w_SITTI	0.06599031	0.64605784	0.00011953	0.092756	-0.64315
7w11w_SITTI	0.04915185	0.48205942	0.00010381	0.094798	0.062467
7w11w_SITTI	0.01055278	0.10612345	6.05E-05	0.01548	0.10741
7w11w_SITTI	0.06329267	0.61978406	0.0001173	0.098072	-0.50782
7w11w_SITTI	0.07330304	0.71728015	0.00012469	0.069151	-0.97873
7w11w_SITTI	0.01949556	0.19322167	6.95E-05	0.030541	0.48489
7w11w_SITTI	0.03792007	0.37266746	9.10E-05	0.1063	0.40374
7w11w_SITTI	0.05519144	0.54088205	0.00011011	0.093847	-0.13708
7w11w_SITTI	0.03817548	0.37515494	9.14E-05	0.10717	0.38979
7w11w_SITTI	0.04973656	0.48775426	0.00010453	0.09379	0.052555
7w11w_SITTI	0.04176356	0.41010112	9.58E-05	0.10896	0.27003
7w11w_SITTI	0.01690422	0.16798337	6.65E-05	0.024968	0.31771
7w11w_SITTI	0.02442912	0.24127221	7.50E-05	0.043782	0.72811
7w11w_SITTI	0.00700088	0.0715296	5.72E-05	0.011238	0.16213
7w11w_SITTI	0.01971919	0.19539973	6.95E-05	0.030541	0.50588
7w11w_SITTI	0.04010936	0.39399007	9.38E-05	0.10975	0.32588
7w11w_SITTI	0.05675004	0.55606204	0.00011144	0.095284	-0.20754
7w11w_SITTI	0.05301423	0.5196771	0.00010773	0.092257	-0.059017
7w11w_SITTI	0.02779317	0.27403638	7.90E-05	0.057632	0.76966
7w11w_SITTI	0.06412061	0.6278478	0.00011815	0.096641	-0.54144
7w11w_SITTI	0.07689176	0.75223255	0.000127	0.059827	-1.117
7w11w_SITTI	0.03286079	0.3233925	8.52E-05	0.084798	0.6305
7w11w_SITTI	0.07961329	0.778739	0.00012853	0.055948	-1.1924
7w11w_SITTI	0.0502109	0.49237406	0.0001049	0.093366	0.032151
7w11w_SITTI	0.00770212	0.07835936	5.78E-05	0.011928	0.13577
7w11w_SITTI	0.07125905	0.69737273	0.00012355	0.074645	-0.88959
7w11w_SITTI	0.05621657	0.5508663	0.00011111	0.094909	-0.17881
7w11w_SITTI	0.07773123	0.7604086	0.0001274	0.058646	-1.1379
7w11w_SITTI	0.06705106	0.656389	0.00012032	0.089759	-0.69393
7w11w_SITTI	0.0473216	0.46423373	0.00010197	0.098057	0.11903
7w11w_SITTI	0.04897321	0.48031965	0.00010381	0.094798	0.072211

7w11w_SITTI	0.0431223	0.42333463	9.74E-05	0.10696	0.22964
7w11w_SITTI	0.07342315	0.71845	0.00012491	0.068128	-0.99278
7w11w_SITTI	0.07523222	0.7360695	0.00012598	0.063504	-1.0589
7w11w_SITTI	0.05141532	0.5041045	0.00010632	0.092309	-0.0001745
7w11w_SITTI	0.04440299	0.43580785	9.86E-05	0.10494	0.19178
7w11w_SITTI	0.08836133	0.8639406	0.00013248	0.05264	-1.3176
7w11w_SITTI	0.06031663	0.590799	0.00011492	0.0987	-0.36038
7w11w_SITTI	0.05278377	0.5174326	0.00010773	0.092257	-0.046772
7w11w_SITTI	0.07775538	0.7606438	0.0001274	0.058646	-1.1379
7w11w_SITTI	0.0853731	0.8348367	0.00013135	0.05287	-1.2883
7w11w_SITTI	0.03572629	0.35130107	8.86E-05	0.098764	0.50933
7w11w_SITTI	0.07978471	0.78040844	0.00012853	0.055948	-1.1924
7w11w_SITTI	0.07446594	0.7286063	0.00012556	0.06525	-1.0333
7w11w_SITTI	0.07708298	0.75409496	0.000127	0.059827	-1.117
7w11w_SITTI	0.03368614	0.331431	8.61E-05	0.088522	0.60151
7w11w_SITTI	0.05145725	0.50451285	0.00010632	0.092309	-0.0001745
7w11w_SITTI	0.02758309	0.2719903	7.86E-05	0.05605	0.76966
7w11w_SITTI	0.05114082	0.501431	0.00010597	0.092472	0.010852
7w11w_SITTI	0.02714755	0.26774833	7.82E-05	0.054511	0.77219
7w11w_SITTI	0.0824137	0.8060135	0.00012993	0.053861	-1.2485
7w11w_SITTI	0.07364208	0.72058225	0.00012491	0.068128	-0.99278
7w11w_SITTI	0.06958342	0.68105286	0.00012235	0.080544	-0.81017
7w11w_SITTI	0.02213917	0.21896921	7.22E-05	0.03647	0.64161
7w11w_SITTI	0.04061666	0.3989309	9.42E-05	0.10978	0.3027
7w11w_SITTI	0.08654516	0.84625196	0.00013179	0.052739	-1.3031
7w11w_SITTI	0.08160002	0.7980887	0.00012959	0.054253	-1.2295
7w11w_SITTI	0.05324736	0.5219477	0.00010807	0.092373	-0.07149
7w11w_SITTI	0.04241665	0.4164619	9.66E-05	0.10808	0.24945
7w11w_SITTI	0.00982861	0.09907038	5.98E-05	0.014626	0.1081
7w11w_SITTI	0.07160337	0.7007262	0.00012378	0.073503	-0.90497
7w11w_SITTI	0.0569801	0.5583027	0.00011177	0.095663	-0.20754
7w11w_SITTI	0.06823029	0.66787416	0.00012136	0.085284	-0.74427
7w11w_SITTI	0.01766159	0.17535971	6.72E-05	0.026262	0.37908
7w11w_SITTI	0.07276146	0.7120055	0.00012446	0.070202	-0.96444
7w11w_SITTI	0.04812996	0.47210675	0.00010271	0.09665	0.091263
7w11w_SITTI	0.05442213	0.5333894	0.0001091	0.092966	-0.11022
7w11w_SITTI	0.0654932	0.6412162	0.00011925	0.093659	-0.60919
7w11w_SITTI	0.08720835	0.8527111	0.00013207	0.052686	-1.3094
7w11w_SITTI	0.05026887	0.49293873	0.0001049	0.093366	0.032151
7w11w_SITTI	0.01048658	0.10547864	6.05E-05	0.01548	0.10741
7w11w_SITTI	0.04723672	0.46340698	0.00010197	0.098057	0.11903
7w11w_SITTI	0.05794932	0.56774247	0.00011273	0.096781	-0.25188
7w11w_SITTI	0.00395271	0.04184196	5.50E-05	0.0088178	0.2638
7w11w_SITTI	0.07618941	0.745392	0.0001266	0.061174	-1.0948
7w11w_SITTI	0.01294386	0.1294114	6.27E-05	0.018769	0.14454
7w11w_SITTI	0.07132679	0.69803244	0.00012355	0.074645	-0.88959

7w11w_SITTI	0.06455429	0.6320717	0.00011843	0.096001	-0.57526
7w11w_SITTI	0.05860196	0.5740989	0.00011337	0.097465	-0.2822
7w11w_SITTI	0.06911585	0.676499	0.00012186	0.08293	-0.79386
7w11w_SITTI	0.08096565	0.79191023	0.00012924	0.054725	-1.2227
7w11w_SITTI	0.0504059	0.4942733	0.00010525	0.093003	0.032151
7w11w_SITTI	0.06448802	0.6314263	0.00011843	0.096001	-0.55833
7w11w_SITTI	0.03588321	0.35282943	8.86E-05	0.098764	0.49376
7w11w_SITTI	0.0810026	0.7922702	0.00012924	0.054725	-1.2227
7w11w_SITTI	0.07845745	0.76748157	0.00012778	0.057615	-1.1573
7w11w_SITTI	0.02777451	0.27385464	7.90E-05	0.057632	0.76966
7w11w_SITTI	0.08669011	0.84766376	0.00013179	0.052739	-1.3031
7w11w_SITTI	0.03348636	0.3294853	8.61E-05	0.088522	0.60151
7w11w_SITTI	0.01079949	0.10852623	6.05E-05	0.01548	0.10884
7w11w_SITTI	0.0160146	0.15931888	6.58E-05	0.023731	0.27899
7w11w_SITTI	0.07073465	0.69226533	0.00012308	0.076976	-0.87403
7w11w_SITTI	0.04573979	0.44882768	0.00010009	0.1019	0.1553
7w11w_SITTI	0.04702188	0.46131462	0.00010159	0.098799	0.12814
7w11w_SITTI	0.02485204	0.24539118	7.54E-05	0.044969	0.74769
7w11w_SITTI	0.05473433	0.5364301	0.00010944	0.093233	-0.12355
7w11w_SITTI	0.00372836	0.03965694	5.47E-05	0.008551	0.27903
7w11w_SITTI	0.01609068	0.16005985	6.58E-05	0.023731	0.27899
7w11w_SITTI	0.04859277	0.47661424	0.00010344	0.095375	0.081803
7w11w_SITTI	0.05651688	0.5537912	0.00011144	0.095284	-0.19309
7w11w_SITTI	0.04962467	0.48666453	0.00010453	0.09379	0.052555
7w11w_SITTI	0.04119214	0.40453583	9.50E-05	0.10955	0.29155
7w11w_SITTI	0.07585186	0.7421045	0.0001264	0.06191	-1.0832
7w11w_SITTI	0.01955273	0.19377851	6.95E-05	0.030541	0.48489
7w11w_SITTF	0.01508359	0.15025128	6.47E-05	0.021973	0.22576
7w11w_SITTF	0.04796856	0.47053474	0.00010271	0.09665	0.10061
7w11w_SITTF	0.06314857	0.6183806	0.0001173	0.098072	-0.50782
7w11w_SITTF	0.01867459	0.18522583	6.84E-05	0.028322	0.44251
7w11w_SITTF	0.050749	0.49761495	0.00010561	0.092703	0.021622
7w11w_SITTF	0.04936834	0.48416793	0.00010417	0.094268	0.062467
7w11w_SITTF	0.0837775	0.81929636	0.00013058	0.053285	-1.2702
7w11w_SITTF	0.06226324	0.60975796	0.00011642	0.098794	-0.4579
7w11w_SITTF	0.08475739	0.82883996	0.00013105	0.053002	-1.2841
7w11w_SITTF	0.02878382	0.28368482	8.03E-05	0.062611	0.75723
7w11w_SITTF	0.0825809	0.80764204	0.00012993	0.053861	-1.2485
7w11w_SITTF	0.06555276	0.64179623	0.00011925	0.093659	-0.62617
7w11w_SITTF	0.06191881	0.6064034	0.00011613	0.098894	-0.44141
7w11w_SITTF	0.05907987	0.5787535	0.00011368	0.097776	-0.31309
7w11w_SITTF	0.06316266	0.6185178	0.0001173	0.098072	-0.50782
7w11w_SITTF	0.06254232	0.61247605	0.00011672	0.098627	-0.47447
7w11w_SITTF	0.0138317	0.13805853	6.34E-05	0.019794	0.16714
7w11w_SITTF	0.03872919	0.38054782	9.22E-05	0.10852	0.37625
7w11w_SITTF	0.0075417	0.07679693	5.78E-05	0.011928	0.14372

7w11w_SITTF	0.06296758	0.61661786	0.00011701	0.098387	-0.49111
7w11w_SITTF	0.00428213	0.04505032	5.50E-05	0.0088178	0.24903
7w11w_SITTF	0.01090528	0.10955658	6.08E-05	0.015922	0.10884
7w11w_SITTF	0.07630081	0.746477	0.0001266	0.061174	-1.0948
7w11w_SITTF	0.01866349	0.18511777	6.84E-05	0.028322	0.44251
7w11w_SITTF	0.06077894	0.59530157	0.00011523	0.098828	-0.39249
7w11w_SITTF	0.0822183	0.80411047	0.00012976	0.054048	-1.2424
7w11w_SITTF	0.01573115	0.15655822	6.54E-05	0.023132	0.26052
7w11w_SITTF	0.02322165	0.22951204	7.38E-05	0.040447	0.68948
7w11w_SITTF	0.05566739	0.54551756	0.00011045	0.094186	-0.16472
7w11w_SITTF	0.07262223	0.7106495	0.00012424	0.071279	-0.9499
7w11w_SITTF	0.05590039	0.5477869	0.00011078	0.094541	-0.16472
7w11w_SITTF	0.05603143	0.5490632	0.00011078	0.094541	-0.17881
7w11w_SITTF	0.04597315	0.45110047	0.00010046	0.10111	0.1553
7w11w_SITTF	0.06318191	0.61870533	0.0001173	0.098072	-0.50782
7w11w_SITTF	0.04386022	0.43052158	9.82E-05	0.10565	0.21046
7w11w_SITTF	0.03206996	0.31569016	8.40E-05	0.07911	0.65793
7w11w_SITTF	0.04745745	0.46555683	0.00010197	0.098057	0.10986
7w11w_SITTF	0.00484755	0.0505573	5.55E-05	0.0093744	0.23478
7w11w_SITTF	0.0499298	0.4896363	0.00010453	0.09379	0.042456
7w11w_SITTF	0.0797426	0.7799984	0.00012853	0.055948	-1.1924
7w11w_SITTF	0.01807536	0.1793897	6.80E-05	0.027619	0.4001
7w11w_SITTF	0.02305517	0.22789055	7.34E-05	0.039406	0.67444
7w11w_SITTF	0.06541426	0.6404473	0.00011898	0.094504	-0.60919
7w11w_SITTF	0.02349662	0.23219006	7.38E-05	0.040447	0.70349
7w11w_SITTF	0.04463063	0.43802503	9.89E-05	0.10421	0.19178
7w11w_SITTF	0.04658363	0.4570463	0.00010122	0.099559	0.13721
7w11w_SITTF	0.02456309	0.242577	7.54E-05	0.044969	0.73857
7w11w_SITTF	0.01688874	0.16783258	6.65E-05	0.024968	0.31771
7w11w_SITTF	0.08039651	0.7863671	0.00012889	0.055287	-1.2081
7w11w_SITTF	0.0554088	0.542999	0.00011011	0.093847	-0.1508
7w11w_SITTF	0.01225481	0.12270034	6.21E-05	0.017782	0.12723
7w11w_SITTF	0.05746676	0.5630426	0.00011209	0.096042	-0.23694
7w11w_SITTF	0.05430243	0.5322235	0.0001091	0.092966	-0.11022
7w11w_SITTF	0.03772909	0.3708074	9.10E-05	0.1063	0.41807
7w11w_SITTF	0.05813587	0.5695594	0.00011273	0.096781	-0.26697
7w11w_SITTF	0.05873627	0.57540697	0.00011337	0.097465	-0.29758
7w11w_SITTF	0.06094635	0.5969321	0.00011523	0.098828	-0.39249
7w11w_SITTF	0.00736051	0.07503227	5.75E-05	0.011579	0.14372
7w11w_SITTF	0.09332486	0.91228294	0.00013431	0.052462	-1.3409
7w11w_SITTF	0.04851946	0.4759003	0.00010308	0.095994	0.081803
7w11w_SITTF	0.02575197	0.25415614	7.66E-05	0.04879	0.7616
7w11w_SITTF	0.05673271	0.55589336	0.00011144	0.095284	-0.20754
7w11w_SITTF	0.06742711	0.66005147	0.00012058	0.088682	-0.71078
7w11w_SITTF	0.0672267	0.65809965	0.00012058	0.088682	-0.69393
7w11w_SITTF	0.02526133	0.2493775	7.62E-05	0.047472	0.75539

7w11w_SITTF	0.06565651	0.64280677	0.00011925	0.093659	-0.62617
7w11w_SITTF	0.04827203	0.47349048	0.00010308	0.095994	0.091263
7w11w_SITTF	0.04514681	0.44305232	9.93E-05	0.10345	0.17344
7w11w_SITTF	0.03781692	0.37166283	9.10E-05	0.1063	0.41807
7w11w_SITTF	0.0411968	0.40458122	9.50E-05	0.10955	0.29155
7w11w_SITTF	0.04790034	0.4698704	0.00010234	0.09734	0.10061
7w11w_SITTF	0.09561433	0.9345812	0.00013495	0.052348	-1.344
7w11w_SITTF	0.00241319	0.02684781	5.36E-05	0.0075574	0.34395
7w11w_SITTF	0.04119717	0.40458477	9.50E-05	0.10955	0.29155
7w11w_SITTF	0.06376046	0.6243401	0.00011787	0.097201	-0.5246
7w11w_SITTF	0.01705392	0.16944134	6.69E-05	0.025607	0.33781
7w11w_SITTF	0.00897551	0.0907616	5.89E-05	0.013414	0.11742
7w11w_SITTF	0.09144556	0.89397943	0.00013362	0.052552	-1.3347
7w11w_SITTF	0.02741695	0.27037218	7.86E-05	0.05605	0.77153
7w11w_SITTF	0.03638082	0.35767585	8.94E-05	0.10166	0.47826
7w11w_SITTF	0.0698122	0.6832811	0.00012235	0.080544	-0.82636
7w11w_SITTF	0.0424499	0.41678578	9.66E-05	0.10808	0.24945
7w11w_SITTF	0.04095511	0.40222722	9.46E-05	0.10971	0.29155
7w11w_SITTF	0.05494319	0.5384643	0.00010978	0.093528	-0.13708
7w11w_SITTF	0.07629181	0.7463893	0.0001266	0.061174	-1.0948
7w11w_SITTF	0.08090414	0.7913112	0.00012924	0.054725	-1.2155
7w11w_SITTF	0.02892391	0.28504917	8.03E-05	0.062611	0.751
7w11w_SITTF	0.07869959	0.76983994	0.00012797	0.057152	-1.1666
7w11w_SITTF	0.06157478	0.6030527	0.00011583	0.09893	-0.42501
7w11w_SITTF	0.05111256	0.50115573	0.00010597	0.092472	0.010852
7w11w_SITTF	0.05680485	0.55659586	0.00011144	0.095284	-0.20754
7w11w_SITTF	0.0574686	0.56306046	0.00011209	0.096042	-0.23694
7w11w_SITTF	0.09326659	0.91171545	0.00013431	0.052462	-1.3409
7w11w_SITTF	0.04096179	0.4022923	9.46E-05	0.10971	0.29155
7w11w_SITTF	0.06354612	0.6222526	0.00011758	0.097678	-0.5246
7w11w_SITTF	0.07983413	0.7808898	0.00012853	0.055948	-1.1924
7w11w_SITTF	0.01712601	0.17014349	6.69E-05	0.025607	0.33781
7w11w_SITTF	0.01177019	0.11798038	6.14E-05	0.016833	0.11542
7w11w_SITTF	0.07024543	0.6875006	0.00012284	0.078159	-0.8424
7w11w_SITTF	0.0621712	0.60886157	0.00011642	0.098794	-0.4579
7w11w_SITTF	0.05869253	0.57498103	0.00011337	0.097465	-0.2822
7w11w_SITTF	0.02407058	0.23778018	7.46E-05	0.042633	0.71639
7w11w_SITTF	0.00621816	0.06390636	5.66E-05	0.010584	0.18365
7w11w_SITTF	0.0505794	0.49596313	0.00010525	0.093003	0.021622
7w11w_SITTF	0.06438355	0.63040876	0.00011815	0.096641	-0.55833
7w11w_SITTF	0.04662863	0.45748454	0.00010122	0.099559	0.13721
7w11w_SITTF	0.06692319	0.6551436	0.00012032	0.089759	-0.69393
7w11w_SITTF	0.07886542	0.77145505	0.00012816	0.056721	-1.1666
7w11w_SITTF	0.03628638	0.35675606	8.94E-05	0.10166	0.47826
7w11w_SITTF	0.00601327	0.06191082	5.66E-05	0.010584	0.18365
7w11w_SITTF	0.0155289	0.15458843	6.51E-05	0.022546	0.24275

7w11w_SITTF	0.06369693	0.62372136	0.00011758	0.097678	-0.5246
7w11w_SITTF	0.05567038	0.5455467	0.00011045	0.094186	-0.16472
7w11w_SITTF	0.01602339	0.1594045	6.58E-05	0.023731	0.27899
7w11w_SITTF	0.07858866	0.76875955	0.00012797	0.057152	-1.1666
7w11w_SITTF	0.04588283	0.4502208	0.00010046	0.10111	0.1553
7w11w_SITTF	0.06639389	0.6499885	0.00011979	0.091802	-0.66011
7w11w_SITTF	0.0655354	0.64162713	0.00011925	0.093659	-0.60919
7w11w_SITTF	0.04681172	0.45926774	0.00010122	0.099559	0.12814
7w11w_SITTF	0.07151736	0.6998885	0.00012355	0.074645	-0.90497
7w11w_SITTF	0.06467196	0.63321775	0.00011843	0.096001	-0.57526
7w11w_SITTF	0.05919533	0.57987803	0.00011368	0.097776	-0.31309
7w11w_SITTF	0.01904479	0.18883139	6.87E-05	0.029043	0.46374
7w11w_SITTF	0.05811952	0.56940013	0.00011273	0.096781	-0.26697
7w11w_SITTF	0.04783433	0.46922743	0.00010234	0.09734	0.10061
7w11w_SITTF	0.04107978	0.40344143	9.50E-05	0.10955	0.29155
7w11w_SITTF	0.04991023	0.48944572	0.00010453	0.09379	0.042456
7w11w_SITTF	0.05392076	0.52850634	0.00010876	0.092731	-0.097097
7w11w_SITTF	0.05971027	0.5848933	0.00011431	0.098311	-0.32873
7w11w_SITTF	0.09605023	0.9388267	0.00013515	0.052305	-1.3444
7w11w_SITTF	0.03547958	0.3488983	8.81E-05	0.097198	0.50933
7w11w_SITTF	0.01032728	0.10392713	6.02E-05	0.015048	0.10718
7w11w_SITTF	0.07287063	0.7130688	0.00012446	0.070202	-0.96444
7w11w_SITTF	0.06463668	0.6328741	0.00011843	0.096001	-0.57526
7w11w_SITTF	0.06075765	0.5950942	0.00011523	0.098828	-0.39249
7w11w_SITTF	0.02515045	0.24829754	7.58E-05	0.046199	0.74769
7w11w_SITTF	0.05411531	0.5304012	0.0001091	0.092966	-0.097097
7w11w_SITTF	0.04159398	0.40844947	9.54E-05	0.10929	0.27003
7w11w_SITTF	0.05436838	0.5328659	0.0001091	0.092966	-0.11022
7w11w_SITTF	0.0435187	0.42719534	9.78E-05	0.10633	0.21998
7w11w_SITTF	0.05382472	0.52757084	0.00010876	0.092731	-0.084185
7w11w_SITTF	0.0588758	0.57676595	0.00011337	0.097465	-0.29758
7w11w_SITTF	0.07023682	0.6874168	0.00012284	0.078159	-0.8424
7w11w_SITTF	0.00180999	0.02097291	5.31E-05	0.0071026	0.37827
7w11w_SITTF	0.04878421	0.47847885	0.00010344	0.095375	0.072211
7w11w_SITTF	0.01220564	0.12222148	6.21E-05	0.017782	0.12723
7w11w_SITTF	0.03875902	0.38083842	9.22E-05	0.10852	0.37625
7w11w_SITTF	0.07229733	0.7074851	0.00012424	0.071279	-0.93514
7w11w_SITTF	0.04471665	0.43886274	9.89E-05	0.10421	0.18258
7w11w_SITTF	0.08470912	0.8283698	0.00013105	0.053002	-1.2841
7w11w_SITTF	0.03800948	0.3735382	9.14E-05	0.10717	0.40374
7w11w_SITTF	0.04959337	0.4863597	0.00010417	0.094268	0.052555
7w11w_SITTF	0.01850397	0.18356414	6.84E-05	0.028322	0.42127
7w11w_SITTF	0.07588575	0.74243456	0.0001264	0.06191	-1.0832
7w11w_SITTF	0.05818662	0.57005364	0.00011273	0.096781	-0.26697
7w11w_SITTF	0.07293777	0.71372265	0.00012446	0.070202	-0.96444
7w11w_SITTF	0.0418025	0.41048038	9.58E-05	0.10896	0.27003

7w11w_SITTF	0.02905482	0.28632423	8.07E-05	0.064343	0.751
7w11w_SITTF	0.00844631	0.08560743	5.86E-05	0.013029	0.12259
7w11w_SITTF	0.07480135	0.731873	0.00012577	0.064358	-1.0462
7w11w_SITTF	0.01575112	0.1567527	6.54E-05	0.023132	0.26052
7w11w_SITTF	0.05620489	0.55075264	0.00011111	0.094909	-0.17881
7w11w_SITTF	0.05434351	0.53262365	0.0001091	0.092966	-0.11022
7w11w_SITTF	0.07117332	0.69653773	0.00012331	0.075804	-0.88959
7w11w_SITTF	0.07530621	0.73679006	0.00012598	0.063504	-1.0589
7w11w_SITTF	0.07438299	0.7277984	0.00012556	0.06525	-1.0201
7w11w_SITTF	0.0406505	0.3992605	9.42E-05	0.10978	0.3027
7w11w_SITTF	0.04736979	0.46470302	0.00010197	0.098057	0.11903
7w11w_SITTF	0.04631486	0.45442858	0.00010084	0.10033	0.14626
7w11w_SITTF	0.01542843	0.15360984	6.51E-05	0.022546	0.24275
7w11w_SITTF	0.05115057	0.501526	0.00010597	0.092472	0.010852
7w11w_SITTF	0.0447119	0.4388165	9.89E-05	0.10421	0.18258
7w11w_SITTF	0.01197304	0.11995608	6.17E-05	0.017303	0.12065
7w11w_SITTF	0.05110472	0.5010795	0.00010597	0.092472	0.010852
7w11w_SITTF	0.07562969	0.73994064	0.00012619	0.062687	-1.0712
7w11w_SITTF	0.07482374	0.73209107	0.00012577	0.064358	-1.0462
7w11w_SITTF	0.04889861	0.479593	0.00010344	0.095375	0.072211
7w11w_SITTF	0.04426254	0.43443993	9.86E-05	0.10494	0.20107
7w11w_SITTF	0.04048768	0.39767465	9.42E-05	0.10978	0.31414
7w11w_SITTF	0.05121307	0.50213474	0.00010597	0.092472	-0.0001745
7w11w_SITTF	0.00864245	0.08751774	5.86E-05	0.013029	0.12259
7w11w_SITTF	0.05153773	0.5052967	0.00010632	0.092309	-0.011455
7w11w_SITTF	0.07248625	0.7093251	0.00012424	0.071279	-0.9499
7w11w_SITTF	0.04887424	0.4793557	0.00010344	0.095375	0.072211
7w11w_SITTF	0.045197	0.4435411	9.97E-05	0.10268	0.17344
7w11w_SITTF	0.05052324	0.49541613	0.00010525	0.093003	0.021622
7w11w_SITTF	0.04093279	0.40200984	9.46E-05	0.10971	0.29155
7w11w_SITTF	0.06862119	0.6716813	0.00012161	0.084113	-0.77743
7w11w_SITTF	0.03359115	0.33050585	8.61E-05	0.088522	0.60151
7w11w_SITTF	0.04563267	0.44778436	0.00010009	0.1019	0.16436
7w11w_SITTF	0.04045216	0.39732873	9.42E-05	0.10978	0.31414
7w11w_SITTF	0.08682431	0.8489708	0.00013193	0.052709	-1.3063
7w11w_SITTF	0.00653276	0.06697039	5.69E-05	0.010907	0.17252
7w11w_SITTF	0.05793411	0.56759435	0.00011273	0.096781	-0.25188
7w11w_SITTF	0.07630215	0.74649006	0.0001266	0.061174	-1.0948
7w11w_SITTF	0.05223695	0.5121068	0.00010703	0.092172	-0.03476
7w11w_SITTF	0.05931616	0.5810548	0.000114	0.098059	-0.31309
7w11w_SITTF	0.07837057	0.7666355	0.00012778	0.057615	-1.1573
7w11w_SITTF	0.03358177	0.3304145	8.61E-05	0.088522	0.60151
7w11w_SITTF	0.0478693	0.469568	0.00010234	0.09734	0.10061
7w11w_SITTF	0.02147898	0.21253929	7.18E-05	0.035549	0.6056
7w11w_SITTF	0.04632927	0.45456892	0.00010084	0.10033	0.14626
7w11w_SITTF	0.05910025	0.57895195	0.00011368	0.097776	-0.31309

7w11w_SITTF	0.02657327	0.26215518	7.74E-05	0.051562	0.77158
7w11w_SITTF	0.01323085	0.13220648	6.30E-05	0.019276	0.15521
7w11w_SITTF	0.01306339	0.13057557	6.27E-05	0.018769	0.14454
7w11w_SITTF	0.08494058	0.83062416	0.00013105	0.053002	-1.2841
7w11w_SITTF	0.06832429	0.6687896	0.00012136	0.085284	-0.7609
7w11w_SITTF	0.08289339	0.8106855	0.00013009	0.053693	-1.2543
7w11w_SITTF	0.06984967	0.6836461	0.00012235	0.080544	-0.82636
7w11w_SITTF	0.05799957	0.5682319	0.00011273	0.096781	-0.25188
7w11w_SITTF	0.03339061	0.32855272	8.57E-05	0.086671	0.60151
7w11w_SITTF	0.08666092	0.84737945	0.00013179	0.052739	-1.3031
7w11w_SITTF	0.0534464	0.5238862	0.00010842	0.092532	-0.07149
7w11w_SITTF	0.05650989	0.55372316	0.00011144	0.095284	-0.19309
7w11w_SITTF	0.0553888	0.5428043	0.00011011	0.093847	-0.1508
7w11w_SITTF	0.02453263	0.24228035	7.50E-05	0.043782	0.73857
7w11w_SITTF	0.05513254	0.5403084	0.00011011	0.093847	-0.13708
7w11w_SITTF	0.02368564	0.23403102	7.42E-05	0.041523	0.70349
7w11w_SITTF	0.04061717	0.39893588	9.42E-05	0.10978	0.3027
7w11w_SITTF	0.05620825	0.5507853	0.00011111	0.094909	-0.17881
7w11w_SITTF	0.04358826	0.42787278	9.78E-05	0.10633	0.21998
7w11w_SITTF	0.05748185	0.56318957	0.00011209	0.096042	-0.23694
7w11w_SITTF	0.01530316	0.15238976	6.51E-05	0.022546	0.24275
7w11w_SITTF	0.05413076	0.53055155	0.0001091	0.092966	-0.097097
7w11w_SITTF	0.08197151	0.80170685	0.00012976	0.054048	-1.2424
7w11w_SITTF	0.03219509	0.31690893	8.44E-05	0.081011	0.65793
7w11w_SITTF	0.06408481	0.62749916	0.00011815	0.096641	-0.54144
7w11w_SITTF	0.06097199	0.5971818	0.00011553	0.098907	-0.39249
7w11w_SITTF	0.06335842	0.62042445	0.00011758	0.097678	-0.50782
7w11w_SITTF	0.09232237	0.90251917	0.00013397	0.05251	-1.3382
7w11w_SITTF	0.05630843	0.551761	0.00011111	0.094909	-0.19309
7w11w_SITTF	0.05790675	0.5673279	0.00011273	0.096781	-0.25188
7w11w_SITTF	0.05439561	0.53313106	0.0001091	0.092966	-0.11022
7w11w_SITTF	0.07028551	0.6878909	0.00012284	0.078159	-0.8424
7w11w_SITTF	0.07213129	0.70586795	0.00012401	0.07238	-0.93514
7w11w_SITTF	0.04282407	0.42043	9.70E-05	0.10755	0.23945
7w11w_SITTF	0.00527303	0.05470126	5.58E-05	0.0096645	0.22108
7w11w_SITTF	0.05958054	0.5836298	0.00011431	0.098311	-0.32873
7w11w_SITTF	0.03334935	0.32815084	8.57E-05	0.086671	0.61617
7w11w_SITTF	0.04275082	0.4197166	9.66E-05	0.10808	0.23945
7w11w_SITTF	0.07683497	0.7516795	0.000127	0.059827	-1.117
7w11w_SITTF	0.04755596	0.46651632	0.00010197	0.098057	0.10986
7w11w_SITTF	0.08831829	0.8635214	0.00013248	0.05264	-1.3176
7w11w_SITTF	0.04986821	0.48903644	0.00010453	0.09379	0.042456
7w11w_SITTF	0.07207586	0.70532805	0.00012401	0.07238	-0.93514
7w11w_SITTF	0.03912323	0.3843856	9.26E-05	0.10901	0.36311
7w11w_SITTF	0.07526875	0.7364253	0.00012598	0.063504	-1.0589
7w11w_SITTF	0.06667773	0.6527529	0.00012006	0.090801	-0.67704

7w11w_SITTF	0.08562369	0.8372773	0.00013135	0.05287	-1.2923
7w11w_SITTF	0.03723936	0.36603764	9.02E-05	0.1042	0.43275
7w11w_SITTF	0.04023963	0.39525875	9.38E-05	0.10975	0.31414
7w11w_SITTF	0.05116662	0.50168234	0.00010597	0.092472	-0.0001745
7w11w_SITTF	0.04716742	0.4627321	0.00010159	0.098799	0.11903
7w11w_SITTF	0.05129981	0.5029796	0.00010597	0.092472	-0.0001745
7w11w_SITTF	0.04897391	0.4803264	0.00010381	0.094798	0.072211
7w11w_SITTF	0.06569858	0.6432165	0.00011925	0.093659	-0.62617
7w11w_SITTF	0.0892806	0.8728938	0.00013288	0.052615	-1.3244
7w11w_SITTF	0.0438378	0.4303032	9.82E-05	0.10565	0.21046
7w11w_SITTF	0.09134802	0.89302945	0.00013362	0.052552	-1.3347
7w11w_SITTF	0.0441348	0.43319586	9.86E-05	0.10494	0.20107
7w11w_SITTF	0.072874	0.7131015	0.00012446	0.070202	-0.96444
7w11w_SITTF	0.05454835	0.53461874	0.00010944	0.093233	-0.11022
7w11w_SITTF	0.04957235	0.48615494	0.00010417	0.094268	0.052555
7w11w_SITTF	0.02400469	0.23713842	7.46E-05	0.042633	0.71639
7w11w_SITTF	0.07419119	0.72593033	0.00012534	0.066176	-1.0201
7w11w_SITTF	0.04241898	0.4164846	9.66E-05	0.10808	0.24945
7w11w_SITTF	0.04098656	0.4025336	9.46E-05	0.10971	0.29155
7w11w_SITTF	0.07113809	0.69619465	0.00012331	0.075804	-0.88959
7w11w_SITTF	0.07622462	0.74573493	0.0001266	0.061174	-1.0948
7w11w_SITTF	0.05819153	0.5701015	0.00011273	0.096781	-0.26697
7w11w_SITTF	0.056222	0.55091923	0.00011111	0.094909	-0.17881
7w11w_SITTF	0.04706843	0.46176797	0.00010159	0.098799	0.11903
7w11w_SITTF	0.04008738	0.3937759	9.38E-05	0.10975	0.32588
7w11w_SITTF	0.05547206	0.54361516	0.00011045	0.094186	-0.1508
7w11w_SITTF	0.04015238	0.39440897	9.38E-05	0.10975	0.32588
7w11w_SITTF	0.05004614	0.49076945	0.0001049	0.093366	0.042456
7w11w_SITTF	0.07979412	0.7805001	0.00012853	0.055948	-1.1924
7w11w_SITTF	0.0695465	0.6806933	0.00012235	0.080544	-0.81017
7w11w_SITTF	0.04001745	0.39309484	9.38E-05	0.10975	0.32588
7w11w_SITTF	0.0575473	0.563827	0.00011241	0.096416	-0.23694
7w11w_SITTF	0.02781872	0.2742852	7.90E-05	0.057632	0.76966
7w11w_SITTF	0.01262386	0.12629473	6.24E-05	0.018271	0.13519
7w11w_SITTF	0.07109904	0.6958144	0.00012331	0.075804	-0.88959
7w11w_SITTF	0.04642848	0.45553514	0.00010084	0.10033	0.13721
7w11w_SITTF	0.01714094	0.17028889	6.69E-05	0.025607	0.33781
7w11w_SITTF	0.04683405	0.4594852	0.00010122	0.099559	0.12814
7w11w_SITTF	0.05675631	0.5561232	0.00011144	0.095284	-0.20754
7w11w_SITTF	0.0689465	0.67484957	0.00012186	0.08293	-0.77743
7w11w_SITTF	0.02248712	0.22235802	7.26E-05	0.037419	0.65846
7w11w_SITTF	0.02848142	0.2807396	7.99E-05	0.060913	0.76245
7w11w_SITTF	0.05426141	0.53182405	0.0001091	0.092966	-0.11022
7w11w_SITTF	0.03412776	0.3357322	8.65E-05	0.090344	0.57137
7w11w_SITTF	0.01742837	0.17308825	6.72E-05	0.026262	0.35829
7w11w_SITTF	0.04199313	0.412337	9.58E-05	0.10896	0.25963

7w11w_SITTF	0.0481294	0.47210133	0.00010271	0.09665	0.091263
7w11w_SITTF	0.07594406	0.7430024	0.0001264	0.06191	-1.0832
7w11w_SITTF	0.07348308	0.7190337	0.00012491	0.068128	-0.99278
7w11w_SITTF	0.02739847	0.27019215	7.86E-05	0.05605	0.77153
7w11w_SITTF	0.07242753	0.7087531	0.00012424	0.071279	-0.9499
7w11w_SITTF	0.05506093	0.53961104	0.00010978	0.093528	-0.13708
7w11w_SITTF	0.05687424	0.5572718	0.00011177	0.095663	-0.20754
7w11w_SITTF	0.07562629	0.73990756	0.00012619	0.062687	-1.0712
7w11w_SITTF	0.07704224	0.75369817	0.000127	0.059827	-1.117
7w11w_SITTF	0.09179441	0.8973771	0.00013374	0.052539	-1.336
7w11w_SITTF	0.05033131	0.49354678	0.00010525	0.093003	0.032151
7w11w_SITTF	0.05645531	0.55319154	0.00011111	0.094909	-0.19309
7w11w_SITTF	0.0262068	0.25858587	7.70E-05	0.050154	0.76965
7w11w_SITTF	0.0206937	0.20489098	7.06E-05	0.032941	0.54704
7w11w_SITTF	0.04267226	0.41895145	9.66E-05	0.10808	0.23945
16w_SITTD12	0.0732902	0.71715516	0.00012469	0.069151	-0.97873
16w_SITTD12	0.05850751	0.573179	0.00011305	0.097132	-0.2822
16w_SITTD12	0.02767142	0.2728506	7.90E-05	0.057632	0.76966
16w_SITTD12	0.04299429	0.42208788	9.70E-05	0.10755	0.22964
16w_SITTD12	0.08202853	0.8022622	0.00012976	0.054048	-1.2424
16w_SITTD12	0.0109453	0.10994634	6.08E-05	0.015922	0.10884
16w_SITTD12	0.04440669	0.4358439	9.86E-05	0.10494	0.19178
16w_SITTD12	0.01723379	0.17119318	6.69E-05	0.025607	0.33781
16w_SITTD12	0.07030898	0.68811953	0.00012284	0.078159	-0.8424
16w_SITTD12	0.06463342	0.63284236	0.00011843	0.096001	-0.57526
16w_SITTD12	0.06255603	0.61260957	0.00011672	0.098627	-0.47447
16w_SITTD12	0.0745494	0.7294191	0.00012556	0.06525	-1.0333
16w_SITTD12	0.03526826	0.34684008	8.81E-05	0.097198	0.52494
16w_SITTD12	0.05657389	0.5543465	0.00011144	0.095284	-0.19309
16w_SITTD12	0.01731091	0.17194429	6.69E-05	0.025607	0.35829
16w_SITTD12	0.05724404	0.56087345	0.00011209	0.096042	-0.22216
16w_SITTD12	0.07579856	0.7415853	0.0001264	0.06191	-1.0712
16w_SITTD12	0.05202463	0.5100389	0.00010703	0.092172	-0.022986
16w_SITTD12	0.05970141	0.58480704	0.00011431	0.098311	-0.32873
16w_SITTD12	0.09061061	0.88584745	0.00013338	0.052577	-1.3317
16w_SITTD12	0.06057617	0.5933267	0.00011492	0.0987	-0.37638
16w_SITTD12	0.047578	0.46673092	0.00010234	0.09734	0.10986
16w_SITTD12	0.03935059	0.38660002	9.30E-05	0.10937	0.35035
16w_SITTD12	0.06665835	0.65256417	0.00012006	0.090801	-0.67704
16w_SITTD12	0.06858812	0.67135924	0.00012161	0.084113	-0.7609
16w_SITTD12	0.06803461	0.6659683	0.0001211	0.086439	-0.74427
16w_SITTD12	0.07088453	0.69372505	0.00012308	0.076976	-0.87403
16w_SITTD12	0.04499646	0.441588	9.93E-05	0.10345	0.18258
16w_SITTD12	0.06563637	0.6426106	0.00011925	0.093659	-0.62617
16w_SITTD12	0.0117846	0.11812073	6.14E-05	0.016833	0.11542
16w_SITTD12	0.04251923	0.41746095	9.66E-05	0.10808	0.24945

16w_SITTD12	0.04777642	0.46866342	0.00010234	0.09734	0.10061
16w_SITTD12	0.0080337	0.08158879	5.81E-05	0.012286	0.13577
16w_SITTD12	0.07459492	0.72986245	0.00012556	0.06525	-1.0333
16w_SITTD12	0.04720159	0.4630649	0.00010159	0.098799	0.11903
16w_SITTD12	0.08160137	0.7981019	0.00012959	0.054253	-1.2295
16w_SITTD12	0.05800398	0.5682749	0.00011273	0.096781	-0.25188
16w_SITTD12	0.00998527	0.10059611	5.98E-05	0.014626	0.1081
16w_SITTD12	0.00400986	0.04239861	5.50E-05	0.0088178	0.2638
16w_SITTD12	0.0338966	0.33348083	8.65E-05	0.090344	0.58656
16w_SITTD12	0.05685373	0.55707204	0.00011177	0.095663	-0.20754
16w_SITTD12	0.04556921	0.4471663	0.00010009	0.1019	0.16436
16w_SITTD12	0.06364861	0.6232508	0.00011758	0.097678	-0.5246
16w_SITTD12	0.01364319	0.13622247	6.34E-05	0.019794	0.16714
16w_SITTD12	0.05293574	0.5189127	0.00010773	0.092257	-0.059017
16w_SITTD12	0.06918539	0.6771763	0.00012186	0.08293	-0.79386
16w_SITTD12	0.04779303	0.46882522	0.00010234	0.09734	0.10061
16w_SITTD12	0.06152954	0.6026121	0.00011583	0.09893	-0.42501
16w_SITTD12	0.07440306	0.7279938	0.00012556	0.06525	-1.0201
16w_SITTD12	0.04500627	0.44168353	9.93E-05	0.10345	0.17344
16w_SITTD12	0.05987718	0.5865189	0.00011431	0.098311	-0.3445
16w_SITTD12	0.08746829	0.8552428	0.00013221	0.052667	-1.3123
16w_SITTD12	0.06813116	0.66690856	0.0001211	0.086439	-0.74427
16w_SITTD12	0.06575448	0.6437609	0.00011925	0.093659	-0.62617
16w_SITTD12	0.04702247	0.4613203	0.00010159	0.098799	0.12814
16w_SITTD12	0.06009737	0.5886634	0.00011462	0.098526	-0.36038
16w_SITTD12	0.05693527	0.55786616	0.00011177	0.095663	-0.20754
16w_SITTD12	0.07794789	0.7625188	0.00012759	0.058113	-1.1478
16w_SITTD12	0.07168946	0.7015648	0.00012378	0.073503	-0.90497
16w_SITTD12	0.0736302	0.72046655	0.00012491	0.068128	-0.99278
16w_SITTD12	0.05230005	0.51272136	0.00010703	0.092172	-0.03476
16w_SITTD12	0.08705079	0.85117656	0.00013207	0.052686	-1.3063
16w_SITTD12	0.06168619	0.6041378	0.00011613	0.098894	-0.42501
16w_SITTD12	0.06018291	0.5894966	0.00011462	0.098526	-0.36038
16w_SITTD12	0.06890076	0.67440414	0.00012186	0.08293	-0.77743
16w_SITTD12	0.06368796	0.62363404	0.00011758	0.097678	-0.5246
16w_SITTD12	0.05015443	0.49182412	0.0001049	0.093366	0.032151
16w_SITTD12	0.07354529	0.71963954	0.00012491	0.068128	-0.99278
16w_SITTD12	0.05726124	0.56104094	0.00011209	0.096042	-0.22216
16w_SITTD12	0.06551684	0.6414465	0.00011925	0.093659	-0.60919
16w_SITTD12	0.06053677	0.59294295	0.00011492	0.0987	-0.37638
16w_SITTD12	0.05365668	0.5259342	0.00010842	0.092532	-0.084185
16w_SITTD12	0.07683036	0.75163454	0.000127	0.059827	-1.1061
16w_SITTD12	0.06459495	0.6324677	0.00011843	0.096001	-0.57526
16w_SITTD12	0.02353474	0.23256138	7.42E-05	0.041523	0.70349
16w_SITTD12	0.04994489	0.48978323	0.00010453	0.09379	0.042456
16w_SITTD12	0.08478028	0.8290629	0.00013105	0.053002	-1.2841

16w_SITTD12	0.06415544	0.62818706	0.00011815	0.096641	-0.54144
16w_SITTD12	0.04803772	0.47120836	0.00010271	0.09665	0.10061
16w_SITTD12	0.07624082	0.7458927	0.0001266	0.061174	-1.0948
16w_SITTD12	0.05188671	0.5086956	0.00010668	0.092211	-0.022986
16w_SITTD12	0.05939106	0.58178437	0.000114	0.098059	-0.32873
16w_SITTD12	0.05254247	0.5150825	0.00010738	0.092189	-0.046772
16w_SITTD12	0.05144705	0.5044135	0.00010632	0.092309	-0.0001745
16w_SITTD12	0.06855799	0.67106575	0.00012161	0.084113	-0.7609
16w_SITTD12	0.05846379	0.5727532	0.00011305	0.097132	-0.2822
16w_SITTD12	0.06087548	0.5962419	0.00011523	0.098828	-0.39249
16w_SITTD12	0.0092714	0.09364343	5.92E-05	0.013809	0.11326
16w_SITTD12	0.08557802	0.8368325	0.00013135	0.05287	-1.2923
16w_SITTD12	0.06581039	0.64430547	0.00011953	0.092756	-0.62617
16w_SITTD12	0.05382871	0.52760977	0.00010876	0.092731	-0.084185
16w_SITTD12	0.05767629	0.5650833	0.00011241	0.096416	-0.25188
16w_SITTD12	0.00958207	0.09666917	5.95E-05	0.014213	0.11014
16w_SITTD12	0.05057303	0.49590102	0.00010525	0.093003	0.021622
16w_SITTD12	0.09004092	0.880299	0.00013313	0.052597	-1.3283
16w_SITTD12	0.07559572	0.7396098	0.00012619	0.062687	-1.0712
16w_SITTD12	0.02984578	0.29402778	8.15E-05	0.067903	0.7357
16w_SITTD12	0.0536052	0.5254328	0.00010842	0.092532	-0.084185
16w_SITTD12	0.05580171	0.5468258	0.00011078	0.094541	-0.16472
16w_SITTD12	0.04691187	0.46024314	0.00010159	0.098799	0.12814
16w_SITTD12	0.05557395	0.5446075	0.00011045	0.094186	-0.1508
16w_SITTD12	0.06149383	0.6022643	0.00011583	0.09893	-0.42501
16w_SITTD12	0.03929462	0.3860548	9.26E-05	0.10901	0.35035
16w_SITTD12	0.0489389	0.47998545	0.00010381	0.094798	0.072211
16w_SITTD12	0.05085881	0.49868438	0.00010561	0.092703	0.010852
16w_SITTD12	0.01020959	0.10278089	6.02E-05	0.015048	0.10718
16w_SITTD12	0.02210978	0.21868289	7.22E-05	0.03647	0.64161
16w_SITTD12	0.00995659	0.10031685	5.98E-05	0.014626	0.1081
16w_SITTD12	0.01132097	0.11360521	6.11E-05	0.016373	0.1115
16w_SITTD12	0.04848692	0.4755834	0.00010308	0.095994	0.081803
16w_SITTD12	0.07070711	0.6919972	0.00012308	0.076976	-0.87403
16w_SITTD12	0.07448578	0.7287995	0.00012556	0.06525	-1.0333
16w_SITTD12	0.05567687	0.5456099	0.00011045	0.094186	-0.16472
16w_SITTD12	0.04054783	0.3982605	9.42E-05	0.10978	0.31414
16w_SITTD12	0.04485957	0.44025478	9.93E-05	0.10345	0.18258
16w_SITTD12	0.03972168	0.39021417	9.34E-05	0.10962	0.33794
16w_SITTD12	0.01448791	0.14444967	6.41E-05	0.020862	0.19442
16w_SITTD12	0.04391617	0.43106645	9.82E-05	0.10565	0.21046
16w_SITTD12	0.05434578	0.53264576	0.0001091	0.092966	-0.11022
16w_SITTD12	0.07432801	0.72726285	0.00012534	0.066176	-1.0201
16w_SITTD12	0.04176124	0.41007853	9.58E-05	0.10896	0.27003
16w_SITTD12	0.07258127	0.7102505	0.00012424	0.071279	-0.9499
16w_SITTD12	0.04867719	0.47743648	0.00010344	0.095375	0.081803

16w_SITTD12	0.02866949	0.28257132	7.99E-05	0.060913	0.75723
16w_SITTD12	0.03972525	0.390249	9.34E-05	0.10962	0.33794
16w_SITTD12	0.05873629	0.57540715	0.00011337	0.097465	-0.29758
16w_SITTD12	0.04835029	0.4742527	0.00010308	0.095994	0.091263
16w_SITTD12	0.06753898	0.6611411	0.00012084	0.087573	-0.71078
16w_SITTD12	0.06375293	0.6242668	0.00011787	0.097201	-0.5246
16w_SITTD12	0.06470609	0.6335501	0.00011843	0.096001	-0.57526
16w_SITTD12	0.08380638	0.8195776	0.00013058	0.053285	-1.2702
16w_SITTD12	0.01379834	0.13773361	6.34E-05	0.019794	0.16714
16w_SITTD12	0.06841799	0.6697022	0.00012136	0.085284	-0.7609
16w_SITTD12	0.10057903	0.982935	0.00013643	0.051998	-1.3425
16w_SITTD12	0.06046464	0.59224045	0.00011492	0.0987	-0.37638
16w_SITTD12	0.01174672	0.11775176	6.14E-05	0.016833	0.11542
16w_SITTD12	0.02301889	0.22753724	7.34E-05	0.039406	0.67444
16w_SITTD12	0.06413096	0.62794864	0.00011815	0.096641	-0.54144
16w_SITTD12	0.08667691	0.84753513	0.00013179	0.052739	-1.3031
16w_SITTD12	0.04425249	0.43434212	9.86E-05	0.10494	0.20107
16w_SITTD12	0.06303038	0.6172296	0.0001173	0.098072	-0.49111
16w_SITTD12	0.01575107	0.15675217	6.54E-05	0.023132	0.26052
16w_SITTD12	0.06989521	0.6840896	0.0001226	0.07935	-0.82636
16w_SITTD12	0.08135422	0.79569477	0.00012942	0.054478	-1.2295
16w_SITTD12	0.06036997	0.5913184	0.00011492	0.0987	-0.36038
16w_SITTD12	0.08825754	0.86292976	0.00013248	0.05264	-1.3176
16w_SITTD12	0.05380718	0.5274	0.00010876	0.092731	-0.084185
16w_SITTD12	0.02354609	0.23267187	7.42E-05	0.041523	0.70349
16w_SITTD12	0.01278801	0.1278935	6.24E-05	0.018271	0.13519
16w_SITTD12	0.03570441	0.35108796	8.86E-05	0.098764	0.50933
16w_SITTD12	0.04156194	0.40813744	9.54E-05	0.10929	0.28067
16w_SITTD12	0.06766632	0.66238123	0.00012084	0.087573	-0.72756
16w_SITTD12	0.05448298	0.53398204	0.00010944	0.093233	-0.11022
16w_SITTD12	0.06551583	0.6414366	0.00011925	0.093659	-0.60919
16w_SITTD12	0.06747996	0.6605663	0.00012084	0.087573	-0.71078
16w_SITTD12	0.07070741	0.69200003	0.00012308	0.076976	-0.87403
16w_SITTD12	0.08623304	0.8432121	0.00013164	0.052775	-1.2997
16w_SITTD12	0.05046928	0.49489054	0.00010525	0.093003	0.032151
16w_SITTD12	0.04671144	0.45829108	0.00010122	0.099559	0.13721
16w_SITTD12	0.049705	0.48744687	0.00010453	0.09379	0.052555
16w_SITTD12	0.05461585	0.5352761	0.00010944	0.093233	-0.12355
16w_SITTD12	0.06823506	0.66792053	0.00012136	0.085284	-0.74427
16w_SITTD12	0.03947726	0.38783368	9.30E-05	0.10937	0.35035
16w_SITTD12	0.04094472	0.402126	9.46E-05	0.10971	0.29155
16w_SITTD12	0.03386244	0.3331481	8.65E-05	0.090344	0.58656
16w_SITTD12	0.05729437	0.5613636	0.00011209	0.096042	-0.22216
16w_SITTD12	0.05718003	0.56025	0.00011209	0.096042	-0.22216
16w_SITTD12	0.08297415	0.8114721	0.00013026	0.053541	-1.2543
16w_SITTD12	0.05403724	0.5296407	0.00010876	0.092731	-0.097097

16w_SITTD12	0.04794083	0.4702647	0.00010271	0.09665	0.10061
16w_SITTD12	0.04188946	0.4113273	9.58E-05	0.10896	0.27003
16w_SITTD12	0.06759968	0.66173226	0.00012084	0.087573	-0.72756
16w_SITTD12	0.03721387	0.36578938	9.02E-05	0.1042	0.43275
16w_SITTD12	0.04078738	0.40059358	9.46E-05	0.10971	0.3027
16w_SITTD12	0.0523137	0.51285434	0.00010703	0.092172	-0.03476
16w_SITTD12	0.07161049	0.7007956	0.00012378	0.073503	-0.90497
16w_SITTD12	0.03494017	0.34364468	8.77E-05	0.095565	0.54051
16w_SITTD12	0.02986235	0.29418918	8.15E-05	0.067903	0.7357
16w_SITTD12	0.0757263	0.74088156	0.0001264	0.06191	-1.0712
16w_SITTD12	0.06313788	0.61827654	0.0001173	0.098072	-0.49111
16w_SITTD12	0.06891446	0.67453754	0.00012186	0.08293	-0.77743
16w_SITTD12	0.00428071	0.0450365	5.50E-05	0.0088178	0.24903
16w_SITTD12	0.04816026	0.47240186	0.00010271	0.09665	0.091263
16w_SITTD12	0.04963735	0.48678797	0.00010453	0.09379	0.052555
16w_SITTD12	0.07021796	0.68723303	0.0001226	0.07935	-0.8424
16w_SITTD12	0.07384533	0.7225619	0.00012513	0.067136	-1.0066
16w_SITTD12	0.05623056	0.55100256	0.00011111	0.094909	-0.17881
16w_SITTD12	0.06715298	0.6573816	0.00012058	0.088682	-0.69393
16w_SITTD12	0.05901751	0.57814616	0.00011368	0.097776	-0.29758
16w_SITTD12	0.04328188	0.4248888	9.74E-05	0.10696	0.22964
16w_SITTD12	0.0592766	0.5806695	0.000114	0.098059	-0.31309
16w_SITTD12	0.04955873	0.48602223	0.00010417	0.094268	0.052555
16w_SITTD12	0.03790382	0.37250918	9.10E-05	0.1063	0.40374
16w_SITTD12	0.05405251	0.5297895	0.00010876	0.092731	-0.097097
16w_SITTD12	0.06028251	0.59046656	0.00011492	0.0987	-0.36038
16w_SITTD12	0.07716782	0.7549213	0.0001272	0.059217	-1.117
16w_SITTD12	0.01787809	0.17746836	6.76E-05	0.026932	0.37908
16w_SITTD12	0.05589257	0.5477108	0.00011078	0.094541	-0.16472
16w_SITTD12	0.0745096	0.7290315	0.00012556	0.06525	-1.0333
16w_SITTD12	0.04269797	0.41920182	9.66E-05	0.10808	0.23945
16w_SITTD12	0.05230753	0.51279426	0.00010703	0.092172	-0.03476
16w_SITTD12	0.06568646	0.6430985	0.00011925	0.093659	-0.62617
16w_SITTD12	0.01325921	0.13248268	6.30E-05	0.019276	0.15521
16w_SITTD12	0.01700516	0.16896649	6.69E-05	0.025607	0.33781
16w_SITTD12	0.04371477	0.42910492	9.78E-05	0.10633	0.21046
16w_SITTD12	0.06406628	0.6273186	0.00011815	0.096641	-0.54144
16w_SITTD12	0.06286994	0.6156669	0.00011701	0.098387	-0.49111
16w_SITTD12	0.0306587	0.3019452	8.23E-05	0.07157	0.70647
16w_SITTD12	0.07301516	0.7144764	0.00012469	0.069151	-0.96444
16w_SITTD12	0.08176849	0.7997295	0.00012959	0.054253	-1.2361
16w_SITTD12	0.01035745	0.10422096	6.02E-05	0.015048	0.10718
16w_SITTD12	0.03167956	0.31188786	8.36E-05	0.07721	0.67094
16w_SITTD12	0.06787121	0.66437685	0.0001211	0.086439	-0.72756
16w_SITTD12	0.07046793	0.6896676	0.00012284	0.078159	-0.8583
16w_SITTD12	0.05870369	0.5750897	0.00011337	0.097465	-0.29758

16w_SITTD12	0.03199431	0.3149534	8.40E-05	0.07911	0.67094
16w_SITTD12	0.00702374	0.07175227	5.72E-05	0.011238	0.15252
16w_SITTD12	0.06957316	0.68095297	0.00012235	0.080544	-0.81017
16w_SITTD12	0.01278659	0.12787965	6.24E-05	0.018271	0.13519
16w_SITTD12	0.03748942	0.36847308	9.06E-05	0.10531	0.41807
16w_SITTD12	0.06519724	0.63833374	0.00011898	0.094504	-0.60919
16w_SITTD12	0.0470739	0.46182126	0.00010159	0.098799	0.11903
16w_SITTD12	0.01084061	0.10892677	6.08E-05	0.015922	0.10884
16w_SITTD12	0.07046704	0.68965894	0.00012284	0.078159	-0.8583
16w_SITTD12	0.05502716	0.539282	0.00010978	0.093528	-0.13708
16w_SITTD12	0.05507749	0.5397722	0.00010978	0.093528	-0.13708
16w_SITTD12	0.06940118	0.679278	0.00012211	0.081739	-0.81017
16w_SITTD12	0.03932145	0.38631618	9.30E-05	0.10937	0.35035
16w_SITTD12	0.06574483	0.643667	0.00011925	0.093659	-0.62617
16w_SITTD12	0.04644243	0.45567104	0.00010084	0.10033	0.13721
16w_SITTD12	0.00923496	0.09328847	5.92E-05	0.013809	0.11326
16w_SITTD12	0.00658697	0.06749839	5.69E-05	0.010907	0.17252
16w_SITTD12	0.04306174	0.42274475	9.70E-05	0.10755	0.22964
16w_SITTD12	0.04589915	0.45037976	0.00010046	0.10111	0.1553
16w_SITTD12	0.01060787	0.10665993	6.05E-05	0.01548	0.10741
16w_SITTD12	0.05050179	0.49520722	0.00010525	0.093003	0.021622
16w_SITTD12	0.01752769	0.17405565	6.72E-05	0.026262	0.35829
16w_SITTD12	0.02815152	0.27752653	7.94E-05	0.059253	0.76661
16w_SITTD12	0.01569532	0.15620919	6.54E-05	0.023132	0.26052
16w_SITTD12	0.07607246	0.74425304	0.0001266	0.061174	-1.0832
16w_SITTD12	0.04963112	0.4867273	0.00010453	0.09379	0.052555
16w_SITTD12	0.02628719	0.25936884	7.74E-05	0.051562	0.76965
16w_SITTD12	0.07753798	0.7585265	0.0001274	0.058646	-1.1379
16w_SITTD12	0.04967863	0.48719	0.00010453	0.09379	0.052555
16w_SITTD12	0.0878244	0.8587111	0.00013235	0.052652	-1.315
16w_SITTD12	0.06171802	0.6044478	0.00011613	0.098894	-0.42501
16w_SITTD12	0.04328928	0.42496088	9.74E-05	0.10696	0.22964
16w_SITTD12	0.04765153	0.46744704	0.00010234	0.09734	0.10986
16w_SITTD12	0.06396808	0.62636226	0.00011787	0.097201	-0.54144
16w_SITTD12	0.05648437	0.55347455	0.00011111	0.094909	-0.19309
16w_SITTD12	0.04676324	0.45879558	0.00010122	0.099559	0.12814
16w_SITTD12	0.07544071	0.7381	0.00012619	0.062687	-1.0589
16w_SITTD12	0.0500956	0.49125117	0.0001049	0.093366	0.042456
16w_SITTD12	0.04401901	0.4320681	9.82E-05	0.10565	0.20107
16w_SITTD12	0.06696574	0.655558	0.00012032	0.089759	-0.69393
16w_SITTD12	0.08241638	0.80603963	0.00012993	0.053861	-1.2485
16w_SITTD12	0.04392406	0.43114337	9.82E-05	0.10565	0.21046
16w_SITTD12	0.03878481	0.38108954	9.22E-05	0.10852	0.37625
16w_SITTD12	0.06245088	0.61158544	0.00011672	0.098627	-0.4579
16w_SITTD12	0.04917335	0.48226884	0.00010381	0.094798	0.062467
16w_SITTD12	0.05120144	0.5020215	0.00010597	0.092472	-0.0001745

16w_SITTD12	0.04948804	0.4853338	0.00010417	0.094268	0.052555
16w_SITTD12	0.03162408	0.31134754	8.36E-05	0.07721	0.6834
16w_SITTD12	0.04696751	0.46078503	0.00010159	0.098799	0.12814
16w_SITTD12	0.04816767	0.472474	0.00010271	0.09665	0.091263
16w_SITTD12	0.09555139	0.9339682	0.00013495	0.052348	-1.344
16w_SITTD12	0.07467514	0.73064375	0.00012556	0.06525	-1.0333
16w_SITTD12	0.03665223	0.36031926	8.98E-05	0.10298	0.46289
16w_SITTD12	0.02222276	0.2197833	7.26E-05	0.037419	0.64161
16w_SITTD12	0.04022768	0.39514244	9.38E-05	0.10975	0.31414
16w_SITTD12	0.06875165	0.6729519	0.00012161	0.084113	-0.77743
16w_SITTD12	0.03932124	0.38631418	9.30E-05	0.10937	0.35035
16w_SITTD12	0.06943584	0.6796155	0.00012211	0.081739	-0.81017
16w_SITTD12	0.06517217	0.6380895	0.00011898	0.094504	-0.59222
16w_SITTD12	0.08021761	0.7846247	0.00012889	0.055287	-1.2004
16w_SITTD12	0.0426113	0.41835767	9.66E-05	0.10808	0.23945
16w_SITTD12	0.03322638	0.32695317	8.57E-05	0.086671	0.61617
16w_SITTD12	0.06589984	0.64517665	0.00011953	0.092756	-0.64315
16w_SITTD12	0.07533237	0.73704493	0.00012598	0.063504	-1.0589
16w_SITTD12	0.03387597	0.33327985	8.65E-05	0.090344	0.58656
16w_SITTD12	0.01494695	0.14892045	6.47E-05	0.021973	0.22576
16w_SITTD12	0.02614221	0.25795686	7.70E-05	0.050154	0.76634
16w_SITTD12	0.04413346	0.43318278	9.86E-05	0.10494	0.20107
16w_SITTD12	0.04208328	0.41321507	9.62E-05	0.10856	0.25963
16w_SITTD12	0.05811619	0.5693677	0.00011273	0.096781	-0.26697
16w_SITTD12	0.03724592	0.36610156	9.02E-05	0.1042	0.43275
16w_SITTD12	0.0475152	0.4661193	0.00010197	0.098057	0.10986
16w_SITTD12	0.05550512	0.54393715	0.00011045	0.094186	-0.1508
16w_SITTD12	0.0513453	0.50342256	0.00010632	0.092309	-0.0001745
16w_SITTD12	0.03471451	0.34144682	8.73E-05	0.093873	0.55601
16w_SITTD12	0.03761828	0.36972815	9.10E-05	0.1063	0.41807
16w_SITTD12	0.05126654	0.50265545	0.00010597	0.092472	-0.0001745
16w_SITTD12	0.05956393	0.58346796	0.000114	0.098059	-0.32873
16w_SITTD12	0.06281813	0.6151623	0.00011701	0.098387	-0.49111
16w_SITTD12	0.05939586	0.58183104	0.000114	0.098059	-0.32873
16w_SITTD12	0.05347461	0.524161	0.00010842	0.092532	-0.07149
16w_SITTD12	0.04649046	0.45613888	0.00010084	0.10033	0.13721
16w_SITTD12	0.04652158	0.4564419	0.00010084	0.10033	0.13721
16w_SITTD12	0.05455997	0.5347318	0.00010944	0.093233	-0.11022
16w_SITTD12	0.01993699	0.19752106	6.99E-05	0.031319	0.50588
16w_SITTD12	0.07206237	0.7051966	0.00012401	0.07238	-0.93514
16w_SITTD12	0.07271963	0.7115981	0.00012446	0.070202	-0.9499
16w_SITTD12	0.06546736	0.6409645	0.00011925	0.093659	-0.60919
16w_SITTD12	0.0542974	0.5321745	0.0001091	0.092966	-0.11022
16w_SITTD12	0.0569457	0.5579678	0.00011177	0.095663	-0.20754
16w_SITTD12	0.04766008	0.46753034	0.00010234	0.09734	0.10986
16w_SITTD12	0.00383942	0.04073857	5.47E-05	0.008551	0.27903

16w_SITTD12	0.0668618	0.65454566	0.00012032	0.089759	-0.67704
16w_SITTD12	0.02985719	0.29413894	8.15E-05	0.067903	0.7357
16w_SITTD12	0.03454216	0.33976826	8.73E-05	0.093873	0.55601
16w_SITTD12	0.04704194	0.46150994	0.00010159	0.098799	0.12814
16w_SITTD12	0.05955801	0.5834103	0.000114	0.098059	-0.32873
16w_SITTD12	0.04561093	0.44757268	0.00010009	0.1019	0.16436
16w_SITTD12	0.02316146	0.2289258	7.34E-05	0.039406	0.68948
16w_SITTD12	0.04027315	0.39558524	9.38E-05	0.10975	0.31414
16w_SITTD12	0.00552537	0.05715894	5.61E-05	0.0099627	0.20797
16w_SITTD12	0.078068	0.7636886	0.00012759	0.058113	-1.1478
16w_SITTD12	0.06963949	0.681599	0.00012235	0.080544	-0.81017
16w_SITTD12	0.08207483	0.80271316	0.00012976	0.054048	-1.2424
16w_SITTD12	0.04940268	0.48450243	0.00010417	0.094268	0.062467
16w_SITTD12	0.04508323	0.4424331	9.93E-05	0.10345	0.17344
16w_SITTD12	0.03651637	0.35899606	8.94E-05	0.10166	0.46289
16w_SITTD12	0.0686411	0.6718752	0.00012161	0.084113	-0.77743
16w_SITTD12	0.03769413	0.37046692	9.10E-05	0.1063	0.41807
16w_SITTD12	0.03269633	0.32179078	8.48E-05	0.082909	0.6305
16w_SITTD12	0.04479468	0.43962276	9.89E-05	0.10421	0.18258
16w_SITTD12	0.02518751	0.24865855	7.58E-05	0.046199	0.75539
16w_SITTD12	0.02819686	0.27796817	7.94E-05	0.059253	0.76661
16w_SITTD12	0.05262947	0.5159297	0.00010738	0.092189	-0.046772
16w_SITTD12	0.07206	0.70517355	0.00012401	0.07238	-0.93514
16w_SITTD12	0.08285879	0.8103485	0.00013009	0.053693	-1.2543
16w_SITTD12	0.04086909	0.40138948	9.46E-05	0.10971	0.3027
16w_SITTD12	0.02322198	0.22951521	7.38E-05	0.040447	0.68948
16w_SITTD12	0.06730659	0.65887773	0.00012058	0.088682	-0.71078
16w_SITTD12	0.07613768	0.74488825	0.0001266	0.061174	-1.0832
16w_SITTD12	0.08024841	0.7849247	0.00012889	0.055287	-1.2004
16w_SITTD12	0.0520928	0.51070285	0.00010703	0.092172	-0.022986
16w_SITTD12	0.04487655	0.4404201	9.93E-05	0.10345	0.18258
16w_SITTD12	0.05502176	0.5392295	0.00010978	0.093528	-0.13708
16w_SITTD12	0.07838136	0.76674056	0.00012778	0.057615	-1.1573
16w_SITTD12	0.00505467	0.05257456	5.58E-05	0.0096645	0.22108
16w_SITTD12	0.04442023	0.43597582	9.86E-05	0.10494	0.19178
16w_SITTD12	0.07359542	0.7201278	0.00012491	0.068128	-0.99278
16w_SITTD12	0.02211094	0.21869427	7.22E-05	0.03647	0.64161
16w_SITTD12	0.05927241	0.5806287	0.000114	0.098059	-0.31309
16w_SITTD12	0.05705736	0.5590552	0.00011177	0.095663	-0.22216
16w_SITTD12	0.00714297	0.07291351	5.75E-05	0.011579	0.15252
16w_SITTD12	0.02626792	0.25918114	7.70E-05	0.050154	0.76965
16w_SITTD12	0.05154875	0.50540406	0.00010632	0.092309	-0.011455
16w_SITTD12	0.06552994	0.64157397	0.00011925	0.093659	-0.60919
16w_SITTD12	0.0719758	0.7043535	0.00012401	0.07238	-0.92016
16w_SITTD12	0.06858384	0.6713175	0.00012161	0.084113	-0.7609
16w_SITTD12	0.05500193	0.5390364	0.00010978	0.093528	-0.13708

16w_SITTD12	0.05656331	0.55424345	0.00011144	0.095284	-0.19309
16w_SITTD12	0.03712954	0.3649681	9.02E-05	0.1042	0.4477
16w_SITTD12	0.07146573	0.6993857	0.00012355	0.074645	-0.90497
16w_SITTD12	0.04967731	0.48717716	0.00010453	0.09379	0.052555
16w_SITTD12	0.04800913	0.47092995	0.00010271	0.09665	0.10061
16w_SITTD12	0.05528894	0.54183173	0.00011011	0.093847	-0.1508
16w_SITTD12	0.04584656	0.44986752	0.00010046	0.10111	0.1553
16w_SITTD12	0.0296441	0.2920635	8.11E-05	0.066108	0.7357
16w_SITTD12	0.07623998	0.7458846	0.0001266	0.061174	-1.0948
16w_SITTD12	0.08301763	0.8118956	0.00013026	0.053541	-1.2598
16w_SITTD12	0.06328694	0.61972827	0.0001173	0.098072	-0.50782
16w_SITTD12	0.07248341	0.7092974	0.00012424	0.071279	-0.9499
16w_SITTD12	0.09130242	0.89258534	0.00013362	0.052552	-1.3347
16w_SITTD12	0.03587426	0.35274225	8.86E-05	0.098764	0.49376
16w_SITTD12	0.06129848	0.60036165	0.00011583	0.09893	-0.4087
16w_SITTD12	0.05783716	0.56665003	0.00011241	0.096416	-0.25188
16w_SITTD12	0.04101201	0.40278143	9.46E-05	0.10971	0.29155
16w_SITTD12	0.06304355	0.6173578	0.0001173	0.098072	-0.49111
16w_SITTD12	0.06605601	0.6466977	0.00011953	0.092756	-0.64315
16w_SITTD12	0.07566844	0.74031806	0.00012619	0.062687	-1.0712
16w_SITTD12	0.01026621	0.10333234	6.02E-05	0.015048	0.10718
16w_SITTD12	0.03459948	0.34032646	8.73E-05	0.093873	0.55601
16w_SITTD12	0.05724495	0.5608823	0.00011209	0.096042	-0.22216
16w_SITTD12	0.04727389	0.46376905	0.00010197	0.098057	0.11903
16w_SITTD12	0.04250506	0.41732302	9.66E-05	0.10808	0.24945
16w_SITTD12	0.07619157	0.74541306	0.0001266	0.061174	-1.0948
16w_SITTD12	0.02596368	0.25621808	7.70E-05	0.050154	0.76634
16w_SITTD12	0.05778192	0.5661121	0.00011241	0.096416	-0.25188
16w_SITTD12	0.08197371	0.8017283	0.00012976	0.054048	-1.2424
16w_SITTD12	0.03477237	0.34201032	8.73E-05	0.093873	0.54051
16w_SITTD12	0.01049993	0.10560867	6.05E-05	0.01548	0.10741
16w_SITTD12	0.07323024	0.7165712	0.00012469	0.069151	-0.97873
16w_SITTD12	0.03813685	0.37477878	9.14E-05	0.10717	0.40374
16w_SITTD12	0.03587562	0.35275552	8.86E-05	0.098764	0.49376
16w_SITTD12	0.05688788	0.55740464	0.00011177	0.095663	-0.20754
16w_SITTD12	0.07130392	0.69780976	0.00012355	0.074645	-0.88959
16w_SITTD12	0.07248448	0.7093078	0.00012424	0.071279	-0.9499
16w_SITTD12	0.05086521	0.49874678	0.00010561	0.092703	0.010852
16w_SITTD12	0.06514908	0.6378646	0.00011898	0.094504	-0.59222
16w_SITTD12	0.05099219	0.49998346	0.00010561	0.092703	0.010852
16w_SITTD12	0.00796743	0.08094338	5.81E-05	0.012286	0.13577
16w_SITTD12	0.04091494	0.401836	9.46E-05	0.10971	0.29155
16w_SITTD12	0.05862273	0.5743011	0.00011337	0.097465	-0.2822
16w_SITTD12	0.051	0.50005955	0.00010597	0.092472	0.010852
16w_SITTD12	0.04282402	0.42042944	9.70E-05	0.10755	0.23945
16w_SITTD12	0.04077514	0.40047443	9.46E-05	0.10971	0.3027

16w_SITTD12	0.05768938	0.5652108	0.00011241	0.096416	-0.25188
16w_SITTD12	0.04567212	0.44816855	0.00010009	0.1019	0.16436
16w_SITTD12	0.05920421	0.57996446	0.00011368	0.097776	-0.31309
16w_SITTD12	0.05564483	0.54529786	0.00011045	0.094186	-0.16472
16w_SITTD12	0.0524767	0.51444185	0.00010738	0.092189	-0.03476
16w_SITTD12	0.04928786	0.48338416	0.00010417	0.094268	0.062467
16w_SITTD12	0.03704352	0.36413026	9.02E-05	0.1042	0.4477
16w_SITTD12	0.07689383	0.75225276	0.000127	0.059827	-1.117
16w_SITTD12	0.07820091	0.7649831	0.00012778	0.057615	-1.1478
16w_SITTD12	0.05021684	0.49243197	0.0001049	0.093366	0.032151
16w_SITTD12	0.02875185	0.2833734	8.03E-05	0.062611	0.75723
16w_SITTD12	0.07075944	0.6925068	0.00012308	0.076976	-0.87403
16w_SITTD12	0.02258307	0.22329256	7.30E-05	0.038397	0.65846
16w_SITTD12	0.08473939	0.8286646	0.00013105	0.053002	-1.2841
16w_SITTD12	0.04122207	0.4048273	9.50E-05	0.10955	0.29155
16w_SITTD12	0.04752775	0.46624157	0.00010197	0.098057	0.10986
16w_SITTD12	0.05740651	0.5624558	0.00011209	0.096042	-0.23694
16w_SITTD12	0.00790135	0.08029977	5.81E-05	0.012286	0.13577
16w_SITTD12	0.06562134	0.6424642	0.00011925	0.093659	-0.62617
16w_SITTD12	0.04811062	0.47191837	0.00010271	0.09665	0.091263
16w_SITTD12	0.01852091	0.18372907	6.84E-05	0.028322	0.42127
16w_SITTD12	0.04675671	0.45873195	0.00010122	0.099559	0.12814
16w_SITTD12	0.02722896	0.26854125	7.82E-05	0.054511	0.77153
16w_SITTD12	0.04535481	0.4450782	9.97E-05	0.10268	0.16436
16w_SITTD12	0.01067993	0.10736182	6.05E-05	0.01548	0.10741
16w_SITTD12	0.08467609	0.82804817	0.00013105	0.053002	-1.2797
16w_SITTD12	0.06347916	0.62160045	0.00011758	0.097678	-0.50782
16w_SITTD12	0.06014304	0.5891082	0.00011462	0.098526	-0.36038
16w_SITTD12	0.0459154	0.45053798	0.00010046	0.10111	0.1553
16w_SITTD12	0.0705516	0.69048256	0.00012284	0.078159	-0.8583
16w_SITTD12	0.04572581	0.4486915	0.00010009	0.1019	0.1553
16w_SITTD12	0.0198695	0.19686376	6.99E-05	0.031319	0.50588
16w_SITTD12	0.06008286	0.58852214	0.00011462	0.098526	-0.36038
16w_SITTD12	0.05085756	0.49867228	0.00010561	0.092703	0.010852
16w_SITTD12	0.06187638	0.6059901	0.00011613	0.098894	-0.44141
16w_SITTD12	0.06880942	0.67351454	0.00012161	0.084113	-0.77743
16w_SITTD12	0.07234238	0.7079238	0.00012424	0.071279	-0.93514
16w_SITTD12	0.07728126	0.7560261	0.0001272	0.059217	-1.1276
16w_SITTD12	0.05192743	0.5090922	0.00010668	0.092211	-0.022986
16w_SITTD12	0.08181055	0.8001392	0.00012959	0.054253	-1.2361
16w_SITTD12	0.00574641	0.0593117	5.63E-05	0.010269	0.19547
16w_SITTD12	0.07485633	0.7324085	0.00012577	0.064358	-1.0462
16w_SITTD12	0.0619051	0.60626984	0.00011613	0.098894	-0.44141
16w_SITTD12	0.04892314	0.4798319	0.00010344	0.095375	0.072211
16w_SITTD12	0.05416728	0.5309073	0.0001091	0.092966	-0.097097
16w_SITTD12	0.08517373	0.83289486	0.0001312	0.05293	-1.2883

16w_SITTD12	0.03315181	0.32622695	8.57E-05	0.086671	0.61617
16w_SITTD12	0.05507408	0.539739	0.00010978	0.093528	-0.13708
16w_SITTD12	0.05396364	0.52892387	0.00010876	0.092731	-0.097097
16w_SITTD12	0.03799168	0.37336484	9.14E-05	0.10717	0.40374
16w_SITTD12	0.05767801	0.5651001	0.00011241	0.096416	-0.25188
16w_SITTD12	0.02364324	0.2336181	7.42E-05	0.041523	0.70349
16w_SITTD12	0.05175787	0.5074408	0.00010668	0.092211	-0.011455
16w_SITTD12	0.06383439	0.6250602	0.00011787	0.097201	-0.54144
16w_SITTD12	0.0791215	0.77394915	0.00012816	0.056721	-1.1755
16w_SITTD12	0.02576151	0.25424898	7.66E-05	0.04879	0.7616
16w_SITTD12	0.04101863	0.4028459	9.46E-05	0.10971	0.29155
16w_SITTD12	0.03478312	0.34211504	8.73E-05	0.093873	0.54051
16w_SITTD12	0.04571422	0.44857866	0.00010009	0.1019	0.1553
16w_SITTD12	0.06240383	0.61112726	0.00011672	0.098627	-0.4579
16w_SITTD12	0.04767383	0.46766424	0.00010234	0.09734	0.10986
16w_SITTD12	0.02535621	0.25030157	7.62E-05	0.047472	0.75539
16w_SITTD12	0.06109718	0.59840107	0.00011553	0.098907	-0.4087
16w_SITTD12	0.07446548	0.7286018	0.00012556	0.06525	-1.0333
16w_SITTD12	0.08171695	0.79922754	0.00012959	0.054253	-1.2361
16w_SITTD12	0.0194881	0.19314907	6.95E-05	0.030541	0.48489
16w_SITTD12	0.04392617	0.4311639	9.82E-05	0.10565	0.21046
16w_SITTD12	0.07068166	0.6917493	0.00012308	0.076976	-0.87403
16w_SITTD12	0.05451413	0.53428537	0.00010944	0.093233	-0.11022
16w_SITTD12	0.06161048	0.60340035	0.00011583	0.09893	-0.42501
16w_SITTD12	0.05666535	0.55523723	0.00011144	0.095284	-0.20754
16w_SITTD12	0.0165613	0.16464348	6.62E-05	0.024342	0.29808
16w_SITTD12	0.03228057	0.31774148	8.44E-05	0.081011	0.65793
16w_SITTD12	0.03859934	0.37928313	9.18E-05	0.10791	0.37625
16w_SITTD12	0.0415803	0.40831628	9.54E-05	0.10929	0.28067
16w_SITTD12	0.07685024	0.75182813	0.000127	0.059827	-1.117
16w_SITTD12	0.03853883	0.37869382	9.18E-05	0.10791	0.37625
16w_SITTD12	0.06066537	0.5941955	0.00011523	0.098828	-0.37638
16w_SITTD12	0.06086928	0.5961815	0.00011523	0.098828	-0.39249
16w_SITTD12	0.03475697	0.34186035	8.73E-05	0.093873	0.54051
16w_SITTD12	0.04291531	0.42131862	9.70E-05	0.10755	0.23945
16w_SITTD12	0.06738587	0.65964985	0.00012058	0.088682	-0.71078
16w_SITTD12	0.03862548	0.3795378	9.18E-05	0.10791	0.37625
16w_SITTD12	0.01958392	0.19408226	6.95E-05	0.030541	0.48489
16w_SITTD12	0.01421217	0.14176413	6.37E-05	0.020323	0.19442
16w_SITTD12	0.03971007	0.39010116	9.34E-05	0.10962	0.33794
16w_SITTD12	0.06877092	0.67313963	0.00012161	0.084113	-0.77743
16w_SITTD12	0.05728173	0.5612405	0.00011209	0.096042	-0.22216
16w_SITTD12	0.03313227	0.32603657	8.52E-05	0.084798	0.61617
16w_SITTD12	0.04282562	0.42044505	9.70E-05	0.10755	0.23945
16w_SITTD12	0.05892015	0.5771979	0.00011368	0.097776	-0.29758
16w_SITTD12	0.04488487	0.44050115	9.93E-05	0.10345	0.18258

16w_SITTD12	0.08621445	0.84303105	0.00013164	0.052775	-1.2997
16w_SITTD12	0.06427106	0.6293131	0.00011815	0.096641	-0.55833
16w_SITTD12	0.07392579	0.7233455	0.00012513	0.067136	-1.0066
16w_SITTD12	0.04434324	0.43522593	9.86E-05	0.10494	0.19178
16w_SITTD12	0.04670944	0.4582716	0.00010122	0.099559	0.13721
16w_SITTD12	0.02506118	0.24742813	7.58E-05	0.046199	0.74769
16w_SITTD12	0.01004339	0.10116221	5.98E-05	0.014626	0.1081
16w_SITTD12	0.00424844	0.04472226	5.50E-05	0.0088178	0.2638
16w_SITTD12	0.05186451	0.5084794	0.00010668	0.092211	-0.022986
16w_SITTD12	0.03421059	0.33653894	8.69E-05	0.09213	0.57137
16w_SITTD12	0.06409507	0.62759906	0.00011815	0.096641	-0.54144
16w_SITTD12	0.05914864	0.5794233	0.00011368	0.097776	-0.31309
16w_SITTD12	0.06806337	0.6662484	0.0001211	0.086439	-0.74427
16w_SITTD12	0.05389708	0.5282756	0.00010876	0.092731	-0.084185
16w_SITTD12	0.05121678	0.50217086	0.00010597	0.092472	-0.0001745
16w_SITTD12	0.05296439	0.5191917	0.00010773	0.092257	-0.059017
16w_SITTD12	0.07267802	0.71119285	0.00012446	0.070202	-0.9499
16w_SITTD12	0.00803038	0.08155643	5.81E-05	0.012286	0.13577
16w_SITTD12	0.03590033	0.35299608	8.90E-05	0.10026	0.49376
16w_SITTD12	0.07905067	0.7732593	0.00012816	0.056721	-1.1755
16w_SITTD12	0.03200993	0.31510553	8.40E-05	0.07911	0.65793
16w_SITTD12	0.05556048	0.54447633	0.00011045	0.094186	-0.1508
16w_SITTD12	0.07541114	0.7378121	0.00012619	0.062687	-1.0589
16w_SITTD12	0.04685594	0.45969844	0.00010122	0.099559	0.12814
16w_SITTD12	0.03877376	0.38098192	9.22E-05	0.10852	0.37625
16w_SITTD12	0.07107521	0.6955822	0.00012331	0.075804	-0.88959
16w_SITTD12	0.06580357	0.64423907	0.00011953	0.092756	-0.62617
16w_SITTD12	0.06615246	0.64763707	0.00011979	0.091802	-0.64315
16w_SITTD12	0.08081979	0.7904896	0.00012907	0.054994	-1.2155
16w_SITTD12	0.04383574	0.43028313	9.82E-05	0.10565	0.21046
16w_SITTD12	0.04877848	0.47842303	0.00010344	0.095375	0.072211
16w_SITTD12	0.02942558	0.28993526	8.11E-05	0.066108	0.7438
16w_SITTD12	0.0756865	0.74049395	0.00012619	0.062687	-1.0712
16w_SITTD12	0.06119165	0.5993212	0.00011553	0.098907	-0.4087
16w_SITTD12	0.07840414	0.7669624	0.00012778	0.057615	-1.1573
16w_SITTD12	0.03604002	0.35435662	8.90E-05	0.10026	0.49376
16w_SITTD12	0.01805717	0.17921254	6.80E-05	0.027619	0.4001
16w_SITTD12	0.04665978	0.45778787	0.00010122	0.099559	0.13721
16w_SITTD12	0.05810095	0.5692193	0.00011273	0.096781	-0.26697
16w_SITTD12	0.05451661	0.53430957	0.00010944	0.093233	-0.11022
16w_SITTD12	0.05213308	0.51109517	0.00010703	0.092172	-0.022986
16w_SITTD12	0.02696237	0.26594478	7.82E-05	0.054511	0.77219
16w_SITTD12	0.04837387	0.4744823	0.00010308	0.095994	0.091263
16w_SITTD12	0.08117486	0.7939479	0.00012924	0.054725	-1.2227
16w_SITTD12	0.05439523	0.53312737	0.0001091	0.092966	-0.11022
16w_SITTD12	0.02359388	0.23313731	7.42E-05	0.041523	0.70349

16w_SITTD12	0.07402986	0.7243591	0.00012534	0.066176	-1.0066
16w_SITTD12	0.07353193	0.71950954	0.00012491	0.068128	-0.99278
16w_SITTD12	0.07877122	0.7705376	0.00012797	0.057152	-1.1666
16w_SITTD12	0.04680515	0.45920378	0.00010122	0.099559	0.12814
16w_SITTD12	0.04968411	0.48724344	0.00010453	0.09379	0.052555
16w_SITTD12	0.07179081	0.7025518	0.00012378	0.073503	-0.92016
16w_SITTD12	0.09385562	0.9174523	0.00013442	0.052444	-1.3416
16w_SITTD12	0.05761559	0.5644921	0.00011241	0.096416	-0.23694
16w_SITTD12	0.05266513	0.516277	0.00010738	0.092189	-0.046772
16w_SITTD12	0.0496727	0.48713225	0.00010453	0.09379	0.052555
16w_SITTD12	0.03652358	0.35906628	8.94E-05	0.10166	0.46289
16w_SITTD12	0.03700291	0.36373478	9.02E-05	0.1042	0.4477
16w_SITTD12	0.090414	0.88393253	0.00013325	0.052587	-1.3301
16w_SITTD12	0.06314854	0.61838037	0.0001173	0.098072	-0.50782
16w_SITTD12	0.02094928	0.2073802	7.10E-05	0.033786	0.56707
16w_SITTD12	0.05531983	0.5421325	0.00011011	0.093847	-0.1508
16w_SITTD12	0.06556949	0.6419592	0.00011925	0.093659	-0.62617
16w_SITTD12	0.07495798	0.73339856	0.00012577	0.064358	-1.0462
16w_SITTD12	0.05701734	0.55866545	0.00011177	0.095663	-0.22216
16w_SITTD12	0.04850074	0.47571793	0.00010308	0.095994	0.081803
16w_SITTD12	0.05026892	0.49293917	0.0001049	0.093366	0.032151
16w_SITTD12	0.05558125	0.5446787	0.00011045	0.094186	-0.1508
16w_SITTD12	0.06404909	0.62715125	0.00011815	0.096641	-0.54144
16w_SITTD12	0.01384863	0.13822342	6.34E-05	0.019794	0.16714
16w_SITTD12	0.05192778	0.50909567	0.00010668	0.092211	-0.022986
16w_SITTD12	0.06491931	0.63562673	0.00011871	0.095287	-0.59222
16w_SITTD12	0.07230324	0.70754266	0.00012424	0.071279	-0.93514
16w_SITTD12	0.04269382	0.41916144	9.66E-05	0.10808	0.23945
16w_SITTD12	0.02640428	0.2605093	7.74E-05	0.051562	0.76965
16w_SITTD12	0.05511035	0.54009235	0.00010978	0.093528	-0.13708
16w_SITTD12	0.0579825	0.5680657	0.00011273	0.096781	-0.25188
16w_SITTD12	0.06245177	0.6115941	0.00011672	0.098627	-0.4579
16w_SITTD12	0.02281121	0.2255145	7.30E-05	0.038397	0.67444
16w_SITTD12	0.04648785	0.4561134	0.00010084	0.10033	0.13721
16w_SITTD12	0.06721846	0.65801936	0.00012058	0.088682	-0.69393
16w_SITTD12	0.06683272	0.6542625	0.00012032	0.089759	-0.67704
16w_SITTD12	0.08208213	0.80278426	0.00012976	0.054048	-1.2424
16w_SITTD12	0.03568691	0.35091758	8.86E-05	0.098764	0.50933
16w_SITTD12	0.0481436	0.47223955	0.00010271	0.09665	0.091263
16w_SITTD12	0.0248	0.24488439	7.54E-05	0.044969	0.73857
16w_SITTD12	0.00762604	0.07761836	5.78E-05	0.011928	0.14372
16w_SITTD12	0.04915327	0.48207325	0.00010381	0.094798	0.062467
16w_SITTD12	0.06119195	0.5993241	0.00011553	0.098907	-0.4087
16w_SITTD12	0.09397791	0.91864336	0.00013452	0.052426	-1.3423
16w_SITTD12	0.05833888	0.57153666	0.00011305	0.097132	-0.26697
16w_SITTD12	0.01304898	0.13043518	6.27E-05	0.018769	0.14454

16w_SITTD12	0.0284388	0.2803245	7.99E-05	0.060913	0.76245
16w_SITTD12	0.07082314	0.6931272	0.00012308	0.076976	-0.87403
16w_SITTD12	0.04814135	0.47221768	0.00010271	0.09665	0.091263
16w_SITTD12	0.05557658	0.54463315	0.00011045	0.094186	-0.1508
16w_SITTD12	0.04304982	0.4226287	9.70E-05	0.10755	0.22964
16w_SITTD12	0.06982246	0.6833811	0.00012235	0.080544	-0.82636
16w_SITTD12	0.04788711	0.46974155	0.00010234	0.09734	0.10061
16w_SITTD12	0.06205163	0.607697	0.00011642	0.098794	-0.44141
16w_SITTD12	0.05974214	0.5852037	0.00011431	0.098311	-0.3445
16w_SITTD12	0.07656534	0.7490534	0.0001268	0.060479	-1.1061
16w_SITTD12	0.06869338	0.6723843	0.00012161	0.084113	-0.77743
16w_SITTD12	0.05889672	0.5769697	0.00011368	0.097776	-0.29758
16w_SITTD12	0.06034386	0.59106416	0.00011492	0.0987	-0.36038
16w_SITTD12	0.04042684	0.3970821	9.42E-05	0.10978	0.31414
16w_SITTD12	0.02373205	0.23448305	7.42E-05	0.041523	0.70349
16w_SITTD12	0.05343448	0.52377015	0.00010842	0.092532	-0.07149
16w_SITTD12	0.06938196	0.6790908	0.00012211	0.081739	-0.81017
16w_SITTD12	0.08455426	0.8268616	0.00013089	0.053084	-1.2797
16w_SITTD12	0.04849273	0.4756399	0.00010308	0.095994	0.081803
16w_SITTD12	0.03221989	0.31715044	8.44E-05	0.081011	0.65793
16w_SITTD12	0.08649562	0.8457694	0.00013179	0.052739	-1.3031
16w_SITTD12	0.03842641	0.37759897	9.18E-05	0.10791	0.38979
16w_SITTD12	0.04924185	0.48293605	0.00010381	0.094798	0.062467
16w_SITTD12	0.06626647	0.64874744	0.00011979	0.091802	-0.66011
16w_SITTD12	0.01155914	0.11592486	6.14E-05	0.016833	0.11542
16w_SITTD12	0.07126722	0.6974523	0.00012355	0.074645	-0.88959
16w_SITTD12	0.05583306	0.5471311	0.00011078	0.094541	-0.16472
16w_SITTD12	0.02907495	0.2865203	8.07E-05	0.064343	0.751
16w_SITTD12	0.05789528	0.5672162	0.00011273	0.096781	-0.25188
16w_SITTD12	0.01138427	0.11422166	6.11E-05	0.016373	0.1115
16w_SITTD12	0.04541852	0.44569862	9.97E-05	0.10268	0.16436
16w_SITTD12	0.05995081	0.58723605	0.00011462	0.098526	-0.3445
16w_SITTD12	0.04375396	0.4294866	9.78E-05	0.10633	0.21046
16w_SITTD12	0.06513996	0.63777584	0.00011898	0.094504	-0.59222
16w_SITTD12	0.03566081	0.3506633	8.86E-05	0.098764	0.50933
16w_SITTD12	0.05930669	0.58096254	0.000114	0.098059	-0.31309
16w_SITTD12	0.03891063	0.38231498	9.22E-05	0.10852	0.36311
16w_SITTD12	0.09430014	0.92178166	0.00013463	0.052407	-1.3428
16w_SITTD12	0.06391851	0.62587947	0.00011787	0.097201	-0.54144
16w_SITTD12	0.06963011	0.68150765	0.00012235	0.080544	-0.81017
16w_SITTD12	0.0587654	0.57569075	0.00011337	0.097465	-0.29758
16w_SITTD12	0.02405245	0.23760355	7.46E-05	0.042633	0.71639
16w_SITTD12	0.07103036	0.6951454	0.00012331	0.075804	-0.88959
16w_SITTD12	0.07274586	0.71185356	0.00012446	0.070202	-0.96444
16w_SITTD12	0.03915631	0.3847078	9.26E-05	0.10901	0.36311
16w_SITTD12	0.02974136	0.29301077	8.15E-05	0.067903	0.7357

16w_SITTD12	0.03790081	0.3724798	9.10E-05	0.1063	0.40374
16w_SITTD12	0.05527047	0.5416518	0.00011011	0.093847	-0.13708
16w_SITTD12	0.0556645	0.5454895	0.00011045	0.094186	-0.16472
16w_SITTD12	0.06961611	0.68137133	0.00012235	0.080544	-0.81017
16w_SITTD12	0.06230044	0.6101203	0.00011642	0.098794	-0.4579
16w_SITTD12	0.06203606	0.6075453	0.00011642	0.098794	-0.44141
16w_SITTD12	0.05453249	0.53446424	0.00010944	0.093233	-0.11022
16w_SITTD12	0.06665017	0.6524845	0.00012006	0.090801	-0.67704
16w_SITTD12	0.01123152	0.11273398	6.11E-05	0.016373	0.1115
16w_SITTD12	0.06079147	0.5954237	0.00011523	0.098828	-0.39249
16w_SITTD12	0.04051343	0.39792544	9.42E-05	0.10978	0.31414
16w_SITTD12	0.04625987	0.45389304	0.00010084	0.10033	0.14626
16w_SITTD12	0.08641692	0.845003	0.00013179	0.052739	-1.3031
16w_SITTD12	0.07234167	0.707917	0.00012424	0.071279	-0.93514
16w_SITTD12	0.04937648	0.4842473	0.00010417	0.094268	0.062467
16w_SITTD12	0.07446615	0.72860837	0.00012556	0.06525	-1.0333
16w_SITTD12	0.04494921	0.44112784	9.93E-05	0.10345	0.18258
16w_SITTD12	0.0521197	0.5109649	0.00010703	0.092172	-0.022986
16w_SITTD12	0.04977111	0.48809072	0.00010453	0.09379	0.052555
16w_SITTD12	0.04936976	0.48418185	0.00010417	0.094268	0.062467
16w_SITTD12	0.09098244	0.8894689	0.0001335	0.052565	-1.3333
16w_SITTD12	0.01677628	0.16673729	6.65E-05	0.024968	0.31771
16w_SITTD12	0.03763873	0.36992732	9.10E-05	0.1063	0.41807
16w_SITTD12	0.04754337	0.46639365	0.00010197	0.098057	0.10986
16w_SITTD12	0.02186262	0.21627569	7.22E-05	0.03647	0.62396
16w_SITTD12	0.01353485	0.1351673	6.30E-05	0.019276	0.16714
16w_SITTD12	0.08158898	0.79798114	0.00012959	0.054253	-1.2295
16w_SITTD12	0.06448084	0.6313563	0.00011843	0.096001	-0.55833
16w_SITTD12	0.06142249	0.6015695	0.00011583	0.09893	-0.4087
16w_SITTD12	0.06553569	0.64163	0.00011925	0.093659	-0.60919
16w_SITTD12	0.04625243	0.45382056	0.00010084	0.10033	0.14626
16w_SITTD12	0.07284866	0.71285474	0.00012446	0.070202	-0.96444
16w_SITTD12	0.00732382	0.07467493	5.75E-05	0.011579	0.15252
16w_SITTD12	0.04716739	0.46273184	0.00010159	0.098799	0.11903
16w_SITTD12	0.07000364	0.6851456	0.0001226	0.07935	-0.8424
16w_SITTD12	0.03385774	0.33310238	8.65E-05	0.090344	0.58656
16w_SITTD12	0.07304937	0.71480954	0.00012469	0.069151	-0.96444
16w_SITTD12	0.07239506	0.70843697	0.00012424	0.071279	-0.9499
16w_SITTD12	0.02965546	0.29217413	8.11E-05	0.066108	0.7357
16w_SITTD12	0.07203542	0.70493424	0.00012401	0.07238	-0.92016
16w_SITTD12	0.04505798	0.44218713	9.93E-05	0.10345	0.17344
16w_SITTD12	0.01483204	0.1478013	6.44E-05	0.021412	0.20962
16w_SITTD12	0.0447724	0.43940577	9.89E-05	0.10421	0.18258
16w_SITTD12	0.07003144	0.68541646	0.0001226	0.07935	-0.8424
16w_SITTD12	0.05316747	0.5211696	0.00010807	0.092373	-0.059017
16w_SITTD12	0.02009058	0.19901688	7.02E-05	0.032119	0.52662

16w_SITTD12	0.06386785	0.6253861	0.00011787	0.097201	-0.54144
16w_SITTD12	0.05821781	0.5703574	0.00011305	0.097132	-0.26697
16w_SITTD12	0.02558483	0.2525282	7.66E-05	0.04879	0.7616
16w_SITTD12	0.06274095	0.61441064	0.00011701	0.098387	-0.47447
16w_SITTD12	0.06264373	0.61346376	0.00011672	0.098627	-0.47447
16w_SITTD12	0.04874102	0.47805816	0.00010344	0.095375	0.081803
16w_SITTD12	0.03875874	0.38083562	9.22E-05	0.10852	0.37625
16w_SITTD12	0.01310511	0.13098185	6.27E-05	0.018769	0.14454
16w_SITTD12	0.05685873	0.5571207	0.00011177	0.095663	-0.20754
16w_SITTD12	0.07435194	0.727496	0.00012556	0.06525	-1.0201
16w_SITTD12	0.0437581	0.42952698	9.78E-05	0.10633	0.21046
16w_SITTD12	0.07686005	0.75192374	0.000127	0.059827	-1.117
16w_SITTD12	0.04214818	0.41384718	9.62E-05	0.10856	0.25963
16w_SITTD12	0.08406779	0.82212365	0.00013074	0.053178	-1.2751
16w_SITTD12	0.05532653	0.5421978	0.00011011	0.093847	-0.1508
16w_SITTD12	0.06204684	0.6076503	0.00011642	0.098794	-0.44141
16w_SITTD12	0.05345968	0.52401555	0.00010842	0.092532	-0.07149
16w_SITTD12	0.05212554	0.5110217	0.00010703	0.092172	-0.022986
16w_SITTD12	0.04583041	0.44971022	0.00010009	0.1019	0.1553
16w_SITTD12	0.06826568	0.66821873	0.00012136	0.085284	-0.74427
16w_SITTD12	0.04954923	0.4859297	0.00010417	0.094268	0.052555
16w_SITTD12	0.03943782	0.38744953	9.30E-05	0.10937	0.35035
16w_SITTD12	0.0281215	0.27723417	7.94E-05	0.059253	0.76661
16w_SITTD12	0.04524719	0.44402996	9.97E-05	0.10268	0.17344
16w_SITTD12	0.04307557	0.42287943	9.70E-05	0.10755	0.22964
16w_SITTD12	0.0565793	0.5543992	0.00011144	0.095284	-0.19309
16w_SITTD12	0.04901771	0.48075297	0.00010381	0.094798	0.072211
16w_SITTD12	0.08321109	0.8137797	0.00013026	0.053541	-1.2598
16w_SITTD12	0.0392763	0.38587645	9.26E-05	0.10901	0.35035
16w_SITTD12	0.03866889	0.37996057	9.22E-05	0.10852	0.37625
16w_SITTD12	0.07192578	0.70386636	0.00012378	0.073503	-0.92016
16w_SITTD12	0.05298584	0.5194006	0.00010773	0.092257	-0.059017
16w_SITTD12	0.0252036	0.24881521	7.58E-05	0.046199	0.75539
16w_SITTD12	0.05678234	0.55637664	0.00011144	0.095284	-0.20754
16w_SITTD12	0.06343892	0.62120855	0.00011758	0.097678	-0.50782
16w_SITTD12	0.00629676	0.06467186	5.66E-05	0.010584	0.18365
16w_SITTD12	0.07021416	0.687196	0.0001226	0.07935	-0.8424
16w_SITTD12	0.04752496	0.4662143	0.00010197	0.098057	0.10986
16w_SITTD12	0.04491688	0.44081298	9.93E-05	0.10345	0.18258
16w_SITTD12	0.0129888	0.12984909	6.27E-05	0.018769	0.14454
16w_SITTD12	0.01321057	0.13200898	6.27E-05	0.018769	0.15521
16w_SITTD12	0.04660851	0.45728856	0.00010122	0.099559	0.13721
16w_SITTD12	0.06346248	0.62143797	0.00011758	0.097678	-0.50782
16w_SITTD12	0.03270004	0.32182688	8.48E-05	0.082909	0.6305
16w_SITTD12	0.06634598	0.64952177	0.00011979	0.091802	-0.66011
16w_SITTD12	0.07412534	0.7252889	0.00012534	0.066176	-1.0201

16w_SITTD12	0.08311052	0.8128002	0.00013026	0.053541	-1.2598
16w_SITTD12	0.02740812	0.2702862	7.86E-05	0.05605	0.77153
16w_SITTD12	0.00171176	0.02001622	5.31E-05	0.0071026	0.37827
16w_SITTD12	0.05547899	0.5436827	0.00011045	0.094186	-0.1508
16w_SITTD12	0.05251497	0.51481456	0.00010738	0.092189	-0.03476
16w_SITTD12	0.06996687	0.6847875	0.0001226	0.07935	-0.82636
16w_SITTD12	0.06777822	0.66347116	0.00012084	0.087573	-0.72756
16w_SITTD12	0.01412858	0.14094995	6.37E-05	0.020323	0.18023
16w_SITTD12	0.03830447	0.37641135	9.18E-05	0.10791	0.38979
16w_SITTD12	0.07050782	0.6900561	0.00012284	0.078159	-0.8583
16w_SITTD12	0.08650751	0.8458853	0.00013179	0.052739	-1.3031
16w_SITTD12	0.0057524	0.05937006	5.63E-05	0.010269	0.19547
16w_SITTD12	0.06005342	0.58823544	0.00011462	0.098526	-0.3445
16w_SITTD12	0.05071043	0.49723926	0.00010561	0.092703	0.021622
16w_SITTD12	0.07750422	0.7581976	0.0001274	0.058646	-1.1276
16w_SITTD12	0.03906331	0.38380206	9.26E-05	0.10901	0.36311
16w_SITTD12	0.05353209	0.52472085	0.00010842	0.092532	-0.07149
16w_SITTD12	0.0380053	0.37349758	9.14E-05	0.10717	0.40374
16w_SITTD12	0.08931153	0.873195	0.00013288	0.052615	-1.3244
16w_SITTD12	0.06542289	0.64053136	0.00011925	0.093659	-0.60919
16w_SITTD12	0.05641199	0.55276966	0.00011111	0.094909	-0.19309
16w_SITTD12	0.01204163	0.12062404	6.17E-05	0.017303	0.12065
16w_SITTD12	0.07977898	0.7803527	0.00012853	0.055948	-1.1924
16w_SITTD12	0.03778285	0.37133098	9.10E-05	0.1063	0.41807
16w_SITTD12	0.02562499	0.25291932	7.66E-05	0.04879	0.7616
16w_SITTD12	0.03522301	0.3463994	8.81E-05	0.097198	0.52494
16w_SITTD12	0.04169289	0.40941286	9.54E-05	0.10929	0.27003
16w_SITTD12	0.02284751	0.22586809	7.34E-05	0.039406	0.67444
16w_SITTD12	0.07694282	0.75272983	0.000127	0.059827	-1.117
16w_SITTD12	0.05215957	0.5113532	0.00010703	0.092172	-0.022986
16w_SITTD12	0.04715277	0.46258944	0.00010159	0.098799	0.11903
16w_SITTD12	0.01093222	0.10981897	6.08E-05	0.015922	0.10884
16w_SITTD12	0.07910552	0.7737935	0.00012816	0.056721	-1.1755
16w_SITTD12	0.07580265	0.74162525	0.0001264	0.06191	-1.0712
16w_SITTD12	0.06679724	0.6539169	0.00012032	0.089759	-0.67704
16w_SITTD12	0.04703639	0.46145597	0.00010159	0.098799	0.12814
16w_SITTD12	0.06057476	0.5933129	0.00011492	0.0987	-0.37638
16w_SITTD12	0.03743155	0.36790952	9.06E-05	0.10531	0.43275
16w_SITTD12	0.01512349	0.15063989	6.47E-05	0.021973	0.22576
16w_SITTD12	0.04349884	0.4270019	9.78E-05	0.10633	0.21998
16w_SITTD12	0.04017064	0.39458692	9.38E-05	0.10975	0.32588
16w_SITTD12	0.07672393	0.75059795	0.0001268	0.060479	-1.1061
16w_SITTD12	0.03118526	0.3070737	8.32E-05	0.075317	0.69526
16w_SITTD12	0.0494687	0.4851454	0.00010417	0.094268	0.052555
16w_SITTD12	0.05610674	0.54979664	0.00011078	0.094541	-0.17881
16w_SITTD12	0.08573034	0.83831596	0.0001315	0.052818	-1.2923

16w_SITTD12	0.06891631	0.67455566	0.00012186	0.08293	-0.77743
16w_SITTD12	0.06295104	0.61645675	0.00011701	0.098387	-0.49111
16w_SITTD12	0.0652269	0.6386225	0.00011898	0.094504	-0.60919
16w_SITTD12	0.04692547	0.46037567	0.00010159	0.098799	0.12814
16w_SITTD12	0.0689968	0.67533946	0.00012186	0.08293	-0.79386
16w_SITTD12	0.07774039	0.7604978	0.0001274	0.058646	-1.1379
16w_SITTD12	0.02944988	0.29017195	8.11E-05	0.066108	0.7438
16w_SITTD12	0.05580788	0.5468859	0.00011078	0.094541	-0.16472
16w_SITTD12	0.04355878	0.42758566	9.78E-05	0.10633	0.21998
16w_SITTD12	0.07467838	0.7306754	0.00012556	0.06525	-1.0333
16w_SITTD12	0.05602342	0.5489852	0.00011078	0.094541	-0.17881
16w_SITTD12	0.05855407	0.5736324	0.00011337	0.097465	-0.2822
16w_SITTD12	0.05606819	0.5494212	0.00011078	0.094541	-0.17881
16w_SITTD12	0.05841433	0.5722714	0.00011305	0.097132	-0.2822
16w_SITTD12	0.05518371	0.54080683	0.00011011	0.093847	-0.13708
16w_SITTD12	0.06456018	0.63212895	0.00011843	0.096001	-0.57526
16w_SITTD12	0.04932831	0.4837781	0.00010417	0.094268	0.062467
16w_SITTD12	0.05855284	0.57362044	0.00011337	0.097465	-0.2822
16w_SITTD12	0.03229133	0.3178463	8.44E-05	0.081011	0.65793
16w_SITTD12	0.06912545	0.6765925	0.00012186	0.08293	-0.79386
16w_SITTD12	0.06600551	0.64620584	0.00011953	0.092756	-0.64315
16w_SITTD12	0.01320884	0.13199215	6.27E-05	0.018769	0.15521
16w_SITTD12	0.06416503	0.6282804	0.00011815	0.096641	-0.54144
16w_SITTD12	0.0471668	0.46272603	0.00010159	0.098799	0.11903
16w_SITTD12	0.06429201	0.6295172	0.00011815	0.096641	-0.55833
16w_SITTD12	0.04038319	0.39665696	9.42E-05	0.10978	0.31414
16w_SITTD12	0.05541521	0.54306144	0.00011011	0.093847	-0.1508
16w_SITTD12	0.01260574	0.12611826	6.24E-05	0.018271	0.13519
16w_SITTD12	0.02159163	0.21363644	7.18E-05	0.035549	0.6056
16w_SITTD12	0.00591876	0.06099029	5.63E-05	0.010269	0.19547
16w_SITTD12	0.02960689	0.29170114	8.11E-05	0.066108	0.7357
16w_SITTD12	0.05357673	0.52515566	0.00010842	0.092532	-0.084185
16w_SITTD12	0.0482394	0.47317263	0.00010271	0.09665	0.091263
16w_SITTD12	0.03862028	0.37948716	9.18E-05	0.10791	0.37625
16w_SITTD12	0.05271131	0.5167268	0.00010773	0.092257	-0.046772
16w_SITTD12	0.05096723	0.4997404	0.00010561	0.092703	0.010852
16w_SITTD12	0.05362832	0.5256581	0.00010842	0.092532	-0.084185
16w_SITTD12	0.08111627	0.7933772	0.00012924	0.054725	-1.2227
16w_SITTD12	0.05623081	0.551005	0.00011111	0.094909	-0.17881
16w_SITTD12	0.06549063	0.6411912	0.00011925	0.093659	-0.60919
16w_SITTD12	0.07003735	0.685474	0.0001226	0.07935	-0.8424
16w_SITTD12	0.07984506	0.78099626	0.00012871	0.055605	-1.1924
16w_SITTD12	0.0450244	0.44186008	9.93E-05	0.10345	0.17344
16w_SITTD12	0.05262994	0.51593435	0.00010738	0.092189	-0.046772
16w_SITTD12	0.07855836	0.7684644	0.00012797	0.057152	-1.1666
16w_SITTD12	0.04284924	0.42067516	9.70E-05	0.10755	0.23945

16w_SITTD12	0.00987332	0.09950577	5.98E-05	0.014626	0.1081
16w_SITTD12	0.07263851	0.71080804	0.00012446	0.070202	-0.9499
16w_SITTD12	0.06383947	0.6251096	0.00011787	0.097201	-0.54144
16w_SITTD12	0.07377436	0.72187066	0.00012513	0.067136	-1.0066
16w_SITTD12	0.04105068	0.40315807	9.50E-05	0.10955	0.29155
16w_SITTD12	0.07040464	0.6890512	0.00012284	0.078159	-0.8583
16w_SITTD12	0.02029396	0.20099771	7.02E-05	0.032119	0.52662
16w_SITTD12	0.06756099	0.66135544	0.00012084	0.087573	-0.71078
16w_SITTD12	0.05660677	0.5546667	0.00011144	0.095284	-0.19309
16w_SITTD12	0.00722564	0.07371867	5.75E-05	0.011579	0.15252
16w_SITTD12	0.04383783	0.43030348	9.82E-05	0.10565	0.21046
16w_SITTD12	0.04040814	0.3969	9.42E-05	0.10978	0.31414
16w_SITTD12	0.05302937	0.51982456	0.00010773	0.092257	-0.059017
16w_SITTD12	0.05258908	0.51553637	0.00010738	0.092189	-0.046772
16w_SITTD12	0.06210774	0.60824347	0.00011642	0.098794	-0.44141
16w_SITTD12	0.05020014	0.49226925	0.0001049	0.093366	0.032151
16w_SITTD12	0.03595473	0.353526	8.90E-05	0.10026	0.49376
16w_SITTD12	0.08818645	0.86223733	0.00013248	0.05264	-1.3176
16w_SITTD12	0.08280253	0.8098006	0.00013009	0.053693	-1.2543
16w_SITTD12	0.06238925	0.6109852	0.00011672	0.098627	-0.4579
16w_SITTD12	0.02596299	0.2562113	7.70E-05	0.050154	0.76634
16w_SITTD12	0.04880851	0.4787155	0.00010344	0.095375	0.072211
16w_SITTD12	0.00161037	0.01902874	5.31E-05	0.0071026	0.37827
16w_SITTD12	0.0670569	0.65644586	0.00012032	0.089759	-0.69393
16w_SITTD12	0.03908013	0.38396585	9.26E-05	0.10901	0.36311
16w_SITTD12	0.02281361	0.22553791	7.30E-05	0.038397	0.67444
16w_SITTD12	0.06559809	0.6422378	0.00011925	0.093659	-0.62617
16w_SITTD12	0.01803569	0.17900331	6.80E-05	0.027619	0.4001
16w_SITTD12	0.02202006	0.21780908	7.22E-05	0.03647	0.62396
16w_SITTD12	0.04324269	0.42450717	9.74E-05	0.10696	0.22964
16w_SITTD12	0.06895785	0.6749602	0.00012186	0.08293	-0.77743
16w_SITTD12	0.07567518	0.7403836	0.00012619	0.062687	-1.0712
16w_SITTD12	0.08667843	0.84755	0.00013179	0.052739	-1.3031
16w_SITTD12	0.02244137	0.22191247	7.26E-05	0.037419	0.65846
16w_SITTD12	0.07357927	0.7199706	0.00012491	0.068128	-0.99278
16w_SITTD12	0.07809038	0.76390654	0.00012759	0.058113	-1.1478
16w_SITTD12	0.05864431	0.5745113	0.00011337	0.097465	-0.2822
16w_SITTD12	0.02499446	0.24677834	7.58E-05	0.046199	0.74769
16w_SITTD12	0.03056586	0.301041	8.23E-05	0.07157	0.71698
16w_SITTD12	0.05422359	0.53145576	0.0001091	0.092966	-0.097097
16w_SITTD12	0.03436818	0.33807373	8.69E-05	0.09213	0.57137
16w_SITTD12	0.04048543	0.39765278	9.42E-05	0.10978	0.31414
16w_SITTD12	0.03352158	0.3298283	8.61E-05	0.088522	0.60151
16w_SITTD12	0.05175059	0.5073699	0.00010668	0.092211	-0.011455
16w_SITTD12	0.09180944	0.89752346	0.00013374	0.052539	-1.336
16w_SITTD12	0.05121668	0.5021699	0.00010597	0.092472	-0.0001745

16w_SITTD12	0.05126463	0.50263685	0.00010597	0.092472	-0.0001745
16w_SITTD12	0.05595886	0.5483564	0.00011078	0.094541	-0.17881
16w_SITTD12	0.04761386	0.46708015	0.00010234	0.09734	0.10986
16w_SITTD12	0.0787259	0.7700962	0.00012797	0.057152	-1.1666
16w_SITTD12	0.08513412	0.8325091	0.0001312	0.05293	-1.2883
16w_SITTD12	0.09052602	0.88502353	0.00013338	0.052577	-1.3317
16w_SITTD12	0.05783741	0.56665254	0.00011241	0.096416	-0.25188
16w_SITTD12	0.06372088	0.62395465	0.00011787	0.097201	-0.5246
16w_SITTD12	0.03271453	0.32196802	8.48E-05	0.082909	0.6305
16w_SITTD12	0.04523069	0.4438693	9.97E-05	0.10268	0.17344
16w_SITTD12	0.04820685	0.4728556	0.00010271	0.09665	0.091263
16w_SITTD12	0.08146984	0.7968209	0.00012942	0.054478	-1.2295
16w_SITTD12	0.04700037	0.4611051	0.00010159	0.098799	0.12814
16w_SITTD12	0.0620709	0.60788465	0.00011642	0.098794	-0.44141
16w_SITTD12	0.08593863	0.8403446	0.0001315	0.052818	-1.2961
16w_SITTD12	0.043326	0.42531857	9.74E-05	0.10696	0.21998
16w_SITTD12	0.07110443	0.6958668	0.00012331	0.075804	-0.88959
16w_SITTD12	0.0610622	0.5980604	0.00011553	0.098907	-0.39249
16w_SITTD12	0.05915103	0.57944655	0.00011368	0.097776	-0.31309
16w_SITTD12	0.0680979	0.66658473	0.0001211	0.086439	-0.74427
16w_SITTD12	0.07835567	0.76649034	0.00012778	0.057615	-1.1573
16w_SITTD12	0.04510193	0.44261527	9.93E-05	0.10345	0.17344
16w_SITTD12	0.01468604	0.14637934	6.44E-05	0.021412	0.20962
16w_SITTD12	0.08798654	0.86029035	0.00013235	0.052652	-1.315
16w_SITTD12	0.07769499	0.76005566	0.0001274	0.058646	-1.1379
16w_SITTD12	0.06141741	0.60152	0.00011583	0.09893	-0.4087
16w_SITTD12	0.01715479	0.17042373	6.69E-05	0.025607	0.33781
16w_SITTD12	0.0501578	0.4918569	0.0001049	0.093366	0.032151
16w_SITTD12	0.07604957	0.74403	0.0001264	0.06191	-1.0832
16w_SITTD12	0.01919079	0.1902534	6.91E-05	0.029782	0.46374
16w_SITTD12	0.05737353	0.56213456	0.00011209	0.096042	-0.23694
16w_SITTD12	0.08206729	0.8026397	0.00012976	0.054048	-1.2424
16w_SITTD12	0.04238866	0.41618928	9.62E-05	0.10856	0.24945
16w_SITTD12	0.02232045	0.22073476	7.26E-05	0.037419	0.64161
16w_SITTD12	0.05865161	0.5745824	0.00011337	0.097465	-0.2822
16w_SITTD12	0.01985342	0.19670705	6.99E-05	0.031319	0.50588
16w_SITTD12	0.07680671	0.7514042	0.000127	0.059827	-1.1061
16w_SITTD12	0.04733251	0.46434003	0.00010197	0.098057	0.11903
16w_SITTD12	0.06449822	0.6315256	0.00011843	0.096001	-0.55833
16w_SITTD12	0.07480013	0.7318611	0.00012577	0.064358	-1.0462
16w_SITTD12	0.02915555	0.28730533	8.07E-05	0.064343	0.751
16w_SITTD12	0.07195015	0.70410377	0.00012401	0.07238	-0.92016
16w_SITTD12	0.06470969	0.63358516	0.00011843	0.096001	-0.57526
16w_SITTD12	0.06152853	0.6026022	0.00011583	0.09893	-0.42501
16w_SITTD12	0.01278362	0.12785074	6.24E-05	0.018271	0.13519
16w_SITTD12	0.07030623	0.6880927	0.00012284	0.078159	-0.8424

16w_SITTD12	0.04613448	0.4526717	0.00010046	0.10111	0.14626
16w_SITTD12	0.06044817	0.59208006	0.00011492	0.0987	-0.37638
16w_SITTD12	0.01066092	0.10717661	6.05E-05	0.01548	0.10741
16w_SITTD12	0.06507874	0.6371795	0.00011898	0.094504	-0.59222
16w_SITTD12	0.0062205	0.0639291	5.66E-05	0.010584	0.18365
16w_SITTD12	0.05311789	0.52068675	0.00010807	0.092373	-0.059017
16w_SITTD12	0.03190542	0.31408772	8.40E-05	0.07911	0.67094
16w_SITTD12	0.0526381	0.5160138	0.00010738	0.092189	-0.046772
16w_SITTD12	0.05644863	0.55312645	0.00011111	0.094909	-0.19309
16w_SITTD12	0.01242754	0.12438266	6.21E-05	0.017782	0.12723
16w_SITTD12	0.07338714	0.7180993	0.00012491	0.068128	-0.97873
16w_SITTD12	0.0317882	0.31294605	8.40E-05	0.07911	0.67094
16w_SITTD12	0.06588929	0.64507395	0.00011953	0.092756	-0.64315
16w_SITTD12	0.05707077	0.55918586	0.00011177	0.095663	-0.22216
16w_SITTD12	0.05144718	0.50441486	0.00010632	0.092309	-0.0001745
16w_SITTD12	0.060487	0.59245825	0.00011492	0.0987	-0.37638
16w_SITTD12	0.0397538	0.39052704	9.34E-05	0.10962	0.33794
16w_SITTD12	0.05388552	0.5281631	0.00010876	0.092731	-0.084185
16w_SITTD12	0.05884687	0.57648414	0.00011337	0.097465	-0.29758
16w_SITTD12	0.0782603	0.7655615	0.00012778	0.057615	-1.1573
16w_SITTD12	0.02803314	0.27637357	7.94E-05	0.059253	0.76661
16w_SITTD12	0.07404712	0.7245272	0.00012534	0.066176	-1.0066
16w_SITTD12	0.08840994	0.864414	0.00013248	0.05264	-1.3176
16w_SITTD12	0.04831287	0.4738882	0.00010308	0.095994	0.091263
16w_SITTD12	0.05781027	0.5663882	0.00011241	0.096416	-0.25188
16w_SITTD12	0.06302288	0.6171565	0.0001173	0.098072	-0.49111
16w_SITTD12	0.07290181	0.7133724	0.00012446	0.070202	-0.96444
16w_SITTD12	0.05222762	0.5120159	0.00010703	0.092172	-0.03476
16w_SITTD12	0.05792937	0.5675482	0.00011273	0.096781	-0.25188
16w_SITTD12	0.08050128	0.78738755	0.00012889	0.055287	-1.2081
16w_SITTD12	0.00547262	0.05664518	5.61E-05	0.0099627	0.20797
16w_SITTD12	0.05864697	0.5745373	0.00011337	0.097465	-0.2822
16w_SITTE12	0.04157868	0.4083005	9.54E-05	0.10929	0.28067
16w_SITTE12	0.03567032	0.35075593	8.86E-05	0.098764	0.50933
16w_SITTE12	0.00743721	0.0757793	5.78E-05	0.011928	0.14372
16w_SITTE12	0.04494105	0.44104832	9.93E-05	0.10345	0.18258
16w_SITTE12	0.04606968	0.4520406	0.00010046	0.10111	0.14626
16w_SITTE12	0.05496471	0.5386739	0.00010978	0.093528	-0.13708
16w_SITTE12	0.06028606	0.5905011	0.00011492	0.0987	-0.36038
16w_SITTE12	0.04928403	0.4833468	0.00010417	0.094268	0.062467
16w_SITTE12	0.08109244	0.7931451	0.00012924	0.054725	-1.2227
16w_SITTE12	0.07209404	0.70550513	0.00012401	0.07238	-0.93514
16w_SITTE12	0.05027552	0.49300346	0.0001049	0.093366	0.032151
16w_SITTE12	0.00679666	0.06954067	5.72E-05	0.011238	0.16213
16w_SITTE12	0.07357559	0.71993464	0.00012491	0.068128	-0.99278
16w_SITTE12	0.04377734	0.42971432	9.78E-05	0.10633	0.21046

16w_SITTE12	0.01489362	0.14840107	6.44E-05	0.021412	0.22576
16w_SITTE12	0.07498617	0.73367304	0.00012577	0.064358	-1.0462
16w_SITTE12	0.06577121	0.6439238	0.00011953	0.092756	-0.62617
16w_SITTE12	0.06074988	0.59501857	0.00011523	0.098828	-0.39249
16w_SITTE12	0.03996229	0.39255768	9.34E-05	0.10962	0.32588
16w_SITTE12	0.06894656	0.6748502	0.00012186	0.08293	-0.77743
16w_SITTE12	0.02701686	0.26647547	7.82E-05	0.054511	0.77219
16w_SITTE12	0.01901409	0.18853244	6.87E-05	0.029043	0.46374
16w_SITTE12	0.02421276	0.23916493	7.50E-05	0.043782	0.72811
16w_SITTE12	0.06918199	0.67714316	0.00012186	0.08293	-0.79386
16w_SITTE12	0.04362144	0.42819598	9.78E-05	0.10633	0.21998
16w_SITTE12	0.06066666	0.594208	0.00011523	0.098828	-0.37638
16w_SITTE12	0.03203569	0.3153565	8.40E-05	0.07911	0.65793
16w_SITTE12	0.06924141	0.67772186	0.00012211	0.081739	-0.79386
16w_SITTE12	0.05299229	0.5194635	0.00010773	0.092257	-0.059017
16w_SITTE12	0.05902948	0.57826275	0.00011368	0.097776	-0.29758
16w_SITTE12	0.00452041	0.04737111	5.52E-05	0.0090922	0.24903
16w_SITTE12	0.04473606	0.43905184	9.89E-05	0.10421	0.18258
16w_SITTE12	0.04731109	0.4641314	0.00010197	0.098057	0.11903
16w_SITTE12	0.00251023	0.0277929	5.36E-05	0.0075574	0.34395
16w_SITTE12	0.03711196	0.3647968	9.02E-05	0.1042	0.4477
16w_SITTE12	0.08095277	0.7917848	0.00012924	0.054725	-1.2227
16w_SITTE12	0.07501816	0.73398465	0.00012577	0.064358	-1.0462
16w_SITTE12	0.0550198	0.53921044	0.00010978	0.093528	-0.13708
16w_SITTE12	0.07063197	0.69126534	0.00012308	0.076976	-0.8583
16w_SITTE12	0.05439974	0.5331713	0.0001091	0.092966	-0.11022
16w_SITTE12	0.04742935	0.4652832	0.00010197	0.098057	0.10986
16w_SITTE12	0.04601483	0.4515064	0.00010046	0.10111	0.1553
16w_SITTE12	0.04074877	0.4002176	9.46E-05	0.10971	0.3027
16w_SITTE12	0.05767136	0.5650353	0.00011241	0.096416	-0.25188
16w_SITTE12	0.05153206	0.50524145	0.00010632	0.092309	-0.011455
16w_SITTE12	0.04969638	0.48736295	0.00010453	0.09379	0.052555
16w_SITTE12	0.03501033	0.34432802	8.77E-05	0.095565	0.54051
16w_SITTE12	0.04426416	0.43445572	9.86E-05	0.10494	0.20107
16w_SITTE12	0.05522562	0.541215	0.00011011	0.093847	-0.13708
16w_SITTE12	0.07073792	0.6922972	0.00012308	0.076976	-0.87403
16w_SITTE12	0.02424467	0.23947568	7.50E-05	0.043782	0.72811
16w_SITTE12	0.04868379	0.47750074	0.00010344	0.095375	0.081803
16w_SITTE12	0.05273522	0.5169597	0.00010773	0.092257	-0.046772
16w_SITTE12	0.07241724	0.708653	0.00012424	0.071279	-0.9499
16w_SITTE12	0.049785	0.48822603	0.00010453	0.09379	0.052555
16w_SITTE12	0.0684948	0.6704503	0.00012136	0.085284	-0.7609
16w_SITTE12	0.01226916	0.12284008	6.21E-05	0.017782	0.12723
16w_SITTE12	0.05698511	0.5583516	0.00011177	0.095663	-0.22216
16w_SITTE12	0.06513897	0.6377661	0.00011898	0.094504	-0.59222
16w_SITTE12	0.06448537	0.6314004	0.00011843	0.096001	-0.55833

16w_SITTE12	0.06970985	0.68228424	0.00012235	0.080544	-0.82636
16w_SITTE12	0.0637624	0.624359	0.00011787	0.097201	-0.5246
16w_SITTE12	0.04859775	0.47666278	0.00010344	0.095375	0.081803
16w_SITTE12	0.03882461	0.38147724	9.22E-05	0.10852	0.37625
16w_SITTE12	0.02329109	0.23018834	7.38E-05	0.040447	0.68948
16w_SITTE12	0.08219255	0.80385965	0.00012976	0.054048	-1.2424
16w_SITTE12	0.03506123	0.3448237	8.77E-05	0.095565	0.54051
16w_SITTE12	0.00726726	0.07412401	5.75E-05	0.011579	0.15252
16w_SITTE12	0.01273878	0.12741402	6.24E-05	0.018271	0.13519
16w_SITTE12	0.05275671	0.517169	0.00010773	0.092257	-0.046772
16w_SITTE12	0.05185642	0.5084006	0.00010668	0.092211	-0.022986
16w_SITTE12	0.04739161	0.4649156	0.00010197	0.098057	0.11903
16w_SITTE12	0.06658603	0.6518598	0.00012006	0.090801	-0.67704
16w_SITTE12	0.07272036	0.71160525	0.00012446	0.070202	-0.9499
16w_SITTE12	0.01580697	0.15729669	6.54E-05	0.023132	0.26052
16w_SITTE12	0.04874751	0.47812134	0.00010344	0.095375	0.081803
16w_SITTE12	0.0455703	0.44717687	0.00010009	0.1019	0.16436
16w_SITTE12	0.03525068	0.34666884	8.81E-05	0.097198	0.52494
16w_SITTE12	0.05095498	0.4996211	0.00010561	0.092703	0.010852
16w_SITTE12	0.01399431	0.13964224	6.37E-05	0.020323	0.18023
16w_SITTE12	0.05895779	0.5775644	0.00011368	0.097776	-0.29758
16w_SITTE12	0.0246158	0.24309039	7.54E-05	0.044969	0.73857
16w_SITTE12	0.07984964	0.78104085	0.00012871	0.055605	-1.1924
16w_SITTE12	0.04674121	0.45858106	0.00010122	0.099559	0.12814
16w_SITTE12	0.02506399	0.24745552	7.58E-05	0.046199	0.74769
16w_SITTE12	0.08658835	0.84667265	0.00013179	0.052739	-1.3031
16w_SITTE12	0.03096221	0.30490127	8.28E-05	0.073435	0.70647
16w_SITTE12	0.07715035	0.75475115	0.0001272	0.059217	-1.117
16w_SITTE12	0.01135986	0.11398401	6.11E-05	0.016373	0.1115
16w_SITTE12	0.01344212	0.13426416	6.30E-05	0.019276	0.15521
16w_SITTE12	0.01329742	0.13285483	6.30E-05	0.019276	0.15521
16w_SITTE12	0.04250081	0.41728154	9.66E-05	0.10808	0.24945
16w_SITTE12	0.05189005	0.50872815	0.00010668	0.092211	-0.022986
16w_SITTE12	0.027336	0.26958376	7.86E-05	0.05605	0.77153
16w_SITTE12	0.05093421	0.4994188	0.00010561	0.092703	0.010852
16w_SITTE12	0.03576402	0.35166857	8.86E-05	0.098764	0.50933
16w_SITTE12	0.0136509	0.13629755	6.34E-05	0.019794	0.16714
16w_SITTE12	0.03200634	0.31507057	8.40E-05	0.07911	0.65793
16w_SITTE12	0.03051069	0.3005037	8.23E-05	0.07157	0.71698
16w_SITTE12	0.05883678	0.57638586	0.00011337	0.097465	-0.29758
16w_SITTE12	0.01982521	0.1964323	6.99E-05	0.031319	0.50588
16w_SITTE12	0.03330094	0.3276794	8.57E-05	0.086671	0.61617
16w_SITTE12	0.05087481	0.4988402	0.00010561	0.092703	0.010852
16w_SITTE12	0.03872343	0.38049173	9.22E-05	0.10852	0.37625
16w_SITTE12	0.0385938	0.37922922	9.18E-05	0.10791	0.37625
16w_SITTE12	0.04967801	0.487184	0.00010453	0.09379	0.052555

16w_SITTE12	0.04548097	0.44630694	9.97E-05	0.10268	0.16436
16w_SITTE12	0.0532609	0.5220796	0.00010807	0.092373	-0.07149
16w_SITTE12	0.06820398	0.66761786	0.00012136	0.085284	-0.74427
16w_SITTE12	0.04894395	0.4800346	0.00010381	0.094798	0.072211
16w_SITTE12	0.06042425	0.59184706	0.00011492	0.0987	-0.37638
16w_SITTE12	0.06589298	0.64510983	0.00011953	0.092756	-0.64315
16w_SITTE12	0.0500364	0.4906746	0.0001049	0.093366	0.042456
16w_SITTE12	0.05428571	0.53206074	0.0001091	0.092966	-0.11022
16w_SITTE12	0.03584705	0.3524772	8.86E-05	0.098764	0.49376
16w_SITTE12	0.02229059	0.22044398	7.26E-05	0.037419	0.64161
16w_SITTE12	0.07802714	0.76329064	0.00012759	0.058113	-1.1478
16w_SITTE12	0.04787677	0.46964082	0.00010234	0.09734	0.10061
16w_SITTE12	0.06170632	0.6043338	0.00011613	0.098894	-0.42501
16w_SITTE12	0.043434	0.42637038	9.74E-05	0.10696	0.21998
16w_SITTE12	0.05246327	0.5143111	0.00010738	0.092189	-0.03476
16w_SITTE12	0.05781261	0.566411	0.00011241	0.096416	-0.25188
16w_SITTE12	0.08171739	0.7992318	0.00012959	0.054253	-1.2361
16w_SITTE12	0.07713408	0.75459266	0.0001272	0.059217	-1.117
16w_SITTE12	0.07213494	0.70590353	0.00012401	0.07238	-0.93514
16w_SITTE12	0.03827797	0.37615314	9.14E-05	0.10717	0.38979
16w_SITTE12	0.05956124	0.5834418	0.000114	0.098059	-0.32873
16w_SITTE12	0.07522607	0.73600954	0.00012598	0.063504	-1.0589
16w_SITTE12	0.06845639	0.6700762	0.00012136	0.085284	-0.7609
16w_SITTE12	0.05245847	0.51426435	0.00010738	0.092189	-0.03476
16w_SITTE12	0.04319131	0.42400673	9.74E-05	0.10696	0.22964
16w_SITTE12	0.09195998	0.8989897	0.00013385	0.052525	-1.3372
16w_SITTE12	0.06693382	0.6552471	0.00012032	0.089759	-0.69393
16w_SITTE12	0.04279725	0.42016876	9.70E-05	0.10755	0.23945
16w_SITTE12	0.06049066	0.5924939	0.00011492	0.0987	-0.37638
16w_SITTE12	0.05677222	0.5562781	0.00011144	0.095284	-0.20754
16w_SITTE12	0.03110275	0.30627006	8.32E-05	0.075317	0.69526
16w_SITTE12	0.02442802	0.24126142	7.50E-05	0.043782	0.72811
16w_SITTE12	0.062359	0.6106906	0.00011672	0.098627	-0.4579
16w_SITTE12	0.06381258	0.6248478	0.00011787	0.097201	-0.5246
16w_SITTE12	0.08379597	0.8194762	0.00013058	0.053285	-1.2702
16w_SITTE12	0.05701057	0.55859953	0.00011177	0.095663	-0.22216
16w_SITTE12	0.07410184	0.7250601	0.00012534	0.066176	-1.0201
16w_SITTE12	0.06374115	0.62415206	0.00011787	0.097201	-0.5246
16w_SITTE12	0.04355677	0.4275661	9.78E-05	0.10633	0.21998
16w_SITTE12	0.05475555	0.53663677	0.00010944	0.093233	-0.12355
16w_SITTE12	0.06624682	0.6485561	0.00011979	0.091802	-0.66011
16w_SITTE12	0.04899419	0.4805239	0.00010381	0.094798	0.072211
16w_SITTE12	0.08616159	0.8425162	0.00013164	0.052775	-1.2997
16w_SITTE12	0.06698985	0.6557928	0.00012032	0.089759	-0.69393
16w_SITTE12	0.07079492	0.6928523	0.00012308	0.076976	-0.87403
16w_SITTE12	0.03641019	0.3579619	8.94E-05	0.10166	0.47826

16w_SITTE12	0.05125592	0.50255203	0.00010597	0.092472	-0.0001745
16w_SITTE12	0.08112101	0.79342335	0.00012924	0.054725	-1.2227
16w_SITTE12	0.00945345	0.09541649	5.95E-05	0.014213	0.11014
16w_SITTE12	0.03865985	0.37987247	9.22E-05	0.10852	0.37625
16w_SITTE12	0.04341444	0.42617995	9.74E-05	0.10696	0.21998
16w_SITTE12	0.0787024	0.7698673	0.00012797	0.057152	-1.1666
16w_SITTE12	0.04138199	0.40638483	9.54E-05	0.10929	0.28067
16w_SITTE12	0.04524857	0.4440434	9.97E-05	0.10268	0.17344
16w_SITTE12	0.00948406	0.09571462	5.95E-05	0.014213	0.11014
16w_SITTE12	0.05515884	0.54056454	0.00011011	0.093847	-0.13708
16w_SITTE12	0.0495008	0.48545805	0.00010417	0.094268	0.052555
16w_SITTE12	0.05348807	0.5242921	0.00010842	0.092532	-0.07149
16w_SITTE12	0.04369069	0.42887044	9.78E-05	0.10633	0.21046
16w_SITTE12	0.07200448	0.7046328	0.00012401	0.07238	-0.92016
16w_SITTE12	0.06751271	0.6608852	0.00012084	0.087573	-0.71078
16w_SITTE12	0.05016979	0.4919737	0.0001049	0.093366	0.032151
16w_SITTE12	0.04325978	0.42467356	9.74E-05	0.10696	0.22964
16w_SITTE12	0.04420452	0.43387488	9.86E-05	0.10494	0.20107
16w_SITTE12	0.0665329	0.65134233	0.00012006	0.090801	-0.66011
16w_SITTE12	0.04762546	0.46719313	0.00010234	0.09734	0.10986
16w_SITTE12	0.016223	0.1613486	6.58E-05	0.023731	0.27899
16w_SITTE12	0.06413125	0.6279515	0.00011815	0.096641	-0.54144
16w_SITTE12	0.06717052	0.6575525	0.00012058	0.088682	-0.69393
16w_SITTE12	0.04822221	0.47300524	0.00010271	0.09665	0.091263
16w_SITTE12	0.0262529	0.2590349	7.70E-05	0.050154	0.76965
16w_SITTE12	0.07005081	0.6856051	0.0001226	0.07935	-0.8424
16w_SITTE12	0.05082189	0.49832487	0.00010561	0.092703	0.021622
16w_SITTE12	0.02401255	0.23721494	7.46E-05	0.042633	0.71639
16w_SITTE12	0.04019437	0.39481795	9.38E-05	0.10975	0.32588
16w_SITTE12	0.05480027	0.53707224	0.00010978	0.093528	-0.12355
16w_SITTE12	0.06124087	0.5998006	0.00011553	0.098907	-0.4087
16w_SITTE12	0.07104124	0.6952514	0.00012331	0.075804	-0.88959
16w_SITTE12	0.05122258	0.50222737	0.00010597	0.092472	-0.0001745
16w_SITTE12	0.06918558	0.67717814	0.00012186	0.08293	-0.79386
16w_SITTE12	0.06226419	0.60976714	0.00011642	0.098794	-0.4579
16w_SITTE12	0.0459008	0.4503958	0.00010046	0.10111	0.1553
16w_SITTE12	0.07535774	0.737292	0.00012598	0.063504	-1.0589
16w_SITTE12	0.06809233	0.66653043	0.0001211	0.086439	-0.74427
16w_SITTE12	0.05246029	0.51428205	0.00010738	0.092189	-0.03476
16w_SITTE12	0.04977093	0.488089	0.00010453	0.09379	0.052555
16w_SITTE12	0.07460476	0.7299583	0.00012556	0.06525	-1.0333
16w_SITTE12	0.05311946	0.52070194	0.00010807	0.092373	-0.059017
16w_SITTE12	0.05147208	0.5046574	0.00010632	0.092309	-0.0001745
16w_SITTE12	0.06156362	0.602944	0.00011583	0.09893	-0.42501
16w_SITTE12	0.03962263	0.38924953	9.30E-05	0.10937	0.33794
16w_SITTE12	0.04997322	0.4900592	0.0001049	0.093366	0.042456

16w_SITTE12	0.07996466	0.7821611	0.00012871	0.055605	-1.2004
16w_SITTE12	0.03158212	0.31093886	8.36E-05	0.07721	0.6834
16w_SITTE12	0.04950479	0.4854969	0.00010417	0.094268	0.052555
16w_SITTE12	0.06127896	0.60017157	0.00011553	0.098907	-0.4087
16w_SITTE12	0.02855434	0.28144982	7.99E-05	0.060913	0.76245
16w_SITTE12	0.0281641	0.2776491	7.94E-05	0.059253	0.76661
16w_SITTE12	0.02488548	0.24571685	7.54E-05	0.044969	0.74769
16w_SITTE12	0.02676252	0.26399836	7.78E-05	0.053015	0.77158
16w_SITTE12	0.04946934	0.4851517	0.00010417	0.094268	0.052555
16w_SITTE12	0.0272988	0.26922143	7.82E-05	0.054511	0.77153
16w_SITTE12	0.072527	0.7097219	0.00012424	0.071279	-0.9499
16w_SITTE12	0.05421901	0.5314111	0.0001091	0.092966	-0.097097
16w_SITTE12	0.05839614	0.5720943	0.00011305	0.097132	-0.2822
16w_SITTE12	0.07414515	0.725482	0.00012534	0.066176	-1.0201
16w_SITTE12	0.04451016	0.4368517	9.89E-05	0.10421	0.19178
16w_SITTE12	0.05705702	0.55905193	0.00011177	0.095663	-0.22216
16w_SITTE12	0.06237907	0.6108861	0.00011672	0.098627	-0.4579
16w_SITTE12	0.06861275	0.67159915	0.00012161	0.084113	-0.7609
16w_SITTE12	0.04626267	0.4539203	0.00010084	0.10033	0.14626
16w_SITTE12	0.0478632	0.46950865	0.00010234	0.09734	0.10061
16w_SITTE12	0.05309652	0.5204786	0.00010807	0.092373	-0.059017
16w_SITTE12	0.01300723	0.13002853	6.27E-05	0.018769	0.14454
16w_SITTE12	0.04891698	0.47977194	0.00010344	0.095375	0.072211
16w_SITTE12	0.01217546	0.12192748	6.17E-05	0.017303	0.12723
16w_SITTE12	0.04701106	0.46120918	0.00010159	0.098799	0.12814
16w_SITTE12	0.02772725	0.27339435	7.90E-05	0.057632	0.76966
16w_SITTE12	0.04710968	0.4621697	0.00010159	0.098799	0.11903
16w_SITTE12	0.04232072	0.41552758	9.62E-05	0.10856	0.24945
16w_SITTE12	0.04044227	0.39723238	9.42E-05	0.10978	0.31414
16w_SITTE12	0.01383814	0.13812123	6.34E-05	0.019794	0.16714
16w_SITTE12	0.01150591	0.11540638	6.14E-05	0.016833	0.11542
16w_SITTE12	0.0555886	0.5447502	0.00011045	0.094186	-0.1508
16w_SITTE12	0.01807527	0.1793888	6.80E-05	0.027619	0.4001
16w_SITTE12	0.0455549	0.44702688	0.00010009	0.1019	0.16436
16w_SITTE12	0.01007108	0.10143187	5.98E-05	0.014626	0.1081
16w_SITTE12	0.05538944	0.5428105	0.00011011	0.093847	-0.1508
16w_SITTE12	0.02928744	0.28858978	8.07E-05	0.064343	0.7438
16w_SITTE12	0.04602566	0.45161188	0.00010046	0.10111	0.1553
16w_SITTE12	0.06748041	0.6605706	0.00012084	0.087573	-0.71078
16w_SITTE12	0.00269998	0.02964098	5.39E-05	0.007795	0.3272
16w_SITTE12	0.05536382	0.54256094	0.00011011	0.093847	-0.1508
16w_SITTE12	0.0828334	0.8101013	0.00013009	0.053693	-1.2543
16w_SITTE12	0.09051061	0.88487357	0.00013338	0.052577	-1.3301
16w_SITTE12	0.06871984	0.6726421	0.00012161	0.084113	-0.77743
16w_SITTE12	0.03571897	0.35122976	8.86E-05	0.098764	0.50933
16w_SITTE12	0.05113921	0.5014154	0.00010597	0.092472	0.010852

16w_SITTE12	0.00871704	0.08824416	5.86E-05	0.013029	0.12259
16w_SITTE12	0.02188017	0.21644662	7.22E-05	0.03647	0.62396
16w_SITTE12	0.07596035	0.7431611	0.0001264	0.06191	-1.0832
16w_SITTE12	0.05392173	0.52851576	0.00010876	0.092731	-0.097097
16w_SITTE12	0.0577483	0.56578463	0.00011241	0.096416	-0.25188
16w_SITTE12	0.03695739	0.36329144	9.02E-05	0.1042	0.4477
16w_SITTE12	0.01043394	0.10496596	6.02E-05	0.015048	0.10718
16w_SITTE12	0.04956085	0.4860429	0.00010417	0.094268	0.052555
16w_SITTE12	0.07205863	0.7051603	0.00012401	0.07238	-0.93514
16w_SITTE12	0.07159069	0.70060277	0.00012355	0.074645	-0.90497
16w_SITTE12	0.02253504	0.2228248	7.30E-05	0.038397	0.65846
16w_SITTE12	0.03101301	0.30539608	8.28E-05	0.073435	0.69526
16w_SITTE12	0.06852689	0.67076284	0.00012161	0.084113	-0.7609
16w_SITTE12	0.04680616	0.45921358	0.00010122	0.099559	0.12814
16w_SITTE12	0.07626733	0.746151	0.0001266	0.061174	-1.0948
16w_SITTE12	0.03975436	0.39053252	9.34E-05	0.10962	0.33794
16w_SITTE12	0.07344713	0.7186836	0.00012491	0.068128	-0.99278
16w_SITTE12	0.06602146	0.6463612	0.00011953	0.092756	-0.64315
16w_SITTE12	0.04640173	0.45527467	0.00010084	0.10033	0.13721
16w_SITTE12	0.08767439	0.85725015	0.00013221	0.052667	-1.3123
16w_SITTE12	0.05978174	0.58558935	0.00011431	0.098311	-0.3445
16w_SITTE12	0.05600125	0.5487692	0.00011078	0.094541	-0.17881
16w_SITTE12	0.05018923	0.49216303	0.0001049	0.093366	0.032151
16w_SITTE12	0.04791832	0.47004545	0.00010271	0.09665	0.10061
16w_SITTE12	0.00853427	0.08646412	5.86E-05	0.013029	0.12259
16w_SITTE12	0.0459939	0.4513026	0.00010046	0.10111	0.1553
16w_SITTE12	0.07361823	0.72035	0.00012491	0.068128	-0.99278
16w_SITTE12	0.05203947	0.5101834	0.00010703	0.092172	-0.022986
16w_SITTE12	0.07311556	0.7154542	0.00012469	0.069151	-0.97873
16w_SITTE12	0.05306033	0.52012616	0.00010807	0.092373	-0.059017
16w_SITTE12	0.04311333	0.42324725	9.74E-05	0.10696	0.22964
16w_SITTE12	0.05895439	0.57753134	0.00011368	0.097776	-0.29758
16w_SITTE12	0.06356546	0.622441	0.00011758	0.097678	-0.5246
16w_SITTE12	0.02301622	0.22751124	7.34E-05	0.039406	0.67444
16w_SITTE12	0.04672856	0.45845783	0.00010122	0.099559	0.12814
16w_SITTE12	0.05312889	0.5207939	0.00010807	0.092373	-0.059017
16w_SITTE12	0.0568374	0.55691296	0.00011177	0.095663	-0.20754
16w_SITTE12	0.04998741	0.49019736	0.0001049	0.093366	0.042456
16w_SITTE12	0.04204473	0.4128396	9.58E-05	0.10896	0.25963
16w_SITTE12	0.01644066	0.16346848	6.62E-05	0.024342	0.29808
16w_SITTE12	0.0688122	0.6735416	0.00012161	0.084113	-0.77743
16w_SITTE12	0.07784724	0.7615385	0.00012759	0.058113	-1.1379
16w_SITTE12	0.04647709	0.45600858	0.00010084	0.10033	0.13721
16w_SITTE12	0.06336201	0.62045944	0.00011758	0.097678	-0.50782
16w_SITTE12	0.0125181	0.12526463	6.21E-05	0.017782	0.13519
16w_SITTE12	0.06872939	0.67273504	0.00012161	0.084113	-0.77743

16w_SITTE12	0.06430617	0.6296551	0.00011815	0.096641	-0.55833
16w_SITTE12	0.04240327	0.4163316	9.62E-05	0.10856	0.24945
16w_SITTE12	0.04504276	0.44203898	9.93E-05	0.10345	0.17344
16w_SITTE12	0.06296215	0.61656505	0.00011701	0.098387	-0.49111
16w_SITTE12	0.0689005	0.67440164	0.00012186	0.08293	-0.77743
16w_SITTE12	0.01824383	0.18103053	6.80E-05	0.027619	0.4001
16w_SITTE12	0.04853138	0.47601643	0.00010308	0.095994	0.081803
16w_SITTE12	0.06734315	0.65923375	0.00012058	0.088682	-0.71078
16w_SITTE12	0.07706781	0.7539472	0.000127	0.059827	-1.117
16w_SITTE12	0.045976	0.45112827	0.00010046	0.10111	0.1553
16w_SITTE12	0.02055968	0.20358574	7.06E-05	0.032941	0.54704
16w_SITTE12	0.05890018	0.57700336	0.00011368	0.097776	-0.29758
16w_SITTE12	0.0258181	0.25480014	7.66E-05	0.04879	0.7616
16w_SITTE12	0.06055418	0.5931125	0.00011492	0.0987	-0.37638
16w_SITTE12	0.03597983	0.3537704	8.90E-05	0.10026	0.49376
16w_SITTE12	0.08500233	0.8312255	0.0001312	0.05293	-1.2841
16w_SITTE12	0.02264887	0.2239334	7.30E-05	0.038397	0.65846
16w_SITTE12	0.07564121	0.7400528	0.00012619	0.062687	-1.0712
16w_SITTE12	0.04808945	0.47171223	0.00010271	0.09665	0.091263
16w_SITTE12	0.08756372	0.85617226	0.00013221	0.052667	-1.3123
16w_SITTE12	0.00402725	0.04256795	5.50E-05	0.0088178	0.2638
16w_SITTE12	0.03543054	0.34842062	8.81E-05	0.097198	0.50933
16w_SITTE12	0.06006289	0.58832765	0.00011462	0.098526	-0.3445
16w_SITTE12	0.0535455	0.52485144	0.00010842	0.092532	-0.07149
16w_SITTE12	0.03830244	0.37639153	9.18E-05	0.10791	0.38979
16w_SITTE12	0.0157743	0.1569785	6.54E-05	0.023132	0.26052
16w_SITTE12	0.01526105	0.15197967	6.47E-05	0.021973	0.24275
16w_SITTE12	0.03738437	0.36745	9.06E-05	0.10531	0.43275
16w_SITTE12	0.01324207	0.13231575	6.30E-05	0.019276	0.15521
16w_SITTE12	0.05913545	0.57929486	0.00011368	0.097776	-0.31309
16w_SITTE12	0.05634504	0.5521176	0.00011111	0.094909	-0.19309
16w_SITTE12	0.02775232	0.2736385	7.90E-05	0.057632	0.76966
16w_SITTE12	0.02872217	0.28308436	8.03E-05	0.062611	0.75723
16w_SITTE12	0.06016007	0.58927417	0.00011462	0.098526	-0.36038
16w_SITTE12	0.06124223	0.5998139	0.00011553	0.098907	-0.4087
16w_SITTE12	0.07146735	0.69940144	0.00012355	0.074645	-0.90497
16w_SITTE12	0.05197432	0.50954896	0.00010668	0.092211	-0.022986
16w_SITTE12	0.06610348	0.64716005	0.00011979	0.091802	-0.64315
16w_SITTE12	0.07305782	0.71489185	0.00012469	0.069151	-0.96444
16w_SITTE12	0.03740899	0.3676898	9.06E-05	0.10531	0.43275
16w_SITTE12	0.07826506	0.76560783	0.00012778	0.057615	-1.1573
16w_SITTE12	0.06357894	0.62257224	0.00011758	0.097678	-0.5246
16w_SITTE12	0.04462781	0.43799755	9.89E-05	0.10421	0.19178
16w_SITTE12	0.05850943	0.57319766	0.00011305	0.097132	-0.2822
16w_SITTE12	0.08461002	0.8274047	0.00013089	0.053084	-1.2797
16w_SITTE12	0.08667986	0.8475639	0.00013179	0.052739	-1.3031

16w_SITTE12	0.01423623	0.14199841	6.37E-05	0.020323	0.19442
16w_SITTE12	0.02441464	0.24113119	7.50E-05	0.043782	0.72811
16w_SITTE12	0.0242137	0.23917408	7.50E-05	0.043782	0.72811
16w_SITTE12	0.05828479	0.5710098	0.00011305	0.097132	-0.26697
16w_SITTE12	0.08019286	0.78438365	0.00012889	0.055287	-1.2004
16w_SITTE12	0.06032351	0.5908659	0.00011492	0.0987	-0.36038
16w_SITTE12	0.04180132	0.41046885	9.58E-05	0.10896	0.27003
16w_SITTE12	0.05086323	0.4987275	0.00010561	0.092703	0.010852
16w_SITTE12	0.03117532	0.30697682	8.32E-05	0.075317	0.69526
16w_SITTE12	0.01037664	0.10440793	6.02E-05	0.015048	0.10718
16w_SITTE12	0.08364875	0.81804234	0.00013058	0.053285	-1.2651
16w_SITTE12	0.03215746	0.3165424	8.44E-05	0.081011	0.65793
16w_SITTE12	0.04972107	0.48760334	0.00010453	0.09379	0.052555
16w_SITTE12	0.0562353	0.5510488	0.00011111	0.094909	-0.17881
16w_SITTE12	0.06519079	0.6382708	0.00011898	0.094504	-0.59222
16w_SITTE12	0.05715613	0.5600172	0.00011177	0.095663	-0.22216
16w_SITTE12	0.08016605	0.7841226	0.00012871	0.055605	-1.2004
16w_SITTE12	0.05660823	0.5546809	0.00011144	0.095284	-0.19309
16w_SITTE12	0.06924457	0.67775273	0.00012211	0.081739	-0.79386
16w_SITTE12	0.07394118	0.72349536	0.00012513	0.067136	-1.0066
16w_SITTE12	0.07849018	0.7678004	0.00012797	0.057152	-1.1573
16w_SITTE12	0.08633893	0.8442434	0.00013164	0.052775	-1.2997
16w_SITTE12	0.00283077	0.03091481	5.39E-05	0.007795	0.3272
16w_SITTE12	0.07367685	0.7209209	0.00012513	0.067136	-0.99278
16w_SITTE12	0.05208955	0.51067114	0.00010703	0.092172	-0.022986
16w_SITTE12	0.0692642	0.6779438	0.00012211	0.081739	-0.79386
16w_SITTE12	0.02316586	0.22896868	7.34E-05	0.039406	0.68948
16w_SITTE12	0.06905556	0.6759118	0.00012186	0.08293	-0.79386
16w_SITTE12	0.05403172	0.5295869	0.00010876	0.092731	-0.097097
16w_SITTE12	0.07280696	0.71244866	0.00012446	0.070202	-0.96444
16w_SITTE12	0.06795734	0.66521573	0.0001211	0.086439	-0.74427
16w_SITTE12	0.054022	0.5294923	0.00010876	0.092731	-0.097097
16w_SITTE12	0.05324874	0.5219611	0.00010807	0.092373	-0.07149
16w_SITTE12	0.04830715	0.47383246	0.00010308	0.095994	0.091263
16w_SITTE12	0.05955377	0.583369	0.000114	0.098059	-0.32873
16w_SITTE12	0.04584081	0.44981158	0.00010009	0.1019	0.1553
16w_SITTE12	0.06154769	0.60278887	0.00011583	0.09893	-0.42501
16w_SITTE12	0.05723699	0.5608048	0.00011209	0.096042	-0.22216
16w_SITTE12	0.02740275	0.2702339	7.86E-05	0.05605	0.77153
16w_SITTE12	0.06285435	0.61551505	0.00011701	0.098387	-0.49111
16w_SITTE12	0.05486554	0.5377079	0.00010978	0.093528	-0.12355
16w_SITTE12	0.04222132	0.4145595	9.62E-05	0.10856	0.25963
16w_SITTE12	0.00339657	0.03642539	5.44E-05	0.0082917	0.2947
16w_SITTE12	0.08533763	0.83449125	0.00013135	0.05287	-1.2883
16w_SITTE12	0.0468891	0.46002144	0.00010159	0.098799	0.12814
16w_SITTE12	0.03748015	0.36838284	9.06E-05	0.10531	0.41807

16w_SITTE12	0.04815722	0.4723723	0.00010271	0.09665	0.091263
16w_SITTE12	0.05602223	0.54897356	0.00011078	0.094541	-0.17881
16w_SITTE12	0.06845168	0.67003036	0.00012136	0.085284	-0.7609
16w_SITTE12	0.06262513	0.6132826	0.00011672	0.098627	-0.47447
16w_SITTE12	0.08526317	0.83376604	0.0001312	0.05293	-1.2883
16w_SITTE12	0.07643156	0.74775046	0.0001268	0.060479	-1.0948
16w_SITTE12	0.05339244	0.5233607	0.00010807	0.092373	-0.07149
16w_SITTE12	0.08360226	0.8175895	0.00013042	0.053406	-1.2651
16w_SITTE12	0.05436533	0.53283614	0.0001091	0.092966	-0.11022
16w_SITTE12	0.01821306	0.18073077	6.80E-05	0.027619	0.4001
16w_SITTE12	0.07426637	0.72666264	0.00012534	0.066176	-1.0201
16w_SITTE12	0.05962056	0.58401954	0.00011431	0.098311	-0.32873
16w_SITTE12	0.04815909	0.4723905	0.00010271	0.09665	0.091263
16w_SITTE12	0.04131766	0.40575826	9.50E-05	0.10955	0.28067
16w_SITTE12	0.01739755	0.17278811	6.72E-05	0.026262	0.35829
16w_SITTE12	0.05664456	0.5550348	0.00011144	0.095284	-0.20754
16w_SITTE12	0.06639987	0.6500467	0.00011979	0.091802	-0.66011
16w_SITTE12	0.05387296	0.5280407	0.00010876	0.092731	-0.084185
16w_SITTE12	0.04039664	0.39678803	9.42E-05	0.10978	0.31414
16w_SITTE12	0.04634347	0.4547072	0.00010084	0.10033	0.14626
16w_SITTE12	0.05429766	0.5321771	0.0001091	0.092966	-0.11022
16w_SITTE12	0.03553784	0.3494657	8.81E-05	0.097198	0.50933
16w_SITTE12	0.05049889	0.495179	0.00010525	0.093003	0.021622
16w_SITTE12	0.03267978	0.32162958	8.48E-05	0.082909	0.64444
16w_SITTE12	0.06012323	0.58891535	0.00011462	0.098526	-0.36038
16w_SITTE12	0.06034467	0.591072	0.00011492	0.0987	-0.36038
16w_SITTE12	0.012573	0.12579933	6.24E-05	0.018271	0.13519
16w_SITTE12	0.07410903	0.7251302	0.00012534	0.066176	-1.0201
16w_SITTE12	0.03022567	0.29772773	8.19E-05	0.069725	0.72675
16w_SITTE12	0.06651992	0.6512159	0.00012006	0.090801	-0.66011
16w_SITTE12	0.02259596	0.22341809	7.30E-05	0.038397	0.65846
16w_SITTE12	0.04416142	0.43345508	9.86E-05	0.10494	0.20107
16w_SITTE12	0.04458209	0.43755224	9.89E-05	0.10421	0.19178
16w_SITTE12	0.06191833	0.60639864	0.00011613	0.098894	-0.44141
16w_SITTE12	0.03321917	0.326883	8.57E-05	0.086671	0.61617
16w_SITTE12	0.0480861	0.47167957	0.00010271	0.09665	0.091263
16w_SITTE12	0.07633479	0.74680793	0.0001266	0.061174	-1.0948
16w_SITTE12	0.07519816	0.73573774	0.00012598	0.063504	-1.0589
16w_SITTE12	0.02670004	0.26338977	7.78E-05	0.053015	0.77158
16w_SITTE12	0.08116612	0.79386276	0.00012924	0.054725	-1.2227
16w_SITTE12	0.05232955	0.51300865	0.00010703	0.092172	-0.03476
16w_SITTE12	0.05288581	0.51842636	0.00010773	0.092257	-0.059017
16w_SITTE12	0.02835672	0.27952507	7.99E-05	0.060913	0.76245
16w_SITTE12	0.05736017	0.5620045	0.00011209	0.096042	-0.23694
16w_SITTE12	0.09726778	0.950685	0.00013546	0.052239	-1.3446
16w_SITTE12	0.05354571	0.5248535	0.00010842	0.092532	-0.07149

16w_SITTE12	0.07102183	0.69506234	0.00012331	0.075804	-0.88959
16w_SITTE12	0.06004873	0.5881897	0.00011462	0.098526	-0.3445
16w_SITTE12	0.0822615	0.8045313	0.00012993	0.053861	-1.2424
16w_SITTE12	0.04783846	0.4692677	0.00010234	0.09734	0.10061
16w_SITTE12	0.04004952	0.3934072	9.38E-05	0.10975	0.32588
16w_SITTE12	0.05831232	0.5712779	0.00011305	0.097132	-0.26697
16w_SITTE12	0.05234908	0.51319885	0.00010703	0.092172	-0.03476
16w_SITTE12	0.04729655	0.4639897	0.00010197	0.098057	0.11903
16w_SITTE12	0.06547216	0.64101124	0.00011925	0.093659	-0.60919
16w_SITTE12	0.08460575	0.8273631	0.00013089	0.053084	-1.2797
16w_SITTE12	0.06624503	0.6485387	0.00011979	0.091802	-0.66011
16w_SITTE12	0.00978611	0.09865639	5.95E-05	0.014213	0.1081
16w_SITTE12	0.03128169	0.30801287	8.32E-05	0.075317	0.69526
16w_SITTE12	0.0513497	0.5034655	0.00010632	0.092309	-0.0001745
16w_SITTE12	0.04993274	0.4896649	0.00010453	0.09379	0.042456
16w_SITTE12	0.01020671	0.10275284	6.02E-05	0.015048	0.10718
16w_SITTE12	0.00362662	0.03866597	5.47E-05	0.008551	0.27903
16w_SITTE12	0.06394409	0.6261287	0.00011787	0.097201	-0.54144
16w_SITTE12	0.00970752	0.09789097	5.95E-05	0.014213	0.11014
16w_SITTE12	0.0610224	0.5976728	0.00011553	0.098907	-0.39249
16w_SITTE12	0.03543195	0.34843433	8.81E-05	0.097198	0.50933
16w_SITTE12	0.07536738	0.7373859	0.00012598	0.063504	-1.0589
16w_SITTE12	0.08439684	0.8253284	0.00013089	0.053084	-1.2797
16w_SITTE12	0.05138778	0.50383633	0.00010632	0.092309	-0.0001745
16w_SITTE12	0.0157142	0.15639314	6.54E-05	0.023132	0.26052
16w_SITTE12	0.02835152	0.2794744	7.99E-05	0.060913	0.76245
16w_SITTE12	0.04838735	0.47461355	0.00010308	0.095994	0.091263
16w_SITTE12	0.07213593	0.70591307	0.00012401	0.07238	-0.93514
16w_SITTE12	0.05117042	0.50171936	0.00010597	0.092472	-0.0001745
16w_SITTE12	0.06640144	0.650062	0.00011979	0.091802	-0.66011
16w_SITTE12	0.03832182	0.3765803	9.18E-05	0.10791	0.38979
16w_SITTE12	0.0529346	0.5189016	0.00010773	0.092257	-0.059017
16w_SITTE12	0.01115155	0.11195511	6.08E-05	0.015922	0.1115
16w_SITTE12	0.05187856	0.5086162	0.00010668	0.092211	-0.022986
16w_SITTE12	0.00197175	0.0225484	5.34E-05	0.0073266	0.36099
16w_SITTE12	0.00729917	0.0744348	5.75E-05	0.011579	0.15252
16w_SITTE12	0.05461279	0.5352463	0.00010944	0.093233	-0.12355
16w_SITTE12	0.04349027	0.42691848	9.78E-05	0.10633	0.21998
16w_SITTE12	0.06622508	0.64834434	0.00011979	0.091802	-0.66011
16w_SITTE12	0.04379271	0.42986402	9.82E-05	0.10565	0.21046
16w_SITTE12	0.03360756	0.3306657	8.61E-05	0.088522	0.60151
16w_SITTE12	0.04818931	0.47268483	0.00010271	0.09665	0.091263
16w_SITTE12	0.04699971	0.46109864	0.00010159	0.098799	0.12814
16w_SITTE12	0.01156648	0.11599632	6.14E-05	0.016833	0.11542
16w_SITTE12	0.03039673	0.2993938	8.23E-05	0.07157	0.71698
16w_SITTE12	0.06085644	0.59605634	0.00011523	0.098828	-0.39249

16w_SITTE12	0.01002719	0.10100443	5.98E-05	0.014626	0.1081
16w_SITTE12	0.06478861	0.6343538	0.00011871	0.095287	-0.57526
16w_SITTE12	0.0274631	0.27082163	7.86E-05	0.05605	0.77153
16w_SITTE12	0.04638227	0.4550851	0.00010084	0.10033	0.13721
16w_SITTE12	0.03792494	0.37271488	9.10E-05	0.1063	0.40374
16w_SITTE12	0.07729307	0.7561411	0.0001272	0.059217	-1.1276
16w_SITTE12	0.05972958	0.5850814	0.00011431	0.098311	-0.3445
16w_SITTE12	0.07490503	0.7328828	0.00012577	0.064358	-1.0462
16w_SITTE12	0.07023915	0.6874394	0.00012284	0.078159	-0.8424
16w_SITTE12	0.06152818	0.6025988	0.00011583	0.09893	-0.42501
16w_SITTE12	0.05213292	0.51109356	0.00010703	0.092172	-0.022986
16w_SITTE12	0.06191407	0.6063572	0.00011613	0.098894	-0.44141
16w_SITTE12	0.03302744	0.32501557	8.52E-05	0.084798	0.61617
16w_SITTE12	0.06714188	0.6572735	0.00012058	0.088682	-0.69393
16w_SITTE12	0.08605373	0.84146565	0.00013164	0.052775	-1.2961
16w_SITTE12	0.07626942	0.7461713	0.0001266	0.061174	-1.0948
16w_SITTE12	0.00704543	0.07196354	5.75E-05	0.011579	0.15252
16w_SITTE12	0.01188207	0.11907004	6.17E-05	0.017303	0.12065
16w_SITTE12	0.05375123	0.5268551	0.00010876	0.092731	-0.084185
16w_SITTE12	0.05909278	0.5788792	0.00011368	0.097776	-0.31309
16w_SITTE12	0.06766628	0.6623809	0.00012084	0.087573	-0.72756
16w_SITTE12	0.07735595	0.75675356	0.0001272	0.059217	-1.1276
16w_SITTE12	0.07198955	0.70448744	0.00012401	0.07238	-0.92016
16w_SITTE12	0.02972669	0.2928679	8.15E-05	0.067903	0.7357
16w_SITTE12	0.04438961	0.43567756	9.86E-05	0.10494	0.19178
16w_SITTE12	0.00868609	0.08794274	5.86E-05	0.013029	0.12259
16w_SITTE12	0.0360751	0.3546983	8.90E-05	0.10026	0.49376
16w_SITTE12	0.07373051	0.72144353	0.00012513	0.067136	-0.99278
16w_SITTE12	0.08733577	0.8539521	0.00013207	0.052686	-1.3094
16w_SITTE12	0.0747198	0.73107874	0.00012577	0.064358	-1.0333
16w_SITTE12	0.05648345	0.55346566	0.00011111	0.094909	-0.19309
16w_SITTE12	0.03555297	0.34961304	8.86E-05	0.098764	0.50933
16w_SITTE12	0.00866271	0.08771509	5.86E-05	0.013029	0.12259
16w_SITTE12	0.07838438	0.76676995	0.00012778	0.057615	-1.1573
16w_SITTE12	0.03809376	0.37435913	9.14E-05	0.10717	0.40374
16w_SITTE12	0.05821149	0.57029593	0.00011305	0.097132	-0.26697
16w_SITTE12	0.04137301	0.40629742	9.50E-05	0.10955	0.28067
16w_SITTE12	0.04802602	0.47109446	0.00010271	0.09665	0.10061
16w_SITTE12	0.07849523	0.7678496	0.00012797	0.057152	-1.1573
16w_SITTE12	0.02549704	0.25167322	7.62E-05	0.047472	0.7616
16w_SITTE12	0.07349138	0.71911454	0.00012491	0.068128	-0.99278
16w_SITTE12	0.05384778	0.5277955	0.00010876	0.092731	-0.084185
16w_SITTE12	0.0306885	0.3022355	8.23E-05	0.07157	0.70647
16w_SITTE12	0.04821859	0.47296998	0.00010271	0.09665	0.091263
16w_SITTE12	0.08877106	0.8679311	0.00013275	0.052622	-1.32
16w_SITTE12	0.04913543	0.48189953	0.00010381	0.094798	0.062467

16w_SITTE12	0.055302	0.5419589	0.00011011	0.093847	-0.1508
16w_SITTE12	0.06314306	0.61832696	0.0001173	0.098072	-0.49111
16w_SITTE12	0.03031752	0.29862234	8.19E-05	0.069725	0.71698
16w_SITTE12	0.04051872	0.397977	9.42E-05	0.10978	0.31414
16w_SITTE12	0.04910953	0.4816473	0.00010381	0.094798	0.072211
16w_SITTE12	0.05921516	0.58007115	0.00011368	0.097776	-0.31309
16w_SITTE12	0.00847637	0.08590022	5.86E-05	0.013029	0.12259
16w_SITTE12	0.00537202	0.05566534	5.61E-05	0.0099627	0.20797
16w_SITTE12	0.07632591	0.74672145	0.0001266	0.061174	-1.0948
16w_SITTE12	0.06390347	0.625733	0.00011787	0.097201	-0.54144
16w_SITTE12	0.06835038	0.6690437	0.00012136	0.085284	-0.7609
16w_SITTE12	0.02495169	0.2463617	7.58E-05	0.046199	0.74769
16w_SITTE12	0.04439375	0.4357179	9.86E-05	0.10494	0.19178
16w_SITTE12	0.07194049	0.70400965	0.00012378	0.073503	-0.92016
16w_SITTE12	0.07901964	0.772957	0.00012816	0.056721	-1.1755
16w_SITTE12	0.00677352	0.06931528	5.72E-05	0.011238	0.16213
16w_SITTE12	0.05487137	0.5377647	0.00010978	0.093528	-0.12355
16w_SITTE12	0.07463288	0.7302322	0.00012556	0.06525	-1.0333
16w_SITTE12	0.06299432	0.6168783	0.00011701	0.098387	-0.49111
16w_SITTE12	0.06145503	0.60188633	0.00011583	0.09893	-0.42501
16w_SITTE12	0.01214281	0.12160952	6.17E-05	0.017303	0.12065
16w_SITTE12	0.05579351	0.5467459	0.00011045	0.094186	-0.16472
16w_SITTE12	0.0441486	0.43333027	9.86E-05	0.10494	0.20107
16w_SITTE12	0.07755107	0.75865394	0.0001274	0.058646	-1.1379
16w_SITTE12	0.06072948	0.5948199	0.00011523	0.098828	-0.37638
16w_SITTE12	0.08074257	0.7897376	0.00012907	0.054994	-1.2155
16w_SITTE12	0.05730544	0.56147146	0.00011209	0.096042	-0.22216
16w_SITTE12	0.01353875	0.13520528	6.30E-05	0.019276	0.16714
16w_SITTE12	0.01542311	0.15355806	6.51E-05	0.022546	0.24275
16w_SITTE12	0.0631082	0.61798745	0.0001173	0.098072	-0.49111
16w_SITTE12	0.07682924	0.7516237	0.000127	0.059827	-1.1061
16w_SITTE12	0.03821419	0.37553203	9.14E-05	0.10717	0.38979
16w_SITTE12	0.03293878	0.3241521	8.52E-05	0.084798	0.6305
16w_SITTE12	0.04411114	0.4329654	9.82E-05	0.10565	0.20107
16w_SITTE12	0.04496695	0.44130057	9.93E-05	0.10345	0.18258
16w_SITTE12	0.08151347	0.7972458	0.00012942	0.054478	-1.2295
16w_SITTE12	0.01906286	0.18900743	6.91E-05	0.029782	0.46374
16w_SITTE12	0.05067575	0.4969015	0.00010561	0.092703	0.021622
16w_SITTE12	0.00991131	0.09987576	5.98E-05	0.014626	0.1081
16w_SITTE12	0.05378554	0.5271894	0.00010876	0.092731	-0.084185
16w_SITTE12	0.07788973	0.7619523	0.00012759	0.058113	-1.1478
16w_SITTE12	0.06818349	0.6674183	0.00012136	0.085284	-0.74427
16w_SITTE12	0.08142281	0.79636276	0.00012942	0.054478	-1.2295
16w_SITTE12	0.04322065	0.42429253	9.74E-05	0.10696	0.22964
16w_SITTE12	0.07964113	0.7790101	0.00012853	0.055948	-1.1924
16w_SITTE12	0.06652915	0.6513058	0.00012006	0.090801	-0.66011

16w_SITTE12	0.03967889	0.38979748	9.34E-05	0.10962	0.33794
16w_SITTE12	0.07066561	0.6915929	0.00012308	0.076976	-0.8583
16w_SITTE12	0.07329122	0.7171651	0.00012469	0.069151	-0.97873
16w_SITTE12	0.07398807	0.723952	0.00012513	0.067136	-1.0066
16w_SITTE12	0.00369482	0.03933029	5.47E-05	0.008551	0.27903
16w_SITTE12	0.08514235	0.8325893	0.0001312	0.05293	-1.2883
16w_SITTE12	0.05911866	0.57913125	0.00011368	0.097776	-0.31309
16w_SITTE12	0.03084539	0.30376345	8.28E-05	0.073435	0.70647
16w_SITTE12	0.00541159	0.05605076	5.61E-05	0.0099627	0.20797
16w_SITTE12	0.0498222	0.4885884	0.00010453	0.09379	0.042456
16w_SITTE12	0.05766843	0.56500673	0.00011241	0.096416	-0.25188
16w_SITTE12	0.0723972	0.70845777	0.00012424	0.071279	-0.9499
16w_SITTE12	0.01017182	0.10241301	6.02E-05	0.015048	0.10718
16w_SITTE12	0.07386753	0.7227781	0.00012513	0.067136	-1.0066
16w_SITTE12	0.06468341	0.6333292	0.00011843	0.096001	-0.57526
16w_SITTE12	0.00947733	0.09564909	5.95E-05	0.014213	0.11014
16w_SITTE12	0.06286176	0.6155873	0.00011701	0.098387	-0.49111
16w_SITTE12	0.01640596	0.16313054	6.62E-05	0.024342	0.29808
16w_SITTE12	0.06396998	0.62638074	0.00011787	0.097201	-0.54144
16w_SITTE12	0.08568344	0.8378592	0.0001315	0.052818	-1.2923
16w_SITTE12	0.09397838	0.91864794	0.00013452	0.052426	-1.3423
16w_SITTE12	0.08256182	0.8074562	0.00012993	0.053861	-1.2485
16w_SITTE12	0.00165785	0.01949115	5.31E-05	0.0071026	0.37827
16w_SITTE12	0.05234841	0.5131923	0.00010703	0.092172	-0.03476
16w_SITTE12	0.03466665	0.34098074	8.73E-05	0.093873	0.55601
16w_SITTE12	0.04981602	0.48852813	0.00010453	0.09379	0.042456
16w_SITTE12	0.05038288	0.49404913	0.00010525	0.093003	0.032151
16w_SITTE12	0.05052416	0.49542513	0.00010525	0.093003	0.021622
16w_SITTE12	0.04137196	0.40628713	9.50E-05	0.10955	0.28067
16w_SITTE12	0.07473864	0.7312622	0.00012577	0.064358	-1.0333
16w_SITTE12	0.05465956	0.5357018	0.00010944	0.093233	-0.12355
16w_SITTE12	0.07481376	0.7319939	0.00012577	0.064358	-1.0462
16w_SITTE12	0.04134623	0.4060366	9.50E-05	0.10955	0.28067
16w_SITTE12	0.04001552	0.39307612	9.38E-05	0.10975	0.32588
16w_SITTE12	0.07428954	0.72688824	0.00012534	0.066176	-1.0201
16w_SITTE12	0.05691043	0.5576242	0.00011177	0.095663	-0.20754
16w_SITTE12	0.03454993	0.33984393	8.73E-05	0.093873	0.55601
16w_SITTE12	0.01066497	0.10721609	6.05E-05	0.01548	0.10741
16w_SITTE12	0.07696223	0.7529189	0.000127	0.059827	-1.117
16w_SITTE12	0.04462528	0.43797284	9.89E-05	0.10421	0.19178
16w_SITTE12	0.02944785	0.2901521	8.11E-05	0.066108	0.7438
16w_SITTE12	0.00767177	0.07806374	5.78E-05	0.011928	0.14372
16w_SITTE12	0.04640105	0.45526803	0.00010084	0.10033	0.13721
16w_SITTE12	0.05001067	0.49042398	0.0001049	0.093366	0.042456
16w_SITTE12	0.04434021	0.43519643	9.86E-05	0.10494	0.19178
16w_SITTE12	0.03520956	0.34626842	8.81E-05	0.097198	0.52494

16w_SITTE12	0.06013174	0.5889982	0.00011462	0.098526	-0.36038
16w_SITTE12	0.06812301	0.6668292	0.0001211	0.086439	-0.74427
16w_SITTE12	0.0710096	0.6949432	0.00012331	0.075804	-0.87403
16w_SITTE12	0.01553425	0.15464045	6.51E-05	0.022546	0.24275
16w_SITTE12	0.05023538	0.49261248	0.0001049	0.093366	0.032151
16w_SITTE12	0.01527585	0.1521238	6.47E-05	0.021973	0.24275
16w_SITTE12	0.06205635	0.60774297	0.00011642	0.098794	-0.44141
16w_SITTE12	0.06996962	0.6848143	0.0001226	0.07935	-0.82636
16w_SITTE12	0.00679698	0.06954373	5.72E-05	0.011238	0.16213
16w_SITTE12	0.04469427	0.4386448	9.89E-05	0.10421	0.18258
16w_SITTE12	0.04684673	0.45960876	0.00010122	0.099559	0.12814
16w_SITTE12	0.06394424	0.62613004	0.00011787	0.097201	-0.54144
16w_SITTE12	0.03968627	0.3898694	9.34E-05	0.10962	0.33794
16w_SITTE12	0.08217586	0.8036971	0.00012976	0.054048	-1.2424
16w_SITTE12	0.04234876	0.41580066	9.62E-05	0.10856	0.24945
16w_SITTE12	0.06137298	0.6010872	0.00011583	0.09893	-0.4087
16w_SITTE12	0.07368206	0.7209717	0.00012513	0.067136	-0.99278
16w_SITTE12	0.04813051	0.4721121	0.00010271	0.09665	0.091263
16w_SITTE12	0.04922143	0.48273715	0.00010381	0.094798	0.062467
16w_SITTE12	0.08551755	0.8362435	0.00013135	0.05287	-1.2923
16w_SITTE12	0.037015	0.3638525	9.02E-05	0.1042	0.4477
16w_SITTE12	0.04204806	0.41287205	9.58E-05	0.10896	0.25963
16w_SITTE12	0.05271764	0.5167885	0.00010773	0.092257	-0.046772
16w_SITTE12	0.04866776	0.4773447	0.00010344	0.095375	0.081803
16w_SITTE12	0.07556146	0.7392762	0.00012619	0.062687	-1.0712
16w_SITTE12	0.03078365	0.3031622	8.28E-05	0.073435	0.70647
16w_SITTE12	0.04743617	0.4653496	0.00010197	0.098057	0.10986
16w_SITTE12	0.04818674	0.47265974	0.00010271	0.09665	0.091263
16w_SITTE12	0.06193328	0.60654426	0.00011613	0.098894	-0.44141
16w_SITTE12	0.05313255	0.52082944	0.00010807	0.092373	-0.059017
16w_SITTE12	0.07306913	0.71500206	0.00012469	0.069151	-0.97873
16w_SITTE12	0.0105563	0.10615766	6.05E-05	0.01548	0.10741
16w_SITTE12	0.047017	0.46126708	0.00010159	0.098799	0.12814
16w_SITTE12	0.04749163	0.46588975	0.00010197	0.098057	0.10986
16w_SITTE12	0.0651529	0.63790184	0.00011898	0.094504	-0.59222
16w_SITTE12	0.0657784	0.6439939	0.00011953	0.092756	-0.62617
16w_SITTE12	0.0676849	0.6625623	0.00012084	0.087573	-0.72756
16w_SITTE12	0.01308941	0.13082893	6.27E-05	0.018769	0.14454
16w_SITTE12	0.04037419	0.3965694	9.42E-05	0.10978	0.31414
16w_SITTE12	0.02103431	0.20820835	7.10E-05	0.033786	0.56707
16w_SITTE12	0.07026783	0.6877187	0.00012284	0.078159	-0.8424
16w_SITTE12	0.06806243	0.6662392	0.0001211	0.086439	-0.74427
16w_SITTE12	0.07007103	0.68580204	0.0001226	0.07935	-0.8424
16w_SITTE12	0.05038687	0.49408796	0.00010525	0.093003	0.032151
16w_SITTE12	0.08511825	0.83235455	0.0001312	0.05293	-1.2883
16w_SITTE12	0.06275871	0.61458355	0.00011701	0.098387	-0.47447

16w_SITTE12	0.06476595	0.63413316	0.00011871	0.095287	-0.57526
16w_SITTE12	0.07581116	0.74170804	0.0001264	0.06191	-1.0832
16w_SITTE12	0.04883782	0.479001	0.00010344	0.095375	0.072211
16w_SITTE12	0.0820013	0.801997	0.00012976	0.054048	-1.2424
16w_SITTE12	0.08866212	0.8668701	0.00013261	0.052631	-1.32
16w_SITTE12	0.06510568	0.637442	0.00011898	0.094504	-0.59222
16w_SITTE12	0.00974151	0.09822203	5.95E-05	0.014213	0.11014
16w_SITTE12	0.01411466	0.14081433	6.37E-05	0.020323	0.18023
16w_SITTE12	0.01362764	0.13607109	6.34E-05	0.019794	0.16714
16w_SITTE12	0.05014747	0.49175632	0.0001049	0.093366	0.032151
16w_SITTE12	0.06464288	0.63293445	0.00011843	0.096001	-0.57526
16w_SITTE12	0.02182951	0.21595325	7.22E-05	0.03647	0.62396
16w_SITTE12	0.06305455	0.61746496	0.0001173	0.098072	-0.49111
16w_SITTE12	0.06682658	0.6542027	0.00012032	0.089759	-0.67704
16w_SITTE12	0.05649645	0.5535922	0.00011144	0.095284	-0.19309
16w_SITTE12	0.05348798	0.5242912	0.00010842	0.092532	-0.07149
16w_SITTE12	0.03733769	0.3669953	9.06E-05	0.10531	0.43275
16w_SITTE12	0.03390663	0.3335785	8.65E-05	0.090344	0.58656
16w_SITTE12	0.02599533	0.2565263	7.70E-05	0.050154	0.76634
16w_SITTE12	0.04894411	0.48003617	0.00010381	0.094798	0.072211
16w_SITTE12	0.06812947	0.6668921	0.0001211	0.086439	-0.74427
16w_SITTE12	0.06108582	0.5982905	0.00011553	0.098907	-0.39249
16w_SITTE12	0.04516544	0.44323376	9.97E-05	0.10268	0.17344
16w_SITTE12	0.08058839	0.78823596	0.00012907	0.054994	-1.2081
16w_SITTE12	0.01902165	0.1886061	6.87E-05	0.029043	0.46374
16w_SITTE12	0.04937344	0.48421764	0.00010417	0.094268	0.062467
16w_SITTE12	0.03765216	0.37005812	9.10E-05	0.1063	0.41807
16w_SITTE12	0.02836942	0.27964878	7.99E-05	0.060913	0.76245
16w_SITTE12	0.02070492	0.20500031	7.06E-05	0.032941	0.54704
16w_SITTE12	0.02303758	0.22771925	7.34E-05	0.039406	0.67444
16w_SITTE12	0.04823059	0.47308683	0.00010271	0.09665	0.091263
16w_SITTE12	0.07198711	0.70446366	0.00012401	0.07238	-0.92016
16w_SITTE12	0.08516872	0.8328461	0.0001312	0.05293	-1.2883
16w_SITTE12	0.04543395	0.44584897	9.97E-05	0.10268	0.16436
16w_SITTE12	0.04866969	0.4773634	0.00010344	0.095375	0.081803
16w_SITTE12	0.04902948	0.48086762	0.00010381	0.094798	0.072211
16w_SITTE12	0.07995588	0.78207564	0.00012871	0.055605	-1.2004
16w_SITTE12	0.03332941	0.3279566	8.57E-05	0.086671	0.61617
16w_SITTE12	0.06109744	0.59840363	0.00011553	0.098907	-0.4087
16w_SITTE12	0.06192443	0.6064581	0.00011613	0.098894	-0.44141
16w_SITTE12	0.08348787	0.81647545	0.00013042	0.053406	-1.2651
16w_SITTE12	0.07266749	0.7110902	0.00012446	0.070202	-0.9499
16w_SITTE12	0.02800855	0.276134	7.94E-05	0.059253	0.76661
16w_SITTE12	0.03292869	0.3240538	8.52E-05	0.084798	0.6305
16w_SITTE12	0.05405026	0.5297676	0.00010876	0.092731	-0.097097
16w_SITTE12	0.01276372	0.12765688	6.24E-05	0.018271	0.13519

16w_SITTE12	0.02085063	0.2064194	7.10E-05	0.033786	0.56707
16w_SITTE12	0.07313769	0.7156698	0.00012469	0.069151	-0.97873
16w_SITTE12	0.04967628	0.48716712	0.00010453	0.09379	0.052555
16w_SITTE12	0.07276752	0.7120645	0.00012446	0.070202	-0.96444
16w_SITTE12	0.04207064	0.4130919	9.62E-05	0.10856	0.25963
16w_SITTE12	0.07116093	0.6964171	0.00012331	0.075804	-0.88959
16w_SITTE12	0.05250161	0.5146845	0.00010738	0.092189	-0.03476
16w_SITTE12	0.04948219	0.48527682	0.00010417	0.094268	0.052555
16w_SITTE12	0.05313112	0.52081555	0.00010807	0.092373	-0.059017
16w_SITTE12	0.02810755	0.27709833	7.94E-05	0.059253	0.76661
16w_SITTE12	0.06433714	0.6299567	0.00011815	0.096641	-0.55833
16w_SITTE12	0.07582453	0.7418383	0.0001264	0.06191	-1.0832
16w_SITTE12	0.07359712	0.7201444	0.00012491	0.068128	-0.99278
16w_SITTE12	0.02378948	0.23504244	7.42E-05	0.041523	0.71639
16w_SITTE12	0.08814014	0.86178625	0.00013248	0.05264	-1.3176
16w_SITTE12	0.06381409	0.6248625	0.00011787	0.097201	-0.5246
16w_SITTE12	0.00879961	0.08904842	5.89E-05	0.013414	0.11742
16w_SITTE12	0.01634251	0.16251259	6.62E-05	0.024342	0.29808
16w_SITTE12	0.05859596	0.5740404	0.00011337	0.097465	-0.2822
16w_SITTE12	0.0586553	0.57461834	0.00011337	0.097465	-0.2822
16w_SITTE12	0.08179286	0.79996693	0.00012959	0.054253	-1.2361
16w_SITTE12	0.0339215	0.33372328	8.65E-05	0.090344	0.58656
16w_SITTE12	0.02192041	0.21683852	7.22E-05	0.03647	0.62396
16w_SITTE12	0.06908682	0.6762163	0.00012186	0.08293	-0.79386
16w_SITTE12	0.05814161	0.5696153	0.00011273	0.096781	-0.26697
16w_SITTE12	0.05681912	0.55673486	0.00011144	0.095284	-0.20754
16w_SITTE12	0.00784448	0.07974584	5.81E-05	0.012286	0.13577
16w_SITTE12	0.06255676	0.61261666	0.00011672	0.098627	-0.47447
16w_SITTE12	0.05375905	0.5269313	0.00010876	0.092731	-0.084185
16w_SITTE12	0.05328796	0.52234316	0.00010807	0.092373	-0.07149
16w_SITTE12	0.05580648	0.54687226	0.00011078	0.094541	-0.16472
16w_SITTE12	0.06921982	0.67751163	0.00012211	0.081739	-0.79386
16w_SITTE12	0.0495152	0.48559827	0.00010417	0.094268	0.052555
16w_SITTE12	0.0372699	0.36633506	9.06E-05	0.10531	0.43275
16w_SITTE12	0.08145774	0.796703	0.00012942	0.054478	-1.2295
16w_SITTE12	0.0469987	0.46108878	0.00010159	0.098799	0.12814
16w_SITTE12	0.0387911	0.3811508	9.22E-05	0.10852	0.37625
16w_SITTE12	0.0412379	0.4049815	9.50E-05	0.10955	0.29155
16w_SITTE12	0.05249204	0.5145912	0.00010738	0.092189	-0.03476
16w_SITTE12	0.01107386	0.11119852	6.08E-05	0.015922	0.10884
16w_SITTE12	0.05588562	0.547643	0.00011078	0.094541	-0.16472
16w_SITTE12	0.065572	0.6419837	0.00011925	0.093659	-0.62617
16w_SITTE12	0.03495591	0.34379798	8.77E-05	0.095565	0.54051
16w_SITTE12	0.05148668	0.5047995	0.00010632	0.092309	-0.0001745
16w_SITTE12	0.07689183	0.7522332	0.000127	0.059827	-1.117
16w_SITTE12	0.04610629	0.4523972	0.00010046	0.10111	0.14626

16w_SITTE12	0.06316986	0.618588	0.0001173	0.098072	-0.50782
16w_SITTE12	0.05045321	0.4947341	0.00010525	0.093003	0.032151
16w_SITTE12	0.02880065	0.28384876	8.03E-05	0.062611	0.75723
16w_SITTE12	0.06643191	0.65035874	0.00011979	0.091802	-0.66011
16w_SITTE12	0.04337692	0.42581442	9.74E-05	0.10696	0.21998
16w_SITTE12	0.03676574	0.3614248	8.98E-05	0.10298	0.46289
16w_SITTE12	0.04346667	0.42668858	9.78E-05	0.10633	0.21998
16w_SITTE12	0.06300197	0.61695284	0.00011701	0.098387	-0.49111
16w_SITTE12	0.04442231	0.43599606	9.86E-05	0.10494	0.19178
16w_SITTE12	0.07243118	0.70878875	0.00012424	0.071279	-0.9499
16w_SITTE12	0.01921633	0.19050217	6.91E-05	0.029782	0.46374
16w_SITTE12	0.06388828	0.6255851	0.00011787	0.097201	-0.54144
16w_SITTE12	0.0530822	0.52033913	0.00010807	0.092373	-0.059017
16w_SITTE12	0.05493746	0.5384084	0.00010978	0.093528	-0.13708
16w_SITTE12	0.0355084	0.34917897	8.81E-05	0.097198	0.50933
16w_SITTE12	0.04478304	0.4395094	9.89E-05	0.10421	0.18258
16w_SITTE12	0.06065787	0.59412247	0.00011523	0.098828	-0.37638
16w_SITTE12	0.06407	0.6273549	0.00011815	0.096641	-0.54144
16w_SITTE12	0.06915752	0.67690486	0.00012186	0.08293	-0.79386
16w_SITTE12	0.05800352	0.5682703	0.00011273	0.096781	-0.25188
16w_SITTE12	0.01269617	0.126999	6.24E-05	0.018271	0.13519
16w_SITTE12	0.05353706	0.52476925	0.00010842	0.092532	-0.07149
16w_SITTE12	0.09490862	0.92770797	0.00013474	0.052388	-1.3433
16w_SITTE12	0.00637252	0.06540971	5.69E-05	0.010907	0.17252
16w_SITTE12	0.05599934	0.5487506	0.00011078	0.094541	-0.17881
16w_SITTE12	0.08821511	0.8625164	0.00013248	0.05264	-1.3176
16w_SITTE12	0.04664941	0.45768693	0.00010122	0.099559	0.13721
16w_SITTE12	0.07673995	0.75075406	0.0001268	0.060479	-1.1061
16w_SITTE12	0.05590861	0.54786694	0.00011078	0.094541	-0.16472
16w_SITTE12	0.07322704	0.71654	0.00012469	0.069151	-0.97873
16w_SITTE12	0.07533934	0.73711276	0.00012598	0.063504	-1.0589
16w_SITTE12	0.04718813	0.46293384	0.00010159	0.098799	0.11903
16w_SITTE12	0.03538334	0.34796092	8.81E-05	0.097198	0.52494
16w_SITTE12	0.05370288	0.5263843	0.00010842	0.092532	-0.084185
16w_SITTE12	0.05434392	0.53262764	0.0001091	0.092966	-0.11022
16w_SITTE12	0.0574787	0.56315887	0.00011209	0.096042	-0.23694
16w_SITTE12	0.07042738	0.6892727	0.00012284	0.078159	-0.8583
16w_SITTE12	0.01823537	0.18094805	6.80E-05	0.027619	0.4001
16w_SITTE12	0.06578146	0.6440237	0.00011953	0.092756	-0.62617
16w_SITTE12	0.06468917	0.6333853	0.00011843	0.096001	-0.57526
16w_SITTE12	0.01044626	0.10508599	6.02E-05	0.015048	0.10741
16w_SITTE12	0.03202847	0.31528613	8.40E-05	0.07911	0.65793
16w_SITTE12	0.07644793	0.74790996	0.0001268	0.060479	-1.0948
16w_SITTE12	0.0308598	0.30390388	8.28E-05	0.073435	0.70647
16w_SITTE12	0.03938709	0.38695544	9.30E-05	0.10937	0.35035
16w_SITTE12	0.01084322	0.10895217	6.08E-05	0.015922	0.10884

16w_SITTE12	0.06484333	0.63488674	0.00011871	0.095287	-0.57526
16w_SITTE12	0.04342752	0.42630726	9.74E-05	0.10696	0.21998
16w_SITTE12	0.09761769	0.954093	0.00013556	0.052216	-1.3446
16w_SITTE12	0.0435728	0.42772228	9.78E-05	0.10633	0.21998
16w_SITTE12	0.0110383	0.11085215	6.08E-05	0.015922	0.10884
16w_SITTE12	0.01971496	0.19535859	6.95E-05	0.030541	0.50588
16w_SITTE12	0.04133824	0.40595874	9.50E-05	0.10955	0.28067
16w_SITTE12	0.07106841	0.695516	0.00012331	0.075804	-0.88959
16w_SITTE12	0.03511571	0.34535432	8.77E-05	0.095565	0.52494
16w_SITTE12	0.09096541	0.88930297	0.0001335	0.052565	-1.3333
16w_SITTE12	0.07616158	0.74512094	0.0001266	0.061174	-1.0948
16w_SITTE12	0.04799827	0.47082415	0.00010271	0.09665	0.10061
16w_SITTE12	0.04278719	0.4200708	9.70E-05	0.10755	0.23945
16w_SITTE12	0.07449216	0.7288617	0.00012556	0.06525	-1.0333
16w_SITTE12	0.04812027	0.4720124	0.00010271	0.09665	0.091263
16w_SITTE12	0.05696821	0.558187	0.00011177	0.095663	-0.20754
16w_SITTE12	0.04257309	0.41798553	9.66E-05	0.10808	0.24945
16w_SITTE12	0.07859746	0.7688452	0.00012797	0.057152	-1.1666
16w_SITTE12	0.05367348	0.52609795	0.00010842	0.092532	-0.084185
16w_SITTE12	0.06902425	0.6756069	0.00012186	0.08293	-0.79386
16w_SITTE12	0.0613409	0.60077477	0.00011583	0.09893	-0.4087
3-SS2	0.00985046	0.09928317	5.98E-05	0.014626	0.1081
4-SS2	0.04636494	0.45491636	0.00010084	0.10033	0.14626
15-SS2	0.04070639	0.3998048	9.46E-05	0.10971	0.3027
23-SS2	0.05440351	0.533208	0.0001091	0.092966	-0.11022
24-SS2	0.03444473	0.33881935	8.69E-05	0.09213	0.55601
26-SS2	0.05334943	0.52294177	0.00010807	0.092373	-0.07149
27-SS2	0.08359207	0.81749034	0.00013042	0.053406	-1.2651
28-SS2	0.05013773	0.49166143	0.0001049	0.093366	0.042456
30-SS2	0.07774903	0.760582	0.0001274	0.058646	-1.1379
35-SS2	0.0717793	0.7024398	0.00012378	0.073503	-0.92016
38-SS2	0.00992442	0.10000351	5.98E-05	0.014626	0.1081
43-SS2	0.05225787	0.51231056	0.00010703	0.092172	-0.03476
45-SS2	0.00884611	0.08950131	5.89E-05	0.013414	0.11742
48-SS2	0.04992604	0.48959965	0.00010453	0.09379	0.042456
50-SS2	0.01325	0.13239299	6.30E-05	0.019276	0.15521
52-SS2	0.00785835	0.07988095	5.81E-05	0.012286	0.13577
53-SS2	0.04936914	0.48417577	0.00010417	0.094268	0.062467
55-SS2	0.07039147	0.68892294	0.00012284	0.078159	-0.8583
60-SS2	0.06879038	0.6733291	0.00012161	0.084113	-0.77743
61-SS2	0.01071317	0.10768552	6.05E-05	0.01548	0.10741
65-SS2	0.01868896	0.18536587	6.84E-05	0.028322	0.44251
70-SS2	0.07991887	0.78171515	0.00012871	0.055605	-1.2004
72-SS2	0.0746387	0.7302888	0.00012556	0.06525	-1.0333
80-SS2	0.02398587	0.2369551	7.46E-05	0.042633	0.71639
81-SS2	0.06937528	0.6790257	0.00012211	0.081739	-0.81017

82-SS2	0.04791584	0.47002137	0.00010271	0.09665	0.10061
83-SS2	0.04007044	0.393611	9.38E-05	0.10975	0.32588
84-SS2	0.05283142	0.51789665	0.00010773	0.092257	-0.046772
89-SS2	0.03985917	0.39155325	9.34E-05	0.10962	0.33794
90-SS2	0.0658192	0.6443913	0.00011953	0.092756	-0.62617
102-SS2	0.05018702	0.4921415	0.0001049	0.093366	0.032151
105-SS2	0.03750413	0.36861634	9.06E-05	0.10531	0.41807
111-SS2	0.01196422	0.11987011	6.17E-05	0.017303	0.12065
113-SS2	0.04374666	0.42941555	9.78E-05	0.10633	0.21046
117-SS2	0.05604994	0.5492435	0.00011078	0.094541	-0.17881
124-SS2	0.04381068	0.43003914	9.82E-05	0.10565	0.21046
134-SS2	0.04852686	0.47597235	0.00010308	0.095994	0.081803
138-SS2	0.02178037	0.21547464	7.18E-05	0.035549	0.62396
140-SS2	0.0639355	0.6260449	0.00011787	0.097201	-0.54144
141-SS2	0.01515968	0.15099241	6.47E-05	0.021973	0.22576
145-SS2	0.06950592	0.6802981	0.00012211	0.081739	-0.81017
152-SS2	0.04909084	0.4814653	0.00010381	0.094798	0.072211
157-SS2	0.00816859	0.08290252	5.84E-05	0.012653	0.12871
160-SS2	0.04198012	0.41221032	9.58E-05	0.10896	0.25963
170-SS2	0.01158564	0.11618292	6.14E-05	0.016833	0.11542
179-SS2	0.06241462	0.61123234	0.00011672	0.098627	-0.4579
180-SS2	0.07825038	0.76546484	0.00012778	0.057615	-1.1573
182-SS2	0.048969	0.48027864	0.00010381	0.094798	0.072211
183-SS2	0.07418127	0.7258337	0.00012534	0.066176	-1.0201
184-SS2	0.05903816	0.5783472	0.00011368	0.097776	-0.31309
186-SS2	0.08228357	0.8047462	0.00012993	0.053861	-1.2424
194-SS2	0.04049252	0.3977218	9.42E-05	0.10978	0.31414
201-SS2	0.06383205	0.6250374	0.00011787	0.097201	-0.54144
203-SS2	0.09182955	0.8977194	0.00013374	0.052539	-1.336
204-SS2	0.08339377	0.81555897	0.00013042	0.053406	-1.2651
206-SS2	0.03798322	0.3732825	9.14E-05	0.10717	0.40374
220-SS2	0.04969725	0.48737144	0.00010453	0.09379	0.052555
227-SS2	0.08308886	0.8125893	0.00013026	0.053541	-1.2598
229-SS2	0.0714687	0.6994146	0.00012355	0.074645	-0.90497
236-SS2	0.04477745	0.4394549	9.89E-05	0.10421	0.18258
239-SS2	0.08177518	0.79979473	0.00012959	0.054253	-1.2361
240-SS2	0.03053126	0.300704	8.23E-05	0.07157	0.71698
255-SS2	0.04975374	0.4879216	0.00010453	0.09379	0.052555
257-SS2	0.05280055	0.517596	0.00010773	0.092257	-0.046772
267-SS2	0.07361707	0.7203387	0.00012491	0.068128	-0.99278
273-SS2	0.07680531	0.7513906	0.000127	0.059827	-1.1061
275-SS2	0.07789081	0.7619628	0.00012759	0.058113	-1.1478
276-SS2	0.07644202	0.7478523	0.0001268	0.060479	-1.0948
281-SS2	0.05119292	0.50193846	0.00010597	0.092472	-0.0001745
290-SS2	0.00373291	0.03970122	5.47E-05	0.008551	0.27903
292-SS2	0.03811378	0.37455407	9.14E-05	0.10717	0.40374

293-SS2	0.05902882	0.5782563	0.00011368	0.097776	-0.29758
298-SS2	0.06818721	0.66745454	0.00012136	0.085284	-0.74427
299-SS2	0.07530318	0.73676056	0.00012598	0.063504	-1.0589
301-SS2	0.01301162	0.1300713	6.27E-05	0.018769	0.14454
303-SS2	0.08426628	0.8240568	0.00013074	0.053178	-1.2751
310-SS2	0.07068347	0.6917669	0.00012308	0.076976	-0.87403
311-SS2	0.03175477	0.31262046	8.36E-05	0.07721	0.67094
314-SS2	0.07634257	0.7468837	0.0001266	0.061174	-1.0948
316-SS2	0.05580881	0.54689497	0.00011078	0.094541	-0.16472
317-SS2	0.04644751	0.4557205	0.00010084	0.10033	0.13721
318-SS2	0.06405336	0.6271929	0.00011815	0.096641	-0.54144
319-SS2	0.06353923	0.62218547	0.00011758	0.097678	-0.5246
324-SS2	0.00575519	0.05939724	5.63E-05	0.010269	0.19547
326-SS2	0.03716475	0.365311	9.02E-05	0.1042	0.43275
327-SS2	0.05278096	0.51740515	0.00010773	0.092257	-0.046772
345-SS2	0.00292282	0.03181132	5.42E-05	0.0080398	0.31077
346-SS2	0.07373844	0.7215208	0.00012513	0.067136	-0.99278
349-SS2	0.05810279	0.56923723	0.00011273	0.096781	-0.26697
356-SS2	0.01207088	0.12090892	6.17E-05	0.017303	0.12065
358-SS2	0.06553754	0.641648	0.00011925	0.093659	-0.60919
365-SS2	0.07644759	0.7479066	0.0001268	0.060479	-1.0948
371-SS2	0.06098948	0.59735215	0.00011553	0.098907	-0.39249
372-SS2	0.08386681	0.8201661	0.00013058	0.053285	-1.2702
374-SS2	0.03278487	0.32265308	8.48E-05	0.082909	0.6305
379-SS2	0.00767233	0.07806925	5.78E-05	0.011928	0.14372
380-SS2	0.06432474	0.6298359	0.00011815	0.096641	-0.55833
383-SS2	0.06766533	0.6623717	0.00012084	0.087573	-0.72756
385-SS2	0.07568867	0.74051505	0.00012619	0.062687	-1.0712
388-SS2	0.01852593	0.18377797	6.84E-05	0.028322	0.42127
390-SS2	0.08153731	0.797478	0.00012942	0.054478	-1.2295
391-SS2	0.06481678	0.6346282	0.00011871	0.095287	-0.57526
392-SS2	0.06113482	0.5987677	0.00011553	0.098907	-0.4087
395-SS2	0.03624576	0.35636044	8.94E-05	0.10166	0.47826
396-SS2	0.03277665	0.32257307	8.48E-05	0.082909	0.6305
397-SS2	0.04152428	0.4077707	9.54E-05	0.10929	0.28067
402-SS2	0.06350657	0.62186736	0.00011758	0.097678	-0.5246
405-SS2	0.077278	0.7559943	0.0001272	0.059217	-1.1276
406-SS2	0.05790442	0.5673052	0.00011273	0.096781	-0.25188
409-SS2	0.05574303	0.5462543	0.00011045	0.094186	-0.16472
411-SS2	0.00640764	0.06575181	5.69E-05	0.010907	0.17252
413-SS2	0.06459262	0.632445	0.00011843	0.096001	-0.57526
414-SS2	0.00610492	0.06280341	5.66E-05	0.010584	0.18365
420-SS2	0.06626751	0.64875764	0.00011979	0.091802	-0.66011
422-SS2	0.04969814	0.48738003	0.00010453	0.09379	0.052555
423-SS2	0.05021035	0.4923687	0.0001049	0.093366	0.032151
426-SS2	0.00840399	0.08519528	5.84E-05	0.012653	0.12259

429-SS2	0.04601554	0.45151332	0.00010046	0.10111	0.1553
432-SS2	0.02608169	0.25736734	7.70E-05	0.050154	0.76634
434-SS2	0.04726366	0.46366945	0.00010197	0.098057	0.11903
441-SS2	0.03282804	0.3230735	8.52E-05	0.084798	0.6305
445-SS2	0.01491387	0.14859825	6.44E-05	0.021412	0.22576
446-SS2	0.00881738	0.08922149	5.89E-05	0.013414	0.11742
449-SS2	0.01091187	0.10962077	6.08E-05	0.015922	0.10884
451-SS2	0.07103033	0.6951451	0.00012331	0.075804	-0.88959
453-SS2	0.04184916	0.41093484	9.58E-05	0.10896	0.27003
454-SS2	0.07043442	0.68934125	0.00012284	0.078159	-0.8583
457-SS2	0.03048842	0.3002868	8.23E-05	0.07157	0.71698
462-SS2	0.03202691	0.31527096	8.40E-05	0.07911	0.65793
463-SS2	0.08416767	0.82309633	0.00013074	0.053178	-1.2751
469-SS2	0.02569316	0.25358334	7.66E-05	0.04879	0.7616
470-SS2	0.03865165	0.37979266	9.22E-05	0.10852	0.37625
471-SS2	0.04634927	0.45476374	0.00010084	0.10033	0.14626
474-SS2	0.07236923	0.7081854	0.00012424	0.071279	-0.93514
479-SS2	0.05574938	0.5463161	0.00011045	0.094186	-0.16472
483-SS2	0.05055796	0.49575424	0.00010525	0.093003	0.021622
489-SS2	0.08071118	0.78943187	0.00012907	0.054994	-1.2155
528-SS2	0.00674527	0.06904013	5.72E-05	0.011238	0.16213
530-SS2	0.02074753	0.20541531	7.06E-05	0.032941	0.56707
554-SS2	0.04923258	0.48284572	0.00010381	0.094798	0.062467
556-SS2	0.04632357	0.45451343	0.00010084	0.10033	0.14626
560-SS2	0.04920363	0.48256373	0.00010381	0.094798	0.062467
562-SS2	0.04757603	0.46671173	0.00010234	0.09734	0.10986
564-SS2	0.01481386	0.14762427	6.44E-05	0.021412	0.20962
566-SS2	0.00519112	0.05390348	5.58E-05	0.0096645	0.22108
570-SS2	0.01089912	0.10949662	6.08E-05	0.015922	0.10884
582-SS2	0.01047217	0.10533831	6.02E-05	0.015048	0.10741
586-SS2	0.0147506	0.1470081	6.44E-05	0.021412	0.20962
590-SS2	0.02273173	0.22474043	7.30E-05	0.038397	0.65846
593-SS2	0.01862374	0.18473059	6.84E-05	0.028322	0.42127
594-SS2	0.04325621	0.42463884	9.74E-05	0.10696	0.22964
603-SS2	0.01288981	0.12888493	6.27E-05	0.018769	0.14454
606-SS2	0.02083774	0.20629391	7.10E-05	0.033786	0.56707
607-SS2	0.05801111	0.5683443	0.00011273	0.096781	-0.26697
608-SS2	0.07188305	0.7034502	0.00012378	0.073503	-0.92016
611-SS2	0.02033665	0.20141356	7.02E-05	0.032119	0.52662
628-SS2	0.02248754	0.22236212	7.26E-05	0.037419	0.65846
631-SS2	0.07036638	0.6886786	0.00012284	0.078159	-0.8583
634-SS2	0.06984334	0.6835844	0.00012235	0.080544	-0.82636
635-SS2	0.0317923	0.31298596	8.40E-05	0.07911	0.67094
636-SS2	0.07501937	0.73399645	0.00012577	0.064358	-1.0462
637-SS2	0.03555368	0.34961998	8.86E-05	0.098764	0.50933
638-SS2	0.00648018	0.06645829	5.69E-05	0.010907	0.17252

641-SS2	0.04538544	0.44537646	9.97E-05	0.10268	0.16436
650-SS2	0.04736093	0.46461678	0.00010197	0.098057	0.11903
651-SS2	0.0164805	0.16385652	6.62E-05	0.024342	0.29808
662-SS2	0.01072658	0.10781612	6.05E-05	0.01548	0.10741
675-SS2	0.00752189	0.07660402	5.78E-05	0.011928	0.14372
679-SS2	0.03695643	0.363282	9.02E-05	0.1042	0.4477
688-SS2	0.05689304	0.5574548	0.00011177	0.095663	-0.20754
689-SS2	0.01676072	0.1665857	6.65E-05	0.024968	0.31771
717-SS2	0.04322038	0.42428988	9.74E-05	0.10696	0.22964
719-SS2	0.01213072	0.12149176	6.17E-05	0.017303	0.12065
720-SS2	0.02614618	0.2579955	7.70E-05	0.050154	0.76634
725-SS2	0.01605676	0.15972945	6.58E-05	0.023731	0.27899
727-SS2	0.0065743	0.067375	5.69E-05	0.010907	0.17252
729-SS2	0.04491453	0.44079003	9.93E-05	0.10345	0.18258
732-SS2	0.00502888	0.05232337	5.58E-05	0.0096645	0.22108
735-SS2	0.07003633	0.685464	0.0001226	0.07935	-0.8424
743-SS2	0.07833879	0.7663259	0.00012778	0.057615	-1.1573
749-SS2	0.0643616	0.6301949	0.00011815	0.096641	-0.55833
750-SS2	0.04832901	0.47404543	0.00010308	0.095994	0.091263
755-SS2	0.01256903	0.12576067	6.24E-05	0.018271	0.13519
763-SS2	0.00991198	0.09988235	5.98E-05	0.014626	0.1081
764-SS2	0.03668342	0.3606231	8.98E-05	0.10298	0.46289
771-SS2	0.0740966	0.7250091	0.00012534	0.066176	-1.0201
774-SS2	0.00067374	0.00990636	5.23E-05	0.0064696	0.43121
783-SS2	0.04477721	0.43945262	9.89E-05	0.10421	0.18258
787-SS2	0.01695158	0.16844459	6.65E-05	0.024968	0.33781
789-SS2	0.03877824	0.3810256	9.22E-05	0.10852	0.37625
790-SS2	0.01290184	0.12900208	6.27E-05	0.018769	0.14454
791-SS2	0.05676373	0.5561954	0.00011144	0.095284	-0.20754
805-SS2	0.02875667	0.28342038	8.03E-05	0.062611	0.75723
814-SS2	0.00131516	0.01615347	5.29E-05	0.0068852	0.39576
835-SS2	0.01120867	0.11251145	6.11E-05	0.016373	0.1115
836-SS2	0.00109816	0.01404001	5.26E-05	0.0066742	0.41342
838-SS2	0.06868379	0.672291	0.00012161	0.084113	-0.77743
844-SS2	0.02750131	0.27119377	7.86E-05	0.05605	0.77153
847-SS2	0.05989882	0.5867297	0.00011431	0.098311	-0.3445
848-SS2	0.03549127	0.3490121	8.81E-05	0.097198	0.50933
857-SS2	0.07000769	0.6851851	0.0001226	0.07935	-0.8424
863-SS2	0.06453502	0.631884	0.00011843	0.096001	-0.57526
864-SS2	0.06823756	0.6679449	0.00012136	0.085284	-0.74427
867-SS2	0.08915386	0.8716594	0.00013288	0.052615	-1.3223
876-SS2	0.07219996	0.7065367	0.00012401	0.07238	-0.93514
885-SS2	0.06742971	0.6600768	0.00012058	0.088682	-0.71078
899-SS2	0.07432631	0.72724634	0.00012534	0.066176	-1.0201
903-SS2	0.03783943	0.37188205	9.10E-05	0.1063	0.40374
905-SS2	0.04892413	0.4798416	0.00010344	0.095375	0.072211

908-SS2	0.05468326	0.53593266	0.00010944	0.093233	-0.12355
910-SS2	0.01970691	0.19528021	6.95E-05	0.030541	0.50588
912-SS2	0.00471478	0.04926411	5.55E-05	0.0093744	0.23478
919-SS2	0.06916706	0.6769977	0.00012186	0.08293	-0.79386
921-SS2	0.08373981	0.81892926	0.00013058	0.053285	-1.2702
929-SS2	0.00953461	0.09620694	5.95E-05	0.014213	0.11014
932-SS2	0.06880243	0.6734465	0.00012161	0.084113	-0.77743
938-SS2	0.06936396	0.6789155	0.00012211	0.081739	-0.81017
943-SS2	0.07238589	0.7083476	0.00012424	0.071279	-0.9499
948-SS2	0.05990653	0.58680475	0.00011431	0.098311	-0.3445
953-SS2	0.04047484	0.39754963	9.42E-05	0.10978	0.31414
955-SS2	0.05965027	0.5843089	0.00011431	0.098311	-0.32873
966-SS2	0.05822867	0.5704632	0.00011305	0.097132	-0.26697
970-SS2	0.07743533	0.7575267	0.0001274	0.058646	-1.1276
974-SS2	0.02686259	0.26497295	7.78E-05	0.053015	0.77158
975-SS2	0.06379277	0.62465477	0.00011787	0.097201	-0.5246
977-SS2	0.0657388	0.6436082	0.00011925	0.093659	-0.62617
982-SS2	0.054965	0.53867674	0.00010978	0.093528	-0.13708
985-SS2	0.05375798	0.52692086	0.00010876	0.092731	-0.084185
990-SS2	0.01442152	0.14380307	6.41E-05	0.020862	0.19442
996-SS2	0.07862655	0.7691286	0.00012797	0.057152	-1.1666
1002-SS2	0.07235536	0.70805025	0.00012424	0.071279	-0.93514
1003-SS2	0.08126654	0.79484075	0.00012942	0.054478	-1.2227
1007-SS2	0.03721218	0.36577293	9.02E-05	0.1042	0.43275
1010-SS2	0.05684397	0.5569769	0.00011177	0.095663	-0.20754
1011-SS2	0.04460446	0.43777013	9.89E-05	0.10421	0.19178
1012-SS2	0.0275787	0.27194756	7.86E-05	0.05605	0.76966
1013-SS2	0.05643208	0.5529653	0.00011111	0.094909	-0.19309
1016-SS2	0.070964	0.69449914	0.00012331	0.075804	-0.87403
1020-SS2	0.0537145	0.52649736	0.00010842	0.092532	-0.084185
1021-SS2	0.0089832	0.09083644	5.89E-05	0.013414	0.11742
1022-SS2	0.02055798	0.20356917	7.06E-05	0.032941	0.54704
1023-SS2	0.04438414	0.43562427	9.86E-05	0.10494	0.19178
1026-SS2	0.05343929	0.523817	0.00010842	0.092532	-0.07149
1031-SS2	0.04274539	0.41966367	9.66E-05	0.10808	0.23945
1032-SS2	0.0738847	0.7229453	0.00012513	0.067136	-1.0066
1033-SS2	0.05478813	0.53695405	0.00010978	0.093528	-0.12355
1035-SS2	0.05267258	0.5163496	0.00010738	0.092189	-0.046772
1041-SS2	0.05535941	0.5425181	0.00011011	0.093847	-0.1508
1042-SS2	0.06916419	0.6769699	0.00012186	0.08293	-0.79386
1043-SS2	0.04476008	0.43928578	9.89E-05	0.10421	0.18258
1048-SS2	0.01099518	0.11043214	6.08E-05	0.015922	0.10884
1052-SS2	0.03953459	0.38839203	9.30E-05	0.10937	0.33794
1055-SS2	0.01621787	0.16129866	6.58E-05	0.023731	0.27899
1056-SS2	0.0292033	0.28777033	8.07E-05	0.064343	0.751
1060-SS2	0.0188514	0.18694791	6.87E-05	0.029043	0.44251

1073-SS2	0.06772832	0.66298515	0.00012084	0.087573	-0.72756
1078-SS2	0.07918061	0.77452487	0.00012835	0.05632	-1.1755
1079-SS2	0.02424106	0.23944055	7.50E-05	0.043782	0.72811
1083-SS2	0.04212715	0.41364235	9.62E-05	0.10856	0.25963
1087-SS2	0.0484251	0.4749813	0.00010308	0.095994	0.091263
1096-SS2	0.05188302	0.5086597	0.00010668	0.092211	-0.022986
1098-SS2	0.00908942	0.09187103	5.89E-05	0.013414	0.11326
1103-SS2	0.04348169	0.42683488	9.78E-05	0.10633	0.21998
1112-SS2	0.01564911	0.1557592	6.54E-05	0.023132	0.26052
1113-SS2	0.02114684	0.20930433	7.14E-05	0.034655	0.58661
1114-SS2	0.05759544	0.5642959	0.00011241	0.096416	-0.23694
1116-SS2	0.02199039	0.21752013	7.22E-05	0.03647	0.62396
1122-SS2	0.03069465	0.30229542	8.23E-05	0.07157	0.70647
1126-SS2	0.05999756	0.5876913	0.00011462	0.098526	-0.3445
1132-SS2	0.01275803	0.12760149	6.24E-05	0.018271	0.13519
1140-SS2	0.02614418	0.25797606	7.70E-05	0.050154	0.76634
1141-SS2	0.05520741	0.5410376	0.00011011	0.093847	-0.13708
1143-SS2	0.04115	0.40412536	9.50E-05	0.10955	0.29155
1145-SS2	0.00461979	0.04833899	5.52E-05	0.0090922	0.24903
1146-SS2	0.00890437	0.09006871	5.89E-05	0.013414	0.11742
1151-SS2	0.03153025	0.31043375	8.36E-05	0.07721	0.6834
1157-SS2	0.00917467	0.09270129	5.92E-05	0.013809	0.11326
1168-SS2	0.03899385	0.38312557	9.26E-05	0.10901	0.36311
1170-SS2	0.06456954	0.6322202	0.00011843	0.096001	-0.57526
1172-SS2	0.00540477	0.05598436	5.61E-05	0.0099627	0.20797
1174-SS2	0.05938959	0.58177	0.000114	0.098059	-0.32873
1175-SS2	0.04009777	0.39387718	9.38E-05	0.10975	0.32588
1178-SS2	0.01294976	0.12946884	6.27E-05	0.018769	0.14454
1183-SS2	0.06434057	0.6299901	0.00011815	0.096641	-0.55833
1189-SS2	0.01095818	0.11007183	6.08E-05	0.015922	0.10884
1195-SS2	0.03771412	0.3706616	9.10E-05	0.1063	0.41807
1197-SS2	0.06054879	0.59306	0.00011492	0.0987	-0.37638
1198-SS2	0.01462082	0.14574412	6.44E-05	0.021412	0.20962
1200-SS2	0.08823717	0.8627313	0.00013248	0.05264	-1.3176
1204-SS2	0.04737237	0.46472818	0.00010197	0.098057	0.11903
1207-SS2	0.00444762	0.04666213	5.52E-05	0.0090922	0.24903
1210-SS2	0.0119578	0.11980758	6.17E-05	0.017303	0.12065
1214-SS2	0.07441487	0.7281089	0.00012556	0.06525	-1.0201
1218-SS2	0.07275299	0.711923	0.00012446	0.070202	-0.96444
1226-SS2	0.06489842	0.63542336	0.00011871	0.095287	-0.59222
1227-SS2	0.02344243	0.23166227	7.38E-05	0.040447	0.68948
1228-SS2	0.01274265	0.12745167	6.24E-05	0.018271	0.13519
1231-SS2	0.07228904	0.7074043	0.00012424	0.071279	-0.93514
1233-SS2	0.0198754	0.19692115	6.99E-05	0.031319	0.50588
1236-SS2	0.08689325	0.8496422	0.00013193	0.052709	-1.3063
1237-SS2	0.07103766	0.6952165	0.00012331	0.075804	-0.88959

1238-SS2	0.04230021	0.41532782	9.62E-05	0.10856	0.24945
1241-SS2	0.03765414	0.37007734	9.10E-05	0.1063	0.41807
1244-SS2	0.03485631	0.34282786	8.77E-05	0.095565	0.54051
1250-SS2	0.04204536	0.41284573	9.58E-05	0.10896	0.25963
1252-SS2	0.05526461	0.54159474	0.00011011	0.093847	-0.13708
1254-SS2	0.06306428	0.6175597	0.0001173	0.098072	-0.49111
1255-SS2	0.008282	0.08400707	5.84E-05	0.012653	0.12871
1256-SS2	0.04160262	0.4085337	9.54E-05	0.10929	0.27003
1257-SS2	0.06068445	0.59438133	0.00011523	0.098828	-0.37638
1267-SS2	0.06925838	0.67788714	0.00012211	0.081739	-0.79386
1282-SS2	0.0521158	0.5109269	0.00010703	0.092172	-0.022986

Table S5

gene_symbol	waldStat	pvalue	logFC	FDR
Pf4	583.355086		0 2.11460297	0
Trem1	496.485108		0 1.11252534	0
Ifitm1	243.01601		0 -1.280525	0
Nkg7	204.059699		0 1.53786199	0
Mfsd2b	185.776449		0 1.86671558	0
Tuba8	179.464034		0 1.87574402	0
Procr	160.787948		0 -2.5336142	0
Gata1	151.382798		0 1.78457648	0
Itga2b	135.518689		0 1.24098994	0
Hist1h1b	129.8899		0 1.64709966	0
Alcam	125.426551		0 -1.4026078	0
Rgs10	123.841716		0 1.79861326	0
Icam4	119.806107		0 1.51997738	0
Hlf	115.77437		0 -1.2067327	0
Zfp467	104.454131		0 -1.1779281	0
Plek	103.712895		0 1.15739513	0
Ly6a	99.4921281		0 -1.6158153	0
E2f8	97.2846895		0 1.62554894	0
Runx3	91.5430557		0 1.24138372	0
Ltb	91.4500584		0 -1.3906372	0
Cd180	86.5411609		0 2.22001529	0
Gp5	85.681222		0 1.30380001	0
Pygm	84.7485673		0 -2.4606769	0
Slc22a3	81.7801599		0 1.34382386	0
Pde10a	79.0637865		0 2.48903228	0
Padi4	73.3114275		0 -1.2297267	0
F2rl2	73.238019		0 1.70479975	0
St8sia4	72.0687712		0 -1.1653806	0
Sult1a1	71.6286851		0 -2.1282261	0
Asf1b	68.2105889	1.11E-16	1.44375257	3.90E-14
Ltbp1	65.3689761	6.66E-16	1.54931667	2.26E-13
Lim2	58.6335737	1.90E-14	3.18133583	6.24E-12
Cd48	58.531643	2.00E-14	1.56655395	6.37E-12
Hist1h3c	58.2997036	2.25E-14	1.52717377	6.98E-12
Spc24	57.4788353	3.42E-14	1.21168236	1.03E-11
Olfr417	57.0880281	4.16E-14	1.93993624	1.22E-11
Wfdc2	55.3917828	9.87E-14	-1.687254	2.75E-11
Itsn1	55.3817865	9.93E-14	-1.2327762	2.75E-11
Mki67	53.9049151	2.10E-13	1.23071717	5.68E-11
Cst7	52.7021058	3.88E-13	1.76615714	1.02E-10
Top2a	51.997254	5.56E-13	1.17665739	1.43E-10
Birc5	50.4816689	1.20E-12	1.26539998	3.01E-10

Pbk	50.0956087	1.46E-12	1.32368035	3.58E-10
Gp1bb	49.8490201	1.66E-12	2.08542124	3.97E-10
Ifitm7	48.7918841	2.85E-12	-1.2527764	6.66E-10
Hist1h2ap	48.3462389	3.57E-12	1.19027582	8.17E-10
Hist1h1a	47.6737614	5.03E-12	1.34950816	1.13E-09
Hist1h2ae	47.0713079	6.85E-12	1.15987369	1.50E-09
Myl10	46.2893227	1.02E-11	-1.1891095	2.19E-09
Hist1h2ab	46.0083894	1.18E-11	1.3982354	2.48E-09
Cenph	45.3613911	1.64E-11	1.23447036	3.33E-09
AI504432	45.3520747	1.65E-11	1.24342892	3.33E-09
Hmgb2	45.2847366	1.70E-11	0.99508222	3.38E-09
Fbxo5	43.8483251	3.55E-11	1.23160806	6.92E-09
Pdcd4	43.3922608	4.48E-11	0.88071034	8.57E-09
Prex2	42.3428396	7.66E-11	-1.7216959	1.42E-08
Ecscr	42.3300938	7.71E-11	-1.4725163	1.42E-08
Mecom	40.8893474	1.61E-10	-1.0657243	2.92E-08
Fcgrt	40.4391321	2.03E-10	-1.4379288	3.62E-08
Fcer1a	39.1713588	3.88E-10	2.54710585	6.81E-08
Hist2h2ac	38.8381375	4.60E-10	1.22411042	7.95E-08
Rad51ap1	38.1038461	6.71E-10	1.25833353	1.14E-07
Cks2	38.0704035	6.82E-10	1.01308464	1.14E-07
Klhl4	38.0416416	6.93E-10	-1.5613015	1.14E-07
Nkx2-3	37.5898693	8.73E-10	-1.1063957	1.41E-07
Spc25	36.7561138	1.34E-09	1.24134519	2.14E-07
Cdkn1c	36.6983104	1.38E-09	-1.1685634	2.17E-07
Proser2	36.1490584	1.83E-09	1.66486389	2.83E-07
Tyms	35.9219012	2.05E-09	1.04581199	3.13E-07
Mllt3	35.6938924	2.31E-09	-1.0013036	3.47E-07
Pclaf	35.1947043	2.98E-09	1.1783736	4.42E-07
Hist1h2af	34.383271	4.53E-09	1.7016412	6.62E-07
Phlda1	34.0859239	5.27E-09	1.10936409	7.60E-07
Gm16104	34.0032478	5.50E-09	-1.7354926	7.83E-07
Cdca8	33.8097143	6.08E-09	1.10558439	8.53E-07
Rrm2	33.6701439	6.53E-09	1.26516284	9.04E-07
Rap1b	33.3329155	7.77E-09	0.86335127	1.06E-06
H2afz	33.2049551	8.29E-09	0.8718694	1.12E-06
Clec1a	33.1676728	8.45E-09	-1.2348856	1.13E-06
Myof	33.0932823	8.78E-09	-1.7798158	1.16E-06
Cdca3	32.123953	1.45E-08	1.16415981	1.88E-06
Tk1	31.9782887	1.56E-08	1.13324581	2.00E-06
Fen1	31.8743232	1.64E-08	1.07659501	2.09E-06
Esco2	31.698211	1.80E-08	1.24371826	2.26E-06
Abcg3	31.0804022	2.48E-08	-1.3692807	3.07E-06

H2afx	30.7300744	2.97E-08	0.99979166	3.63E-06
Knl1	30.4264887	3.47E-08	1.14743743	4.20E-06
Hist1h2ak	30.1746816	3.95E-08	1.47343135	4.69E-06
Hist1h2bm	30.1656056	3.97E-08	1.47427104	4.69E-06
Ccl17	29.6742413	5.11E-08	2.37474965	5.98E-06
Traf1	29.6357394	5.21E-08	-1.6005532	6.03E-06
Klf1	29.4383416	5.77E-08	1.41411092	6.60E-06
Ska1	29.3355501	6.09E-08	1.34768049	6.89E-06
Btnl9	29.107551	6.85E-08	1.86497004	7.67E-06
Kif15	29.072999	6.97E-08	1.16266771	7.72E-06
Ccl4	28.9256386	7.52E-08	-1.0913796	8.25E-06
Endod1	28.0629816	1.17E-07	1.23962505	1.27E-05
Gimap6	27.9327864	1.26E-07	-1.0100148	1.35E-05
Ctsf	27.844552	1.31E-07	-1.2118832	1.40E-05
Ubash3a	27.7832385	1.36E-07	2.20908275	1.43E-05
Cpne8	27.45997	1.60E-07	-1.3618262	1.66E-05
Plac8	27.4506853	1.61E-07	0.99786104	1.66E-05
Hist1h2bj	27.4149963	1.64E-07	1.26832273	1.68E-05
Cdca5	27.319553	1.72E-07	1.27740078	1.75E-05
Hist1h2bb	27.1996603	1.83E-07	1.3246551	1.84E-05
Sgo2a	27.0983068	1.93E-07	1.2789867	1.92E-05
Ms4a3	26.7988663	2.26E-07	1.18008449	2.22E-05
Pglyrp2	26.7504735	2.31E-07	-0.8937028	2.26E-05
H2-Aa	26.6455826	2.44E-07	-1.3479928	2.36E-05
Cpa3	26.272375	2.96E-07	1.66123359	2.84E-05
Plcl1	26.195097	3.09E-07	-1.4522537	2.93E-05
I830077J02Ri	25.7290503	3.93E-07	1.87372533	3.69E-05
Ube2c	25.6871875	4.01E-07	1.21086439	3.74E-05
Fgd5	25.43023	4.59E-07	-1.3572524	4.24E-05
Sifn2	25.3957894	4.67E-07	-1.2949574	4.27E-05
Tox	25.1248544	5.37E-07	-1.2197889	4.88E-05
Iigp1	24.7019864	6.69E-07	-1.2731171	6.02E-05
Mcm10	24.6692565	6.81E-07	1.26540832	6.07E-05
Hist1h3i	24.5896522	7.09E-07	1.47551189	6.27E-05
Plxna4os1	24.3490596	8.04E-07	-1.3187518	7.05E-05
Lrr1	23.9325759	9.98E-07	1.55524363	8.68E-05
Hist1h3f	23.8567466	1.04E-06	1.25876923	8.91E-05
Depdc1a	23.8499626	1.04E-06	1.42296733	8.91E-05
Cenpw	23.8210241	1.06E-06	0.99300433	8.97E-05
Hist1h3b	23.6510194	1.15E-06	1.56529309	9.72E-05
Pde1b	23.6071709	1.18E-06	-1.1488674	9.87E-05
Runx1t1	23.4278273	1.30E-06	-1.3915236	0.00010749
Camk2d	23.3346688	1.36E-06	-1.1495856	0.00011194

Mybl2	23.1506504	1.50E-06	1.33162232	0.00012223
Cnr2	22.7871881	1.81E-06	2.04599235	0.00014653
F10	22.7260258	1.87E-06	1.76347405	0.00015011
Cd74	22.5945076	2.00E-06	-1.5217531	0.00015873
Cdk1	22.5896006	2.01E-06	1.01488951	0.00015873
Nusap1	22.5520641	2.05E-06	1.12185131	0.00016066
Ncapg	22.3954555	2.22E-06	1.14989184	0.00017302
Rora	22.1015932	2.59E-06	-1.2404939	0.00020014
Vdr	22.0505919	2.66E-06	-1.0137806	0.00020323
Gm15856	22.0393564	2.67E-06	1.60393626	0.00020323
Kazald1	22.0303272	2.68E-06	-1.3107634	0.00020323
D630039A03I	21.5184766	3.50E-06	-1.4035735	0.00026348
Snn	21.1260018	4.30E-06	-1.328644	0.00032105
Cd82	20.9421391	4.73E-06	-1.2822777	0.00035089
Ltc4s	20.6566657	5.49E-06	1.30577872	0.00040445
Gimap5	20.5138018	5.92E-06	-1.0177859	0.00043276
Anxa6	20.076302	7.44E-06	-1.0349132	0.00054019
Gimap8	19.6539199	9.28E-06	-1.2770874	0.00066914
Ckap2l	19.5359407	9.87E-06	1.02024902	0.00070692
Robo4	19.4617152	1.03E-05	-1.4046729	0.00072997
P2ry1	19.2628987	1.14E-05	1.07660351	0.00080463
Gm19590	19.1356855	1.22E-05	-1.0113444	0.00085434
Hacd4	19.1165476	1.23E-05	-0.9181483	0.00085723
Mrv1	18.9400551	1.35E-05	2.28506495	0.00093412
Shcbp1	18.7076755	1.52E-05	1.15951095	0.00104825
Tinagl1	18.6591132	1.56E-05	-1.4714393	0.00106831
Robo3	18.0876268	2.11E-05	1.21665941	0.00143268
Dut	17.7237601	2.55E-05	0.83509014	0.00172341
Sptb	17.6738458	2.62E-05	2.60707056	0.00175796
B4galt6	17.5932498	2.74E-05	-0.9535422	0.00182245
Gmnn	16.8046551	4.14E-05	0.91773071	0.00274282
Hmgb3	16.7471092	4.27E-05	0.83821027	0.00280961
Cracr2b	16.5476217	4.74E-05	-1.2627762	0.0031018
Diras2	16.426174	5.06E-05	1.8478047	0.00328658
Stx11	16.3358022	5.31E-05	1.15455377	0.00342593
Cd52	16.293939	5.42E-05	1.16616405	0.0034811
Hist1h2bn	16.0508188	6.17E-05	1.35054124	0.00393385
Bub1	16.0141378	6.29E-05	1.1440883	0.00398664
Lhfpl2	15.7179209	7.35E-05	1.2230256	0.00463423
Ptpn14	15.4049044	8.68E-05	-1.2888846	0.0054361
Plk4	15.173309	9.81E-05	1.01037196	0.00610882
Alox5	15.1415224	9.97E-05	1.40841257	0.00617599
Dnah12	15.0863942	0.0001027	1.6632089	0.00632181

Clspn	15.0102352	0.00010693	0.98435396	0.00654385
Socs2	14.8882608	0.00011407	-1.074962	0.00694051
Il1b	14.7614604	0.000122	3.65539009	0.00738052
Prc1	14.5919601	0.00013348	1.02050446	0.0080288
Hist2h2bb	14.5462388	0.00013676	1.23956396	0.00817926
Col4a2	14.4852951	0.00014126	-1.1972509	0.00840046
Snca	14.4365297	0.00014496	1.3112511	0.00857236
Ccna2	14.3969827	0.00014804	1.0212428	0.00870537
Uhrf1	14.3184828	0.00015434	0.97179674	0.00902558
Cenpm	14.2963375	0.00015617	0.9529275	0.00904789
Ndc80	14.2930354	0.00015644	1.08783583	0.00904789
Aurkb	14.1352375	0.00017013	1.02143532	0.00978555
Espl1	14.1189957	0.0001716	1.21545101	0.00981676
Syne2	14.0936494	0.00017393	-1.0941873	0.00989615
Ifi44	13.9832663	0.00018444	-1.1767227	0.01043799
Fam46a	13.9729606	0.00018546	1.15956823	0.01043924
Cdk6	13.9058331	0.0001922	0.82240477	0.01076121
Tpx2	13.8788295	0.00019498	0.9997365	0.01085918
Clec4d	13.7692545	0.00020669	1.24274176	0.01139687
Emcn	13.768245	0.0002068	-0.890174	0.01139687
Sh3bp5	13.7285033	0.00021122	-1.1852219	0.01153208
Mis18bp1	13.7265248	0.00021145	1.02358536	0.01153208
Cenpp	13.5826174	0.00022829	1.02490753	0.01238648
Cenpk	13.496501	0.00023901	0.96746802	0.01290157
Steap3	13.4722133	0.00024212	1.12732135	0.01300297
Kcnj5	12.8835158	0.00033149	2.88350804	0.01771194
Gins1	12.836134	0.00033999	1.1018556	0.01807438
Nasp	12.6713727	0.0003713	0.86603402	0.01963955
Evi5	12.503701	0.00040615	-1.1834112	0.0213755
Hist1h3a	12.4708238	0.00041336	1.14504948	0.02164678
Cit	12.4501188	0.00041797	1.01148229	0.02171699
Pqlc3	12.4462823	0.00041882	-1.1272608	0.02171699
Tada2b	12.3935761	0.00043081	1.37172425	0.02222913
Tnfaip8l2	12.3290828	0.00044596	1.1801711	0.02289818
Aebp1	12.2733456	0.00045947	-1.3175229	0.02347777
Gm17590	12.1703932	0.00048554	1.4714957	0.02468986
Tnks1bp1	11.9565895	0.00054454	-1.2083775	0.02755709
Fmn12	11.9420145	0.00054882	-1.0949495	0.02764062
Abi3	11.9141372	0.0005571	-0.9124855	0.02792374
Atad5	11.8129279	0.00058821	0.96227985	0.02934352
Vegfc	11.5523049	0.00067665	-1.1745739	0.03359647
Dkk1	11.5407319	0.00068088	-1.0255795	0.03364754
Gsta4	11.4324076	0.00072174	-1.2253422	0.03550022

Tecpr1	11.4180223	0.00072735	-1.172097	0.03558342
Kntc1	11.4107748	0.00073019	1.23611252	0.03558342
Lhcgr	11.3813747	0.00074184	-1.1788639	0.03598446
Gm12999	11.0106994	0.00090587	1.84265878	0.04373961
Ebi3	10.9009814	0.00096113	-1.0270197	0.04619584
Lmnb1	10.8321866	0.00099751	0.83524472	0.04772621
Kif14	10.6717922	0.00108782	1.1389573	0.05181158
Tmem71	10.629816	0.00111279	-0.868903	0.05276219
Jam3	10.5502391	0.00116173	-1.1677766	0.05483577
Hist1h4a	10.3478403	0.00129626	1.30158485	0.06091277
Map4k2	10.2171724	0.00139139	-0.9784296	0.06509232
Tbkbp1	10.0626098	0.00151309	-1.0355321	0.07047238
Rpa3	9.99176582	0.00157242	0.8455855	0.07291307
Upp1	9.97473508	0.00158703	-1.0693945	0.07326781
Notch1	9.94517382	0.00161272	-1.1106593	0.07412862
Csrp3	9.93203226	0.00162427	1.30319327	0.07433512
Aqp1	9.7195193	0.00182321	0.91143225	0.08307848
Homer2	9.6998681	0.00184281	1.33652721	0.08360967
Parm1	9.67547146	0.00186744	1.43246612	0.08436356
Plk1	9.64674437	0.00189687	1.03784446	0.08532694
Oip5	9.5963158	0.00194968	1.0791984	0.08732914
Ufsp1	9.57784436	0.0019694	0.85990152	0.08783836
Sqor	9.50303276	0.00205133	-1.0301927	0.09110656
Eme1	9.48244532	0.00207447	1.10514674	0.09153332
Mgst2	9.47331964	0.00208482	-1.1526691	0.09153332
Mxd3	9.47138071	0.00208702	1.14088305	0.09153332
Hoxb5	9.46214163	0.00209756	-1.0630237	0.09161378
Cenps	9.41987096	0.00214647	0.92592206	0.09314736
Hist1h2bp	9.41653793	0.00215037	1.68346511	0.09314736
Cnrip1	9.32008187	0.00226656	-0.8750085	0.09777785
Patj	9.28853682	0.00230592	-1.0963596	0.09906997

gene_symbol	waldStat	pvalue	logFC	FDR
Pf4	150.466382		0 1.56209205	0
Nkg7	137.467569		0 1.5427413	0
Hist1h1b	127.71694		0 1.77342633	0
Runx3	96.3968214		0 1.39084196	0
E2f8	88.3020437		0 1.82167059	0
Gata1	84.0984974		0 1.71001859	0
Procr	83.2613782		0 -1.8853297	0
Spc24	79.661262		0 1.42489283	0
Asf1b	75.95798		0 1.68329795	0
Slc22a3	66.8298802	3.33E-16	1.41702215	3.51E-13
Top2a	64.5350755	9.99E-16	1.30292657	9.56E-13
Trem1	62.0803456	3.33E-15	0.80097316	2.92E-12
Mfsd2b	60.8708047	6.11E-15	1.52284505	4.94E-12
Tuba8	60.6250624	6.88E-15	1.51668085	5.18E-12
Rad51ap1	59.9009707	9.99E-15	1.56911234	6.65E-12
Cenph	59.880566	1.01E-14	1.45910078	6.65E-12
Pbk	59.1462456	1.47E-14	1.5265512	9.02E-12
Rgs10	59.0473397	1.54E-14	1.65253615	9.02E-12
Hist1h2ap	58.4521771	2.09E-14	1.30029536	1.16E-11
Hist1h1a	56.1917229	6.57E-14	1.54973984	3.46E-11
Ifitm1	55.2931988	1.04E-13	-0.9777352	5.20E-11
Tyms	54.0429897	1.96E-13	1.20682643	9.39E-11
Dut	52.6082	4.07E-13	0.97608942	1.86E-10
Hist1h3c	51.4053445	7.51E-13	1.62555088	3.30E-10
Cd48	50.9274249	9.58E-13	1.7048838	4.04E-10
Pclaf	50.7476772	1.05E-12	1.37078073	4.25E-10
Hist1h2ae	50.5406122	1.17E-12	1.23027427	4.55E-10
Hmgb2	49.5755061	1.91E-12	1.03806396	7.18E-10
Tk1	49.0973158	2.44E-12	1.34755419	8.84E-10
Uhrf1	48.8119146	2.82E-12	1.31106021	9.62E-10
Icam4	48.8008595	2.83E-12	1.33952181	9.62E-10
Alcam	47.860238	4.58E-12	-1.0097929	1.51E-09
Sult1a1	47.0942785	6.77E-12	-1.754151	2.16E-09
Rrm2	45.6437321	1.42E-11	1.50322947	4.39E-09
Cd180	45.0631332	1.91E-11	2.05155252	5.74E-09
Nasp	44.8897361	2.08E-11	1.08027701	6.09E-09
Atad5	44.1451118	3.05E-11	1.32551707	8.67E-09
Gmnn	42.8309198	5.97E-11	1.12001905	1.65E-08
Mki67	41.7098485	1.06E-10	1.22806796	2.86E-08
Birc5	41.3992399	1.24E-10	1.2924279	3.27E-08
Plac8	40.3020727	2.18E-10	1.11003972	5.59E-08
Cpa3	39.6629079	3.02E-10	2.1859355	7.56E-08

Mcm10	38.6846128	4.98E-10	1.57606855	1.22E-07
Olfra417	37.184238	1.07E-09	1.94603661	2.57E-07
Clspn	36.9804608	1.19E-09	1.24059045	2.79E-07
Hist1h2ab	36.3726697	1.63E-09	1.42747836	3.69E-07
Hist2h2ac	36.353058	1.65E-09	1.30325491	3.69E-07
Lig1	36.0310353	1.94E-09	1.0686213	4.26E-07
Mybl2	34.9681258	3.35E-09	1.66612319	7.20E-07
Cd52	34.6936821	3.86E-09	1.53681093	8.12E-07
Spc25	33.7798231	6.17E-09	1.3265769	1.27E-06
Pygm	33.2065798	8.29E-09	-1.8009704	1.65E-06
H2afz	33.2055093	8.29E-09	0.88700525	1.65E-06
Itga2b	32.478839	1.20E-08	1.00976762	2.35E-06
Esco2	31.4908401	2.00E-08	1.35314727	3.83E-06
Mcm5	31.2108943	2.31E-08	1.07498891	4.35E-06
Cenps	30.029235	4.26E-08	1.19360195	7.86E-06
Ly6a	29.6567482	5.16E-08	-1.1676919	9.36E-06
Plk4	29.4533722	5.73E-08	1.22771461	1.02E-05
Gins1	28.7401558	8.28E-08	1.44206304	1.45E-05
Fen1	28.5197271	9.27E-08	1.13035316	1.60E-05
Cenpk	28.4861399	9.44E-08	1.17229176	1.60E-05
Kif15	28.349397	1.01E-07	1.24538557	1.69E-05
Fcer1a	27.7722395	1.36E-07	2.64441151	2.24E-05
Hist1h2af	27.426693	1.63E-07	1.79347923	2.62E-05
Cdca5	27.4137117	1.64E-07	1.40355651	2.62E-05
Fbxo5	26.9666944	2.07E-07	1.19449792	3.25E-05
Pde10a	26.272548	2.96E-07	1.84838368	4.59E-05
Hells	25.7778038	3.83E-07	1.09014415	5.84E-05
Lrr1	25.3064399	4.89E-07	1.78024325	7.35E-05
Kntc1	25.2741649	4.97E-07	1.69046359	7.37E-05
Cdca8	24.8825354	6.09E-07	1.10150569	8.91E-05
Ltbp1	24.7056316	6.68E-07	1.11508088	9.63E-05
Dhfr	24.4202232	7.75E-07	1.17249211	0.00011017
Ltc4s	24.0558543	9.36E-07	1.49817735	0.00013134
Shcbp1	23.9513518	9.88E-07	1.330704	0.00013684
Lmnb1	23.775291	1.08E-06	0.93919627	0.000148
Hist1h2bm	23.7477092	1.10E-06	1.53032515	0.00014821
Exo1	23.1594237	1.49E-06	1.27761536	0.00019868
Rad51	23.1281379	1.52E-06	1.24087853	0.00019941
Cdca3	23.0570453	1.57E-06	1.16285725	0.00020437
Atad2	22.4984533	2.10E-06	0.98694591	0.00026902
Tespa1	22.4819347	2.12E-06	1.77074337	0.00026902
Hist1h3b	22.3998729	2.21E-06	1.7282861	0.00027593
Cdk1	22.3874753	2.23E-06	1.06722286	0.00027593

Cst7	22.1510462	2.52E-06	1.50298566	0.00030846
Nusap1	21.9099784	2.86E-06	1.18146851	0.00034572
Cks2	21.8076211	3.01E-06	0.96941809	0.00036052
Ung	21.529302	3.48E-06	1.16569313	0.00041213
Cenpw	21.1207453	4.31E-06	1.02971676	0.00050435
Ska1	20.9802506	4.64E-06	1.3561461	0.00053129
Gp1bb	20.9789396	4.64E-06	1.642269	0.00053129
Fam46a	20.7423435	5.25E-06	1.38133471	0.00058887
Gins2	20.7406363	5.26E-06	1.09012223	0.00058887
Ltb	20.6950946	5.39E-06	-1.0327729	0.0005967
Kn1	20.505994	5.94E-06	1.13218142	0.00065179
Zfp467	20.3242554	6.54E-06	-0.848023	0.00070403
F10	20.3189858	6.55E-06	1.97048452	0.00070403
AI504432	20.0972592	7.36E-06	1.12564334	0.00078256
Cenpm	20.0629384	7.49E-06	1.05913044	0.00078876
Hist1h3f	19.9652934	7.89E-06	1.30972784	0.00082187
Cd74	19.8725269	8.28E-06	-1.4804807	0.00085188
Wfdc2	19.8592439	8.34E-06	-1.2450448	0.00085188
4930519L02R	19.3572768	1.08E-05	1.25193894	0.00109719
Chek1	19.2145936	1.17E-05	1.12003826	0.00117106
Hist1h2ak	18.9161884	1.37E-05	1.43126971	0.00135635
Tipin	18.729986	1.51E-05	0.93009452	0.00148147
Depdc1a	18.5505928	1.65E-05	1.46416604	0.00161256
Timeless	18.5202002	1.68E-05	1.12255928	0.00162345
Padi4	18.0839254	2.11E-05	-0.8853838	0.0020227
Slbp	17.8256334	2.42E-05	0.91314851	0.0022958
Aunip	17.6712552	2.63E-05	1.34433361	0.00244308
Ccne2	17.6571324	2.65E-05	1.32500286	0.00244308
Itsn1	17.6566153	2.65E-05	-1.0041923	0.00244308
Hist1h2bj	17.3292814	3.14E-05	1.23482404	0.00287686
F2r12	16.9982151	3.74E-05	1.21156997	0.00338559
Bub1	16.987236	3.76E-05	1.2464148	0.00338559
Ube2c	16.7727768	4.21E-05	1.16294405	0.00375845
Rnase6	16.085787	6.05E-05	1.16008024	0.0053547
Prim1	15.8690205	6.79E-05	0.96150066	0.00595428
Gp5	15.4281652	8.57E-05	0.99992999	0.00745531
H2afx	15.3441126	8.96E-05	0.93985937	0.00773054
Myof	15.0837883	0.00010284	-1.2785299	0.008801
Tnfaip8l2	14.9471015	0.00011057	1.35754195	0.00938578
Hist1h2bb	14.9222181	0.00011204	1.24513399	0.0094343
Ndc80	14.8250343	0.00011796	1.1707884	0.00985427
Hist1h3i	14.4692167	0.00014247	1.40364115	0.01180809
Lim2	14.3046039	0.00015548	2.15454694	0.01278614

Hmgb3	14.173473	0.0001667	0.84713185	0.01360255
Sell	13.9527502	0.00018746	1.36839798	0.01517875
Hist1h2bn	13.6516001	0.00022005	1.41753544	0.01768157
Cycs	13.5849537	0.00022801	0.90818371	0.01818173
Ncapg	13.2451376	0.00027329	1.10691003	0.02162878
St8sia4	13.2090892	0.00027859	-0.8390738	0.02188424
Ifitm7	13.0792238	0.00029859	-0.9020059	0.02328111
Rpa3	13.0635379	0.0003011	0.90041341	0.02330427
Plek	13.0295703	0.00030661	0.86793872	0.02355756
Prex2	12.9970525	0.00031198	-1.2625074	0.02379652
Crip1	12.9417067	0.00032134	0.83837049	0.02433414
Eme1	12.9240393	0.00032439	1.26735224	0.02438943
Hist1h4a	12.7795185	0.00035044	1.49920493	0.02616085
Rad54b	12.6896234	0.00036769	1.4074456	0.02725569
Prc1	12.6406693	0.00037744	1.0421067	0.02778311
Rad54l	12.6248324	0.00038066	1.12888071	0.0278249
Neil3	12.5911035	0.00038759	1.09337031	0.02813616
Hist2h2bb	12.4765577	0.00041209	1.29117274	0.02971006
Ncaph	12.3255812	0.00044679	1.16957279	0.0319928
Plcl1	12.0851857	0.00050824	-1.2104167	0.03614688
Hist1h3a	11.9899205	0.00053489	1.21900356	0.03778698
Fcgrt	11.9523691	0.00054578	-1.1032952	0.03829916
Tcf19	11.7349852	0.00061336	1.30224279	0.04275652
Mxd3	11.6689755	0.00063551	1.28186073	0.04400907
Proser2	11.4016711	0.00073378	1.21801013	0.05048219
Aurkb	11.3483456	0.00075515	1.03609432	0.05161514
Btnl9	11.1646771	0.00083369	1.5055003	0.05661594
Hlf	11.1234547	0.00085243	-0.8513656	0.05751708
Ubash3a	11.0487825	0.00088745	1.85357203	0.05949902
I830077J02Ri	10.9588097	0.0009316	1.53835318	0.06206319
Tpx2	10.9209836	0.00095081	1.00652574	0.06294489
Ecscr	10.8298439	0.00099877	-1.080385	0.06570662
Cenpp	10.7716532	0.00103066	1.0434569	0.06738367
Trip13	10.596467	0.00113304	1.03823736	0.0736196
Mex3b	10.5590917	0.00115618	1.56897723	0.07466227
Sgo2a	10.4147962	0.0012501	1.11907158	0.08023485
Ccna2	10.2136044	0.00139408	1.01221647	0.08893414
Ezh2	10.1122801	0.00147285	0.85081017	0.09339265
Lhfpl2	10.0964991	0.00148551	1.18482651	0.09363177
Serpinb1a	10.0567606	0.0015179	0.87733497	0.09510359
Fam72a	9.96910083	0.00159189	1.72651709	0.09914945
Clec1a	9.94564536	0.0016123	-0.9943342	0.09983003

gene_symbol	waldStat	pvalue	logFC	FDR
Ly6c2	1255.73357		0 3.77935894	0
Elane	1162.14761		0 2.58677164	0
F13a1	1069.15657		0 2.4063	0
Ms4a6c	998.192873		0 1.80841214	0
Ly86	984.091512		0 2.14942928	0
Tifab	745.714191		0 2.31337054	0
Ctla2a	660.647924		0 -1.7723341	0
Slpi	645.917193		0 1.86800466	0
Dntt	496.126881		0 -3.1574029	0
Myl10	468.897255		0 -2.1739189	0
Tox	436.357589		0 -2.2711979	0
Ccr2	413.123843		0 2.0604797	0
Hp	338.407772		0 1.82005942	0
Ms4a3	319.435539		0 2.04704206	0
Prtn3	310.229876		0 1.14224034	0
Ifi209	283.342587		0 1.87261028	0
Fcer1g	275.796965		0 1.25552727	0
Lgals1	260.05054		0 1.28361701	0
Trim30b	247.703069		0 -2.005275	0
Prkcq	234.184846		0 -1.4334613	0
Armc3	212.917725		0 -1.7236853	0
Gabbr1	211.136021		0 -1.4528292	0
Mefv	210.318054		0 3.82535734	0
Slc16a11	208.495104		0 -2.4679426	0
Sep-01	198.089519		0 -1.3382871	0
Igsf6	188.404952		0 1.53295997	0
Gimap1	188.368339		0 -1.7231479	0
Ctsh	184.563635		0 1.94591308	0
Gem	169.738723		0 -1.717365	0
Cadps2	167.544891		0 -1.7462742	0
Gcnt2	158.44018		0 -1.3228635	0
Gm5111	157.118264		0 -2.4518958	0
Robo4	155.726521		0 -1.7472373	0
Cybb	153.469525		0 3.0219022	0
Nrg1	147.55898		0 2.84828909	0
Alas1	145.345855		0 1.27317939	0
Aspa	144.675408		0 -1.9330769	0
Klhl4	142.809966		0 -1.6901841	0
Anxa3	136.547594		0 1.24196513	0
Itga1	129.218395		0 2.64157208	0
Wfdc17	128.109789		0 -1.7511108	0
Cldn15	126.522151		0 2.25504662	0

Pabpc4l	124.384144	0	-2.0260884	0
Hlf	123.422429	0	-1.4214012	0
Fcgr3	121.84978	0	1.8228599	0
Ctla2b	121.767579	0	-1.5363363	0
Scml4	115.706182	0	-1.6277134	0
Mpo	113.658808	0	1.06825116	0
Igf2r	106.665238	0	-1.6219367	0
Mt1	105.80695	0	1.40927987	0
Cx3cr1	104.626586	0	1.73345211	0
Mgst1	104.249185	0	1.35368492	0
Dkk1	103.325272	0	-1.857801	0
Csf1r	102.269727	0	1.39286836	0
Slc22a3	101.419681	0	-1.9471688	0
Gucy1a1	100.895058	0	-2.1790148	0
Ly6c1	100.799008	0	3.87866606	0
Trem3	100.180599	0	1.71099591	0
Arhgap6	99.396169	0	-0.9821066	0
Nrgn	98.8552464	0	-1.1677046	0
Gimap6	98.5607991	0	-1.5262164	0
Gm16070	98.491159	0	-3.0373471	0
Al839979	91.7080474	0	2.73658791	0
Spns2	91.6380374	0	-1.4480758	0
Ms4a4c	89.8287348	0	2.03061647	0
Xrcc5	89.0096264	0	-1.758332	0
Tyrobp	88.0589213	0	0.99334061	0
P2ry14	84.6691109	0	-1.5759435	0
Ctnn	84.6410475	0	-1.0982782	0
Nrp1	84.0005501	0	1.73282218	0
Ccdc149	78.8569049	0	-1.6399395	0
Adgrl4	76.1962783	0	-1.0395099	0
Il17re	73.6931416	0	-2.6744567	0
Angpt1	73.1182164	0	-1.1300699	0
Gpc1	71.1411447	0	1.76361203	0
Gm14005	70.5855919	0	1.08022319	0
Rgs1	70.3285227	0	-1.6344612	0
Gfi1b	68.8241128	1.11E-16	-1.5085627	1.48E-14
Tbxa2r	68.1544273	1.11E-16	-1.8317418	1.48E-14
Serpib6b	66.0206117	4.44E-16	-1.0925226	5.84E-14
Gm19590	64.0021989	1.22E-15	-1.3067721	1.59E-13
Cd200	63.8276347	1.33E-15	-1.3608719	1.71E-13
Oas3	62.1476327	3.22E-15	-1.1853271	4.08E-13
Rnd2	60.374548	7.88E-15	-1.4374954	9.88E-13
F11r	59.0853397	1.51E-14	-2.2602045	1.87E-12

C030037D09I	56.3550918	6.05E-14	-1.4886066	7.41E-12
Zfp831	56.2422587	6.41E-14	-2.5256495	7.75E-12
Ddx58	54.8057641	1.33E-13	-1.6324446	1.59E-11
Adora2a	54.2300815	1.78E-13	-1.6922876	2.11E-11
Lrrn4	52.2441154	4.90E-13	-1.4215854	5.73E-11
Ctsw	51.3976186	7.54E-13	-1.8443393	8.73E-11
Gm20467	51.2303657	8.21E-13	-1.9747417	9.40E-11
Gda	51.0913435	8.82E-13	2.01464028	9.98E-11
Nfatc2	50.8928438	9.75E-13	-1.4794106	1.09E-10
Nkx2-3	49.9429138	1.58E-12	-1.9807633	1.75E-10
Itih5	49.7911835	1.71E-12	-1.068831	1.88E-10
Alpk3	49.7661228	1.73E-12	-1.4113897	1.88E-10
Casp12	49.6615951	1.83E-12	-1.1094724	1.96E-10
Timp2	49.3303714	2.16E-12	-0.9341719	2.30E-10
Prkaa2	48.6361156	3.08E-12	-1.3626612	3.24E-10
Dcaf12l1	47.425618	5.71E-12	-1.2634055	5.95E-10
Pld4	47.1865667	6.45E-12	1.46611769	6.66E-10
Tmem121	46.3769267	9.76E-12	-2.4398767	9.85E-10
Ccl3	46.3662433	9.81E-12	-1.5453812	9.85E-10
Ms4a4b	46.3629819	9.83E-12	1.31292125	9.85E-10
Rtp4	46.0597273	1.15E-11	-1.5790333	1.14E-09
Soat1	45.9479696	1.21E-11	1.18986283	1.19E-09
Tnfrsf18	45.2605346	1.72E-11	-1.5191414	1.67E-09
Crispld1	45.2498665	1.73E-11	-1.4989303	1.67E-09
Dmkn	45.2209605	1.76E-11	1.53309483	1.68E-09
Rab37	44.8371853	2.14E-11	-1.0686648	2.03E-09
Odf3b	44.1172958	3.09E-11	-1.7619595	2.91E-09
Hoxa10	43.7752464	3.68E-11	-1.3893741	3.43E-09
Gm43568	43.160794	5.04E-11	-1.2868565	4.66E-09
Pgr	42.8504915	5.91E-11	-2.3749979	5.41E-09
Samd9l	42.7348064	6.27E-11	-1.8252848	5.69E-09
Gnb4	41.5463128	1.15E-10	-1.1586314	1.03E-08
Sdf2l1	41.5404255	1.15E-10	0.96278103	1.03E-08
Stxbp4	40.6440446	1.83E-10	-1.2694198	1.62E-08
Gulp1	40.450169	2.02E-10	-1.5999624	1.76E-08
Pglyrp2	40.4436593	2.02E-10	-1.7426949	1.76E-08
Gimap5	39.551927	3.19E-10	-1.7844433	2.76E-08
Cldn12	39.2332203	3.76E-10	-1.2705598	3.22E-08
Nrxn1	38.0934002	6.74E-10	-0.8843539	5.73E-08
Oas1c	37.5734353	8.80E-10	-1.3884667	7.41E-08
Map9	36.9832301	1.19E-09	-1.0638995	9.95E-08
Arl5c	36.9036835	1.24E-09	1.41821503	1.03E-07
Met	36.635245	1.42E-09	1.65204051	1.17E-07

Lck	36.4265089	1.59E-09	-1.903465	1.29E-07
Tmem156	36.251375	1.73E-09	1.42997314	1.40E-07
S1pr1	36.2291281	1.75E-09	-2.1690669	1.41E-07
Ccl4	35.4724138	2.59E-09	-1.341571	2.06E-07
Irf8	35.3401326	2.77E-09	0.89540035	2.19E-07
Trp53i11	35.2656545	2.88E-09	-1.2775955	2.26E-07
Hnf4a	33.9492672	5.66E-09	-3.1628216	4.41E-07
Mtus1	33.9033916	5.79E-09	1.39036469	4.48E-07
Cd72	33.8250097	6.03E-09	-1.1845651	4.63E-07
Tspan6	32.2707235	1.34E-08	-1.3582794	1.02E-06
Rgcc	32.2624531	1.35E-08	1.11112279	1.02E-06
C77080	32.1379593	1.44E-08	-2.0191125	1.08E-06
Sgce	32.0655817	1.49E-08	-1.8693302	1.11E-06
Spo11	31.6673673	1.83E-08	-1.8620804	1.36E-06
Dlg3	31.5585775	1.94E-08	-0.9760041	1.42E-06
Ltc4s	31.2078914	2.32E-08	-1.3227444	1.69E-06
Ccser1	30.5920768	3.18E-08	-2.0907777	2.31E-06
Ptprcap	30.5752429	3.21E-08	-0.8491224	2.32E-06
Tspan13	29.9404646	4.46E-08	-0.8973371	3.19E-06
Epb41l3	29.7960722	4.80E-08	-1.6360401	3.41E-06
Lsp1	29.6719114	5.12E-08	-0.9476364	3.62E-06
Il2rg	29.5803543	5.36E-08	-0.9550239	3.76E-06
Sstr2	29.3141295	6.15E-08	-1.981084	4.29E-06
Nrg2	29.1673286	6.64E-08	1.26165419	4.60E-06
Fzd6	28.9806059	7.31E-08	-0.9839847	5.03E-06
Tnik	28.9368238	7.48E-08	-1.4090342	5.11E-06
Sall2	28.7613145	8.19E-08	-1.2852119	5.56E-06
Basp1	28.6765025	8.55E-08	-0.9802201	5.77E-06
Gimap9	28.3736117	1.00E-07	-1.0820791	6.71E-06
H2-Aa	27.8750786	1.29E-07	-1.4192951	8.62E-06
Mcoln2	27.6740494	1.44E-07	-1.4018513	9.51E-06
Sgsm1	27.6152027	1.48E-07	-1.7329718	9.74E-06
Rassf4	27.5263793	1.55E-07	1.04332483	1.01E-05
Adgrg1	27.4341302	1.63E-07	-0.9216456	1.06E-05
Gm16141	27.1782746	1.86E-07	-1.160922	1.20E-05
Bgn	26.7446206	2.32E-07	-2.1906817	1.49E-05
Tfec	26.4872491	2.65E-07	1.08608029	1.69E-05
Carmil2	26.2472089	3.00E-07	-1.3126419	1.90E-05
Myct1	26.0799699	3.28E-07	-1.0870121	2.06E-05
Ppfia4	25.7041082	3.98E-07	1.27757084	2.49E-05
Gm15987	25.6705361	4.05E-07	1.28526002	2.52E-05
Padi4	25.6144172	4.17E-07	-1.0053676	2.58E-05
Ctsg	25.5898897	4.22E-07	0.89563439	2.60E-05

Syt11	25.4741489	4.48E-07	-0.8887438	2.74E-05
Pnck	25.1109651	5.41E-07	-1.2485923	3.29E-05
Vldlr	25.0323495	5.64E-07	-1.4793107	3.41E-05
Thbs1	24.3272863	8.13E-07	-1.6283069	4.89E-05
Calcr1	23.9739786	9.76E-07	-1.0516431	5.84E-05
Camkk1	23.7198759	1.11E-06	-1.0463062	6.63E-05
Msi2	23.6672196	1.15E-06	-0.8807148	6.77E-05
Plscr4	23.5124519	1.24E-06	-1.6187048	7.30E-05
Shisa8	23.477751	1.26E-06	-1.1896052	7.39E-05
Prkca	23.1918593	1.47E-06	-0.9102879	8.53E-05
Ddx4	23.1079829	1.53E-06	-1.955883	8.86E-05
Hoxb5	23.0623637	1.57E-06	-1.9246067	8.98E-05
Marveld2	23.060359	1.57E-06	-2.1878066	8.98E-05
Cep170b	22.8935653	1.71E-06	-1.0295237	9.74E-05
Pear1	22.5518472	2.05E-06	-1.172419	0.00011577
Gata3	22.365445	2.25E-06	-1.516304	0.00012688
Hbb-bt	21.6965439	3.19E-06	-1.2039249	0.00017883
Cd274	21.3853066	3.76E-06	-0.9244089	0.00020922
H2-Ob	21.0641764	4.44E-06	-1.1755972	0.00024608
Mdga1	20.9052555	4.83E-06	-1.2393157	0.00026597
Aldoc	20.7415659	5.26E-06	-1.3286101	0.00028819
Nqo1	20.5913019	5.69E-06	-1.0732022	0.0003101
Ccnjl	20.5554999	5.79E-06	-1.5067898	0.00031433
Scn1b	20.5097328	5.93E-06	-1.7745881	0.00032028
Dram1	20.4635579	6.08E-06	1.24496438	0.00032643
Lat	20.4199346	6.22E-06	-1.3139981	0.00033226
Mpeg1	19.9158409	8.09E-06	1.06236831	0.00043006
App	19.9071126	8.13E-06	1.08877314	0.00043006
Il18rap	19.8016598	8.59E-06	-1.1518094	0.00045218
Dmwd	19.6743201	9.18E-06	-1.3820557	0.00048093
Ets1	19.5161036	9.98E-06	-1.3508445	0.00051986
Hspa12b	19.4248242	1.05E-05	-2.51998	0.00054262
Tmem37	19.3857097	1.07E-05	-1.2120811	0.00055114
Tjp1	19.0629058	1.26E-05	-1.988108	0.00064949
Bend5	19.0163699	1.30E-05	-1.3645768	0.00066229
Mn1	18.9554041	1.34E-05	-1.4625046	0.00068049
Cd55	18.8696991	1.40E-05	-1.6321684	0.00070834
Meis1	18.7597161	1.48E-05	-0.9370059	0.00074679
Gm26632	18.7368389	1.50E-05	-0.9801356	0.00075221
Lag3	18.5272514	1.67E-05	-1.4862782	0.00083564
Hemgn	18.4503263	1.74E-05	-1.3908373	0.00086595
Zeb2os	18.3198523	1.87E-05	0.98268574	0.00092297
Ablim1	18.2548012	1.93E-05	-1.1569095	0.00095057

Dst	18.1952168	1.99E-05	-1.1813161	0.00097621
Oasl2	18.1280708	2.07E-05	-1.1452973	0.00100657
Plxna4os1	17.8651868	2.37E-05	-1.2685206	0.0011503
Samd12	17.7451889	2.53E-05	-1.6218563	0.00121956
Il18r1	17.6747529	2.62E-05	-1.6232956	0.00125979
Clnk	17.4308814	2.98E-05	-1.2331639	0.00142567
Slc18a2	17.3690892	3.08E-05	-1.21966	0.00146612
Fgfr1	17.319159	3.16E-05	-1.3673518	0.00149837
Adcy9	17.1656929	3.43E-05	-0.89744	0.00161713
Abcd2	17.1087553	3.53E-05	1.06727619	0.0016589
Gria3	17.0898428	3.57E-05	0.92205894	0.00166806
Zfp532	17.0514141	3.64E-05	-1.2593072	0.00169463
Tas1r1	16.8188056	4.11E-05	-1.00841	0.00190709
Rnase6	16.7836374	4.19E-05	-1.0684625	0.00193424
Naprt	16.7282341	4.31E-05	-1.197404	0.00198286
Ap3s1	16.6353054	4.53E-05	0.83236227	0.00207336
Slc16a12	16.1291009	5.92E-05	-2.5778098	0.00269636
ldh1	15.7580332	7.20E-05	0.93845186	0.00326617
Vipr2	15.7129088	7.37E-05	-1.0585994	0.00333066
Arhgef40	15.3123827	9.11E-05	-1.1215671	0.00409911
Adcy6	15.3037894	9.15E-05	-0.9261848	0.00410028
Rnf180	15.2412057	9.46E-05	-1.0894898	0.00422045
Fdps	15.1094347	0.00010145	0.87910028	0.00450023
Fkbp1b	15.1040736	0.00010174	1.50609693	0.00450023
Il6st	15.0654403	0.00010385	0.97679671	0.00457406
Ltb	15.0453029	0.00010496	-1.08241	0.00460386
Phldb2	14.9424714	0.00011084	-0.9651456	0.00484152
Il1r1	14.8704246	0.00011515	-1.0510723	0.00500921
Smim6	14.8517178	0.0001163	-1.3157723	0.00503832
Pde4b	14.7831801	0.00012061	-0.9280253	0.00520338
Tnfsf10	14.6642771	0.00012846	-0.9931343	0.0055195
Rbp1	14.5102409	0.0001394	-1.0227477	0.00596529
Slc16a2	14.3272961	0.00015362	-2.6459343	0.00654725
Cuedc1	14.1873868	0.00016548	-1.2403201	0.00702406
Tinagl1	13.9047244	0.00019231	-2.219854	0.0081305
Mpped2	13.875783	0.0001953	-1.2461652	0.00822364
Trib3	13.7000885	0.00021444	-2.1072906	0.00899385
Rsad2	13.4855986	0.0002404	-1.2758897	0.01004248
Slc30a4	13.3634481	0.00025658	-1.1451421	0.0106758
Hmga2	13.1768613	0.00028343	-1.0037886	0.0117466
Chd7	13.1037259	0.00029471	1.34608769	0.01216628
Tanc1	13.0290203	0.0003067	-1.1580175	0.01261188
Cd244	12.9332235	0.0003228	-1.0454275	0.0132223

Gm1604a	12.8624246	0.00033525	1.00379232	0.01367881
Cobll1	12.8436518	0.00033863	-1.0527408	0.01376339
Unc93b1	12.6554982	0.00037446	0.85232994	0.01516142
Socs3	12.3891442	0.00043184	-1.2480883	0.01741743
Il12rb1	12.2303908	0.00047017	-0.9473451	0.01889128
Camsap3	11.8775928	0.00056813	-1.2802332	0.02274045
Prkg1	11.6987997	0.0006254	-1.6793307	0.024938
Camk2a	11.6774248	0.00063263	-0.9873633	0.02513094
Aqp9	11.5901181	0.00066303	-1.5191991	0.02623962
Pim1	11.4045993	0.00073263	-0.8180857	0.02888518
Ecscr	11.3192679	0.00076707	-1.2914714	0.03013037
Igfc1	11.3059926	0.00077257	-1.1260978	0.03023375
1500009L16R	11.2520711	0.00079534	-1.0450396	0.03100951
Ppp1r9a	10.9319459	0.0009452	-0.8956389	0.03671638
Nlrc3	10.8483731	0.00098883	-1.1534178	0.03821783
Gm15261	10.8440916	0.00099111	-0.9635737	0.03821783
Gsr	10.8330004	0.00099707	0.84347217	0.03830711
Klrb1f	10.4619884	0.00121856	0.9844606	0.04664649
Cfp	10.4544413	0.00122355	0.92843591	0.04666776
Eya2	10.1180439	0.00146825	-1.5099057	0.0557987
Ptn	9.96196077	0.00159808	-2.6325093	0.06051426
Paqr5	9.87362767	0.00167665	-1.1058278	0.06326184
Chdh	9.7702894	0.00177355	0.91570951	0.06667897
Cysltr2	9.7572918	0.00178613	-1.1900286	0.06690858
Palld	9.7508847	0.00179236	-1.2715381	0.06690858
Sorbs3	9.49295569	0.00206262	-0.8922811	0.07672519
Rab7b	9.47027539	0.00208828	1.08812744	0.07740608
Sox6	9.39136134	0.0021801	-1.628902	0.08042374
Msrb3	9.38727204	0.00218497	-1.3226095	0.08042374
Tspoap1	9.37272608	0.00220238	1.05500195	0.08078198
Padi1	9.33179501	0.00225212	-1.3600765	0.08231955
Gm16140	9.25728858	0.0023456	-1.5148672	0.08543991
Mecom	8.97959435	0.00273011	-1.0351024	0.09910308

gene_symbol	waldStat	pvalue	logFC	FDR
Ly6c2	1727.71903	0	2.73101903	0
Dstn	1392.1769	0	1.92065986	0
Elane	1275.91971	0	1.80474262	0
Gstm1	888.323537	0	1.53239425	0
Ms4a3	759.215426	0	1.43330428	0
Pglyrp1	741.546872	0	1.69006591	0
Rgcc	709.045026	0	1.51858978	0
S100a8	708.425553	0	3.60969081	0
Ifitm1	646.534052	0	-1.5584534	0
Alas1	626.896206	0	1.44961617	0
Wfdc21	624.646478	0	4.83608887	0
Ctla2a	616.656801	0	-1.6497897	0
Clec4a2	586.936394	0	4.37773833	0
Ltb4r1	539.724314	0	1.79150959	0
Nucb2	487.835694	0	2.36699781	0
Trem3	423.514434	0	1.46811019	0
B4galt6	417.419912	0	2.06184692	0
Hsd11b1	406.014738	0	2.65157662	0
Clec12a	401.752032	0	1.34399799	0
Cldn15	383.480287	0	1.69677179	0
Ikzf2	382.142539	0	-1.5375894	0
Ifngr1	379.824684	0	1.26404783	0
Angpt1	378.326888	0	-1.6134114	0
Fcgr3	364.808859	0	1.42931831	0
Adgrg1	354.677902	0	-1.3923075	0
Sgms2	328.62328	0	2.85848577	0
Nrgn	317.064299	0	-1.4709203	0
Rflnb	290.593748	0	2.28909335	0
Pde4d	283.202084	0	1.41721651	0
Casp12	272.656904	0	-1.3748588	0
Cst7	270.945056	0	1.14239506	0
G0s2	266.277876	0	2.80145286	0
S100a11	262.883044	0	1.04398762	0
Prom1	256.454976	0	3.28804962	0
Vcam1	256.135966	0	3.47229157	0
Myct1	255.683311	0	-1.5845706	0
Slpi	251.09048	0	1.29786122	0
Emcn	249.305571	0	-1.3574197	0
S1pr1	236.697996	0	-1.9955331	0
Prtn3	233.276489	0	0.97932331	0
Nkg7	223.872978	0	1.06374942	0
Tespa1	221.402426	0	-1.3871578	0

Srgn	203.666532	0	0.89178687	0
Gsr	197.817038	0	1.06817496	0
Chst13	195.454368	0	1.4332531	0
Gata2	190.418032	0	-1.59151	0
Afap1	190.400617	0	1.7833404	0
Chd7	188.383458	0	1.94222031	0
Prss57	187.536293	0	1.11312379	0
Mgl2	178.984459	0	1.89419663	0
Gimap1	177.161136	0	-1.7612624	0
Cd34	171.461834	0	-1.0352505	0
Mt1	164.609984	0	1.19448449	0
Fam181b	161.320129	0	-2.2698585	0
Serpine2	154.100638	0	1.69647209	0
Maml2	147.555533	0	-1.3293711	0
Mcoln2	146.72334	0	-1.4088435	0
Gm21188	143.601367	0	1.95374795	0
Bach2	142.458743	0	-1.4015997	0
Gda	141.360829	0	1.4190739	0
Selenom	139.931532	0	1.24183154	0
Selp	139.372545	0	-2.3256871	0
Mgst2	138.832123	0	1.44764909	0
Slc22a3	130.471821	0	-1.6744542	0
Mgam	130.438186	0	2.33479659	0
Cited4	127.837923	0	1.79628817	0
Cpa3	123.219183	0	-1.6206802	0
Slc40a1	123.069068	0	2.82993394	0
Cd63	121.792112	0	0.97936278	0
Zfp36l1	119.609989	0	-1.0365297	0
Apoe	118.850358	0	-1.2321618	0
Muc13	116.454218	0	-1.1425565	0
Gm19590	115.505133	0	-1.7383747	0
Flt3	114.809034	0	-1.6978757	0
Fyb	105.881979	0	-1.2729889	0
Il18	105.744766	0	-1.4921906	0
Cuedc1	95.0040848	0	-1.60604	0
Smim5	93.6055053	0	-1.4669716	0
Bend5	92.0025203	0	-1.3348769	0
Map4k4	91.5711925	0	-1.2305941	0
Trp53cor1	89.1626548	0	-1.3730366	0
Ccdc125	85.4981775	0	1.23409803	0
Lta4h	85.0588577	0	0.98264535	0
Ndrp1	82.0476381	0	-1.308135	0
Clec5a	80.4856041	0	1.69517591	0

Cxcr2	80.4624942	0	-1.5111445	0
Cebpe	78.9074314	0	1.0301733	0
Lair1	78.1450166	0	1.23870552	0
Lat2	75.9574066	0	-1.3108474	0
Hmga2	75.8685599	0	-1.7956807	0
Sat1	73.4796777	0	1.04508848	0
Serpina3g	72.8550709	0	-1.2413818	0
Klk8	70.9583439	0	-1.0667791	0
Mfge8	68.9226448	1.11E-16	-1.2920882	1.22E-14
Ndrp2	68.6024894	1.11E-16	1.64001927	1.22E-14
Anxa3	67.3230759	2.22E-16	0.92850722	2.42E-14
1500009L16R	66.59603	3.33E-16	-1.625396	3.55E-14
Cnrip1	66.594134	3.33E-16	-2.3522644	3.55E-14
Med21	65.7086416	5.55E-16	0.92825791	5.80E-14
Ifi203	65.6863693	5.55E-16	-1.0507023	5.80E-14
Rbp1	64.7707145	8.88E-16	-1.3643314	9.10E-14
Ddah2	64.727865	8.88E-16	-1.4858889	9.10E-14
Prdx5	64.2137821	1.11E-15	0.84207821	1.13E-13
BC051537	63.6499721	1.44E-15	-1.5268867	1.45E-13
Wfdc17	63.4621037	1.67E-15	-1.9236729	1.64E-13
Plek	63.4145901	1.67E-15	-1.3115915	1.64E-13
Tmem53	62.7808872	2.33E-15	2.0653758	2.28E-13
Rnase6	61.6856849	4.00E-15	-1.6878591	3.87E-13
Pnck	61.653073	4.11E-15	-1.1040724	3.94E-13
Gnb4	61.425551	4.55E-15	-1.30285	4.32E-13
Pou2f2	59.980479	9.55E-15	-1.0873142	8.99E-13
Gpr45	59.4661859	1.24E-14	-1.3577086	1.16E-12
Milr1	57.2349523	3.86E-14	-1.1553066	3.57E-12
Basp1	55.6627738	8.60E-14	-1.2417924	7.88E-12
Naprt	55.1120467	1.14E-13	-1.0187495	1.03E-11
AI504432	54.1963395	1.81E-13	-1.3736218	1.63E-11
Ripor1	54.0755842	1.93E-13	-1.0497742	1.72E-11
Cracr2b	53.22587	2.97E-13	1.84404974	2.63E-11
Bcl2	52.6086742	4.07E-13	-0.9913421	3.57E-11
Spns2	52.117708	5.23E-13	-1.1078821	4.55E-11
Dlg2	51.3114994	7.88E-13	2.44836196	6.80E-11
Rab37	51.0366305	9.07E-13	-1.1295686	7.76E-11
Hebp1	50.1427085	1.43E-12	1.05939687	1.21E-10
Gca	50.1408398	1.43E-12	1.56487276	1.21E-10
Ptgr1	49.2192573	2.29E-12	1.07814224	1.91E-10
Fyn	48.6914043	3.00E-12	-1.2296585	2.48E-10
Marveld2	47.7963763	4.73E-12	-1.2745281	3.89E-10
Slc18a2	47.7307446	4.89E-12	-1.3158851	3.99E-10

Ncf1	47.4741778	5.57E-12	1.05894193	4.51E-10
Slc7a8	43.1974501	4.95E-11	-1.278946	3.98E-09
Ctxn1	41.9398901	9.41E-11	-1.6292152	7.51E-09
Meis1	41.4201896	1.23E-10	-1.0135777	9.72E-09
Rbpms	41.4010157	1.24E-10	-0.9529544	9.74E-09
Rgs1	40.2952227	2.18E-10	-1.3437326	1.70E-08
Homer2	39.0546298	4.12E-10	-1.5731701	3.19E-08
Itga2	38.8432807	4.59E-10	-1.1589498	3.53E-08
Fam117a	38.7885242	4.72E-10	-0.9266955	3.60E-08
Lsp1	38.6192026	5.15E-10	-1.0539248	3.90E-08
C3	38.3263497	5.98E-10	1.1911788	4.50E-08
Sox4	38.2415663	6.25E-10	-0.8637972	4.66E-08
Agps	37.7489952	8.05E-10	1.02413977	5.96E-08
Sox6	37.4154725	9.55E-10	-1.6217618	7.02E-08
Ptms	37.229656	1.05E-09	-1.1385287	7.67E-08
Gprc5b	37.0554828	1.15E-09	-2.3560856	8.33E-08
H2-T23	36.7669565	1.33E-09	-0.9013999	9.59E-08
Coro2a	36.4851656	1.54E-09	-1.0008997	1.10E-07
Tspan13	36.2591131	1.73E-09	-0.958346	1.23E-07
Bpifc	36.0122397	1.96E-09	-1.276548	1.38E-07
Tnfrsf13c	35.6956974	2.31E-09	-1.7741787	1.62E-07
Dmkn	35.3454978	2.76E-09	0.9580088	1.92E-07
Dhrs3	34.921458	3.43E-09	-1.1314897	2.37E-07
Slc35f2	34.1756211	5.04E-09	-2.2813399	3.46E-07
Tgfb1	34.1049836	5.22E-09	-1.4550674	3.57E-07
Vegfa	33.4387041	7.35E-09	1.26858871	4.99E-07
Slc16a11	32.9816581	9.30E-09	-1.7173543	6.27E-07
Rgs3	32.3064733	1.32E-08	-1.0101232	8.82E-07
Ipcef1	31.4469164	2.05E-08	-1.8474627	1.36E-06
Mdga1	30.8963966	2.72E-08	-1.0678592	1.80E-06
Hhex	29.6775809	5.10E-08	-0.883079	3.35E-06
Igfbp7	29.4245512	5.81E-08	-1.4443652	3.80E-06
Hp	28.4948523	9.39E-08	0.8583406	6.10E-06
Abcb1b	28.3846155	9.95E-08	-1.2520568	6.41E-06
Ctsh	28.2265842	1.08E-07	1.23107171	6.92E-06
Rgl1	28.1259027	1.14E-07	-1.8761835	7.24E-06
Gm17473	27.7975812	1.35E-07	-1.6319405	8.53E-06
Rcn3	27.5549971	1.53E-07	-0.8394027	9.61E-06
Neu1	27.4185869	1.64E-07	1.03105913	1.02E-05
Prkg1	27.3723536	1.68E-07	-1.5290528	1.04E-05
Fam241a	27.1125434	1.92E-07	0.95968059	1.19E-05
Arhgap6	26.8338809	2.22E-07	-1.1282747	1.36E-05
Uchl1	26.8259829	2.23E-07	-1.729771	1.36E-05

Gcnt2	26.6976981	2.38E-07	-1.0271866	1.44E-05
Irf8	26.6217145	2.47E-07	-1.026195	1.49E-05
Arsb	25.7065114	3.97E-07	0.9584946	2.39E-05
Auts2	25.6727267	4.05E-07	-1.2222446	2.41E-05
Tpm4	25.2359408	5.07E-07	-1.5442873	3.01E-05
Sh3glb1	24.8743597	6.12E-07	-0.8850456	3.61E-05
Siglecg	24.8592094	6.17E-07	1.12134111	3.62E-05
Ncam1	24.7290809	6.60E-07	1.01517295	3.85E-05
Far2	24.6472565	6.88E-07	1.2157654	4.00E-05
Ssbp2	24.4148495	7.77E-07	-0.8690149	4.48E-05
Bgn	24.3466197	8.05E-07	-1.8504669	4.62E-05
Gimap6	23.4270555	1.30E-06	-1.1708932	7.41E-05
Tns1	23.2512289	1.42E-06	-1.1689341	8.07E-05
Fam160a2	22.49317	2.11E-06	1.32086383	0.00011908
Fkbp11	22.2990315	2.33E-06	0.86304048	0.00013104
B4galnt4	22.27417	2.36E-06	-2.0609405	0.00013204
Vldlr	22.071386	2.63E-06	-1.4280691	0.00014596
Tslp	21.9174103	2.85E-06	1.08541137	0.00015732
Dapp1	21.699383	3.19E-06	-0.8183764	0.00017532
Epb41l3	20.9925239	4.61E-06	-2.8774379	0.00025217
Ccdc112	20.8140496	5.06E-06	-1.3289788	0.00027535
Tmem268	20.6645405	5.47E-06	-2.177346	0.00029617
Fam171a2	20.4406943	6.15E-06	-1.5941652	0.00033119
Adam17	20.3187935	6.56E-06	-0.9401059	0.00035117
Padi2	20.0315095	7.62E-06	-1.2856805	0.00040599
Gimap5	19.7672194	8.75E-06	-1.5978373	0.00046381
Ppp1r13b	19.757076	8.79E-06	-1.0128501	0.00046393
Trim45	19.6026494	9.53E-06	1.00048792	0.00050045
Fcor	19.5287596	9.91E-06	1.01508678	0.00051758
Rgs7bp	18.8472009	1.42E-05	-1.5198493	0.00073599
Hacd4	18.7873214	1.46E-05	-1.2573281	0.00075335
Epb41l4b	18.7838747	1.46E-05	-1.3942152	0.00075335
Ifitm3	18.5280711	1.67E-05	-0.8047863	0.00085729
Gm20467	18.4843617	1.71E-05	-2.5057256	0.0008729
Trim47	18.4510117	1.74E-05	-1.4200873	0.000884
Lag3	18.1807454	2.01E-05	-1.5270069	0.00101382
Hlf	18.0751121	2.12E-05	-0.9485797	0.00106649
B430010l23R	17.8338912	2.41E-05	1.23552234	0.00120479
Pear1	17.6591973	2.64E-05	-1.0838927	0.00131438
Dach1	17.5496988	2.80E-05	-0.9111922	0.00138568
Rab27b	17.4404199	2.96E-05	-1.7834172	0.00146074
Hivep2	17.2504008	3.28E-05	-1.2839416	0.00160676
Cpxm1	17.2057596	3.35E-05	-1.4261219	0.00163728

C030037D09I	17.0776025	3.59E-05	-1.1821448	0.00174046
Aldoc	17.0720049	3.60E-05	-1.5492714	0.00174046
Zfpm1	16.956683	3.82E-05	-0.9249895	0.00184093
Itgb7	16.9471412	3.84E-05	-1.3285099	0.00184171
Tmem98	16.8645408	4.01E-05	-1.342593	0.00191484
Zfp831	16.7103979	4.35E-05	-1.4831919	0.00206744
Klhl4	16.3994333	5.13E-05	-1.6272089	0.00242482
Gfi1b	16.3512455	5.26E-05	-1.2489851	0.00247606
Efna4	16.2674269	5.50E-05	-1.5323113	0.00257643
Fam129b	16.2060392	5.68E-05	-1.5047268	0.0026494
Prkcb	16.1867815	5.74E-05	1.25045229	0.00266458
Thbs1	16.1176597	5.95E-05	1.56977297	0.00275138
Itga2b	16.0988596	6.01E-05	-1.0072473	0.00276659
Aff3	16.0454367	6.18E-05	-0.9187472	0.00283327
Gm16104	15.8925652	6.70E-05	1.15798832	0.00305815
Csgalnact1	15.7378844	7.28E-05	-1.0995094	0.00330422
Pdgfrb	15.5014459	8.24E-05	-1.0759088	0.0037281
Afap111	15.3810482	8.79E-05	-0.9689248	0.0039425
F10	15.3794782	8.79E-05	1.02772331	0.0039425
Cyba	15.2479524	9.43E-05	0.77434446	0.00420871
Vamp5	15.2307412	9.51E-05	-0.8079282	0.00422916
Hnf4a	15.1770426	9.79E-05	-1.8846871	0.00433271
Egfl7	15.0270508	0.00010598	-0.8581593	0.00467122
Shank3	14.9212521	0.00011209	-1.3463946	0.00491985
Plxnb2	14.7954318	0.00011983	-1.203662	0.00523722
S100a6	14.6801885	0.00012738	-1.1784678	0.00554413
Msantd3	14.4721338	0.00014225	0.88465389	0.00616567
Dpp4	14.3520343	0.00015162	-1.0699617	0.00654454
Gucy1a1	14.3235617	0.00015393	-1.528218	0.00661693
Zfp608	14.1964159	0.00016468	-0.8648369	0.00702352
Gpr171	14.1958961	0.00016473	-0.9199107	0.00702352
Smim10l2a	14.0787961	0.00017531	-1.4959117	0.00744422
Nfatc2	13.5661572	0.0002303	-1.8509845	0.00973975
Elovl6	13.4260921	0.00024815	-0.9805301	0.01045226
Jsrp1	13.2946134	0.00026617	-1.4301691	0.0111663
Fam26f	13.1608944	0.00028585	-0.9830831	0.01194406
Ptgs1	12.9967947	0.00031202	1.00479105	0.01298569
Egr1	12.9749491	0.00031569	-1.2408678	0.01306133
Tifab	12.9700123	0.00031652	0.92304206	0.01306133
Rab7b	12.9636757	0.00031759	0.98510896	0.01306133
Myof	12.9001488	0.00032856	-1.6156269	0.0134592
Rhoj	12.8709004	0.00033373	1.37022755	0.01361779
Pim1	12.6280662	0.00038	-0.8114997	0.01544537

Syne1	12.6108902	0.00038351	1.01722497	0.01552753
Luzp1	12.5904386	0.00038773	-0.9969516	0.01563775
Ank	12.5700511	0.00039198	-1.0522151	0.01574846
Slc25a27	12.5063163	0.00040558	-0.9112666	0.01623246
Fam129a	12.0373914	0.00052144	-1.1213993	0.02078989
Zfp532	12.0280554	0.00052406	-1.7194744	0.02081483
Arl4c	11.6924884	0.00062753	-1.0890591	0.02483019
Serpini1	11.6549837	0.00064031	-1.1394074	0.0252402
Rnf150	11.5567793	0.00067503	-1.6603196	0.02650876
Rab3il1	11.3961882	0.00073595	-1.1995665	0.02879299
Igfp1	11.2487887	0.00079675	-1.8291897	0.03105541
2900026A02F	11.1515099	0.00083963	-1.0581941	0.03260523
Plod2	11.0842244	0.00087065	-1.3125295	0.03368457
Clec1a	11.0039716	0.00090917	-2.1215852	0.03504493
Crispld1	10.9099051	0.00095651	-1.3291651	0.03673437
Insl6	10.8976551	0.00096286	-0.8067292	0.03684265
Phldb1	10.8028895	0.00101342	-0.9018878	0.03863563
Gatm	10.6057245	0.00112738	0.80390699	0.04282407
Ccl4	10.584726	0.00114026	-1.017597	0.04315628
Gfi1	10.5612389	0.00115484	0.87165418	0.04354322
Tmem71	10.5548788	0.00115882	-0.9814662	0.04354322
Phf11b	10.5327488	0.00117278	-1.327742	0.04390976
Grasp	10.4001991	0.00126002	-1.0668156	0.04700764
Mc5r	10.2894746	0.00133791	-1.3518897	0.04973604
Bbc3	10.2266723	0.00138424	-1.0247337	0.05127585
4930519L02R	10.165093	0.00143125	-0.8834034	0.0528297
Gm26735	9.79509601	0.00174978	-0.9269457	0.06435982
Mlx	9.65592721	0.00188742	0.84092222	0.06917876
Clu	9.64087148	0.00190295	1.02052243	0.06950422
Ltc4s	9.54288049	0.00200726	-1.0589797	0.07305884
Arhgap12	9.53223558	0.00201894	-1.5003167	0.07322865
Rec8	9.48575825	0.00207073	-1.2710886	0.07484722
Rara	9.38398336	0.00218889	-1.0393602	0.07884547
Gstt1	9.32828096	0.00225644	-1.582607	0.08075164
Igsf6	9.32760382	0.00225727	0.79984319	0.08075164
Camk1d	9.23276861	0.00237722	-1.557663	0.08475233
Atp13a2	9.12959592	0.00251507	-0.8692421	0.08936207
Ypel5	9.09426908	0.00256412	0.90378094	0.0907958
Pbx1	9.01711283	0.00267464	-0.8731932	0.09438933

gene_symbol	waldStat	pvalue	logFC	FDR
Mt1	3781.4256	0	2.42479366	0
Ctla2a	2511.7631	0	-2.8489516	0
Car2	2396.20008	0	1.70467532	0
Fth1	2285.18736	0	1.27165857	0
Mt2	2066.80546	0	3.28832431	0
Hspd1	2042.25891	0	1.57237062	0
Ermap	1962.76986	0	2.29390762	0
Vim	1936.75125	0	-2.2543788	0
Chchd10	1878.80332	0	2.40608007	0
Nme1	1736.91009	0	1.47435914	0
C1qbp	1725.30602	0	1.4924164	0
Atp5g1	1705.51727	0	1.46276357	0
Blvrb	1705.26056	0	1.40655493	0
Hspe1	1660.52499	0	1.40344093	0
Car1	1611.07491	0	1.76719201	0
Ran	1488.4142	0	1.36197073	0
Mif	1480.53246	0	1.50921222	0
Uqcr11	1432.81717	0	1.44505558	0
Uqcrq	1401.72143	0	1.48350306	0
Mrpl12	1390.91929	0	1.52758856	0
Dut	1376.12456	0	1.54528547	0
Glrx5	1283.30734	0	1.44919872	0
Asns	1270.30897	0	2.58165034	0
Npm1	1261.80094	0	1.15804178	0
Ybx1	1261.54003	0	1.23193934	0
Lyar	1259.68791	0	1.56494533	0
Cox5a	1249.49148	0	1.36910383	0
Tomm5	1247.45258	0	1.47424005	0
Hsp90aa1	1241.36075	0	1.2798222	0
Nhp2	1240.39787	0	1.41418753	0
Eif5a	1227.20786	0	1.19676662	0
Slc25a21	1218.93143	0	2.85732202	0
Atp5g3	1210.86336	0	1.34786749	0
Phb2	1202.01607	0	1.36884595	0
Nop10	1192.85231	0	1.29847336	0
Cox5b	1171.46796	0	1.31243868	0
Bola3	1155.69259	0	1.64748173	0
Ifitm1	1139.3336	0	-2.4974158	0
Sox4	1134.11179	0	-1.8498296	0
Gatm	1105.88439	0	2.03098765	0
Minpp1	1103.88426	0	1.84223773	0
Snu13	1094.8843	0	1.41182478	0

Rexo2	1054.61583	0	1.46760806	0
Tmem14c	1047.52175	0	1.36904767	0
Nkg7	1036.50131	0	-1.9840124	0
Pla2g12a	1035.18099	0	2.00091798	0
Slc25a5	1026.72604	0	1.24482329	0
Cyc1	1025.19172	0	1.50076261	0
Rps27l	992.895766	0	1.26652638	0
Ncl	990.375498	0	1.23461759	0
Odc1	969.744105	0	1.65798458	0
Cox6a1	963.784857	0	1.30061175	0
Sphk1	961.621798	0	3.08683186	0
Pa2g4	956.826729	0	1.30289349	0
Ndufab1	947.417825	0	1.38232297	0
Tmem147	941.922575	0	1.53855682	0
Rhd	937.677057	0	3.0497576	0
Ybx3	919.354587	0	1.2017617	0
Txn1l	918.307056	0	1.30546118	0
Snrpd1	904.934772	0	1.26494531	0
Uqcr10	895.102352	0	1.32732072	0
Tmem238	886.141261	0	1.80126239	0
Rgs10	883.881453	0	1.85197026	0
Ranbp1	868.080968	0	1.28213301	0
Mrto4	866.050793	0	1.5046882	0
Prdx6	836.034107	0	1.21554241	0
Cox6b1	835.854661	0	1.16970265	0
Slc38a5	835.754832	0	2.4637961	0
Myct1	827.200829	0	-1.972547	0
Prelid2	822.170873	0	2.19239319	0
Cox7b	806.924566	0	1.24714055	0
Cycs	806.376951	0	1.49929726	0
Timm8a1	798.691671	0	1.57652725	0
Srm	789.336187	0	1.49216295	0
Timm13	787.469299	0	1.28222528	0
Minos1	780.327578	0	1.22477308	0
Cpox	778.923459	0	1.84156192	0
Spire1	760.067504	0	2.29754737	0
Ppia	750.169348	0	1.14294441	0
Prdx2	748.834656	0	1.10937127	0
Tomm40	743.825484	0	1.41438484	0
Cox6c	733.182747	0	1.15806113	0
Atp5k	732.901751	0	1.3698369	0
Fam162a	723.970668	0	1.46773767	0
Cenpv	718.934292	0	1.58477655	0

Mdh2	718.286478	0	1.23310527	0
Mospd3	712.896832	0	1.63745513	0
Cacybp	710.672628	0	1.29312917	0
Cldn13	704.623832	0	3.2994737	0
Ndufb9	660.753677	0	1.16007535	0
Chchd2	657.570656	0	1.0998321	0
Cox7a2	657.074275	0	1.18889052	0
Ppp1r14b	647.884652	0	1.24447713	0
Mrpl20	640.136784	0	1.31895488	0
Atp5j2	637.122531	0	1.17218545	0
Mrpl42	631.243629	0	1.31522301	0
Cox8a	629.74149	0	1.07570768	0
Phf5a	622.027413	0	1.29885128	0
Mthfd1	621.740455	0	1.69953715	0
Atp5o-1	617.715833	0	1.20597297	0
Pabpc4	615.412368	0	1.54211822	0
Eef1g	614.217948	0	1.07555524	0
Nolc1	609.664343	0	1.37686826	0
Fkbp4	608.773459	0	1.29269699	0
Ndufs6	608.581329	0	1.30785468	0
Hint1	605.838365	0	1.10624779	0
Plac8	604.046007	0	-1.4178613	0
Ndufa12	599.864373	0	1.23235319	0
Psmb3	599.354684	0	1.21154245	0
Ppa1	590.676078	0	1.48709079	0
Btg2	586.626277	0	-2.8393371	0
Ddx39	585.179251	0	1.41608421	0
Fam241a	577.37455	0	1.54437704	0
Smim1	574.965454	0	1.7766597	0
Rpl41	571.740394	0	1.01103917	0
Atp5b	566.074397	0	1.08903892	0
Pdap1	559.642835	0	1.28111169	0
Ndufc2	558.742735	0	1.17608634	0
Mrpl36	558.359096	0	1.29814757	0
Ldha	555.928139	0	1.1389827	0
Aprt	554.57014	0	1.23642757	0
Eif4ebp1	554.547216	0	1.26982466	0
Cox6b2	553.130206	0	1.27417125	0
Polr2f	549.997608	0	1.20997295	0
Ifrd2	549.112672	0	1.46728181	0
Tmem97	544.776852	0	1.73578604	0
Set	536.664746	0	1.10584389	0
Tuba1b	536.007771	0	1.35987006	0

Jun	533.729035	0	-1.6564269	0
Atp5d	533.6607	0	1.05540126	0
Angpt1	529.24699	0	-1.7814705	0
Hdgf	529.233645	0	1.06442962	0
Mrpl18	528.05097	0	1.21858258	0
Mrps24	521.073543	0	1.2153439	0
Mcrip2	520.363006	0	1.65072215	0
Anp32b	518.088152	0	1.0398664	0
Pfdn6	517.959878	0	1.23161617	0
Romo1	513.32444	0	1.25570885	0
Ndufs7	507.75374	0	1.12532838	0
Atp5j	504.257151	0	1.07262939	0
Cited4	493.792945	0	2.08842726	0
Sdhb	493.314211	0	1.24947319	0
Nxpe2	492.640096	0	2.63313902	0
Asb17os	485.24973	0	3.33433118	0
Snrpd2	485.15637	0	1.10668081	0
Casp3	484.771879	0	1.26917486	0
Nfia	482.909021	0	1.79667718	0
Tmsb4x	482.801383	0	-1.1626517	0
Morf4l2	482.601517	0	1.24729206	0
Cd24a	481.276683	0	1.52216713	0
Cox7c	480.56044	0	1.11392183	0
Alyref	479.24913	0	1.20148796	0
Ube2m	478.614556	0	1.21487635	0
Gadd45gip1	475.294337	0	1.24964348	0
Fen1	473.96039	0	1.53162631	0
Uqcc2	473.220857	0	1.21236415	0
Gpx4	472.195629	0	1.07097047	0
Lsm2	471.003911	0	1.24499453	0
Ndufa5	464.939684	0	1.2578174	0
Npm3	464.233734	0	1.20996981	0
Ccne1	463.93421	0	2.6150301	0
Psmb2	463.764661	0	1.13871228	0
H2afj	458.311938	0	1.11154645	0
Ndufa4	455.52843	0	1.05974431	0
Higd1a	454.806137	0	1.35609342	0
Ssca1	453.889696	0	1.36880315	0
Gmfg	453.630178	0	-1.2348087	0
Dnajc19	452.823006	0	1.30213401	0
Atpif1	452.702499	0	0.98867666	0
Ndufb6	452.057394	0	1.25461359	0
Myh10	451.551615	0	2.19148034	0

Pnp	451.475817	0	1.23625195	0
Mpc1	449.393257	0	1.32745636	0
Oat	448.708546	0	1.36286998	0
Htra2	448.497429	0	1.41731475	0
Comtd1	448.018402	0	1.67021932	0
Sf3b5	448.005598	0	1.13373507	0
Vdac2	447.336339	0	1.09025893	0
Atp5f1	443.09948	0	1.04615604	0
Fxyd5	439.961206	0	-1.4843776	0
Snrpf	438.05746	0	1.11630716	0
Psm7	436.502806	0	1.01990492	0
Gmnn	431.977236	0	1.40115804	0
Eef1d	430.795977	0	1.00574941	0
Ndufb8	430.667048	0	1.11717219	0
Erh	429.879593	0	1.23900273	0
Phb	429.747956	0	1.39408373	0
Sdhd	429.249701	0	1.27258851	0
Park7	429.029334	0	1.00664085	0
Alad	428.204195	0	1.32296981	0
Snrpd3	425.746196	0	1.09014033	0
Tomm20	424.993909	0	1.08733163	0
Bag1	424.270684	0	1.09442447	0
Selenoh	421.784508	0	1.22431891	0
Srsf7	420.841114	0	1.14969237	0
Meis1	420.684351	0	-2.0605853	0
Tomm22	420.666169	0	1.21221183	0
Ndufc1	419.820187	0	1.23112059	0
Pklr	416.935571	0	2.80057688	0
Phf10	411.387305	0	1.42284035	0
Usmg5	410.22991	0	1.2230914	0
Prss50	410.029355	0	1.88035277	0
Bsg	406.198046	0	1.11455969	0
Hmgn1	406.152681	0	1.16180476	0
Sec61g	406.047593	0	1.13999122	0
Wdr18	405.215767	0	1.43560057	0
Taf10	404.217435	0	1.08860864	0
Fam117a	404.056313	0	-1.5515416	0
Dynll1	402.391393	0	1.09751928	0
Tpi1	401.360342	0	1.17235869	0
Uqcrb	401.245882	0	1.12331081	0
H2afz	400.433336	0	1.11952669	0
Cdc34	398.850873	0	1.47853907	0
Hspa8	397.740285	0	1.02259244	0

Mns1	397.230984	0	1.24421053	0
Nasp	396.730603	0	1.29363779	0
Phgdh	395.455435	0	1.23551393	0
Txn1	394.559525	0	1.03877274	0
Polr1d	387.712825	0	1.07204093	0
Hmbs	386.062309	0	1.34616446	0
Ndufv2	385.109503	0	1.12916775	0
Eif2s1	385.097418	0	1.19228155	0
Rnaseh2c	384.601034	0	1.15276576	0
Cox4i1	383.731527	0	0.92508069	0
Pdcd5	379.21956	0	1.20242984	0
Ndufb7	378.366139	0	1.07909288	0
Mrpl21	378.251466	0	1.23510721	0
Ppid	378.138292	0	1.21204198	0
Tsfm	371.695405	0	1.41171522	0
Rplp1	367.08301	0	0.91946437	0
Gata2	366.378338	0	-1.36106	0
Svbp	364.895341	0	1.219602	0
Paqr9	364.019502	0	2.37735861	0
Stard10	362.477564	0	1.39282995	0
Exosc8	361.722457	0	1.23347502	0
Rangrf	360.152542	0	1.29913999	0
Mrps28	356.356452	0	1.20299906	0
St3gal5	353.666273	0	1.82039071	0
Ebna1bp2	351.885183	0	1.13685914	0
Ptges3	348.085476	0	1.10335744	0
Ndufb5	345.718941	0	1.07301342	0
Fxn	343.526611	0	1.32630383	0
Atp5l	342.791869	0	1.07122403	0
Slc18a2	338.389237	0	-1.9539295	0
Eif3i	337.37404	0	1.01062694	0
Eif3g	335.906999	0	1.16722696	0
Ssr2	334.079971	0	1.12074383	0
Atp5h	333.164804	0	0.99606217	0
Ndufb10	332.407601	0	1.06728899	0
Psma3	331.776804	0	1.05710547	0
U2af1	329.415182	0	1.1040235	0
Dpy30	327.267155	0	1.17915778	0
Edf1	326.766953	0	1.08059118	0
Eif2s2	325.165309	0	1.05964501	0
Tubb4b	318.91304	0	1.19272834	0
Mrps36	318.403948	0	1.29202813	0
Nop56	314.305344	0	1.106234	0

Psmb5	311.512891	0	1.06490364	0
Mrpl28	310.389219	0	1.19993082	0
Vdac1	309.277644	0	1.08977141	0
Canx	308.379971	0	1.13861898	0
Psm7	307.288538	0	1.05395415	0
Siva1	305.808753	0	1.1502456	0
Them6	304.820205	0	1.78366188	0
Cct8	303.120079	0	1.08036176	0
Tmem176b	302.985122	0	-1.5828772	0
Mrps18b	302.909497	0	1.30001914	0
Cenpx	299.949844	0	1.09063618	0
Mrpl15	299.900935	0	1.18077873	0
Mydgf	297.597227	0	1.25599412	0
Mrpl51	297.504654	0	1.13343134	0
Rgs1	296.396951	0	-2.4014438	0
Gfer	294.87362	0	1.35903967	0
Tufm	294.204002	0	1.35109072	0
Timm10	293.771497	0	1.23341984	0
Mrps15	290.080512	0	1.17109431	0
1110008P14F	289.15005	0	1.90767754	0
Hras	288.46771	0	1.33166689	0
Prmt1	286.555849	0	1.06215759	0
Serbp1	284.652289	0	0.914373	0
Gstp3	283.559119	0	2.69230091	0
Lsm7	280.69776	0	1.12361662	0
Mrpl30	280.288755	0	1.05366605	0
Atp5c1	280.171914	0	0.97995071	0
Gspt1	277.81428	0	1.08008237	0
Hspa9	275.781931	0	1.15904654	0
Endog	275.111599	0	1.91745019	0
Rps2	274.824441	0	0.91204307	0
Cct7	274.249015	0	1.06935503	0
Snrpa1	273.694681	0	1.12925596	0
Sod2	271.747166	0	1.11118525	0
Ndr1	270.204899	0	-1.8295596	0
Mrpl22	269.546921	0	1.2578173	0
Dad1	267.613043	0	1.01528638	0
Rnase6	267.230631	0	-1.9528409	0
Add2	266.309832	0	1.7405909	0
Rbbp7	266.07515	0	1.15322308	0
Slc29a1	263.332965	0	1.60205501	0
Magoh	262.399519	0	1.09199788	0
Ndufb2	259.430651	0	1.15634414	0

Mrpl41	258.417668	0	1.20282275	0
Ndufa1	258.289412	0	1.09871729	0
Cisd1	258.020296	0	1.23505311	0
Psm5	257.332618	0	1.03573195	0
Cinp	257.03899	0	1.42332486	0
Ndufs5	255.655357	0	1.10830611	0
Lmna	254.934699	0	1.76194921	0
Metap2	254.484343	0	0.99434647	0
Prdx3	254.168237	0	1.16093372	0
Mogs	252.086544	0	1.32596942	0
Nap1l1	252.080606	0	0.99222545	0
Uqcrfs1	251.488272	0	1.08100575	0
Rsl1d1	250.79757	0	1.06063235	0
Pgp	250.6657	0	1.17535544	0
Pfdn1	250.066069	0	1.17042216	0
Tipin	249.827494	0	1.21075059	0
Cdv3	249.543773	0	1.09502891	0
Naa38	248.300014	0	1.17785479	0
Eloc	247.820945	0	1.10076086	0
Psm2	247.214066	0	0.99756028	0
E2f4	245.993662	0	1.3189293	0
Coro1a	245.401555	0	-1.3461652	0
Rbpms	245.104967	0	-2.6217963	0
Rpl36al	244.368258	0	1.04361243	0
2010107E04F	244.295033	0	1.01550694	0
Hist1h2ac	244.147439	0	-1.5523852	0
Col5a1	243.690378	0	1.58275713	0
Rhag	242.959449	0	1.93437539	0
Mrps16	242.412623	0	1.0822815	0
Nudt19	241.267316	0	1.36787357	0
Zyx	241.212087	0	-1.5369778	0
Snrpg	241.187489	0	1.01177563	0
Mrpl50	241.098092	0	1.23865795	0
Psm4	240.659076	0	0.9977228	0
Rel	240.614781	0	-1.7363298	0
Hacd1	238.958092	0	1.25618922	0
Bex4	238.437291	0	1.7019518	0
Mrpl57	238.296133	0	1.04558115	0
Cct3	237.823972	0	1.02726278	0
Ola1	235.742445	0	1.12536208	0
Ndufb4	234.798388	0	1.09261975	0
Atox1	234.618006	0	1.04979972	0
Cenpw	234.492428	0	1.27720364	0

1190007I07R	234.312165	0	1.17472054	0
Polr2j	233.736425	0	1.05400678	0
Prdx1	233.531846	0	0.96129088	0
Txn2	232.593065	0	1.10279013	0
Eef1e1	229.598857	0	1.19417706	0
Mef2c	229.13901	0	-1.3070385	0
Eif4a1	228.729706	0	0.9626215	0
Nudt9	228.604119	0	1.38809243	0
Mrpl17	228.132599	0	1.12136883	0
Sfxn1	227.742459	0	1.07104093	0
Guk1	226.804906	0	1.17371403	0
Ccdc124	226.73055	0	1.23743691	0
Gcsh	225.98796	0	1.24382105	0
Chchd1	225.724196	0	1.07003291	0
Ndufa11	225.500975	0	1.05417124	0
Mrpl35	225.180682	0	1.15781204	0
Got2	224.378457	0	1.19010622	0
Uqcrc1	224.131446	0	1.13725906	0
Txnip	223.049984	0	-1.1594626	0
Ndufa10	222.89278	0	1.07053677	0
Comt	221.778499	0	1.22255679	0
Itga2b	221.680408	0	-1.9162344	0
Ptpn22	221.62061	0	-1.3490455	0
Slirp	221.371576	0	1.27277534	0
Mfge8	221.173333	0	-1.4765953	0
Nudcd2	220.103296	0	1.14280916	0
Epn1	219.124535	0	1.24055899	0
Ydjc	218.61214	0	1.41052066	0
Serpina3g	216.524315	0	-2.6079509	0
Gm26735	215.857056	0	-2.4167599	0
Mrps26	215.477225	0	1.09357991	0
Dennd2d	215.446772	0	-1.3078761	0
1110004E09F	214.565933	0	1.35352788	0
Tspan8	214.066204	0	1.96743727	0
Ublcp1	213.999715	0	1.69524859	0
Fbl	212.888251	0	0.99756922	0
Cct5	211.996494	0	0.98578698	0
Psmg3	211.545975	0	1.24776882	0
Ppih	211.352266	0	1.21264379	0
Tes	211.299566	0	-1.7511414	0
Bax	211.145291	0	1.08905748	0
Dhrs4	210.92047	0	1.23011538	0
Pik3ip1	210.892595	0	-1.6841406	0

Ndufaf4	210.389215	0	1.22990746	0
Pno1	209.266576	0	1.3784796	0
Lman1	208.766775	0	1.15715137	0
Ruvbl1	208.335437	0	1.07465732	0
Nop58	208.294339	0	1.00460426	0
Aurkaip1	207.980806	0	1.02440163	0
Rrm2	207.017404	0	1.55766476	0
Timm50	206.947178	0	1.20132754	0
Gm17590	205.985087	0	-2.4615483	0
Ammecr1	205.584171	0	1.47653928	0
Snrpe	204.741528	0	0.95861073	0
Fam136a	203.86983	0	1.34857007	0
Stoml2	201.917826	0	1.14506289	0
Mrpl52	201.625528	0	0.93883737	0
Elob	200.783557	0	0.96831763	0
Mrpl54	200.716789	0	1.04567975	0
Bag2	200.558399	0	1.49292155	0
Vegfb	200.477328	0	1.35547217	0
Srsf3	199.738129	0	0.91594072	0
Psemb7	197.717572	0	1.07228378	0
Snrpb	197.611808	0	0.93851569	0
Aplp2	197.370895	0	1.21005229	0
Pebp1	197.174748	0	0.91766667	0
Crip2	197.018096	0	2.42294464	0
Naa50	196.376672	0	1.10166205	0
Hebp1	195.821668	0	1.56056203	0
Mrps7	194.696161	0	1.16403462	0
Mrps21	194.520286	0	1.10705151	0
Mrps14	194.113114	0	0.99608849	0
Lsm5	193.86129	0	1.12963873	0
Ak2	192.987446	0	1.00203025	0
Coq7	192.961393	0	1.33712559	0
Rp9	191.699108	0	0.97057893	0
Bin1	191.569878	0	-1.7341284	0
Csrp3	191.525343	0	-1.6369068	0
Tk1	191.513753	0	1.42905591	0
Fnbp1l	190.449007	0	-1.1715832	0
Eif1ax	190.43212	0	1.0296463	0
Limd2	190.177599	0	-1.7108815	0
Rfc4	189.908298	0	1.19422311	0
Bzw2	189.591443	0	1.04476146	0
Atp7b	188.91562	0	3.41060699	0
Ddah2	188.167391	0	-1.5706925	0

Psmb6	187.704989	0	0.96875127	0
Mrpl55	187.32465	0	1.2319841	0
Cd93	185.783117	0	-2.3169851	0
Abcg1	185.666777	0	-2.0202378	0
Idh3a	185.571456	0	1.17986127	0
Pfdn2	185.341157	0	1.05512237	0
Timm9	185.312802	0	1.08078799	0
Dtymk	185.132569	0	1.01780446	0
Larp1b	184.757904	0	1.35675244	0
Plcb2	184.683708	0	-1.6961321	0
Glr3	183.712995	0	1.00657387	0
Nedd8	183.694345	0	0.95249741	0
Lsm4	183.602138	0	0.95609735	0
Gm10076	183.574299	0	0.954102	0
Gemin6	183.404898	0	1.45197772	0
Mycn	181.885177	0	-2.6532815	0
Tmem109	181.37582	0	1.89186573	0
Psme2	180.906412	0	1.03049947	0
Glo1	180.571351	0	1.04314751	0
Clpp	179.941956	0	1.14879861	0
Timm8b	179.449429	0	1.08362961	0
Denr	179.029053	0	1.04556004	0
Fcf1	178.893417	0	1.08578632	0
Txnl4a	178.228207	0	1.13782091	0
Gstp1	178.19325	0	1.26612442	0
St8sia6	178.043892	0	-1.964549	0
Psmc5	178.037152	0	1.09515634	0
Rwdd1	177.532974	0	1.08967267	0
Psma4	177.425416	0	0.96393947	0
Spc24	177.213715	0	1.25652878	0
Fh1	176.670973	0	1.13456766	0
Gapdh	176.603479	0	0.94312871	0
Ssbp1	176.115049	0	1.04254894	0
Psm6	175.665961	0	1.0924503	0
Dnph1	175.633561	0	1.20533157	0
Mrps22	174.281679	0	1.29040125	0
Hat1	173.854612	0	1.19343827	0
Banf1	173.637098	0	0.95218177	0
Eif1ad	173.551462	0	1.15816581	0
Lrrc59	173.50593	0	1.23629402	0
Tcp1	172.87594	0	0.97540274	0
Dnajc2	172.304952	0	1.00956579	0
Btf3	170.647054	0	0.88528265	0

Fkbp2	170.236544	0	1.14705453	0
Atp5e	169.865289	0	0.91023268	0
Tyms	169.590856	0	1.20831195	0
Mrps34	169.413936	0	1.14438028	0
Tuba8	169.257562	0	-2.4170168	0
Dap3	169.003234	0	1.07678366	0
Nudc	168.424861	0	0.98326765	0
Ddx21	167.223392	0	1.05617727	0
Ypel3	166.675188	0	-1.306023	0
Tamm41	166.441355	0	1.34991996	0
Fos	166.431359	0	-1.6610385	0
Ccdc58	165.598798	0	1.24364974	0
Dazap1	165.398089	0	1.0363547	0
Pvt1	165.31297	0	2.00243188	0
Rin3	164.769617	0	-1.6766755	0
Zfp521	164.554791	0	-1.7967254	0
Adrm1	163.779636	0	1.17360847	0
Tfrc	163.76961	0	1.33586958	0
Pbdc1	163.745234	0	1.12153978	0
Rpp40	163.677292	0	1.55288694	0
Mpv17l2	163.463773	0	1.27911799	0
Serpinb1a	163.3424	0	-1.638015	0
Rbmxl1	163.280127	0	1.08126809	0
Polr2h	163.016531	0	1.07845962	0
Csnk2b	162.707853	0	1.03958185	0
Bola1	162.703775	0	1.09233468	0
Mrpl2	161.81068	0	1.099739	0
Pop5	161.523464	0	1.13906593	0
Ftsj3	161.405871	0	1.16293671	0
Ndufa8	161.330361	0	0.97865515	0
Slc16a1	160.876121	0	1.36755988	0
Uchl3	160.825974	0	1.10643681	0
mt-Nd1	160.758043	0	0.89734882	0
Rpf2	160.385851	0	1.21455432	0
Fes	160.146103	0	-2.2300792	0
Klk8	159.893554	0	-2.0240048	0
Orc6	159.703583	0	1.15962072	0
Pold2	159.16613	0	1.25812632	0
Zfhx3	158.633469	0	-2.0294485	0
Ppm1g	158.549992	0	1.06465729	0
Pitrm1	158.546835	0	1.21867644	0
Gar1	157.670456	0	1.00146701	0
Timm17a	157.02297	0	1.11241842	0

Cox17	156.632573	0	1.10683452	0
Malat1	156.247696	0	-0.9549076	0
Mrpl11	156.039215	0	1.07946286	0
Memo1	155.886349	0	1.2462449	0
Fpgs	154.32946	0	1.33826768	0
Mgll	153.476333	0	2.71897534	0
Pkig	153.263528	0	1.1911751	0
Bccip	153.199175	0	1.13101814	0
Tbxas1	153.175462	0	-2.9885995	0
Rab37	152.502631	0	-1.3142613	0
Spcs1	152.330916	0	0.98106177	0
Mrpl16	151.903188	0	1.15459898	0
Mecr	151.507878	0	1.32969514	0
Ndufv1	150.883537	0	1.06679475	0
Eif4e2	150.614306	0	1.0929162	0
Brix1	150.539681	0	1.10130478	0
Psmg1	150.329956	0	1.15502559	0
Suclg1	150.047891	0	0.99100956	0
Egfl7	150.007629	0	1.20137471	0
Lap3	149.907087	0	1.15347869	0
Nenf	149.701152	0	1.05912183	0
Eif6	149.193816	0	1.01681612	0
Ndufa2	148.959441	0	0.94024264	0
Gml2	148.449168	0	3.09664216	0
S1pr1	147.826755	0	-2.4217094	0
Tspan33	146.91837	0	1.26789431	0
Eif3d	146.87167	0	0.98086028	0
Mybbp1a	146.789164	0	1.06685025	0
Hnrnpd	146.584085	0	0.93831886	0
Sap18	146.003234	0	1.07825422	0
Rnf126	145.837964	0	1.19502846	0
Cks1b	145.73108	0	1.0510262	0
Birc5	145.660536	0	1.26465165	0
Amd1	145.278901	0	1.19505041	0
Ndufs3	145.227627	0	1.03218215	0
Nup37	145.179772	0	1.25261949	0
Rrp9	144.386894	0	1.23031873	0
Rrm1	143.964853	0	1.14306402	0
Hprt	143.683962	0	1.00902582	0
Rrs1	143.61856	0	1.11188349	0
Atp5a1	143.493817	0	0.9224025	0
Preli3b	143.375541	0	1.1525301	0
Tomm7	143.344456	0	0.943641	0

Pfdn4	143.174977	0	1.21960613	0
Taf12	142.926263	0	1.17585183	0
Usp50	142.725683	0	1.33617234	0
Btnl9	141.943049	0	-2.6340799	0
Aldh1a7	141.885067	0	1.83105118	0
Samm50	141.652803	0	1.05885611	0
Zbtb20	141.61699	0	-1.3114102	0
Camsap2	140.865302	0	2.61886932	0
Nip7	140.638093	0	1.09540684	0
Grpel1	140.587307	0	1.04072847	0
Sdf2l1	140.348917	0	1.28394981	0
Kcnc1	139.839081	0	-3.8274262	0
Lsm12	138.550848	0	0.99520013	0
Rpia	138.528258	0	1.06421442	0
Rcc1	138.492794	0	1.31472147	0
Atp5g2	138.455361	0	0.91456043	0
Klf6	137.542543	0	-1.8900579	0
Llph	137.414824	0	0.95758384	0
Galnt6	137.191691	0	-1.3776119	0
Jagn1	136.922167	0	1.18928473	0
0610012G03I	136.811344	0	1.01587682	0
BC003965	136.672362	0	1.11080876	0
Aldh1l1	136.670904	0	-1.5266379	0
Asb17	136.221586	0	2.5233037	0
Rapgef3	136.200424	0	-1.8624495	0
Acp1	136.012269	0	1.04756213	0
Eno1	135.959179	0	1.01945193	0
Srsf2	135.846183	0	0.91188119	0
Cdk4	135.773415	0	0.958644	0
Pfn1	135.730074	0	0.84383617	0
Mbd2	135.720399	0	1.02114785	0
Ndufaf2	135.331108	0	1.15773436	0
Ccdc86	135.166751	0	1.18802014	0
Rps17	135.144266	0	0.88102164	0
Prelid1	134.759699	0	1.00115714	0
Cct2	134.749658	0	0.91227277	0
Mrfap1	134.542802	0	0.97867883	0
Hars	133.558901	0	1.17640095	0
Pin1	133.535054	0	1.06257133	0
Igfbp4	132.677857	0	-1.1814887	0
Chchd4	132.625392	0	1.11898582	0
Specc1	132.424581	0	1.82458494	0
Gtf2a2	132.400831	0	1.00192832	0

Gps1	131.759617	0	1.14329653	0
Fam189b	131.625958	0	-1.4612583	0
Elmo1	131.256857	0	-1.6537835	0
Orc2	131.115835	0	1.20861103	0
Sep-08	130.367542	0	1.21463787	0
Dnajc15	129.664104	0	1.10884748	0
Rpl14	129.485024	0	0.83930836	0
Lat2	129.441671	0	-1.7683731	0
Nop16	129.357429	0	1.08855595	0
H2-Ob	129.335022	0	-2.8345219	0
Pomp	129.331915	0	0.90117716	0
Adgrg3	129.325731	0	-1.5772427	0
Emg1	129.315574	0	0.94142615	0
Psmg2	129.116405	0	1.09544299	0
Gins2	129.010747	0	1.25698642	0
Ptrh2	128.534492	0	1.13353069	0
Pxmp2	128.431825	0	1.54485246	0
Mrpl58	128.133243	0	1.12577039	0
Mtx1	128.102765	0	1.18026959	0
Psma6	128.025508	0	0.95412885	0
Tma7	127.052805	0	0.93579632	0
Gars	126.79823	0	1.15267685	0
Snrpc	126.478562	0	0.99848207	0
Il16	126.368813	0	-1.7804962	0
Slc25a3	125.535248	0	0.87021516	0
Poldip2	125.511584	0	1.12928283	0
1110008F13F	125.102105	0	0.94140352	0
Pbx1	124.902615	0	-1.4535936	0
Me2	124.750435	0	1.22069971	0
Eif2b3	124.355721	0	1.23255626	0
Nt5dc2	124.301753	0	1.26220987	0
Emc8	122.974465	0	1.13139315	0
Nudt5	122.023525	0	1.04395785	0
Ccdc167	121.79451	0	1.35868613	0
Ptma	121.782349	0	0.86428998	0
Gtf2f1	121.256296	0	1.07151301	0
Uap1	120.942754	0	1.23839427	0
Lcp2	120.899843	0	-1.6465015	0
Syng2	120.817543	0	1.0972537	0
Mrpl38	120.536875	0	1.09918805	0
Nsun2	120.504963	0	1.06326646	0
Uqcrc2	120.304346	0	0.94515681	0
Sdhc	119.941562	0	1.02906138	0

Ccng2	119.921532	0	-1.8861857	0
Exosc7	119.647074	0	1.02875199	0
M1ap	119.591703	0	2.44696652	0
Lyz2	119.458407	0	-1.5868179	0
Trp53inp1	119.131404	0	-2.3902157	0
C1qtnf12	119.042092	0	1.35778009	0
Cdr2	118.753565	0	1.9667633	0
Polr2l	118.264737	0	1.26433481	0
Psmc2	117.676785	0	1.01887984	0
1810022K09F	117.339123	0	1.01666931	0
Dkc1	117.278193	0	0.95862993	0
Fkbp11	116.692013	0	1.56337686	0
Fam171a2	116.088304	0	-1.7690057	0
Gart	115.920441	0	1.08395769	0
Med12l	115.793437	0	-2.8004949	0
Cenpm	115.664821	0	1.21451589	0
Hspa4	115.578911	0	1.00524886	0
Sqor	115.454905	0	2.14908615	0
Bola2	115.162677	0	0.94087953	0
Ruvbl2	115.038148	0	1.05603647	0
Nefh	114.892024	0	1.27761609	0
Ssb	114.680843	0	0.88107652	0
Ier3	114.096476	0	-1.4326373	0
Gprasp2	113.389654	0	-1.9316389	0
Tmem176a	113.354723	0	-1.4805391	0
Smn1	113.292223	0	1.11760485	0
F2r	113.212297	0	-1.3003152	0
Lsm6	113.129854	0	0.96984695	0
Dph3	112.85913	0	1.04989069	0
Samd1	112.764761	0	1.15596158	0
Tceal3	112.701196	0	2.26659359	0
Commd1	112.570946	0	1.02983483	0
Lsm3	112.50862	0	0.95916892	0
Emc6	112.302002	0	0.97415805	0
Bud23	112.271082	0	1.13518274	0
Rps19bp1	112.22818	0	1.09056308	0
Kmt5a	112.215015	0	0.98051773	0
Exosc4	112.094133	0	1.10875569	0
Mrps25	112.043885	0	1.07200495	0
Ryk	112.043849	0	1.86008299	0
Mrps5	111.495054	0	1.02982029	0
Zfp593	111.447797	0	1.08114206	0
Mthfd2	111.428476	0	1.4765411	0

Zmynd19	111.408961	0	1.19864552	0
Isyna1	111.023482	0	1.11444271	0
D1Ert622e	110.852125	0	1.33494993	0
Erg	110.338241	0	-1.9937494	0
Smco4	109.82257	0	1.18444031	0
Mir155hg	109.692572	0	-1.8426849	0
Rab44	109.413587	0	-1.7621061	0
Nup85	109.046021	0	1.25216824	0
Rpa3	108.953211	0	1.02667872	0
Aqp11	108.938816	0	1.32513735	0
Tex30	108.577195	0	1.05474923	0
Rpl31	108.565713	0	0.86891491	0
Epsti1	108.55654	0	-1.6860183	0
Akr7a5	108.271795	0	1.19851326	0
Fam213a	108.143221	0	1.30381726	0
Ube2n	108.107854	0	1.00976336	0
Snhg12	108.027098	0	1.10015887	0
Calm1	107.890937	0	0.87391635	0
2210016F16F	107.713724	0	1.13823683	0
Ank1	107.693146	0	1.57043119	0
Neat1	107.585148	0	-1.2681565	0
Etf1	106.791768	0	1.06745116	0
Fmc1	106.535852	0	0.98730978	0
Chchd3	106.506218	0	1.01770567	0
Immt	106.361038	0	0.98537976	0
Mrpl34	106.314384	0	0.91837964	0
Pinx1	106.290959	0	1.25423365	0
Sf3b4	106.265938	0	1.10494717	0
Hacd4	105.86335	0	-2.1368858	0
Thop1	105.50229	0	1.25235987	0
Plekhj1	105.168815	0	0.9610781	0
Mrpl3	104.918013	0	1.11526857	0
Gng2	104.84243	0	-1.6138819	0
3110082I17R	104.134882	0	1.35911342	0
Mrpl13	103.543537	0	0.98568813	0
Fut7	102.926817	0	-2.0340945	0
Plec	102.880635	0	-1.2284931	0
Eny2	102.82018	0	0.94824358	0
Gm47754	102.621887	0	-2.0106544	0
Btg1	102.392756	0	-1.1397201	0
Zbtb46	102.212686	0	2.26229255	0
Noc4l	101.950937	0	1.22613617	0
Dkk1	101.715443	0	1.60608581	0

Cpa3	101.418412	0	-1.7992579	0
Prpf19	101.219047	0	1.01475746	0
9130401M01	101.156991	0	1.21938276	0
Pmf1	101.04131	0	1.06793095	0
Scin	101.020944	0	-1.803897	0
Psm12	100.725686	0	0.98214498	0
Rrp1b	100.653739	0	1.16280346	0
Ube2l3	100.532686	0	0.92339409	0
Cyba	100.464131	0	0.98552678	0
Ffar2	100.430638	0	-2.9867866	0
Srsf9	100.419662	0	0.96659306	0
Dusp1	99.8739638	0	-1.5026496	0
Mfhas1	99.3954445	0	2.77898091	0
Gnl3	99.2087086	0	0.94224626	0
Traf3ip3	98.9488719	0	-1.5941629	0
Ndufa9	98.7371669	0	1.01032205	0
Mrps17	98.5305467	0	0.97749861	0
Msh5	98.3412915	0	-1.7469661	0
Accs	97.5866289	0	-1.3879791	0
Carnmt1	97.5113358	0	1.00273461	0
Srp19	97.4786262	0	0.96447329	0
Aimp2	97.3770091	0	1.08859994	0
Emc9	97.2269331	0	1.22358267	0
Rsl24d1	97.1689454	0	0.99670245	0
Timm10b	96.7848418	0	1.01820022	0
Mrps11	96.7013605	0	1.06524566	0
Grk3	96.6105999	0	-1.3568285	0
Ap1s1	96.507365	0	1.06220166	0
Dnah12	96.4392356	0	-1.4425845	0
Mrpl47	96.2770674	0	1.26576594	0
Hnrnpab	95.9537956	0	0.87736214	0
Mcm5	95.0540336	0	1.0785453	0
Micall1	94.9865623	0	-1.5010979	0
Ubac1	94.9554487	0	1.13483853	0
Rnf187	94.2817729	0	0.96535785	0
Dus1l	94.1569971	0	1.1464801	0
Lym4	94.0980595	0	1.2593043	0
Rpl7a	93.8944493	0	0.83054884	0
Gm12999	93.7221978	0	1.6003034	0
Net1	93.4834466	0	1.20239951	0
Supt16	93.4091569	0	0.9377184	0
Klf1	93.3322381	0	0.95217515	0
P2ry14	92.8017664	0	-2.3495122	0

Nmd3	92.6776634	0	1.17818584	0
Mrps18c	92.6625552	0	0.98644906	0
Tmem107	91.9915337	0	1.37693539	0
Mphosph10	91.9757906	0	0.99940162	0
Icam1	91.9491714	0	-1.7379306	0
Nifk	91.8868861	0	1.00987342	0
Atic	91.3897108	0	0.95013787	0
Ndufaf8	91.0969458	0	1.01543111	0
Pkm	90.9138916	0	-1.1733591	0
Ak6	90.7902876	0	1.069806	0
Fcer1g	90.4255518	0	-1.5514984	0
Ppan	90.4240201	0	1.00354409	0
Cops6	90.1760053	0	0.99515952	0
Smad1	90.0703343	0	-1.3752013	0
Mrpl40	89.9641736	0	1.05483013	0
Aldoa	89.9431913	0	0.92741432	0
Cnn2	89.9421433	0	-1.274812	0
Gstm5	89.8864982	0	0.9187169	0
Mdga1	89.7430515	0	-1.6149719	0
Ubl5	89.3995718	0	0.88437597	0
Naa20	89.3517534	0	1.04965033	0
Eif4e	89.0989608	0	0.95787044	0
Gm8186	88.574729	0	1.12209835	0
Mpc2	88.5187635	0	0.98488791	0
Qdpr	88.381348	0	0.99890281	0
Manf	88.1857399	0	0.97895094	0
Nrxn1	88.0897858	0	-2.1191475	0
Psm3	87.9194959	0	1.02425401	0
Ndufs8	87.7785887	0	0.93846652	0
Mtftp1	87.7295024	0	1.33047052	0
Prdx4	87.6229349	0	1.0351904	0
Anapc15	87.5758855	0	1.12759345	0
Arpp19	87.4778735	0	0.94015468	0
Cd3eap	87.2894418	0	1.06185007	0
Mak16	87.1648332	0	1.00462848	0
Pdzph1	87.1547454	0	-2.8264952	0
Psm14	87.0379247	0	0.98800339	0
Kcng2	87.0194789	0	1.13277829	0
Lst1	86.9848786	0	-1.9738683	0
Hsp90ab1	86.5898524	0	0.80581157	0
Vdac3	86.5214826	0	0.92852089	0
Sla	86.396691	0	-1.8778145	0
C030034L19F	86.3063763	0	-2.5246309	0

2410015M20	86.2166206	0	0.88049165	0
Acsl5	85.9498149	0	1.00956673	0
Gm45716	85.9406772	0	1.42287142	0
Hpn	85.9150949	0	2.52037906	0
Rrp15	85.9072257	0	1.0109425	0
Cfdp1	85.8076832	0	0.94484681	0
Plekha2	85.7818069	0	-1.2567464	0
Ccnb1ip1	85.3888847	0	2.35206238	0
Gm13012	85.234293	0	-1.4153905	0
Abcg4	85.1881165	0	3.11660878	0
Snrpa	85.058798	0	0.95963237	0
G3bp1	85.0524701	0	0.87561115	0
Taldo1	85.004193	0	0.85776138	0
Gng11	84.7795703	0	-1.5243104	0
Neurl3	84.6558145	0	-2.0733093	0
Etfa	84.6177421	0	0.99720454	0
Gtf2h5	84.2291548	0	0.94353877	0
Pole3	83.8392618	0	1.01899803	0
Sesn3	83.787595	0	-1.7393234	0
Ptges2	83.7294199	0	1.31244036	0
Pdgfrb	83.6460922	0	-2.0933023	0
Clybl	83.4834492	0	1.21857907	0
Cdk1	83.4537176	0	1.11192592	0
Syce2	83.3479163	0	0.99671307	0
4930519L02R	82.8964911	0	-1.4192703	0
Atad3a	82.6516078	0	1.04020369	0
Smim13	82.565937	0	1.11117044	0
Ung	82.3915116	0	1.27438003	0
Tnfaip8l2	82.3554547	0	-1.267963	0
Tomm6	82.3194363	0	1.3487431	0
Siglecf	82.3078154	0	-1.8203717	0
Tek	82.2367058	0	-2.8093453	0
Aifm1	82.1858839	0	1.0947662	0
Bysl	82.1321137	0	1.20625739	0
Myo1g	82.0285328	0	-1.6723109	0
Necap2	81.9041759	0	0.95531752	0
Arhgap25	81.6943482	0	-1.4330101	0
Krtcap2	81.5866351	0	0.89245561	0
Acaa2	81.5653673	0	0.99498163	0
Eif5b	81.5132128	0	0.89407313	0
Arhgef28	81.3778112	0	-2.7893882	0
Mctp1	81.3602726	0	-1.5185513	0
Rad23a	81.0011247	0	1.00360753	0

Stat4	80.8791214	0	-2.0766444	0
Galk1	80.5263994	0	1.00218423	0
Exosc5	80.2966216	0	0.91574401	0
Ndufb3	80.0894023	0	0.90722857	0
Ptdss2	80.0863111	0	1.19258923	0
Srsf10	80.0579847	0	0.93109582	0
Hsph1	80.0290744	0	1.14263556	0
Sub1	79.9274142	0	0.84301155	0
Gm16141	79.9105772	0	-2.3412943	0
Uchl5	79.1058569	0	1.01238061	0
Urod	79.0214821	0	0.97013734	0
Ino80e	78.8585425	0	1.06353316	0
Mical1	78.7881758	0	-2.8147153	0
Ssx2ip	78.7864956	0	1.24688804	0
Vma21	78.626238	0	1.06788307	0
Eif3m	78.6225773	0	0.85640275	0
Tma16	78.4848628	0	1.04535992	0
Pnp2	78.426964	0	2.16789667	0
Alox5ap	78.362892	0	-1.178526	0
Rab4a	78.354991	0	1.06862293	0
Lim2	78.1769993	0	-1.6963725	0
Spr	77.8329888	0	1.06339446	0
Akap13	77.6110857	0	-0.9926236	0
Med29	77.533564	0	1.0645893	0
Cyth4	77.2554039	0	-1.4662935	0
Ndufv3	77.2144461	0	0.92012805	0
Mrps12	76.9998963	0	0.94459229	0
Cst7	76.708202	0	-1.2605943	0
Gm11837	76.5630183	0	1.7204439	0
Psm13	76.4813153	0	0.963271	0
Cep164	76.457822	0	1.56376656	0
Ddx18	76.4271908	0	0.94770824	0
Map2k2	76.3947436	0	0.93520745	0
Mtx2	76.3177348	0	1.0406493	0
Kti12	75.6804643	0	1.03095051	0
Nup43	75.5007647	0	1.15286185	0
Iscu	75.2960522	0	1.03334773	0
E230001N04I	75.2357214	0	-1.5875723	0
Ccna2	75.2302236	0	1.16770368	0
Thyn1	75.2160698	0	1.05117042	0
Coa3	75.1527051	0	0.92708371	0
Rhob	75.0965519	0	-1.5309689	0
Aunip	75.0723579	0	1.45673173	0

Nudt1	74.925646	0	1.0950945	0
Spata24	74.9136736	0	1.10413377	0
Cdk2ap1	74.7863101	0	1.04653203	0
Cdca3	74.6552727	0	1.11146067	0
Ahsa1	74.25786	0	0.95265387	0
Sf3b6	74.2548499	0	0.85394611	0
Hnrnpdl	74.072162	0	0.93087102	0
Psme3	73.6046044	0	1.06658529	0
Pstpip1	73.5704736	0	-1.3609264	0
Cops3	73.5032794	0	0.98113333	0
Cavin2	73.41425	0	-2.4692954	0
Clstn1	72.7468665	0	1.37849714	0
Rps12	72.6350398	0	0.81608703	0
Cpne3	72.6346824	0	-1.3632055	0
Wdr60	72.3871992	0	1.19531467	0
Ska1	72.34345	0	1.3158583	0
Nsmce4a	72.3187239	0	0.91950552	0
Tfdp1	72.3118704	0	0.97734555	0
Med30	72.033796	0	1.00213341	0
Chchd6	71.8924704	0	1.09925424	0
Myo1d	71.1822034	0	1.4113525	0
Polr2i	70.9063991	0	0.98643972	0
Pmm1	70.4858846	0	1.08087539	0
Naf1	70.278857	0	1.09530696	0
Swi5	70.2659581	0	0.83755786	0
Slc40a1	70.2040244	0	1.25763327	0
Eif4a3	70.0762156	1.11E-16	0.95326494	1.17E-15
Mar-02	70.0619087	1.11E-16	0.90514416	1.17E-15
Mrpl46	70.0177028	1.11E-16	1.06388482	1.17E-15
Hspa14	69.9942594	1.11E-16	1.00995136	1.17E-15
Dcun1d5	69.901498	1.11E-16	0.94966433	1.17E-15
Mrpl23	69.5903377	1.11E-16	0.8910799	1.17E-15
Naa10	69.4011398	1.11E-16	0.90221052	1.17E-15
Tcp11l2	69.206632	1.11E-16	-1.4200242	1.17E-15
Gcnt2	69.1729267	1.11E-16	-1.5165536	1.17E-15
Snf8	69.1558186	1.11E-16	0.96313434	1.17E-15
Psmc4	69.0893503	1.11E-16	0.95775117	1.17E-15
Mrpl27	69.0350282	1.11E-16	1.03917138	1.17E-15
Eif2s3x	68.9478971	1.11E-16	0.99678604	1.17E-15
Oaz1	68.73228	1.11E-16	0.82135996	1.17E-15
Erp29	68.6605125	1.11E-16	0.90966544	1.17E-15
Slc25a33	68.5222344	1.11E-16	1.47792364	1.17E-15
Dhfr	68.4525971	1.11E-16	1.1179679	1.17E-15

Itgal	68.308991	1.11E-16	-1.7188993	1.17E-15
Arhgef25	68.1357473	1.11E-16	1.68748508	1.17E-15
Auts2	68.1314717	1.11E-16	-1.8719528	1.17E-15
Gimap1	67.8862406	2.22E-16	-1.2826576	2.32E-15
Cd27	67.4558435	2.22E-16	-1.2945247	2.32E-15
Hspa5	67.2460823	2.22E-16	0.94232313	2.32E-15
Rbm8a	67.2250733	2.22E-16	0.88866566	2.32E-15
Polr2k	67.1763738	2.22E-16	0.96469497	2.32E-15
Umps	67.0588149	2.22E-16	1.04736353	2.32E-15
Dapp1	66.9703208	2.22E-16	-0.9536694	2.32E-15
Slamf1	66.9174639	3.33E-16	-1.5932254	3.45E-15
Mrpl19	66.6720135	3.33E-16	0.98495074	3.45E-15
Sf3a2	66.6542012	3.33E-16	1.02286958	3.45E-15
Rex1bd	66.5895354	3.33E-16	0.91143686	3.45E-15
Plod2	66.4406405	3.33E-16	-1.4272451	3.45E-15
Ppil1	66.4307899	3.33E-16	1.02079962	3.45E-15
Exosc1	66.3173024	3.33E-16	1.00537791	3.45E-15
Uba2	66.1487115	4.44E-16	0.97217725	4.57E-15
Atp1b2	66.1427595	4.44E-16	1.0091812	4.57E-15
Pcna	66.0400702	4.44E-16	1.01455968	4.57E-15
Cd69	66.0318214	4.44E-16	-2.1197973	4.57E-15
Cib1	65.8927999	4.44E-16	1.06663113	4.57E-15
Eif3j1	65.8467825	4.44E-16	0.9374718	4.57E-15
Lmcd1	65.8093177	4.44E-16	2.13907	4.57E-15
Plscr1	65.6737474	5.55E-16	0.98637655	5.70E-15
A430078G23I	65.5894285	5.55E-16	-1.605095	5.70E-15
Znhit3	65.4203857	5.55E-16	1.06583367	5.70E-15
Osbpl8	65.2054081	6.66E-16	-0.9930305	6.81E-15
Mxd4	65.2048607	6.66E-16	-1.0732268	6.81E-15
Mrps10	65.1956708	6.66E-16	1.00363695	6.81E-15
Eif2b1	65.080806	6.66E-16	1.07223616	6.81E-15
Ubl4a	64.9847914	7.77E-16	0.99225404	7.93E-15
Cfl1	64.8653511	7.77E-16	0.81282309	7.93E-15
1500011K16F	64.7332042	8.88E-16	0.97754941	9.04E-15
Med9	64.576915	8.88E-16	1.06158168	9.04E-15
Tmem258	64.5117488	9.99E-16	0.88537611	1.01E-14
Malsu1	64.4972522	9.99E-16	1.02727222	1.01E-14
Arpc3	64.4724528	9.99E-16	0.83292886	1.01E-14
Ube2v2	64.3004359	1.11E-15	0.99334538	1.12E-14
Shmt2	64.2517347	1.11E-15	1.06491433	1.12E-14
Cd81	64.1175911	1.22E-15	0.89845816	1.24E-14
Nubp2	63.9296721	1.33E-15	1.04265227	1.34E-14
Eif3b	63.8539057	1.33E-15	0.93554027	1.34E-14

Cmc2	63.6129447	1.55E-15	1.02889202	1.56E-14
Wdr74	63.5998193	1.55E-15	1.31688024	1.56E-14
Pecam1	63.5840256	1.55E-15	-1.4631625	1.56E-14
Gm32036	63.1224957	1.89E-15	-1.5362708	1.90E-14
Slc25a39	63.080488	2.00E-15	1.00774642	2.01E-14
Acot13	62.6203377	2.55E-15	1.02759664	2.56E-14
Mnd1	62.5523723	2.55E-15	1.13472824	2.56E-14
Rpa2	62.4946689	2.66E-15	0.99269543	2.67E-14
Cuedc1	62.2847534	3.00E-15	-2.1777774	3.00E-14
Bcl7c	62.2369721	3.00E-15	0.90341146	3.00E-14
Psmc3ip	62.0994253	3.22E-15	1.12684194	3.21E-14
Runx2	61.6589018	4.11E-15	-1.565564	4.10E-14
Apoo	61.6142468	4.22E-15	1.22455075	4.20E-14
Cd180	61.3389389	4.77E-15	-3.2878107	4.75E-14
Stip1	61.3222912	4.88E-15	0.94798711	4.86E-14
Clec4e	61.2346472	5.11E-15	-3.2319373	5.07E-14
Dnaja2	61.0699615	5.55E-15	0.90701126	5.51E-14
Egr1	61.0340846	5.66E-15	-1.3759654	5.61E-14
Bop1	60.949431	5.88E-15	1.11955968	5.83E-14
Rfc5	60.8997052	6.00E-15	1.00146262	5.93E-14
Imp4	60.8410307	6.22E-15	0.98369566	6.15E-14
Cenpa	60.8013245	6.33E-15	1.03834314	6.25E-14
Tmem86a	60.7481054	6.44E-15	-1.4458195	6.35E-14
Uhrf1	60.673605	6.77E-15	1.09947084	6.67E-14
Nwd1	60.6445806	6.88E-15	-1.7271954	6.78E-14
Angptl4	60.5186658	7.33E-15	1.26008267	7.21E-14
Clspn	60.4566644	7.55E-15	1.09479168	7.42E-14
Mtch2	60.1770246	8.66E-15	0.96553465	8.50E-14
Trip13	60.149724	8.77E-15	1.22251439	8.60E-14
Nt5c	60.0630654	9.21E-15	0.93212601	9.03E-14
Dennd1c	59.8561031	1.02E-14	-2.0251287	9.99E-14
Bbip1	59.8551044	1.02E-14	1.02184342	9.99E-14
Adsl	59.1228395	1.48E-14	1.02974776	1.44E-13
Yars2	59.0499738	1.53E-14	1.14022557	1.50E-13
Rad51ap1	59.0202412	1.57E-14	1.12117198	1.53E-13
Tmem126a	58.9457423	1.62E-14	1.05142706	1.58E-13
Abca3	58.8486298	1.70E-14	1.21589932	1.65E-13
Mrpl33	58.6879876	1.84E-14	0.87896616	1.79E-13
Igf2r	58.400523	2.14E-14	1.72765849	2.08E-13
Ndufa3	58.2815161	2.28E-14	0.89485168	2.21E-13
Eprs	58.2543442	2.30E-14	0.89099934	2.23E-13
Spred3	58.2001543	2.36E-14	-1.5439781	2.29E-13
Cachd1	58.1467393	2.43E-14	2.89327463	2.35E-13

Abhd11	57.8791263	2.79E-14	1.00288738	2.69E-13
Cetn3	57.8350245	2.85E-14	0.88065541	2.75E-13
Dlat	57.7035442	3.04E-14	1.04427833	2.93E-13
Smyd2	57.3871305	3.57E-14	1.00803748	3.45E-13
Plek	57.2085304	3.92E-14	-1.6929076	3.77E-13
Mrps31	57.1953378	3.94E-14	1.07924854	3.79E-13
Pin4	57.1068023	4.13E-14	0.96350763	3.97E-13
1700021F05F	57.0699352	4.21E-14	1.11620255	4.04E-13
Cenph	57.0591964	4.23E-14	1.07020089	4.06E-13
Utp4	57.0533973	4.24E-14	1.12892027	4.06E-13
Rars	56.8821868	4.63E-14	0.99968774	4.43E-13
Vav3	56.7882815	4.85E-14	-1.8285176	4.64E-13
Parp8	56.7870817	4.85E-14	-1.8130989	4.64E-13
Mettl1	56.697196	5.08E-14	0.97913587	4.85E-13
Arl6ip4	56.6510857	5.21E-14	0.92730115	4.97E-13
Acsl1	56.5643474	5.44E-14	1.02475252	5.18E-13
Cbx5	56.5235367	5.55E-14	0.92006127	5.28E-13
Ctps	56.3528453	6.06E-14	1.12565045	5.76E-13
Bst2	56.0660917	7.01E-14	0.93852117	6.65E-13
Peli2	55.9619365	7.39E-14	-1.7321285	7.02E-13
Cd274	55.8859566	7.68E-14	-1.3918244	7.28E-13
Ltb	55.7939549	8.05E-14	-2.0561252	7.62E-13
Cd300a	55.5510775	9.10E-14	-1.367526	8.61E-13
Pgls	55.4383706	9.65E-14	0.81777783	9.12E-13
Slc26a1	55.3722563	9.97E-14	1.69364324	9.42E-13
Strap	55.2971626	1.04E-13	0.92315519	9.77E-13
Mycbp	55.2463382	1.06E-13	1.10853344	1.00E-12
Psm11	55.2269949	1.07E-13	0.89977863	1.01E-12
Tnfrsf13b	55.1106412	1.14E-13	-1.3585546	1.07E-12
Pear1	55.0874658	1.15E-13	-1.9062723	1.08E-12
Psm1	55.0654146	1.17E-13	0.94695669	1.09E-12
Fam49a	54.9959857	1.21E-13	-1.7423974	1.13E-12
Ttll12	54.9195259	1.26E-13	1.10892458	1.18E-12
Hgf	54.9126526	1.26E-13	-2.6358375	1.18E-12
Zwilch	54.8074205	1.33E-13	1.25064331	1.24E-12
Tmem70	54.7395128	1.38E-13	0.98963382	1.29E-12
Hypk	54.729921	1.38E-13	0.96999094	1.29E-12
Mrpl37	54.6672206	1.43E-13	1.08916317	1.33E-12
Glpr1	54.567286	1.50E-13	-1.2710855	1.40E-12
Slc19a1	54.5427877	1.52E-13	1.11990093	1.42E-12
Eya1	54.2210664	1.79E-13	-1.6269211	1.67E-12
Dctpp1	54.1366048	1.87E-13	0.8672604	1.74E-12
Aes	53.9780396	2.03E-13	0.83842752	1.88E-12

Gsr	53.9460753	2.06E-13	1.03313125	1.91E-12
Mboat2	53.7678915	2.26E-13	2.12939764	2.09E-12
Celf2	53.7350031	2.29E-13	-0.9416356	2.13E-12
Afap111	53.6093254	2.45E-13	-1.4412384	2.26E-12
Setd6	53.5127206	2.57E-13	1.19057951	2.37E-12
Selenow	53.3883923	2.74E-13	0.82720184	2.53E-12
Cdc6	53.2548413	2.93E-13	1.11140087	2.70E-12
Psd3	53.1850376	3.04E-13	-1.594294	2.80E-12
Ggt5	53.0804651	3.20E-13	-2.3695032	2.95E-12
Srgap3	52.9666651	3.39E-13	-2.1062221	3.12E-12
Eif4g1	52.9630853	3.40E-13	0.91445731	3.12E-12
Epor	52.8735752	3.56E-13	1.02470315	3.27E-12
Dok2	52.8530642	3.59E-13	-1.3246549	3.30E-12
Apbb1ip	52.8323594	3.63E-13	0.93738557	3.33E-12
Tubg1	52.8307178	3.64E-13	1.17086626	3.33E-12
Cenps	52.586032	4.12E-13	1.09902545	3.77E-12
Rfesd	52.5768826	4.14E-13	0.99028229	3.78E-12
9930012K11F	52.576102	4.14E-13	-1.445569	3.78E-12
Prkg1	52.5392453	4.22E-13	-2.3635998	3.85E-12
Rnd2	52.4670009	4.38E-13	-2.0476026	3.99E-12
Gm2a	52.4215533	4.48E-13	-1.0977543	4.08E-12
Dnajc25	52.3802123	4.57E-13	1.20055893	4.16E-12
Carhsp1	52.3648941	4.61E-13	1.26099893	4.19E-12
Ssbp4	52.3379248	4.67E-13	0.95101616	4.24E-12
2310039H08F	52.2161136	4.97E-13	0.91640272	4.51E-12
Mfsd6	52.1814847	5.06E-13	-1.0552101	4.59E-12
Aasdhppt	52.1514146	5.14E-13	0.98634858	4.65E-12
Psm9	52.1296223	5.20E-13	0.98651359	4.70E-12
Trappc2l	52.0496033	5.41E-13	1.00812299	4.89E-12
F630028O10F	51.972443	5.63E-13	-1.5053856	5.09E-12
Clns1a	51.9339934	5.74E-13	0.92168693	5.18E-12
Polr2c	51.9183397	5.79E-13	0.92973635	5.22E-12
2310061I04R	51.6468004	6.64E-13	1.1309594	5.99E-12
Aurkb	51.5005059	7.16E-13	1.11373257	6.44E-12
Psen2	51.3231991	7.83E-13	1.03450461	7.05E-12
Fgl2	51.2909377	7.96E-13	-1.5919117	7.16E-12
Letm1	51.2706097	8.05E-13	1.07673426	7.22E-12
Pdss1	51.2363597	8.19E-13	1.24197785	7.35E-12
Gm45620	51.0661143	8.93E-13	-2.5575924	8.00E-12
Tuba1a	50.9881394	9.29E-13	-1.3680474	8.32E-12
Ndufa7	50.9791728	9.33E-13	0.83715967	8.35E-12
Bloc1s5	50.7193331	1.07E-12	1.14226126	9.52E-12
Dnaja3	50.6950067	1.08E-12	1.08131677	9.63E-12

Leprot	50.6647988	1.10E-12	0.97386943	9.77E-12
Adgrl4	50.4978767	1.19E-12	-1.6615947	1.06E-11
Sep-04	50.448813	1.22E-12	1.62041652	1.09E-11
Cad	50.4204997	1.24E-12	1.07048764	1.10E-11
Syng1	50.1828732	1.40E-12	1.43690266	1.25E-11
Kars	50.1530216	1.42E-12	0.99852344	1.26E-11
Gm16286	50.1497445	1.42E-12	0.87624425	1.26E-11
Atp8b2	50.0844052	1.47E-12	-2.2231994	1.31E-11
Fech	50.0306853	1.51E-12	1.14795012	1.34E-11
Eef1akmt1	50.022378	1.52E-12	1.02315755	1.35E-11
Sem1	50.0041561	1.53E-12	0.82456628	1.36E-11
Myo1f	49.9951801	1.54E-12	-2.01032	1.36E-11
Lpp	49.9938696	1.54E-12	-2.126277	1.36E-11
Map4k1	49.973482	1.56E-12	1.03673007	1.37E-11
Tmem208	49.8817225	1.63E-12	0.90599731	1.44E-11
Plekho1	49.845367	1.66E-12	-1.4370032	1.46E-11
Fdx1	49.7976457	1.70E-12	0.99731599	1.50E-11
Trappc5	49.761945	1.74E-12	0.95614941	1.53E-11
Capn2	49.7348898	1.76E-12	-1.6846729	1.55E-11
Magohb	49.6581842	1.83E-12	0.96044935	1.61E-11
Arl2	49.5597098	1.92E-12	0.99079396	1.69E-11
Elovl7	49.4109559	2.08E-12	-1.2519351	1.82E-11
Nop2	49.3587086	2.13E-12	1.04921135	1.87E-11
Ptgs1	49.3077374	2.19E-12	-2.1726124	1.91E-11
Med8	49.2643997	2.24E-12	0.9563339	1.95E-11
Ggct	49.010662	2.55E-12	1.15324457	2.22E-11
Ppat	48.9659924	2.60E-12	0.94336139	2.27E-11
1700086O06I	48.8803893	2.72E-12	1.21622103	2.37E-11
Sh2d3c	48.7247558	2.95E-12	-2.6564617	2.56E-11
Spns2	48.6844282	3.01E-12	-1.0866495	2.61E-11
Otos	48.634475	3.08E-12	-2.1953668	2.68E-11
Elk3	48.3983215	3.48E-12	-1.1771173	3.02E-11
Mrps35	48.3946865	3.49E-12	0.95143026	3.02E-11
Agpat3	48.101115	4.05E-12	1.72863746	3.51E-11
Pbk	47.8578676	4.58E-12	1.10522104	3.97E-11
Ephx2	47.5570166	5.34E-12	1.58896885	4.62E-11
Cluh	47.4529085	5.63E-12	1.07748911	4.87E-11
Anxa1	47.4403786	5.67E-12	-1.2708354	4.90E-11
1110065P20F	47.4139087	5.75E-12	1.07478444	4.96E-11
Rhof	47.2105525	6.38E-12	-2.4919074	5.50E-11
Prorsd1	47.1993325	6.41E-12	0.95419436	5.52E-11
Aco2	47.1791837	6.48E-12	0.92421233	5.58E-11
Rabggtb	46.858726	7.63E-12	0.99550997	6.56E-11

Al504432	46.8583769	7.63E-12	-1.3584966	6.56E-11
Rpl4	46.7103371	8.23E-12	0.78440463	7.06E-11
Ube2a	46.6837129	8.34E-12	0.93211922	7.15E-11
Utp18	46.6119176	8.65E-12	0.96377969	7.41E-11
Lman2	46.5569651	8.90E-12	0.91286651	7.62E-11
Reep6	46.5155873	9.09E-12	1.58774131	7.78E-11
Psm2	46.3843626	9.72E-12	0.92076329	8.31E-11
Rbx1	46.1832271	1.08E-11	0.82272376	9.20E-11
Paqr4	46.0309002	1.16E-11	1.56589882	9.93E-11
Pik3r2	45.9363317	1.22E-11	1.22823169	1.04E-10
Fosb	45.891516	1.25E-11	-1.1225055	1.06E-10
Lrrc42	45.8634418	1.27E-11	1.22620648	1.08E-10
Ciapi1	45.7998591	1.31E-11	1.00741186	1.11E-10
Grhpr	45.7899554	1.32E-11	1.04961018	1.12E-10
Lrr1	45.7773518	1.32E-11	1.35944869	1.12E-10
Asf1b	45.7340063	1.35E-11	1.05476857	1.15E-10
Wdr55	45.706273	1.37E-11	1.04896071	1.16E-10
Rnps1	45.6838431	1.39E-11	0.86572829	1.18E-10
Mcts1	45.6147879	1.44E-11	0.91508623	1.22E-10
Pop1	45.4402207	1.57E-11	1.13500598	1.33E-10
Farsb	45.3993846	1.61E-11	1.00459776	1.36E-10
1700001L05R	45.3819523	1.62E-11	1.78375104	1.37E-10
Cdt1	45.371512	1.63E-11	1.05297454	1.37E-10
Tsc22d3	45.3708071	1.63E-11	-1.09406	1.37E-10
Rpp30	45.3600803	1.64E-11	1.00833303	1.38E-10
Mrpl32	45.1439776	1.83E-11	0.89745711	1.54E-10
Pmvk	45.1175423	1.86E-11	1.04816349	1.56E-10
Wdr75	45.0741995	1.90E-11	0.98353802	1.59E-10
Klhl6	44.9240844	2.05E-11	-1.0310877	1.72E-10
Rab31	44.9221115	2.05E-11	-1.6481789	1.72E-10
Adora2a	44.8686425	2.11E-11	-2.394165	1.76E-10
Gstm7	44.6625363	2.34E-11	-2.0461452	1.96E-10
Mybl2	44.6511943	2.35E-11	1.23412504	1.97E-10
Hells	44.6458316	2.36E-11	1.0605196	1.97E-10
Gins1	44.5916164	2.43E-11	1.18767622	2.03E-10
Coq4	44.5310726	2.50E-11	1.16793844	2.09E-10
Garem1	44.5083875	2.53E-11	1.72350587	2.11E-10
Pglyrp2	44.3385251	2.76E-11	-2.1478568	2.30E-10
Polr3h	44.2273859	2.92E-11	0.98038247	2.43E-10
Get4	44.1961175	2.97E-11	1.01920967	2.47E-10
Dgka	44.1894319	2.98E-11	-2.4540849	2.48E-10
Mrps6	44.1436624	3.05E-11	1.03750307	2.53E-10
Thg1l	44.1066359	3.11E-11	1.06576945	2.58E-10

Cd82	44.1008618	3.12E-11	1.20049523	2.58E-10
Zscan2	44.0805977	3.15E-11	-1.5421785	2.61E-10
Polr1c	43.9510308	3.37E-11	0.96909486	2.78E-10
Slc25a4	43.8563937	3.53E-11	0.86575771	2.92E-10
Ddx27	43.8399179	3.56E-11	0.89924219	2.94E-10
Ecsit	43.8062978	3.63E-11	1.08969494	2.99E-10
Sigmar1	43.7272121	3.77E-11	1.07728613	3.11E-10
Gm19590	43.6491435	3.93E-11	-1.9627669	3.24E-10
Rpl22l1	43.5824717	4.06E-11	0.80566448	3.34E-10
Hnrnpf	43.5806733	4.07E-11	0.81344497	3.35E-10
Pdlim2	43.5661059	4.10E-11	-1.4719924	3.37E-10
Gm1604a	43.4899219	4.26E-11	-1.910718	3.50E-10
Wdr4	43.4039048	4.45E-11	1.08099703	3.65E-10
Smim26	43.1419723	5.09E-11	1.01760497	4.17E-10
Stat3	43.0022992	5.47E-11	-0.9479382	4.48E-10
Eps15	42.9549863	5.60E-11	1.01677495	4.58E-10
Sptan1	42.8675901	5.86E-11	-1.6925355	4.79E-10
Hddc2	42.800383	6.06E-11	0.94478236	4.95E-10
Ndufa13	42.796472	6.07E-11	0.83138997	4.96E-10
Crebrf	42.7228489	6.31E-11	-1.1546122	5.14E-10
Tubb5	42.6240124	6.63E-11	0.87063521	5.41E-10
Pgk1	42.5452773	6.91E-11	0.87957255	5.62E-10
Gm10384	42.4904102	7.10E-11	-1.8390167	5.78E-10
Gtf3a	42.4292963	7.33E-11	0.87534226	5.96E-10
Pdia3	42.39631	7.45E-11	0.86589463	6.05E-10
Gpatch4	42.1881539	8.29E-11	0.90245978	6.73E-10
Tlcd1	42.0866949	8.73E-11	1.32556944	7.08E-10
Acvr1b	42.0544207	8.88E-11	-1.6681249	7.19E-10
Poc1a	41.9268107	9.48E-11	1.20676651	7.67E-10
Zfp637	41.9078617	9.57E-11	0.98751694	7.74E-10
Trem12	41.5822889	1.13E-10	-0.9898816	9.13E-10
Rbm28	41.489831	1.18E-10	0.94313318	9.57E-10
Snx3	41.4258669	1.22E-10	0.84001823	9.88E-10
Cnih1	41.4072067	1.24E-10	0.9549986	9.97E-10
Smc2	41.3581	1.27E-10	0.91521703	1.02E-09
Tkt	41.346844	1.27E-10	0.80865772	1.03E-09
Dach1	41.270605	1.33E-10	-0.9970374	1.07E-09
Ssrp1	41.1255345	1.43E-10	0.87014637	1.15E-09
Mrps27	41.0349029	1.50E-10	1.11204694	1.20E-09
Mrps18a	40.9819211	1.54E-10	0.9038819	1.23E-09
Atp2a3	40.9455529	1.57E-10	-1.3979675	1.26E-09
Rcsd1	40.9089693	1.59E-10	-1.3990743	1.28E-09
Dyrk1b	40.6562114	1.82E-10	-1.7472722	1.45E-09

Ddx56	40.6179104	1.85E-10	1.01453496	1.48E-09
Rnaseh2a	40.3941106	2.08E-10	0.92225566	1.66E-09
Slc16a10	40.3618837	2.11E-10	1.16926126	1.69E-09
Yrdc	40.3212475	2.15E-10	0.99570704	1.72E-09
Klhl24	40.094882	2.42E-10	-0.9964561	1.93E-09
Wdr83os	40.0007565	2.54E-10	0.84771571	2.02E-09
Rad23b	39.9244464	2.64E-10	0.91277848	2.10E-09
Fam217b	39.8374185	2.76E-10	-1.6056457	2.20E-09
Eif1a	39.6086166	3.10E-10	0.92271488	2.46E-09
Bud31	39.608274	3.10E-10	0.92675628	2.46E-09
Yif1b	39.58462	3.14E-10	0.90193192	2.49E-09
Fli1	39.5557338	3.19E-10	-1.1129266	2.53E-09
Ndufs2	39.3810421	3.49E-10	0.8630515	2.76E-09
Ddt	39.3799401	3.49E-10	0.92050419	2.76E-09
P2rx1	39.3629735	3.52E-10	-2.7143739	2.78E-09
Rnaseh2b	39.3281301	3.58E-10	0.93872392	2.83E-09
Dohh	39.2454217	3.74E-10	0.93243366	2.95E-09
Msh6	39.2415241	3.74E-10	1.04957242	2.96E-09
Ssu72	39.1855731	3.85E-10	0.87252427	3.04E-09
Ms4a2	39.0304265	4.17E-10	-1.9580401	3.29E-09
Lpcat2	38.992781	4.25E-10	-2.2140714	3.35E-09
Arhgap32	38.8020536	4.69E-10	-1.8196062	3.69E-09
Aven	38.6588967	5.05E-10	0.99322241	3.96E-09
Zfp800	38.6587087	5.05E-10	0.91936838	3.96E-09
Ormdl2	38.6146089	5.16E-10	0.93209603	4.05E-09
Faup24	38.4324995	5.67E-10	1.10019199	4.44E-09
St3gal6	38.4098484	5.73E-10	1.97631036	4.49E-09
Itga2	38.374562	5.84E-10	-4.1658102	4.57E-09
Nat10	38.3179212	6.01E-10	1.05105442	4.70E-09
2810004N23I	38.2634098	6.18E-10	0.89310037	4.83E-09
Dis3	38.2524053	6.22E-10	1.00686824	4.86E-09
B9d1	38.2231613	6.31E-10	2.02166946	4.92E-09
Rer1	38.1675403	6.49E-10	0.86023624	5.06E-09
Mgst3	38.1072438	6.70E-10	1.013848	5.22E-09
Cdc14a	38.0931393	6.74E-10	-1.0903869	5.25E-09
Gm10073	37.8956741	7.46E-10	0.89400337	5.81E-09
Gprc5b	37.8073006	7.81E-10	-4.0437374	6.07E-09
Grwd1	37.7319549	8.12E-10	1.01101961	6.30E-09
Exosc3	37.6485514	8.47E-10	0.90062197	6.58E-09
Wdr46	37.6271045	8.56E-10	0.96167574	6.64E-09
Zfp36	37.5953715	8.71E-10	-1.2542596	6.75E-09
1600002K03F	37.5606399	8.86E-10	1.00956673	6.86E-09
Hist1h1b	37.4755124	9.26E-10	1.01813834	7.16E-09

Oaf	37.4039436	9.60E-10	1.15635042	7.42E-09
Klf3	37.3460654	9.89E-10	0.99400876	7.64E-09
Gm10053	37.2870202	1.02E-09	1.40304362	7.87E-09
Hmgb2	37.2852374	1.02E-09	0.8651819	7.87E-09
Nynrin	37.2358745	1.05E-09	-1.5273108	8.07E-09
C2	37.2274778	1.05E-09	1.57510543	8.10E-09
Abcb6	37.2010305	1.07E-09	1.28861583	8.20E-09
Sae1	37.1814615	1.08E-09	0.8878842	8.28E-09
BC028528	37.1099743	1.12E-09	-1.1381537	8.58E-09
Ddx1	37.1011415	1.12E-09	0.92589821	8.61E-09
Agpat5	37.0181754	1.17E-09	0.90946993	8.98E-09
Cd84	36.976655	1.20E-09	-1.0424174	9.17E-09
Asna1	36.8585415	1.27E-09	1.02615965	9.73E-09
Slc7a6	36.827929	1.29E-09	-1.7900676	9.88E-09
Rnf180	36.7565134	1.34E-09	-1.8644059	1.02E-08
Sh2d5	36.570523	1.47E-09	-1.5359364	1.13E-08
Sap30	36.4716166	1.55E-09	0.94655486	1.18E-08
Aen	36.4495523	1.57E-09	0.95613396	1.20E-08
Gpsm1	36.4286111	1.58E-09	-1.7347267	1.21E-08
Top1mt	36.3594003	1.64E-09	1.16254362	1.25E-08
Igsf3	36.3398121	1.66E-09	1.32645379	1.26E-08
Zfp706	36.2624291	1.72E-09	0.8394668	1.31E-08
Armc6	36.0716279	1.90E-09	1.22806942	1.45E-08
Cdc37	35.7551051	2.24E-09	0.82201551	1.70E-08
Psmc3	35.7458063	2.25E-09	0.85528093	1.71E-08
Cd320	35.6098606	2.41E-09	1.0156129	1.83E-08
Phlda2	35.4454249	2.62E-09	1.32492781	1.99E-08
Ap2s1	35.3698934	2.73E-09	0.84445521	2.06E-08
B3gnt5	35.288276	2.84E-09	-1.680904	2.15E-08
Sumo1	35.2803051	2.86E-09	0.84925703	2.16E-08
Abcf2	35.1890704	2.99E-09	0.9751943	2.26E-08
Wdr43	35.1839823	3.00E-09	0.87217673	2.26E-08
Cnrip1	34.8735565	3.52E-09	-2.7827092	2.65E-08
Utp14a	34.755847	3.74E-09	0.87591703	2.82E-08
Tstd3	34.6861213	3.87E-09	1.4055537	2.92E-08
Myg1	34.6296042	3.99E-09	0.93616778	3.00E-08
Ifi203	34.5913779	4.07E-09	-1.1533783	3.06E-08
Nle1	34.5549073	4.14E-09	1.01965877	3.11E-08
Mmp14	34.4795487	4.31E-09	1.07760596	3.24E-08
Rbm17	34.4376133	4.40E-09	0.87012382	3.30E-08
Trmt61a	34.3622954	4.58E-09	1.09383195	3.43E-08
Gmps	34.3452025	4.62E-09	0.88432615	3.46E-08
Slc43a2	34.2612828	4.82E-09	-1.0566584	3.61E-08

Lrrc20	34.2409625	4.87E-09	1.2675321	3.64E-08
Vps29	34.2224761	4.92E-09	0.88807143	3.68E-08
Rapsn	34.2130741	4.94E-09	-2.3663418	3.69E-08
Sav1	34.1555728	5.09E-09	0.99041366	3.80E-08
Mrpl49	34.0769554	5.30E-09	0.95351795	3.95E-08
Lig1	34.0677082	5.32E-09	0.91194713	3.97E-08
Sarnp	34.0533994	5.36E-09	0.87167648	3.99E-08
Cdca8	34.0319632	5.42E-09	0.95413742	4.04E-08
Ccl17	33.9880061	5.55E-09	-1.2980118	4.12E-08
Cox11	33.9517426	5.65E-09	1.11626708	4.20E-08
Psmc1	33.9470317	5.66E-09	0.91242113	4.21E-08
Abhd14a	33.8725399	5.88E-09	0.93083205	4.37E-08
Vat1	33.8501961	5.95E-09	-1.1304224	4.41E-08
B3glct	33.7714618	6.20E-09	1.06535566	4.59E-08
Timeless	33.7310998	6.33E-09	1.01668041	4.69E-08
Mcm7	33.7113456	6.39E-09	0.87467442	4.73E-08
Exoc3l2	33.7010947	6.43E-09	-2.0379718	4.75E-08
Gfi1b	33.6820767	6.49E-09	0.93439555	4.79E-08
Ces2g	33.6222891	6.69E-09	0.87623833	4.94E-08
Gabbr1	33.3748771	7.60E-09	-1.5302012	5.61E-08
Hivep3	33.1824904	8.39E-09	-2.279665	6.19E-08
Ptpcr	32.9991484	9.22E-09	-0.9690658	6.79E-08
Tmem167	32.9053865	9.68E-09	0.85092863	7.12E-08
Pus1	32.900857	9.70E-09	0.93847713	7.13E-08
Znhit1	32.8953512	9.73E-09	0.93976351	7.15E-08
Hivep2	32.8770097	9.82E-09	-2.0291866	7.21E-08
Ypel1	32.6620644	1.10E-08	-1.6971781	8.05E-08
Mdh1	32.6224307	1.12E-08	0.84555204	8.21E-08
Emc7	32.5847191	1.14E-08	0.89384957	8.36E-08
Rcc1l	32.5634809	1.15E-08	1.07879886	8.45E-08
Tmem159	32.5130631	1.18E-08	-1.4607499	8.66E-08
Mrpl4	32.4824041	1.20E-08	0.91709474	8.80E-08
Layn	32.4024138	1.25E-08	-2.6926386	9.16E-08
Sgce	32.3742594	1.27E-08	-1.649025	9.28E-08
Chaf1a	32.2973044	1.32E-08	0.98806335	9.65E-08
Uck2	32.2644869	1.35E-08	0.93575192	9.81E-08
Exo1	32.2543344	1.35E-08	1.1045686	9.85E-08
Apopt1	32.2068642	1.39E-08	0.89506547	1.01E-07
Rpp21	32.1780805	1.41E-08	0.88728884	1.02E-07
Gpr171	32.1028702	1.46E-08	-1.5444275	1.06E-07
Ntpcr	32.0688073	1.49E-08	0.97807746	1.08E-07
Ssna1	32.020626	1.53E-08	0.84152323	1.11E-07
Timm44	32.0139008	1.53E-08	0.91673389	1.11E-07

Ncln	31.9517609	1.58E-08	1.05571657	1.15E-07
Cmss1	31.8512907	1.66E-08	0.90184248	1.21E-07
Gclm	31.8424636	1.67E-08	0.79629438	1.21E-07
Esco2	31.8267679	1.69E-08	1.04195677	1.22E-07
Cops9	31.667866	1.83E-08	0.84694079	1.32E-07
Rtraf	31.6596718	1.84E-08	0.81285252	1.33E-07
Blvra	31.6529325	1.84E-08	0.9578672	1.33E-07
Arf5	31.6479716	1.85E-08	0.81542175	1.33E-07
Nme6	31.4623856	2.03E-08	1.00743854	1.47E-07
Slc2a1	31.440553	2.06E-08	-1.4615908	1.48E-07
Gm15491	31.4331173	2.06E-08	1.3162741	1.49E-07
Mar-08	31.3959527	2.10E-08	1.16078262	1.51E-07
Gem	31.2849193	2.23E-08	-1.5045068	1.60E-07
Emc4	31.2787872	2.24E-08	0.91953462	1.60E-07
Txnrd2	31.1588512	2.38E-08	1.01549777	1.71E-07
Prim1	31.1580874	2.38E-08	0.9309502	1.71E-07
Imp3	31.1451233	2.39E-08	0.81511129	1.72E-07
Il21r	30.9749628	2.61E-08	-1.7763487	1.87E-07
H2-Oa	30.9314812	2.67E-08	-1.1011171	1.91E-07
Lag3	30.9264037	2.68E-08	-2.4937349	1.92E-07
Phf21a	30.884217	2.74E-08	-0.8810298	1.96E-07
Gtf2h4	30.8807648	2.74E-08	0.9845902	1.96E-07
Cyth3	30.8381922	2.80E-08	0.97375335	2.00E-07
Oasl1	30.8303695	2.82E-08	1.57544591	2.01E-07
Nmral1	30.8244342	2.82E-08	0.94645809	2.01E-07
Sash1	30.8164524	2.84E-08	-1.6644454	2.02E-07
Xpo1	30.7846859	2.88E-08	0.93440106	2.05E-07
Rpl7l1	30.6120366	3.15E-08	0.86704991	2.24E-07
Cct4	30.5712586	3.22E-08	0.80591657	2.29E-07
Padi2	30.524454	3.30E-08	-1.6399412	2.34E-07
Timp3	30.446154	3.43E-08	-3.06833	2.44E-07
Heatr3	30.4395946	3.44E-08	0.99799902	2.44E-07
Mpl	30.4167687	3.49E-08	-2.2197329	2.47E-07
Gm26532	30.4112796	3.49E-08	-1.1089404	2.47E-07
Mecom	30.3845428	3.54E-08	-1.7724634	2.51E-07
Stx3	30.3577894	3.59E-08	-1.1171001	2.54E-07
Mthfd1l	30.3337706	3.64E-08	1.00478055	2.57E-07
Bid	30.177931	3.94E-08	1.00741434	2.78E-07
Mylpf	30.1662865	3.97E-08	1.12481452	2.80E-07
Spp12b	30.0410761	4.23E-08	0.98529044	2.98E-07
Ube2s	30.0291435	4.26E-08	0.84389467	3.00E-07
Scrn3	29.9644902	4.40E-08	1.1280257	3.10E-07
Snrnp40	29.9487489	4.44E-08	0.86157326	3.12E-07

Cuta	29.8050413	4.78E-08	0.82531523	3.36E-07
Cd34	29.7874069	4.82E-08	-1.2478312	3.39E-07
Rcl1	29.7818769	4.83E-08	0.90163027	3.39E-07
Psmf1	29.6754993	5.11E-08	0.99819686	3.58E-07
Cs	29.6727206	5.11E-08	0.92497065	3.59E-07
Ncbp2	29.6642904	5.14E-08	0.91837272	3.60E-07
Maml2	29.6624335	5.14E-08	-2.1429551	3.60E-07
Bak1	29.6508082	5.17E-08	0.97035403	3.62E-07
Frat2	29.5366444	5.49E-08	0.8620138	3.84E-07
Fdps	29.5093955	5.56E-08	0.96890685	3.89E-07
Dgkg	29.5054889	5.58E-08	-2.5375989	3.89E-07
Ddx46	29.4670946	5.69E-08	0.82248298	3.97E-07
Amd2	29.4018229	5.88E-08	1.07102463	4.10E-07
Rad51	29.3288637	6.11E-08	1.05829186	4.25E-07
Arhgap31	29.3078943	6.17E-08	-1.5895343	4.30E-07
Atp10a	29.2857382	6.25E-08	-1.5639969	4.34E-07
Asf1a	29.2140449	6.48E-08	0.8627751	4.50E-07
Abcg2	29.0959963	6.89E-08	0.96797749	4.78E-07
Arl11	28.9988311	7.24E-08	-1.2662095	5.03E-07
Arhgef5	28.9689474	7.35E-08	-1.6717088	5.10E-07
Tmem41a	28.9680321	7.36E-08	1.00758046	5.10E-07
Ikzf2	28.9089479	7.59E-08	-0.9854517	5.25E-07
4930555A03f	28.9076979	7.59E-08	-1.4762482	5.25E-07
Ssr4	28.9021413	7.61E-08	0.78482268	5.27E-07
Nfam1	28.8034656	8.01E-08	-1.4956347	5.54E-07
Nars	28.7730617	8.14E-08	0.87800408	5.62E-07
Sec13	28.7248435	8.34E-08	0.93724211	5.76E-07
Ifi27l2a	28.7181433	8.37E-08	-1.6556419	5.77E-07
St6galnac4	28.6807122	8.53E-08	1.01458146	5.88E-07
Maged2	28.6470754	8.68E-08	-2.1896387	5.98E-07
Tomm70a	28.6146775	8.83E-08	0.8784548	6.08E-07
Tbca	28.6022121	8.89E-08	0.83189291	6.11E-07
Hpf1	28.5890362	8.95E-08	0.84684079	6.15E-07
Nedd9	28.5504868	9.13E-08	-1.6740193	6.27E-07
Adgrg1	28.5434999	9.16E-08	-0.9001606	6.29E-07
Dscc1	28.4093839	9.82E-08	1.07612302	6.74E-07
Pmpcb	28.3303898	1.02E-07	0.89462498	7.01E-07
Tie1	28.2896803	1.04E-07	-2.1481562	7.16E-07
Rpn2	28.2487415	1.07E-07	0.86307864	7.30E-07
Ptrhd1	28.2407784	1.07E-07	0.98869109	7.33E-07
Wdr61	28.1983439	1.09E-07	0.85688468	7.49E-07
Sar1b	28.1671548	1.11E-07	0.90173973	7.60E-07
Zbtb16	28.1514728	1.12E-07	-1.3923539	7.66E-07

Aqp1	28.1498464	1.12E-07	0.85059031	7.66E-07
Ppp1cc	27.97374	1.23E-07	0.82886476	8.38E-07
Trap1	27.9677775	1.23E-07	0.91553017	8.40E-07
Pdcd11	27.7697196	1.37E-07	0.91066806	9.30E-07
Coq3	27.5732917	1.51E-07	1.07917617	1.03E-06
Jdp2	27.5280392	1.55E-07	-1.8340284	1.05E-06
Spata13	27.4468908	1.61E-07	-1.8410454	1.10E-06
Rasgrp2	27.4360173	1.62E-07	-0.9802112	1.10E-06
Srpk1	27.2264099	1.81E-07	0.83210182	1.23E-06
Metrn	27.2196461	1.82E-07	0.94925314	1.23E-06
Tmem56	27.2075382	1.83E-07	1.96755904	1.24E-06
Mcm10	27.1323435	1.90E-07	1.04562078	1.29E-06
Zfp516	27.041814	1.99E-07	-1.6645821	1.35E-06
Got1	27.0311879	2.00E-07	1.14349298	1.35E-06
Haus1	27.0259908	2.01E-07	0.95508015	1.36E-06
Ccnb1	26.9651757	2.07E-07	0.98556258	1.40E-06
Alg3	26.9225192	2.12E-07	1.09197281	1.43E-06
Cope	26.8906502	2.15E-07	0.84761876	1.45E-06
Stk10	26.8890581	2.15E-07	-1.1799877	1.45E-06
Clec2d	26.868739	2.18E-07	-0.8990102	1.47E-06
BC030867	26.7497359	2.32E-07	1.32758197	1.56E-06
Exosc9	26.6172518	2.48E-07	0.97567551	1.67E-06
Sec11a	26.6156986	2.48E-07	0.83208743	1.67E-06
Traip	26.4921181	2.65E-07	1.10842835	1.78E-06
Cebpb	26.4751603	2.67E-07	1.17941183	1.79E-06
Slc25a1	26.3034909	2.92E-07	0.91788867	1.96E-06
Actl6a	26.2913807	2.94E-07	0.84603425	1.97E-06
Rpp25l	26.2690752	2.97E-07	0.88380937	1.99E-06
Thoc7	26.1852268	3.10E-07	0.80872109	2.08E-06
D8Erttd738e	26.1728088	3.12E-07	0.81197812	2.09E-06
Cela1	26.0792484	3.28E-07	0.95148868	2.19E-06
Eif3a	26.0529211	3.32E-07	0.78846483	2.22E-06
Rbks	26.0481343	3.33E-07	1.00944468	2.22E-06
Gulp1	26.0478264	3.33E-07	-2.4598184	2.22E-06
Rap1gap	26.0477536	3.33E-07	1.5417017	2.22E-06
Zcrb1	26.036664	3.35E-07	0.8354521	2.23E-06
Pdia6	26.0084974	3.40E-07	0.84048743	2.26E-06
Crls1	25.9640557	3.48E-07	0.94788426	2.31E-06
Apex1	25.9068589	3.58E-07	0.82895015	2.38E-06
Spon2	25.8173072	3.75E-07	1.84540434	2.49E-06
Ddx58	25.7884556	3.81E-07	-1.2258143	2.53E-06
Ccdc68	25.7002017	3.99E-07	1.10182741	2.65E-06
Dnajb3	25.4991464	4.43E-07	1.31096583	2.94E-06

Pnrc1	25.404486	4.65E-07	-0.8437438	3.08E-06
Hmgb1	25.3788342	4.71E-07	0.78292592	3.12E-06
Usp10	25.3503024	4.78E-07	0.93084654	3.16E-06
Gimap5	25.300585	4.91E-07	-1.4531269	3.24E-06
Noa1	25.2627065	5.00E-07	0.91613937	3.31E-06
Fhit	25.1607044	5.27E-07	1.1470907	3.48E-06
Lactb2	25.140869	5.33E-07	1.03898942	3.52E-06
Ipo5	25.0233794	5.66E-07	0.89744622	3.74E-06
Mdfi	25.0060333	5.72E-07	-1.9414045	3.77E-06
Med21	24.988463	5.77E-07	0.87881388	3.80E-06
Nubp1	24.9556531	5.87E-07	0.89049321	3.86E-06
Elovl1	24.9458105	5.90E-07	0.91664335	3.88E-06
Bex3	24.7299571	6.60E-07	0.8178992	4.34E-06
Gtpbp4	24.6884157	6.74E-07	0.82387136	4.43E-06
Bub1	24.651836	6.87E-07	1.05707259	4.51E-06
Ddost	24.6316961	6.94E-07	0.83657693	4.55E-06
Ube2k	24.5398394	7.28E-07	0.83262946	4.77E-06
Rgs2	24.3740519	7.93E-07	-1.3012433	5.20E-06
Noc2l	24.3570761	8.00E-07	0.85936094	5.24E-06
Chn2	24.3474806	8.04E-07	-1.9418618	5.26E-06
Elavl1	24.3031757	8.23E-07	0.85059178	5.38E-06
F2rl2	24.2707775	8.37E-07	-2.5373241	5.47E-06
Dbi	24.2336753	8.53E-07	0.80626403	5.57E-06
Psph	24.2283079	8.56E-07	0.94684118	5.59E-06
Heatr1	24.1363147	8.98E-07	0.96694917	5.85E-06
Mtfr1	24.0419631	9.43E-07	0.99688479	6.14E-06
Sox12	24.0345068	9.46E-07	1.03962288	6.16E-06
Sms	24.0043095	9.61E-07	0.84581217	6.26E-06
Slc16a6	23.8798126	1.03E-06	0.96881914	6.67E-06
Bcat2	23.5970818	1.19E-06	0.91772322	7.72E-06
Trps1	23.5848982	1.20E-06	-1.7321684	7.77E-06
Cd9	23.5611341	1.21E-06	-0.9198195	7.86E-06
Ctsf	23.4721031	1.27E-06	-1.4863633	8.22E-06
F11r	23.4489866	1.28E-06	-2.7231911	8.32E-06
Smpd2	23.3923559	1.32E-06	-1.3122528	8.56E-06
Vrk1	23.3676193	1.34E-06	0.8671164	8.67E-06
Card9	23.2932607	1.39E-06	-2.0690376	9.00E-06
Ddit4	23.2648089	1.41E-06	-1.270901	9.13E-06
Nans	23.2291149	1.44E-06	0.8619529	9.30E-06
Robo3	23.1863696	1.47E-06	-2.3357545	9.50E-06
Rsad2	23.1547482	1.49E-06	-1.8103846	9.65E-06
Ndufaf1	23.1161951	1.53E-06	0.9571846	9.84E-06
Chek1	23.0166326	1.61E-06	0.96974982	1.04E-05

Tspan4	22.9741927	1.64E-06	0.93639354	1.06E-05
Fbxo36	22.8804157	1.72E-06	1.27507835	1.11E-05
Arid5b	22.8546972	1.75E-06	-1.5631984	1.12E-05
Nol10	22.7768777	1.82E-06	1.05251206	1.17E-05
Lars	22.7466324	1.85E-06	0.86915082	1.19E-05
Tmed10	22.7012604	1.89E-06	0.80623714	1.22E-05
Kpna2	22.6883984	1.91E-06	1.05600268	1.22E-05
Srrm1	22.6776191	1.92E-06	0.79242156	1.23E-05
Fkbp3	22.6636165	1.93E-06	0.80263895	1.24E-05
Vapa	22.6616888	1.93E-06	0.80232068	1.24E-05
Txndc17	22.543844	2.05E-06	0.82601042	1.31E-05
Nop14	22.5320584	2.07E-06	0.85603453	1.32E-05
Il15	22.5250777	2.07E-06	-1.9079252	1.33E-05
Fam214a	22.4963833	2.11E-06	-0.9204894	1.35E-05
Mrpl9	22.4369437	2.17E-06	0.87054827	1.39E-05
Znhit2	22.3977833	2.22E-06	0.98446427	1.41E-05
Nup93	22.3581958	2.26E-06	0.98069767	1.44E-05
Ccdc34	22.2858341	2.35E-06	0.86091379	1.50E-05
Slc4a8	22.2541466	2.39E-06	-1.4755443	1.52E-05
Ppp5c	22.246304	2.40E-06	0.92687688	1.53E-05
Mrpl14	22.2188875	2.43E-06	0.824112	1.55E-05
Inpp4b	22.1397176	2.54E-06	-2.1704821	1.61E-05
Ube2i	22.0958678	2.59E-06	0.7866738	1.65E-05
Nptn	22.0774839	2.62E-06	0.94137693	1.66E-05
Tnik	22.0582923	2.64E-06	-0.9364065	1.68E-05
Mettl16	22.0335801	2.68E-06	0.89765199	1.70E-05
Trmt6	21.9672636	2.77E-06	0.8815729	1.76E-05
Mphosph6	21.9450923	2.81E-06	0.92296674	1.78E-05
Uxt	21.9331679	2.82E-06	0.90782766	1.79E-05
Fgd4	21.9228739	2.84E-06	-1.7345587	1.80E-05
Psm4	21.8957486	2.88E-06	0.80070917	1.82E-05
Dst	21.8546194	2.94E-06	-1.2692267	1.86E-05
Ufm1	21.7670085	3.08E-06	0.87650173	1.94E-05
Alkbh7	21.7452509	3.11E-06	0.92824844	1.96E-05
Ube2c	21.6659268	3.25E-06	0.99334487	2.05E-05
Suclg2	21.5795363	3.39E-06	0.85071904	2.14E-05
Abhd17a	21.5219996	3.50E-06	0.85535577	2.20E-05
Plk1	21.5023582	3.53E-06	1.01073308	2.22E-05
Cenpk	21.494566	3.55E-06	0.93069788	2.23E-05
Nol11	21.4944185	3.55E-06	0.87523576	2.23E-05
Sdad1	21.3858926	3.76E-06	0.87862367	2.36E-05
Cyb5r3	21.1528513	4.24E-06	0.90263873	2.66E-05
Psmc6	21.0491819	4.48E-06	0.82650052	2.81E-05

Rps6ka1	20.986009	4.63E-06	-1.0471351	2.90E-05
Traf4	20.9410307	4.74E-06	1.16522807	2.97E-05
Mcm3	20.929423	4.77E-06	0.8457577	2.98E-05
Sac3d1	20.7623958	5.20E-06	0.90591114	3.25E-05
Gtf2f2	20.6463203	5.52E-06	0.92145839	3.45E-05
Irak1bp1	20.6064462	5.64E-06	1.29509414	3.53E-05
Serpini1	20.5956864	5.67E-06	-1.4812209	3.54E-05
Fgfr1	20.5918303	5.68E-06	1.21959882	3.55E-05
Nelfe	20.5469342	5.82E-06	0.90740218	3.63E-05
Pycr2	20.4896123	6.00E-06	0.87994559	3.74E-05
Gdf3	20.4698544	6.06E-06	0.88492209	3.77E-05
Zfp608	20.4691411	6.06E-06	-1.2743242	3.77E-05
Ctxn1	20.4433932	6.14E-06	-1.4627423	3.82E-05
Zcchc17	20.4213747	6.21E-06	0.85221478	3.86E-05
Trnau1ap	20.2984118	6.63E-06	0.88261614	4.12E-05
Ckap4	20.2330917	6.86E-06	-1.3677312	4.26E-05
Ccne2	20.1896138	7.01E-06	1.11830328	4.35E-05
Krt18	20.1627969	7.11E-06	-1.0019775	4.41E-05
Cox20	20.1357324	7.21E-06	0.85600549	4.47E-05
Sumf2	20.1341697	7.22E-06	0.98193419	4.47E-05
Bend4	20.0395816	7.59E-06	-2.0280965	4.70E-05
Bdh1	19.9369637	8.00E-06	1.31080077	4.95E-05
Gm17586	19.8789122	8.25E-06	1.25971205	5.10E-05
Gpc4	19.8603745	8.33E-06	1.21417273	5.15E-05
Abce1	19.8356552	8.44E-06	0.85276958	5.21E-05
Cdkn2d	19.8166278	8.52E-06	-0.9366824	5.26E-05
Eme1	19.7761017	8.71E-06	1.08597783	5.37E-05
Lipt2	19.7702242	8.73E-06	1.06296564	5.38E-05
Lias	19.7472305	8.84E-06	0.90392166	5.45E-05
Sec61b	19.6198697	9.45E-06	0.77327745	5.81E-05
Eef1akmt4	19.6196318	9.45E-06	0.99450834	5.81E-05
Slc35g1	19.5935341	9.58E-06	1.23659919	5.89E-05
Btnl10	19.5280106	9.91E-06	2.49134732	6.09E-05
Pycard	19.515114	9.98E-06	0.83908434	6.13E-05
Eif3c	19.4676048	1.02E-05	0.78087608	6.28E-05
Pradc1	19.4514193	1.03E-05	0.94297147	6.33E-05
Coa7	19.3081532	1.11E-05	0.99459602	6.82E-05
Ncbp1	19.200449	1.18E-05	0.89340959	7.21E-05
Arl4c	19.1763087	1.19E-05	-1.8723828	7.30E-05
Kctd1	19.1695469	1.20E-05	-0.9600169	7.32E-05
Alg8	19.1642947	1.20E-05	1.03412401	7.33E-05
Chaf1b	19.0887823	1.25E-05	0.89543827	7.63E-05
Madd	19.0373273	1.28E-05	-0.9557205	7.83E-05

Rpl27	18.9784703	1.32E-05	0.77898826	8.07E-05
Gsto1	18.9618552	1.33E-05	0.81024625	8.14E-05
Soat1	18.9602267	1.33E-05	-1.6863093	8.14E-05
Stradb	18.9551006	1.34E-05	1.02906766	8.15E-05
Rangap1	18.9512634	1.34E-05	0.86399931	8.17E-05
Crim1	18.9360131	1.35E-05	-1.1043819	8.23E-05
Sumo2	18.9322384	1.35E-05	0.78017983	8.24E-05
Snx33	18.9026325	1.38E-05	-0.9917569	8.36E-05
Pfas	18.8869359	1.39E-05	0.95130918	8.43E-05
Las1l	18.8811147	1.39E-05	0.85410228	8.45E-05
Dgcr6	18.8391825	1.42E-05	0.8657608	8.63E-05
Calr	18.8189251	1.44E-05	0.78914588	8.71E-05
Churc1	18.7393888	1.50E-05	0.83364892	9.08E-05
Prpf31	18.7046476	1.53E-05	0.86239447	9.24E-05
3300005D01F	18.571532	1.64E-05	1.18109309	9.90E-05
Nfkbib	18.5595537	1.65E-05	0.94022523	9.96E-05
Zfp467	18.529984	1.67E-05	-2.1992701	0.0001011
Sephs2	18.4276872	1.76E-05	0.87245864	0.00010661
Eif2b5	18.3592598	1.83E-05	0.89291155	0.00011039
Nup35	18.3589959	1.83E-05	0.96778646	0.00011039
Cers6	18.2349689	1.95E-05	-1.3123075	0.00011769
Ppib	18.2348118	1.95E-05	0.77468221	0.00011769
Vkorc1l1	18.2211884	1.97E-05	0.88779818	0.00011846
Mars	18.2118676	1.98E-05	0.92833408	0.00011897
Fam96a	18.186114	2.00E-05	0.80739194	0.00012051
2310009B15F	18.1502756	2.04E-05	0.89094245	0.00012273
Acbd6	18.1230466	2.07E-05	0.81923428	0.00012442
Hsp90b1	18.0216932	2.18E-05	0.80311623	0.00013115
Fcgr2b	18.0105957	2.20E-05	-1.7442412	0.00013183
Rbpms2	18.0030155	2.21E-05	-2.3202245	0.00013228
Mllt3	17.981152	2.23E-05	0.90729863	0.00013373
Sptbn1	17.9386565	2.28E-05	-1.0214366	0.00013666
Slc2a9	17.8949149	2.33E-05	-1.3980122	0.00013976
Mrpl1	17.8711872	2.36E-05	0.89719228	0.0001414
Trmt112	17.8703795	2.36E-05	0.79093791	0.0001414
Pclaf	17.8411918	2.40E-05	0.92334086	0.0001435
Pcbd2	17.7690468	2.49E-05	0.84754574	0.00014896
Marcks	17.7222694	2.56E-05	-1.2372997	0.00015257
Sdhaf1	17.7066652	2.58E-05	0.88298969	0.00015374
Rrp12	17.6607921	2.64E-05	1.02413388	0.0001574
Eva1b	17.57808	2.76E-05	-1.3709246	0.0001643
Gsap	17.5733252	2.76E-05	-1.9831653	0.00016461
Josd2	17.5455548	2.81E-05	0.86327976	0.00016686

Smim3	17.5452556	2.81E-05	-1.0344189	0.00016686
Pcgf6	17.4994859	2.87E-05	0.94032239	0.00017082
Utp11	17.4781276	2.91E-05	0.81723697	0.00017265
Oxct1	17.4493743	2.95E-05	0.83831815	0.00017518
Gbp5	17.4360674	2.97E-05	-1.4643473	0.0001763
Vsig10l	17.4160495	3.00E-05	-1.5506014	0.00017806
Isy1	17.3611217	3.09E-05	0.86538736	0.00018317
Lsm8	17.3164873	3.16E-05	0.80977197	0.00018741
Glrx2	17.3034455	3.19E-05	0.8205341	0.00018859
Pde4b	17.2892292	3.21E-05	-1.0068717	0.0001899
Wdr77	17.2798202	3.23E-05	0.87006418	0.00019073
Ell2	17.1429283	3.47E-05	0.9870111	0.00020486
Ggact	17.1267102	3.50E-05	1.01407201	0.00020649
Sun2	17.1103734	3.53E-05	-1.0186144	0.00020815
Thumpd3	16.9951273	3.75E-05	0.87954211	0.00022104
Ube2j2	16.9380579	3.86E-05	0.85552358	0.00022765
Rpusd3	16.9020641	3.94E-05	1.14672001	0.00023187
Enkd1	16.8944559	3.95E-05	1.10509842	0.00023267
Ndst1	16.8861799	3.97E-05	-1.284911	0.00023355
Tmed2	16.8798646	3.98E-05	0.80417686	0.00023419
Nudt21	16.8685738	4.01E-05	0.80040241	0.00023545
Efcc1	16.8508086	4.04E-05	-2.4734381	0.00023752
Irf2bpl	16.7534422	4.26E-05	-1.4266094	0.00024988
Ncapg	16.733602	4.30E-05	0.96129799	0.00025236
Slc31a1	16.7244787	4.32E-05	1.05490542	0.00025342
Cdc123	16.7142646	4.35E-05	0.82901328	0.00025457
Tpgs2	16.7136804	4.35E-05	1.02481295	0.00025457
Smarca5	16.7084555	4.36E-05	0.78999566	0.00025512
Atp8b5	16.6941052	4.39E-05	-1.6276256	0.00025691
Prmt7	16.5642668	4.70E-05	0.875005	0.00027495
Smim4	16.5489958	4.74E-05	0.81580285	0.00027701
Hist1h4i	16.5012466	4.86E-05	0.88716947	0.00028391
Tet1	16.493436	4.88E-05	-0.9249679	0.00028491
Cdpf1	16.4919321	4.89E-05	0.89952794	0.00028497
Ampd3	16.4287871	5.05E-05	1.1510665	0.00029445
Donson	16.4085903	5.11E-05	1.12415663	0.00029743
Aars	16.4059206	5.11E-05	0.97495785	0.00029768
Pthr1	16.3932717	5.15E-05	1.11547048	0.0002995
Adh5	16.3878666	5.16E-05	0.80994086	0.00030018
Dtd2	16.3637783	5.23E-05	0.89654441	0.00030384
Zfp652	16.2209179	5.64E-05	0.90477617	0.00032744
Fanca	16.2197584	5.64E-05	1.09506887	0.00032745
Cngb1	16.2175393	5.65E-05	-1.0511869	0.00032764

Map4k4	16.1885273	5.73E-05	-0.9504454	0.00033251
2700038G22I	16.1335825	5.90E-05	0.97575866	0.00034209
Slc44a1	15.9924063	6.36E-05	1.25469421	0.00036836
Ift27	15.880433	6.75E-05	0.89752647	0.00039058
Mdfic	15.8402	6.89E-05	-1.6582552	0.00039874
Hmga1	15.8380219	6.90E-05	1.01174442	0.00039897
Idi1	15.8089051	7.01E-05	0.92257712	0.00040492
Tars	15.7598511	7.19E-05	0.89117458	0.00041532
Ndufs1	15.7586671	7.20E-05	0.86635554	0.00041534
Plpp1	15.6362136	7.68E-05	1.95173636	0.00044286
Ctu2	15.5444137	8.06E-05	0.94790585	0.00046462
Abcf1	15.5410758	8.07E-05	0.79597617	0.00046518
2010320M18	15.481711	8.33E-05	0.94866267	0.00047974
Bcl2	15.4651293	8.40E-05	-0.9429787	0.00048345
Acyp2	15.4649588	8.40E-05	1.06698923	0.00048345
mt-Cytb	15.4407148	8.51E-05	0.74675906	0.00048941
Ctsl	15.4272885	8.57E-05	0.92579314	0.00049262
Cars2	15.353696	8.91E-05	0.9071446	0.00051172
Gatsl2	15.3532199	8.92E-05	-1.0652825	0.00051172
Sh2d4a	15.2860395	9.24E-05	1.10332962	0.00052994
Nfs1	15.261187	9.36E-05	0.86208249	0.00053665
Gsta4	15.2554678	9.39E-05	1.30869217	0.00053797
Anapc11	15.2390257	9.47E-05	0.8173511	0.00054236
Ubtf	15.2298842	9.52E-05	0.81585162	0.00054468
Sco2	15.2248324	9.54E-05	0.89040647	0.00054571
Yif1a	15.2241416	9.55E-05	0.87972702	0.00054571
Pcbp1	15.2007982	9.67E-05	0.77295249	0.00055218
Mrm3	15.165736	9.85E-05	0.93828962	0.00056221
Cd2ap	15.1540018	9.91E-05	1.02830975	0.00056539
Baz1a	15.1088404	0.00010149	0.81996099	0.00057875
Psma1	15.0914428	0.00010243	0.78991634	0.00058377
Cops4	15.0722499	0.00010347	0.83814821	0.0005894
Pcyt1a	15.0623403	0.00010402	0.92248375	0.00059217
Dhx29	14.9617016	0.00010972	0.94319547	0.00062425
Gm12454	14.9556068	0.00011007	-0.8532146	0.00062591
Selenbp1	14.9479491	0.00011052	0.83452469	0.0006281
Gm17092	14.945929	0.00011064	1.20470902	0.00062841
Frat1	14.882782	0.0001144	0.90944818	0.00064943
Dusp6	14.8544135	0.00011614	-1.0649567	0.0006589
Lamtor2	14.8441244	0.00011677	0.78110954	0.00066212
Tespa1	14.8247614	0.00011798	-1.3663246	0.00066858
Tfg	14.7943435	0.00011989	0.85442648	0.00067906
Gbp2	14.788859	0.00012024	-1.1517433	0.00068065

Cyp2j6	14.7477273	0.0001229	-2.5105032	0.00069527
Mrpl10	14.7442292	0.00012312	0.89545198	0.00069617
Phldb1	14.6228985	0.00013131	-1.0414728	0.00074203
Rpn1	14.6117139	0.00013209	0.82502916	0.00074602
Cdca5	14.6009601	0.00013285	0.95806382	0.00074987
Dld	14.5872645	0.00013382	0.85180437	0.00075491
Mad2l1	14.5610279	0.00013569	0.88775294	0.00076506
Dna2	14.5387221	0.00013731	0.96497443	0.00077374
Hmgcl	14.5016959	0.00014003	0.86061404	0.00078865
Echdc1	14.3974088	0.00014801	0.94992535	0.00083308
Slc22a23	14.313583	0.00015474	1.15188107	0.00087051
Trim30b	14.2941467	0.00015635	-1.8210658	0.00087905
Fam96b	14.2884192	0.00015683	0.83472824	0.00088123
Gm20186	14.2845953	0.00015715	-1.0124226	0.00088253
Hnrnp11	14.2762626	0.00015784	0.87975108	0.00088595
Vcl	14.2732927	0.00015809	0.96277401	0.00088685
Brip1	14.2451789	0.00016047	1.07095699	0.00089969
Gm17473	14.1994068	0.00016442	-1.2519139	0.00092132
Rbfa	14.1792633	0.00016619	0.81938242	0.00093071
Pdlim1	14.1608679	0.00016782	0.80838099	0.00093933
Stub1	14.1370555	0.00016996	0.8094808	0.00095076
Tnip3	14.1173111	0.00017176	-2.018603	0.00096025
Tbrg4	14.1017625	0.00017318	0.93911864	0.00096768
Egln1	14.0907119	0.0001742	0.9508356	0.00097284
Trnt1	14.0701993	0.00017611	0.83782928	0.00098296
Fastkd2	14.0088596	0.00018195	0.92666683	0.00101498
Jund	13.962837	0.00018646	-0.8151129	0.00103955
Gmppb	13.959597	0.00018678	0.99878306	0.00104076
L3mbtl3	13.9538488	0.00018735	-0.8433899	0.00104336
Cops5	13.9429106	0.00018845	0.81271085	0.00104887
Ost4	13.9191585	0.00019084	0.77944154	0.00106161
Polr3k	13.8703694	0.00019586	0.81708046	0.00108892
Cenpp	13.8465649	0.00019836	0.91433568	0.00110219
Mar-05	13.8124821	0.00020199	0.8188249	0.00112174
Larp1	13.7779348	0.00020574	0.80928774	0.00114192
Fam26f	13.7299953	0.00021106	1.12274087	0.00117079
Elp5	13.7247868	0.00021164	0.8680589	0.00117339
Bnip1	13.7176546	0.00021245	0.91313348	0.0011772
Hacd2	13.6922996	0.00021534	0.92624982	0.00119197
Gnl1	13.6921494	0.00021535	0.90805915	0.00119197
Pum3	13.6852598	0.00021614	0.82716687	0.00119569
Lbh	13.6632239	0.0002187	-1.1707838	0.00120913
Orc1	13.6476041	0.00022052	1.09447298	0.00121855

Dnajc24	13.6429029	0.00022108	0.89795187	0.00122093
Armc1	13.6404951	0.00022136	0.84641179	0.00122182
Tcea1	13.6183959	0.00022398	0.8118413	0.00123561
Sapcd2	13.6140849	0.00022449	1.03467972	0.00123776
Dynll2	13.5971136	0.00022653	0.84672716	0.00124831
Otud6b	13.5283965	0.00023498	0.91396362	0.00129415
Samd12	13.4652835	0.00024302	-1.6844632	0.00133767
Gm17745	13.4117847	0.00025005	-1.1543161	0.00137561
Calcoco1	13.3672286	0.00025606	-1.1254989	0.0014079
Eya2	13.3306606	0.0002611	-1.4636657	0.00143484
Lpgat1	13.2941092	0.00026624	-1.2120229	0.00146227
Pim1	13.2868603	0.00026727	-0.8785381	0.00146713
Cd244	13.2653469	0.00027036	-1.6734324	0.00148325
St13	13.2119676	0.00027817	0.78079606	0.00152526
Exosc2	13.1881027	0.00028173	0.8772745	0.00154395
Guca1a	13.1536846	0.00028695	-1.3958297	0.00157171
Pold3	13.1439745	0.00028845	0.86627638	0.00157901
Hspbp1	13.1310041	0.00029045	0.86219398	0.00158911
Pus7	13.1072415	0.00029416	0.86963868	0.00160851
Rps23	13.1061125	0.00029433	0.74758981	0.00160859
Lpar6	13.0219751	0.00030786	-1.1295953	0.00168158
Camk2a	13.01051	0.00030975	-2.3225637	0.00169098
Dhrs13	12.9763204	0.00031546	1.04680392	0.0017212
Trem1	12.9520691	0.00031957	-1.3498197	0.00174269
Thap3	12.9364258	0.00032225	-0.9363485	0.00175635
Mrpl39	12.8700316	0.00033389	0.87136047	0.00181878
Suv39h2	12.8386415	0.00033953	0.98568076	0.00184853
Igsf8	12.7498364	0.00035604	0.94136719	0.00193734
Rufy3	12.7400414	0.00035791	-0.8354351	0.00194645
Nfatc1	12.7234112	0.00036111	-0.841975	0.00196277
Cxxc5	12.7112827	0.00036346	-0.9162194	0.00197446
Dnlz	12.64947	0.00037567	0.8421165	0.00203971
Sep-06	12.6253459	0.00038055	-0.863554	0.00206508
Eif3l	12.5937944	0.00038703	0.79771835	0.00209909
Crlf2	12.5617751	0.00039372	-0.857955	0.00213421
Hoxa7	12.5528447	0.0003956	-0.9352095	0.00214326
Rida	12.5360884	0.00039917	0.86785703	0.00216115
Utrn	12.5352873	0.00039934	-0.9125446	0.00216115
Rps12-ps3	12.5068409	0.00040546	0.85747811	0.00219312
Fbxo32	12.2919026	0.00045493	-1.117382	0.00245932
Gata3	12.2827943	0.00045715	-1.3836242	0.00247002
Tmem71	12.237389	0.00046841	-1.2584336	0.00252948
Dock11	12.1675332	0.00048629	-0.9163317	0.00262457

Cdc45	12.1135183	0.00050058	0.93681569	0.00270024
Coprs	12.095065	0.00050555	1.22800499	0.00272562
1500009L16R	12.087525	0.0005076	-1.7869516	0.00273519
Hirip3	12.0770822	0.00051045	0.84138258	0.00274907
Nadk	12.0742403	0.00051123	0.88155717	0.00275177
Rbp1	12.0719642	0.00051186	-1.1901581	0.00275365
Ppa2	12.0127442	0.00052838	0.81837972	0.002841
Gm11273	12.0112861	0.00052879	1.09039399	0.0028417
Slc7a8	11.984385	0.00053648	-1.3964393	0.00288146
Wdsub1	11.8318087	0.00058227	0.98290529	0.00312573
Calhm2	11.8271765	0.00058372	-1.1400722	0.00313183
Cks2	11.8217323	0.00058543	0.79365627	0.00313931
Mcm4	11.8103068	0.00058904	0.83654905	0.00315694
Clta	11.7656273	0.00060335	0.75953296	0.00323188
Pdcd2	11.7582616	0.00060574	0.82636535	0.00324263
Esd	11.757449	0.000606	0.76517398	0.00324263
Coq2	11.7502588	0.00060835	0.84078675	0.00325344
Apip	11.7443859	0.00061027	0.82676281	0.00326197
Kctd17	11.7197474	0.0006184	-1.9979054	0.00330367
Smim24	11.6943977	0.00062689	-0.9370306	0.00334719
Hs6st1	11.6847079	0.00063016	0.94074122	0.00336287
Maip1	11.6737867	0.00063387	0.85996911	0.00338058
Dnajb11	11.672943	0.00063416	0.8481851	0.00338058
Desi1	11.6715224	0.00063464	0.87611063	0.00338136
Bad	11.663497	0.00063738	0.85592587	0.00339416
Bcap29	11.6171829	0.00065345	0.81407887	0.00347788
Selenof	11.5631198	0.00067273	0.76258943	0.00357856
Nsfl1c	11.4819573	0.00070275	0.83389882	0.00373627
Tnrc18	11.4719559	0.00070654	-0.9139007	0.00375443
Tmem216	11.4703084	0.00070717	0.92978196	0.00375576
1810055G02I	11.4481933	0.00071564	1.15329724	0.0037987
Vars	11.4298194	0.00072275	0.81937767	0.0038344
Thap7	11.4131593	0.00072926	0.87003145	0.00386689
Mettl5	11.3947506	0.00073652	0.84936742	0.00390332
Nop9	11.3409482	0.00075817	0.86130049	0.0040159
Adat2	11.3320399	0.00076181	0.94920125	0.00403307
Yae1d1	11.3093107	0.00077119	0.83693226	0.00408058
Cenpn	11.2842059	0.00078169	0.94210246	0.00413256
Slc39a8	11.28384	0.00078185	1.0218394	0.00413256
U2surp	11.2749581	0.0007856	0.77615368	0.00415018
Rps6ka4	11.1941979	0.00082053	1.01446416	0.00433246
Recql4	11.1750132	0.00082906	1.1215731	0.00437517
Abca1	11.1708367	0.00083093	-1.1953598	0.00438271

Pes1	11.1639676	0.00083401	0.81734428	0.00439665
Olfra417	11.1187757	0.00085458	-1.0367442	0.00450269
Sys1	11.1157071	0.000856	0.80122379	0.00450777
Nabp2	11.077638	0.00087375	0.82287402	0.00459784
Arhgef18	11.0770578	0.00087402	-0.9274427	0.00459784
Slc25a10	11.0723127	0.00087626	0.98464059	0.00460501
Ggta1	11.0722152	0.00087631	-1.0561661	0.00460501
Spns3	11.0702788	0.00087722	-0.877007	0.00460739
Fgd2	11.0315503	0.00089574	-1.2830925	0.00470217
Zfp30	11.0295335	0.00089672	-1.1326738	0.00470482
Alg5	10.9830901	0.00091947	0.83936083	0.00482166
Gtf2h1	10.9807619	0.00092063	0.86605414	0.00482518
Emcn	10.9399127	0.00094115	-1.9893924	0.00493014
Pusl1	10.9218504	0.00095037	0.98680955	0.00497583
Chac2	10.9001526	0.00096156	0.95122751	0.00503181
Nol7	10.8895048	0.00096711	0.76480848	0.00505817
Acy1	10.874755	0.00097484	1.00938426	0.00509594
Mipep	10.867988	0.00097841	0.93114003	0.00511191
Nuf2	10.8135636	0.00100759	0.92230614	0.00526163
Ltb4r1	10.7840699	0.00102377	-1.186969	0.00534334
Pgam5	10.781053	0.00102544	0.8930313	0.00534925
Coq6	10.7788431	0.00102667	0.9293631	0.00535284
Arhgap19	10.773046	0.00102989	0.95322862	0.00536683
Epdr1	10.7718228	0.00103057	0.83514733	0.00536757
Hdgfl3	10.75465	0.00104018	-1.1990166	0.00541478
Clec4d	10.7406955	0.00104805	-0.8241035	0.00545292
Clnk	10.7294694	0.00105443	-1.8833106	0.00548324
Upp1	10.7277994	0.00105538	-1.6208814	0.00548533
Rab17	10.7250369	0.00105696	-1.3144134	0.00549066
Cited2	10.7213072	0.00105909	-0.8288896	0.00549888
Tysnd1	10.7194915	0.00106013	0.8832682	0.00550141
Snrpb2	10.718448	0.00106073	0.8041732	0.00550165
Spcs2	10.7099424	0.00106561	0.7668306	0.00552413
Ahcy	10.7078761	0.0010668	0.9414586	0.00552743
Atpaf2	10.6499392	0.00110075	0.91741349	0.00570033
Cacnb2	10.6187512	0.00111947	-1.765922	0.00579427
Fmo5	10.5553032	0.00115855	-0.997334	0.00599346
Dnaja4	10.5488528	0.0011626	1.27373266	0.0060113
Trim10	10.4530947	0.00122444	1.90758208	0.00632776
Trappc1	10.4300654	0.0012398	0.83147148	0.00640383
Prkrip1	10.4120296	0.00125197	0.86934624	0.00646333
Creld2	10.3940409	0.00126423	0.91190671	0.00652323
Cox10	10.3929628	0.00126496	0.90019513	0.00652366

Cdc20	10.3639916	0.00128497	0.86110218	0.00662341
Impdh2	10.3403529	0.00130153	0.75656007	0.00670531
Krtcap3	10.3316703	0.00130767	1.16610391	0.00673344
Gemin5	10.3172118	0.00131795	0.87127492	0.0067829
Bin2	10.315638	0.00131908	-0.8587668	0.00678518
Nme4	10.273173	0.00134978	0.79669523	0.00693956
Syk	10.2554954	0.00136278	-0.8842824	0.00700277
Hmga2	10.2424915	0.00137242	-1.4263381	0.00704867
Pop7	10.1669678	0.00142979	0.8143693	0.00733851
Psm8	10.1662816	0.00143032	0.76898069	0.00733851
Mpp6	10.1030707	0.00148022	0.79607156	0.00759062
Gale	10.0929966	0.00148834	1.03038498	0.00762831
Mtap	10.0904322	0.00149041	0.83977725	0.00763501
Dnajc9	10.0594762	0.00151566	0.78968182	0.00776038
Satb1	10.0227118	0.00154622	-1.2198201	0.00791276
Kif15	10.0109251	0.00155614	0.86636198	0.00795947
Spryd4	9.95391872	0.00160507	0.89306876	0.00820554
Bcas2	9.94273155	0.00161486	0.76889014	0.00825133
Gfm1	9.9413644	0.00161606	0.88906478	0.00825323
Morn2	9.9244231	0.001631	0.92025884	0.00832528
Rnf122	9.91800538	0.0016367	-1.1577597	0.00835008
Wls	9.90952006	0.00164426	-0.940824	0.00838438
Larp4	9.88713183	0.00166439	0.8034811	0.00848267
Melk	9.83898986	0.00170851	0.96962745	0.00870312
Prpsap1	9.82420444	0.0017223	0.82464757	0.00876607
Arhgef6	9.82385501	0.00172263	-1.0417151	0.00876607
Gm28187	9.81945745	0.00172675	-1.2136095	0.00878258
Hsbp1	9.81798614	0.00172813	0.77905007	0.00878512
Figl1	9.81163194	0.00173412	0.86673458	0.00881104
Pelp1	9.80637179	0.00173908	0.8501575	0.00882812
Arhgap27	9.80619833	0.00173925	-1.2232476	0.00882812
Fam72a	9.79434512	0.00175049	1.1374385	0.00887856
Eif3k	9.79384941	0.00175097	0.7383809	0.00887856
Nr2c2ap	9.73003275	0.00181281	0.82943756	0.0091875
Nkrf	9.70577708	0.0018369	0.99180308	0.00930483
Hagh	9.68332354	0.00185948	0.85077436	0.00941444
Cd79b	9.67513168	0.00186779	-1.0504549	0.00945171
Mzt2	9.64754037	0.00189605	0.83502906	0.00958987
Ptpa	9.64583661	0.00189781	0.80728368	0.00959391
Khdrbs3	9.64409177	0.00189962	0.97745005	0.00959816
Ywhae	9.64176478	0.00190202	0.75303699	0.00960546
Hnrnpa3	9.58412461	0.00196267	0.76302096	0.00990672
Psmb10	9.57230736	0.00197534	0.79240158	0.00996564

Naip5	9.56594708	0.0019822	-1.0516127	0.00999517
Rrp7a	9.55358111	0.0019956	0.82310319	0.01005765
Ptcd2	9.4813819	0.00207568	0.82626813	0.01045595
Dnttip2	9.3936306	0.00217741	0.79241929	0.01096287
Usp39	9.38395659	0.00218893	0.83588147	0.01101531
Noct	9.33369153	0.00224979	0.95727449	0.01131587
Emc2	9.31588372	0.00227176	0.81208268	0.01141675
Arid3b	9.31558154	0.00227213	-1.1012129	0.01141675
Gm15417	9.30297498	0.00228782	1.07739997	0.01148979
Elof1	9.30181527	0.00228927	0.79187389	0.01149128
Gm47283	9.29548073	0.0022972	0.86856018	0.01152528
Sox6	9.28363187	0.00231211	-1.037173	0.01159424
Bsn	9.280961	0.00231548	0.90720496	0.01160532
Sgo1	9.27290573	0.00232568	0.87654139	0.0116496
Diablo	9.27214507	0.00232665	0.81774645	0.0116496
Dcaf13	9.25136851	0.0023532	0.82857081	0.0117766
Slco4a1	9.24705425	0.00235875	-1.5199504	0.01179846
Napa	9.15153592	0.00248509	0.81292377	0.01242422
Tmem33	9.10431186	0.00255008	0.8271921	0.01274272
Ebi3	9.09370478	0.00256491	-1.6316701	0.01281041
Pdhx	9.05764131	0.00261599	0.91158505	0.01305901
Etfb	9.00622145	0.00269062	0.75609785	0.01342484
Htati2	8.98726247	0.00271868	0.86644326	0.01355806
Scarf1	8.96631563	0.00275003	-1.5744237	0.01370753
Dab2ip	8.94593215	0.00278088	-0.9310759	0.0138544
Lonp1	8.90116308	0.00284989	0.85858694	0.01419112
Ppm1l	8.81354779	0.00299002	0.93546112	0.01487453
Cc2d2a	8.81308675	0.00299078	-1.3324027	0.01487453
Eps8l1	8.81257849	0.00299161	-1.1424318	0.01487453
Gm37233	8.78146464	0.00304307	-1.1513729	0.01512285
Ltv1	8.76110377	0.00307723	0.82117914	0.01528499
Ripor2	8.7577619	0.00308287	-0.8397313	0.01530541
Cdk2ap2	8.74136728	0.00311071	0.80081876	0.01543594
Gpr146	8.73517212	0.0031213	-1.0533979	0.01548077
Pmpca	8.72225242	0.00314349	0.84700386	0.01558311
Erc6l	8.68566883	0.00320722	0.93300922	0.01589111
Hira	8.6663754	0.00324135	0.87482232	0.01605226
Rbm3	8.65713533	0.00325783	0.74743651	0.01612586
Snx2	8.62477646	0.00331621	0.83456722	0.01640669
Aaas	8.62297586	0.00331949	0.8867835	0.01641478
Gm10093	8.60170853	0.00335848	0.96500396	0.01659934
Slc12a4	8.59158673	0.0033772	1.16627813	0.01668358
Cd52	8.58386962	0.00339154	-1.0640342	0.01674614

D030056L22F	8.55260351	0.00345028	0.84244842	0.01702778
Itpa	8.53856718	0.00347699	0.81652999	0.0171511
Spc25	8.53383993	0.00348603	0.8740142	0.0171872
Gnaq	8.52610636	0.00350088	-0.8709769	0.01725186
Wdcp	8.52117578	0.00351038	0.88953051	0.01729012
Snrnp25	8.51993901	0.00351276	0.81772782	0.01729333
Atg16l2	8.48917613	0.00357266	-0.9429388	0.01757951
Tspan13	8.47628188	0.00359807	0.78385564	0.01769582
Dimt1	8.4499168	0.0036506	0.86010907	0.01794534
Wdr12	8.4489903	0.00365246	0.76362065	0.01794564
Plxdc2	8.43784831	0.00367491	-1.5129982	0.01804704
Tbcb	8.41554092	0.00372027	0.80441749	0.01826082
Slc25a38	8.36485678	0.00382547	0.80279174	0.01876794
Slbp	8.35515071	0.00384596	0.78397413	0.01885917
Nufip1	8.3324306	0.00389435	0.84126964	0.01908711
Pcp4l1	8.27905133	0.00401051	-1.4366702	0.01964676
Gm6563	8.27495461	0.00401957	0.89765381	0.01968147
Itgb3	8.2387144	0.00410062	-1.8346267	0.02006847
Ddx49	8.20958728	0.00416696	0.8189486	0.02038317
Dnaja1	8.19864419	0.00419217	0.75467054	0.02049643
Phlda3	8.19222329	0.00420703	0.96205977	0.02055902
Ppp1r18	8.18708894	0.00421896	-1.1119425	0.02060719
Fads3	8.12707115	0.00436091	1.45035815	0.02129014
Dek	8.11687612	0.00438551	0.75906898	0.02139973
Gpaa1	8.10378801	0.00441728	0.85976229	0.02154027
Casp12	8.10323717	0.00441863	-1.7320015	0.02154027
L2hgdh	8.06908283	0.00450269	0.8810434	0.02193934
Cdkn1b	8.0358627	0.00458602	-0.8312999	0.02233444
Mex3d	7.97163852	0.00475159	0.94699427	0.02312951
H2-T23	7.89497734	0.00495723	-0.7728651	0.02411872
Map3k14	7.88494636	0.0049848	-1.2157926	0.02424103
Galnt12	7.85839946	0.00505852	-1.6716693	0.02458754
Gadd45b	7.8534658	0.00507234	-1.1617315	0.02464272
Retreg1	7.84445311	0.00509769	-0.9181367	0.02475382
Nat2	7.75147497	0.00536687	0.86870758	0.02604825
Hoxa10	7.74249472	0.00539362	-1.0782071	0.02616537
Usp46	7.72218183	0.00545464	0.86271363	0.02644852
Tmem183a	7.71647494	0.00547191	0.84273489	0.02651937
Clpb	7.69612505	0.00553395	0.87427628	0.026807
Selp	7.68886908	0.00555624	-1.6336316	0.02690193
Utp15	7.6454289	0.00569164	0.84231337	0.02754409
Gorasp2	7.60425117	0.00582308	0.83196469	0.02816656
Xpo4	7.58279125	0.00589281	0.84423015	0.02849002

9930111J21R	7.57139151	0.0059302	-1.0270535	0.02865688
Gm26737	7.55742102	0.00597635	1.16658	0.02886589
Haus4	7.54564889	0.00601552	0.80491766	0.02904102
Rfc3	7.53646196	0.00604627	0.82322675	0.02917535
Spout1	7.51784566	0.00610907	0.83727949	0.02946415
Fam98a	7.49545832	0.00618548	0.84688524	0.02981825
Tbc1d10c	7.44207858	0.00637163	-0.9049813	0.03070077
Cdc25a	7.38642064	0.00657181	0.82551301	0.03165006
Slc43a1	7.33954387	0.0067454	0.87457165	0.03247035
Nae1	7.32373139	0.006805	0.81841366	0.03274146
Med7	7.31861735	0.00682439	0.79752339	0.03281893
Spdl1	7.2896427	0.00693533	0.89192862	0.03333636
Gm43568	7.28079082	0.00696958	-0.9795736	0.03348489
Ap1s2	7.27812169	0.00697995	-0.8328747	0.03351854
mt-Nd2	7.27667713	0.00698556	0.74546581	0.03352936
Ssbp3	7.26754311	0.00702118	0.78822372	0.03368409
Itpkb	7.24665866	0.00710331	-0.8108138	0.03406172
Magi2	7.21072215	0.00724693	-1.0329192	0.03473374
Btaf1	7.20211646	0.00728177	0.83157936	0.03488392
Gpr65	7.19972263	0.00729148	-1.738625	0.03491372
Fam216a	7.19633513	0.00730526	0.81819124	0.0349629
Tsta3	7.19537802	0.00730916	0.81480653	0.03496477
Copz1	7.17852172	0.00737815	0.79982348	0.03527787
Cebpzos	7.1525357	0.00748581	0.81295509	0.03577549
Hikeshi	7.10427961	0.00769001	0.78916009	0.0367338
Iars2	7.10026745	0.00770725	0.82588884	0.0367985
Cerk	7.07876215	0.00780029	-0.9229667	0.03722491
Hmgn5	7.07476996	0.00781769	0.76441738	0.0372901
Socs1	7.06489217	0.0078609	-1.4756731	0.03747288
Kif22	7.0642962	0.00786352	0.8561494	0.03747288
Mylip	7.01279635	0.00809292	-0.9270601	0.03853143
Bard1	7.01269493	0.00809338	0.92382025	0.03853143
Mitd1	6.97816965	0.008251	0.83557357	0.03926309
Tex264	6.9762037	0.00826006	0.85626152	0.0392875
Tex261	6.97115551	0.0082834	0.78413433	0.03937971
Tns3	6.96455811	0.008314	-0.9228384	0.03950634
Mrps30	6.96278728	0.00832223	0.79577726	0.03952662
Clca3a1	6.93256386	0.00846403	0.9848832	0.04018096
Klhdc4	6.85766412	0.00882619	0.86197442	0.04188029
Crispld1	6.80936169	0.00906812	-2.1513215	0.0430078
Mmrn1	6.79665218	0.0091329	-1.6328127	0.04329444
Maged1	6.79273385	0.00915296	-1.208523	0.04336896
Stt3b	6.74956961	0.00937703	0.81047692	0.04440954

Rpl27-ps3	6.74763622	0.0093872	0.83230763	0.04443659
Zfp945	6.72908134	0.00948534	-0.8743331	0.0448799
1300002E11F	6.66651381	0.00982412	0.80979463	0.04646076
Hax1	6.64196743	0.00996039	0.8192237	0.04708289
Kif17	6.6034096	0.01017837	-1.0247757	0.0480905
Homer2	6.59103873	0.01024934	1.17593451	0.04840287
Ppp4c	6.51602889	0.01069065	0.78505561	0.05046308
Cfap126	6.50849878	0.01073601	0.96526562	0.05065325
Trmt11	6.50625687	0.01074956	0.8425955	0.05069317
Parp3	6.4852492	0.01087733	-1.1478221	0.05127149
Pdia5	6.40840424	0.01135814	1.01035108	0.05350677
Mrpl44	6.40775855	0.01136228	0.8074835	0.05350677
Mcat	6.36239553	0.01165641	0.83298839	0.05486597
2300009A05F	6.35969393	0.01167417	0.81446578	0.05492366
Esam	6.3390523	0.0118108	-1.513943	0.05554026
Reep4	6.2879476	0.01215617	0.84479675	0.05713745
Aldh7a1	6.28050638	0.01220732	0.89263554	0.05735084
Rita1	6.27620459	0.01223699	0.88331819	0.05746316
Pnck	6.25774162	0.01236517	-1.2598838	0.05803776
Kn1	6.25297002	0.01239852	0.80312025	0.05816693
Jmjd6	6.211944	0.01268912	0.82751334	0.05950225
C1galt1	6.21085988	0.01269689	0.81835408	0.05951072
Xrcc5	6.19841494	0.01278648	0.82691768	0.05990245
Flvcr1	6.19135685	0.01283757	0.94703508	0.06011359
Tmem140	6.15734656	0.01308674	-0.9733754	0.06125158
Fbxl13	6.14991396	0.01314185	-1.0417523	0.06148068
Ccnd1	6.12407514	0.0133353	0.98029749	0.06235645
I830077J02Ri	6.09462869	0.01355934	-1.321612	0.06337435
Wdr92	6.05896108	0.01383591	0.80984842	0.06463669
Tnfsf14	6.05367151	0.01387741	-1.7341578	0.06480024
Ctsz	6.04632434	0.01393528	0.7877279	0.06503998
Tlk1	6.04390306	0.0139544	0.7830046	0.06509878
Tusc2	6.03903437	0.01399294	0.83561564	0.06524803
Reps2	6.03417742	0.01403149	0.92302391	0.06539722
Prps1	6.02138342	0.01413356	0.79824844	0.06584221
Ncoa3	5.97858175	0.01448064	-0.943788	0.0674276
Inpp4a	5.97067929	0.01454568	-0.8376665	0.06769882
Tcf3	5.95957351	0.01463758	0.77843577	0.06809479
Sorbs3	5.95673271	0.01466119	-1.3252115	0.06817281
Dnajc11	5.94906824	0.01472507	0.81185918	0.06843794
Sgsm3	5.94199561	0.01478427	0.98954306	0.06868109
Cndp2	5.88384182	0.01528044	0.83440173	0.07095305
Ptk2	5.87805489	0.01533075	1.13511098	0.07115351

App	5.86973665	0.01540336	-1.079529	0.07145724
Sipa1l1	5.86012364	0.01548771	-0.8041853	0.07181515
Clptm1l	5.82418552	0.01580729	0.8041756	0.07326295
Dus2	5.82050058	0.01584044	0.93086366	0.07338249
Golt1b	5.75946861	0.01640003	0.83292698	0.07593961
Gp9	5.75704678	0.01642265	-0.9118346	0.07600665
Gpr89	5.75628745	0.01642975	0.84418932	0.07600665
Ppil3	5.74529615	0.01653287	0.78490281	0.07644823
Mex3b	5.73507201	0.01662939	-0.9737592	0.0768589
Ispd	5.72551585	0.01672012	1.0693852	0.07723583
Gm16140	5.72485395	0.01672643	-1.5990174	0.07723583
Pla2g15	5.72237621	0.01675005	-1.0726075	0.0773091
Tacc3	5.7013867	0.01695151	0.82503401	0.07820278
Nipa1	5.69961835	0.0169686	0.86553563	0.07824542
Daam1	5.68985567	0.01706326	0.81028756	0.07864553
Fancd2	5.65118544	0.01744358	0.96653503	0.08036131
Txndc16	5.6270425	0.01768545	-0.9355659	0.08143797
Tcn2	5.61712991	0.01778575	-0.975706	0.08178779
Hgh1	5.61711246	0.01778593	0.85140567	0.08178779
Ndufs4	5.61710402	0.01778601	0.75748641	0.08178779
B3gnt8	5.60327766	0.01792691	-0.916537	0.08239769
Mtss1l	5.58131404	0.0181531	-1.7531381	0.08339889
Trim14	5.57984513	0.01816833	-0.9356064	0.08343044
Hmmr	5.55817327	0.0183946	0.83520119	0.08443061
Itih5	5.54952697	0.01848568	-1.014447	0.08480966
Tsen2	5.52943914	0.0186991	0.86021388	0.08574934
Lage3	5.52848595	0.01870929	0.76555447	0.08575664
Aarsd1	5.4672088	0.01937655	0.92862332	0.08877432
Cyb5a	5.46436248	0.01940813	0.75475093	0.0888782
Pkmyt1	5.45193704	0.01954664	0.89095644	0.08947141
Plp2	5.44099578	0.01966945	0.84892167	0.08999226
Serf2	5.42145109	0.01989082	0.73345014	0.09096335
Cyp4v3	5.3980474	0.02015929	-1.0673194	0.09214885
Hnrnpc	5.3936764	0.02020985	0.7383291	0.09233762
Hnrnpa1	5.38290927	0.02033494	0.73340193	0.09286662
Sars	5.37958109	0.02037377	0.77276566	0.09300136
Polr1b	5.37395485	0.02043958	0.85115096	0.09325911
Tgfbr2	5.35334883	0.02068251	-0.8780821	0.09432435
Slco3a1	5.35251832	0.02069236	-0.8893964	0.09432616
Mrps23	5.34181077	0.02081984	0.78319914	0.09486388
Nup54	5.33338489	0.02092072	0.79815885	0.09528001
L3mbtl2	5.31976702	0.02108483	0.83798463	0.09598361
Ilkap	5.31588025	0.02113192	0.77074025	0.09615407

Utp20	5.31227435	0.02117569	0.82923013	0.09630934
Antxr2	5.30189492	0.02130224	-1.0515686	0.09684071
Mrm2	5.29376913	0.02140185	0.87606989	0.09724923
Leo1	5.28265157	0.02153892	0.80770889	0.09782751
Tecr	5.26790362	0.02172216	0.74898978	0.09861484
Creg1	5.26465639	0.02176272	0.73363872	0.09874958
Tmem158	5.26394307	0.02177164	1.05639443	0.09874958
Cryl1	5.26307136	0.02178255	0.853144	0.09875414
Maoa	5.25130647	0.0219303	0.95385199	0.09937883
Espn	5.24389513	0.02202391	0.99995075	0.09975771
Ncf4	5.24277332	0.02203812	-1.1005503	0.09976271
Tfam	5.24222848	0.02204502	0.77876114	0.09976271

Table S6

cluster	day 3	day 10	day 17
0	154	59	123
1	0	1	51
2	0	0	44
3	0	1	50
4	14	9	52
5	2	3	32
6	0	0	41
7	3	27	68
8	15	11	96
9	0	9	30
10	0	0	32
11	0	2	23
12	0	0	19
13	0	0	15
14	0	0	8
15	0	0	21
16	0	3	24
17	0	0	3
18	0	0	5

Table S7

Name
genotyping_F
genotyping_R
genotyping_F'
ssDNA

Name
genotyping_F
genotyping_R
genotyping_F'

ssDNA

Hoxb5 *CreERT2*

CGCATGAAGTGGAAGAAAGACAAC

CAACCACAGACACGAGGACATTC

TGTAGAGGGCATGGTGGAGATC

GGGAGGATGGGAGGGTCCAGCTGGGGTTGGTCCGGGCTCTCGGGCCGCCCCAGGG
CTCCTCCGGATGGGCTCAAGCTGTGGCAGGGAAACCCTCTGCCTCCCCCGTGATGTA
ATACTTTTGAAGGAATGCGATGAAGTAGAGCCCGCAGTGGCCAAGTGGCTTTGGTC
CGTCTCCTCCACGGATGCCCTCCACGGCTAGTGGGCGCATGTAGGCGGTGGGCGT
CCGCCGCCTCCAGCAGCAGGTCATAGAGGGGGCACCACGTTCTTGCACTTCATGCTGT
ACAGATGCTCCATGCCTTTGTTACTCATGTGCCTGATGTGGGAGAGGATGAGGAGGA
GCTGGGCCAGCCGCTGGTGTGCTGCTGCAGGGTCAGGCCTGCCTTGGCCATCAGG
TGGATCAAAGTGTCTGTGATCTTGTCCAGGACTCGGTGGATATGGTCCTTCTCTTCCA
GAGACTTCAGGGTGTGGACAGAAATGTGTACACTCCAGAATTAAGCAAATAATAGA
TTTGAGGCACACAACTCCTCTCCCTGCAGATTCATCATGCGGAACCGAGATGATGTA
GCCAGCAGCATGTGAAGATCTCCACCATGCCCTCTACACATTTTCCCTGGTTCCTGT
CCAAGAGCAAGTTAGGAGCAAACAGTAGCTTCACTGGGTGCTCCATGGAGCGCCAGA
CGAGACCAATCATCAGGATCTTAGCCAGGCACATTCTAGAAGGTGGACCTGATCATG
GAGGGTCAAATCCACAAAGCCTGGCACCCCTCTTCGCCAGTTGATCATGTGAACCAG
CTCCCTGTCTGCCAGGTTGGTCAGTAAGCCCATCATCGAAGCTTCACTGAAGGGTCT
GGTAGGATCATACTCGGAATAGAGTATGGGGGGCTCAGCATCCAACAAGGCACTGAC
CATCTGGTTCGGCCGTCAGGGACAAGGCCAGGCTGTTCTTCTTAGAGCGTTTGATCAT
GAGCGGGCTTGGCCAAAGGTTGGCAGCTCTCATGTCTCCAGCAGATGGCTCGAGATC
GCCATCTTCCAGCAGGCGCACCATTGCCCTGTTTCACTATCCAGGTTACGGATATAG
TTCATGACAATATTTACATTGGTCCAGCCACCAGCTTGCATGATCTCCGGTATTGAAAC
TCCAGCGCGGGCCATATCTCGCGCGGCTCCGACACGGGCACTGTGTCCAGACCAGG
CCAGGTATCTTGACCAGAGTCATCCTTAGCGCCGTAATCAATCGATGAGTTGCTTC
AAAAATCCCTTCCAGGGCGCGAGTTGATAGCTGGCTGGTGGCAGATGGCGCGGCAA
CACCATTTTTTCTGACCCGGCAAACAGGTAGTTATTCGGATCATCAGCTACACCAGA
GACGGAAATCCATCGCTCGACCAGTTTAGTTACCCCCAGGCTAAGTGCCTTCTCTACA
CCTGCGGTGCTAACCAGCGTTTTCTGTTCTGCCAATATGGATTAACATTCTCCCACCGT
CAGTACGTGAGATATCTTTAACCCTGATCCTGGCAATTCGGCTATACGTAACAGGGT
GTTATAAGCAATCCCAGAAATGCCAGATTACGTATATCCTGGCAGCGATCGCTATTTT
CCATGAGTGAACGAACCTGGTCGAAATCAGTGC GTTTCGAACGCTAGAGCCTGTTTTG
CACGTTACCGGCATCAACGTTTTCTTTTCGGATCCGCCGCATAACCAGTGAAACAGC

Hoxb5 *mKO2*

TCCACTTCAATCGCTACCTGACC

TTCAGAAACACTGGCAACTTGG

TGCATCATCATGTGAGCCCATC

GGGAAGATTGGAAGGGTCGAGCTGGGGTTGGTGCGGGCTCTCGGGCCGCCAGGG
CTCCTCCGGATGGGCTCACATGATGATGCATGAATGAGCTACTGCATCTTCTACCTGC
TCAGTAATGTTGCCTTCGGTTTTCTGACGAGGCGATGGCCGATGTAATGGTCTCCTG
GCATTTCAAGAATCTCTTTTGCCGCCTTGTAAGTAGTCTTCATTTGGCATTGTGATTG
CCGCCTCCTTCAAGTTTTAGGTACATCGTAACATCACCTTCAGAACTCCGTCGCTGG
CAGTAATTTTCTCGGTTGATGGCTCCCAATCAACACTTTGGTTTTGCATGATAGGACCA
TCGGCAGGAAAGTTAACCCAGTAAATTTGGATTTGTGGTAGAAGGTGTTTCCTCTAA
GGCTTATATGCGCACTGACTGAAGCGGACCCACCATCTTCGAACTCCAACGACCTTTC
CCATGACAGGCCTTCAGGAAATGCTTGTTTGAATAGTCTGGTATCTCTTCTGGATATT
TAGTAAATACTCTGTGGCCGTAACAGAACACGTGTGACACTAAGTCAAACGCGAAAGG
CATTGGCCCGCCCTCGGCCATTGTGACGCGTAGTGTGCATCTCTTGATGTCCCTCGTAA
GGTCTGCCTGTGCCTTCACCTTCAATTGTGAACTCATGCCATTGACGGAGCCGTCCA
TG TAGTACCTCATCTTCATCTCTGGTTTAATCACACTCACGGATCCGGGTCCGGGGTT
CTCCTCCACGTGCGCCGGCCTGCTTCAGCAGGCTGAAGTTGGTGGCGCCGCTGCCGA
ATTCTGAATGAGCTACTGCATCTTCTACCTGCTCAGTAATGTTGCCTTCGGTTTTCTG
ACGAGGCGATGGCCGATGTAATGGTCTCCTGGCATTTCAGAAATCTCTTTTGCCGCCT
TGTAAGTAGTCTTCATTTGGCATTGTGATTGCCGCCTCCTTCAAGTTTTAGGTACATC
GTAACATCACCTTCAGAACTCCGTCGCTGGCAGTAATTTTCTCGGTTGATGGCTCCC
AATCAACACTTTGGTTTTGCATGATAGGACCATCGGCAGGAAAGTTAACCCAGTAAA
TTTGGATTTGTGGTAGAAGGTGTTTCCTCTAAGGCTTATATGCGCACTGACTGAAGCG
GACCCACCATCTTCGAACTCCAACGACCTTCCCATGACAGGCCTTCAGGAAATGCTT
GTTTGAATAGTCTGGTATCTCTTCTGGATATTTAGTAAATACTCTGTGGCCGTAACAG
AACACGTGTGACACTAAGTCAAACGCGAAAGGCATTGGCCCGCCCTCGGCCATTGTG
ACGCGTAGTGTGCATCTCTTGATGTCCCTCGTAAGGTCTGCCTGTGCCTTCACCTTCAA
TTGTGAACTCATGCCATTGACGGAGCCGTCATGTAGTACCTCATCTTCATCTCTGG
TTTAATCACACTACCCATGGGGGTCCGGGGTTCTCCTCCACGTGCGCCGGCCTGCTT
CAGCAGGCTGAAGTTGGTGGCGCCGCTGCCAGGTTGGAAGGCGCTGCCGGCTGTAG
CCAGACTCATACTTTTCAGTTTGTGTCTTTCTTCCACTTCATG

Clusters in the integrated HSPC landscape - manual annotation

Cluster number	annotation	passed_filter	Filtered cluster names
0	HSC	YES	0
1	Ery prog	YES	1
2	Int prog	YES	2
3	Int prog	YES	3
4	Int prog	YES	4
5	Int prog	YES	5
6	Mono/DC prc	YES	6
7	Meg prog	YES	7
8	Int prog	YES	8
9	Ery prog	YES	9
10	Neu prog	YES	10
11	Ery prog	YES	11
12	Bas/MC prog	YES	12
13	Hi-Mito	NO	
14	pDC	YES	13
15	T cell	NO	
16	Lymphoid prc	YES	14
17	ILC	NO	
18	Hi-Mito	NO	
19	B cell	NO	
20	Ery progenito	YES	15
21	Unknown/do	NO	
22	Myo C1	NO	
23	Ifn-act progei	NO	
24	DCs	YES	16
25	Eos	YES	17
26	Bas	YES	18
27	T cell/ILC	NO	
28	B prog	YES	19
29	ILC	NO	
30	unknown	NO	

Marker genes used for manual annotation of clusters in the integrated HSPC I

Cell identity

HSC

Megakaryocyte (progenitor)

Erythroid (progenitor)

Neutrophil (progenitor)

Basophil (progenitor)

Eosinophil (progenitor)

Mast cell (progenitor)

Monocyte/DC progenitor

Lymphoid progenitor

T cell (progenitor)

B cell (progenitor)

ILC

Monocyte

pDC

Ifn-activated cells

Complement expressing

DCs

andscape

marker genes

Procr; Mecom

Pf4; Vwf; Itga2b; Gp9; Itgb3

Klf1; Gata1; Hba-a1

Elane; Prtn3; Ms4a3

Prss34; Mcrpt8

Pprg2; Prg3; Epx

Kit; Cma1; Gzmb

Csf1r; Mpo

Il7r; Dntt

Cd3e; Cd8a; Bcl11b

Ly6d; Vpreb3; Cd79a

Gata3; Id2; Il7r

Cd14; Ctsg; Ly6c1; Ly6c2

Irf8; Siglech; Ly6d

Ifitm3; Irf7; Isg15

C1qa; C1qb

H2-Aa; Xcr1; Itgax

Table S2

biosample_ic	0	1	2	3	4	5
2w4w_SITTC4	42	16	8	5	15	7
2w4w_SITTC4	184	122	103	109	118	97
2w4w_SITTD4	257	122	107	76	116	120
2w4w_SITTD4	98	61	42	45	42	26
2w4w_SITTE4	35	10	10	9	6	16
2w4w_SITTE4	32	46	17	21	17	23
2w4w_SS2_1	18	6	4	5	22	8
2w4w_SS2_1	9	4	3	3	9	4
3d7d_SITTB7	45	4	4	4	15	13
3d7d_SS2_14	35	0	0	2	15	8
3d7d_SS2_14	37	1	2	4	14	19
3d7d_SS2_14	31	0	1	0	18	8
3d7d_SS2_14	21	5	17	10	22	22
3dr2_SS2_14	25	2	2	1	14	7
3dr2_SS2_14	61	1	3	0	20	16
5mo_SIGAD9	250	122	104	68	119	123
5mo_SIGAD9	152	181	151	116	176	131
5mo_SIGAE9	27	23	8	9	20	13
5mo_SIGAE9	442	379	336	307	361	289
7d_SS2_1468	35	32	11	17	21	15
7d_SS2_1468	25	2	3	2	12	11
7dr2_7dold_9	42	21	34	9	38	62
7w11w_SITTC	440	377	202	159	306	249
7w11w_SITTC	351	209	177	116	231	175
7w11w_SITTE	49	35	28	55	24	15
7w11w_SITTE	210	154	211	228	159	186
7w11w_SITTF	63	37	65	37	62	67
7w11w_SITTF	169	103	149	200	97	87
9mo_SIGAE3	481	261	226	190	250	246
9mo_SIGAE3	401	672	439	434	381	361
9mo_SIGAF3	425	249	342	320	300	340
9mo_SIGAF3	636	518	521	503	465	454
16w_SITTD12	242	352	242	218	196	216
16w_SITTD12	348	359	251	249	248	203
16w_SITTE12	87	100	74	81	79	63
16w_SITTE12	501	577	429	410	384	369

cluster_number_filtered

6	7	8	9	10	11	12
3	19	28	5	0	4	4
73	149	146	35	56	32	38
78	175	161	62	36	43	35
28	52	76	15	24	22	6
4	19	16	6	2	2	1
19	56	42	10	6	7	10
5	26	14	0	0	1	1
6	10	6	2	4	3	1
3	13	11	0	2	0	1
1	19	18	1	0	0	1
8	7	14	0	2	1	2
1	2	6	0	0	0	0
8	4	9	0	4	0	1
1	5	10	0	1	0	0
1	18	16	0	0	0	0
46	239	181	58	38	77	26
110	118	136	101	61	69	56
7	20	14	5	3	9	2
271	345	326	183	166	163	107
3	38	21	3	8	7	8
3	12	15	0	1	0	0
6	18	11	1	4	0	4
143	300	327	137	69	139	122
108	293	262	118	60	52	60
36	38	23	26	38	18	10
222	147	152	103	140	80	56
34	55	60	19	11	12	11
191	107	91	55	114	51	42
154	375	295	115	79	109	67
404	425	408	343	235	340	205
255	168	180	97	105	74	77
509	380	395	281	307	242	191
207	238	220	209	110	139	110
247	286	242	194	103	181	99
65	71	73	32	31	16	27
340	349	370	314	194	245	188

13	14	15	16	17	18	19
0	1	0	0	0	0	0
1	17	4	11	2	5	2
5	12	7	4	3	2	1
2	3	2	2	0	1	0
0	0	0	0	0	1	0
0	2	1	0	0	0	0
0	0	0	0	0	1	0
0	0	0	0	0	0	0
0	0	0	0	0	1	0
0	0	0	0	0	0	0
0	4	2	0	0	0	0
0	0	0	0	0	2	1
0	3	1	1	0	0	1
1	0	0	0	0	0	0
0	0	0	0	0	0	0
14	26	14	2	5	0	8
23	29	16	4	3	2	0
2	4	1	0	0	0	0
258	75	31	30	16	4	6
2	1	0	1	0	1	0
0	1	1	0	3	1	0
0	2	1	0	1	0	0
32	18	16	5	11	19	3
14	25	6	3	5	14	3
1	1	5	1	0	2	0
9	23	12	8	12	6	0
1	7	1	2	1	0	0
6	8	8	9	12	5	0
26	67	9	9	12	14	9
78	52	29	37	38	54	7
47	107	8	15	11	17	28
88	119	14	39	40	55	24
43	52	14	7	20	11	26
79	73	23	16	14	18	35
8	7	3	2	3	2	1
160	106	25	24	22	34	7

total_cells_fl	total_cells_sc	total_cells_sc	time_days
634.907992	161	157	27
2320.51911	1357	1304	27
3535.79159	1449	1422	27
895.421264	563	547	27
456.845376	143	137	12
825.926225	319	309	12
540	130	111	12
484	73	64	12
709.266598	138	116	7
158	113	100	7
185	136	117	7
115	80	70	3
174	149	129	3
102	83	69	3
197	157	136	3
5252.01591	1621	1520	161
3995.91514	1780	1635	161
675.237113	212	167	161
9844.2343	4484	4095	161
441	262	224	7
173	105	92	7
665.607649	305	254	7
7918.13452	3325	3074	76
8549.73075	2377	2282	76
936.85392	414	405	49
5145.48813	2219	2118	49
1709.86946	565	545	49
4700.89931	1605	1504	49
40458.2757	3129	2994	269
NA	5800	5343	269
NA	3345	3165	269
42987.6963	6414	5781	269
12467.3443	3014	2872	112
18572.1872	3474	3268	112
5286.54973	852	825	112
19472.1109	5309	5048	112

biosample_ic	0	1	2	3	4	5
2w4w_SITTA4	343	268	319	226	286	322
2w4w_SITTA4	472	479	408	461	321	299
2w4w_SITTB4	168	284	230	262	152	152
2w4w_SITTB4	362	390	334	382	279	302
3d7d_SITTC7	253	166	290	266	217	218
3d7d_SITTC7	341	310	419	562	277	281
5mo_SIGAF9	505	324	445	337	429	414
5mo_SIGAF9	467	276	397	357	407	347
7d_SIGAA5_1	220	257	260	295	164	192
7d_SIGAA5_1	251	287	323	406	258	257
7w11w_SITTE	387	394	344	238	363	346
7w11w_SITTE	545	600	392	365	378	305
7w11w_SITTE	358	251	273	404	243	234
7w11w_SITTE	544	283	539	517	440	439
9mo_SIGAG3	537	271	211	176	234	228
9mo_SIGAG3	401	487	493	510	376	355
16w_SITTF12	236	246	237	226	200	168
16w_SITTF12	447	358	342	260	355	354

cluster_number_filtered						
6	7	8	9	10	11	12
189	185	189	211	64	150	59
407	288	309	181	246	172	133
208	188	142	312	75	237	72
424	266	249	338	216	227	107
300	95	79	165	101	113	48
548	141	164	232	294	186	76
299	314	287	112	178	83	110
336	212	291	111	195	110	97
244	150	145	252	163	195	84
312	150	153	144	211	88	112
283	207	247	250	104	190	116
334	364	366	402	171	384	205
364	217	208	173	211	132	98
384	228	275	215	315	182	127
171	460	336	150	30	119	68
355	343	324	242	348	241	177
185	166	135	136	113	103	81
290	249	246	209	114	185	110

13	14	15	16	17	18	19
48	48	9	3	5	6	2
44	50	24	25	13	11	6
87	26	58	1	7	7	0
99	63	49	9	10	11	7
101	55	16	12	3	2	4
153	50	35	21	13	7	3
92	99	3	34	18	6	41
87	69	9	18	15	6	5
274	85	44	12	21	19	1
448	81	19	31	21	27	10
58	99	43	13	13	8	8
90	50	77	25	35	13	9
8	29	42	15	11	1	5
53	80	47	16	19	5	7
20	64	20	4	15	10	18
39	60	40	23	35	34	5
45	56	6	11	13	10	26
163	102	30	18	12	13	37

total_cells_fl	total_cells_sc	total_cells_sc	time_days
430125.745	3149	2932	27
177614.97	4725	4349	27
568858.09	2820	2668	12
431659.079	4499	4124	12
367767	2844	2504	3
284883.426	4816	4113	3
1153203.47	4761	4130	161
589288.431	4457	3812	161
659084	3598	3077	7
417946	4068	3589	7
1143088.25	3961	3711	76
666014.383	5749	5110	76
982135.193	3542	3277	49
683243.272	5258	4715	49
791790.941	3228	3142	269
NA	5098	4888	269
653298.651	2532	2399	112
612404.106	4213	3894	112

Discrete model parameters

Note: filtered_names correspond to cluster numbering used in the manuscript figures. Source coc

parameter_no	parameter_description	cluster_index	cluster_name
1	cluster size (Tom-)	0	0c
2	cluster size (Tom-)	1	1
3	cluster size (Tom-)	2	2
4	cluster size (Tom-)	3	3
5	cluster size (Tom-)	4	4
6	cluster size (Tom-)	5	5
7	cluster size (Tom-)	6	6
8	cluster size (Tom-)	7	7
9	cluster size (Tom-)	8	8
10	cluster size (Tom-)	9	9
11	cluster size (Tom-)	10	10
12	cluster size (Tom-)	11	11
13	cluster size (Tom-)	12	12
14	cluster size (Tom-)	13	14
15	cluster size (Tom-)	14	16
16	cluster size (Tom-)	15	20
17	cluster size (Tom-)	16	24
18	cluster size (Tom-)	17	25
19	cluster size (Tom-)	18	26
20	cluster size (Tom-)	19	28
21	cluster size (Tom-)	20	0a
22	cluster size (Tom-)	21	0b
23	labelling frequency (Tom+)	0	0c
24	labelling frequency (Tom+)	1	1
25	labelling frequency (Tom+)	2	2
26	labelling frequency (Tom+)	3	3
27	labelling frequency (Tom+)	4	4
28	labelling frequency (Tom+)	5	5
29	labelling frequency (Tom+)	6	6
30	labelling frequency (Tom+)	7	7
31	labelling frequency (Tom+)	8	8
32	labelling frequency (Tom+)	9	9
33	labelling frequency (Tom+)	10	10
34	labelling frequency (Tom+)	11	11
35	labelling frequency (Tom+)	12	12
36	labelling frequency (Tom+)	13	14
37	labelling frequency (Tom+)	14	16
38	labelling frequency (Tom+)	15	20
39	labelling frequency (Tom+)	16	24
40	labelling frequency (Tom+)	17	25

41 labelling frequency (Tom+)	18	26
42 labelling frequency (Tom+)	19	28
43 labelling frequency (Tom+)	20	0a
44 labelling frequency (Tom+)	21	0b
45 differentiation rate	NA	NA
46 differentiation rate	NA	NA
47 differentiation rate	NA	NA
48 differentiation rate	NA	NA
49 differentiation rate	NA	NA
50 differentiation rate	NA	NA
51 differentiation rate	NA	NA
52 differentiation rate	NA	NA
53 differentiation rate	NA	NA
54 differentiation rate	NA	NA
55 differentiation rate	NA	NA
56 differentiation rate	NA	NA
57 differentiation rate	NA	NA
58 differentiation rate	NA	NA
59 differentiation rate	NA	NA
60 differentiation rate	NA	NA
61 differentiation rate	NA	NA
62 differentiation rate	NA	NA
63 differentiation rate	NA	NA
64 differentiation rate	NA	NA
65 differentiation rate	NA	NA
66 differentiation rate	NA	NA
67 differentiation rate	NA	NA
68 differentiation rate	NA	NA
69 differentiation rate	NA	NA
70 differentiation rate	NA	NA
71 differentiation rate	NA	NA
72 differentiation rate	NA	NA
73 differentiation rate	NA	NA
74 differentiation rate	NA	NA
75 differentiation rate	NA	NA
76 differentiation rate	NA	NA
77 differentiation rate	NA	NA
78 differentiation rate	NA	NA
79 differentiation rate	NA	NA
80 differentiation rate	NA	NA
81 differentiation rate	NA	NA
82 net proliferation	0	0c
83 net proliferation	1	1

84 net proliferation	2	2
85 net proliferation	3	3
86 net proliferation	4	4
87 net proliferation	5	5
88 net proliferation	6	6
89 net proliferation	7	7
90 net proliferation	8	8
91 net proliferation	9	9
92 net proliferation	10	10
93 net proliferation	11	11
94 net proliferation	12	12
95 net proliferation	13	14
96 net proliferation	14	16
97 net proliferation	15	20
98 net proliferation	16	24
99 net proliferation	17	25
100 net proliferation	18	26
101 net proliferation	19	28
102 net proliferation	20	0a
103 net proliferation	21	0b
104 logistic parameter	0+21+22	0c+0a+0b

le utilises unfiltered cluster names (as in Figure S2F)

transition_in	transition_names	cluster_filtered_names	transition_filtered_na	start
NA	NA	0c	NA	0
NA	NA	1	NA	0
NA	NA	2	NA	0
NA	NA	3	NA	0
NA	NA	4	NA	0
NA	NA	5	NA	0
NA	NA	6	NA	0
NA	NA	7	NA	0
NA	NA	8	NA	0
NA	NA	9	NA	0
NA	NA	10	NA	0
NA	NA	11	NA	0
NA	NA	12	NA	0
NA	NA	13	NA	0
NA	NA	14	NA	0
NA	NA	15	NA	0
NA	NA	16	NA	0
NA	NA	17	NA	0
NA	NA	18	NA	0
NA	NA	19	NA	0
NA	NA	0a	NA	500
NA	NA	0b	NA	0
NA	NA	0c	NA	0
NA	NA	1	NA	0
NA	NA	2	NA	0
NA	NA	3	NA	0
NA	NA	4	NA	0
NA	NA	5	NA	0
NA	NA	6	NA	0
NA	NA	7	NA	0
NA	NA	8	NA	0
NA	NA	9	NA	0
NA	NA	10	NA	0
NA	NA	11	NA	0
NA	NA	12	NA	0
NA	NA	13	NA	0
NA	NA	14	NA	0
NA	NA	15	NA	0
NA	NA	16	NA	0
NA	NA	17	NA	0

NA	NA	18	NA	0
NA	NA	19	NA	0
NA	NA	0a	NA	0
NA	NA	0b	NA	0
0_4	0c_4	NA	0c_4	0
0_5	0c_5	NA	0c_5	0
0_8	0c_8	NA	0c_8	0
21_8	0b_8	NA	0b_8	0
0_21	0c_0b	NA	0c_0b	0
1_9	1_9	NA	1_9	0
1_12	1_12	NA	1_12	0
2_3	2_3	NA	2_3	0
2_4	2_4	NA	2_4	0
2_5	2_5	NA	2_5	0
2_6	2_6	NA	2_6	0
2_12	2_12	NA	2_12	0
2_16	2_16	NA	2_14	0
3_10	3_10	NA	3_10	0
3_25	3_25	NA	3_17	0
4_2	4_2	NA	4_2	0
4_5	4_5	NA	4_5	0
4_8	4_8	NA	4_8	0
4_12	4_12	NA	4_12	0
5_2	5_2	NA	5_2	0
5_4	5_4	NA	5_4	0
5_16	5_16	NA	5_14	0
6_24	6_24	NA	6_16	0
8_1	8_1	NA	8_1	0
8_4	8_4	NA	8_4	0
8_7	8_7	NA	8_7	0
8_12	8_12	NA	8_12	0
9_11	9_11	NA	9_11	0
10_25	10_25	NA	10_17	0
11_20	11_20	NA	11_15	0
12_25	12_25	NA	12_17	0
12_26	12_26	NA	12_18	0
16_14	16_14	NA	14_13	0
16_28	16_28	NA	14_19	0
24_14	24_14	NA	16_13	0
20_0	0a_0c	NA	0a_0c	0
20_21	0a_0b	NA	0a_0b	0
NA	NA	NA	NA	-4
NA	NA	NA	NA	-4

stop	best_fit	upper_bound	lower_bounds
200000	1226.5	2139	527.54
200000	42900	62916	27379
200000	53761	77960	38879
200000	56977	88793	28767
200000	29367	41869	19421
200000	33384	49368	20569
200000	53573	77440	35208
200000	14833	25925	5866.1
200000	15209	21783	8863.4
200000	38589	58240	23710
200000	23772	46335	5944.4
200000	18823	37650	385.32
200000	7819.1	14751	1096.6
200000	32451	46739	22685
200000	8068	10806	4944.5
200000	4789.5	9181	9.13E-07
200000	2089	3765.9	310.52
200000	939.17	2439.7	2.86E-07
200000	534.91	1869.4	6.19E-07
200000	190.99	1072.7	2.07E-07
1500	1063.4	1500	500
200000	35307	46706	26347
1	0.0032052	0.012348	1.93E-13
1	0.00077599	0.0017114	6.08E-07
1	0.00048324	0.0012395	6.93E-05
1	0.00041038	0.0014473	2.73E-07
1	0.0026012	0.0051834	0.0012868
1	0.0027507	0.0059597	0.0012412
1	0.00027206	0.0010644	2.72E-07
1	0.0020558	0.0082488	7.60E-08
1	0.0031318	0.0074138	0.00071864
1	0.000155	0.00059251	3.41E-08
1	0.00043628	0.0030274	2.27E-07
1	4.45E-05	0.0042366	2.87E-07
1	0.00026208	0.0025887	5.31E-07
1	1.21E-13	0.00035963	0
1	0.00048002	0.0014469	5.88E-07
1	0.00060722	0.99998	3.60E-07
1	0.00093052	0.0086153	1.77E-07
1	2.96E-06	0.99999	2.72E-09

1	0.0049652	0.013529	1.14E-07
1	0.0043341	0.99999	6.30E-08
1	0.022675	0.048613	1.98E-13
1	0.0038469	0.0064758	0.0021621
4	0.48487	0.94672	4.48E-10
4	0.006696	0.46217	5.27E-11
4	3.0534	3.5475	2.2073
4	0.19947	0.75379	4.21E-08
4	0.4653	0.89006	0.30601
4	0.036843	0.1194	0.01746
4	3.69E-14	0.80746	0
4	0.30736	1.091	0.088923
4	5.35E-07	0.099433	2.22E-14
4	0.027121	0.24799	1.15E-08
4	0.22122	0.87744	0.074914
4	0.47571	1.9556	0.11896
4	0.01081	0.09879	6.05E-07
4	0.78135	2.5216	0.21568
4	0.0069534	0.23572	2.29E-14
4	0.1004	0.2134	0.0538
4	0.040892	0.21786	2.25E-07
4	1.20E-06	0.33677	2.52E-14
4	2.26E-06	0.49857	4.04E-12
4	4.15E-14	0.043388	0
4	3.21E-11	0.077429	0
4	3.71E-14	0.019233	0
4	0.11771	0.28656	0.014886
4	0.074206	0.26026	0.035957
4	0.012087	0.21953	2.12E-09
4	3.9959	4	1.8065
4	3.99E-14	0.41116	0
4	3.0574	3.6457	0.85184
4	0.32837	0.5249	2.25E-14
4	0.019193	0.73243	0.0034235
4	0.00092591	0.74574	2.23E-14
4	0.29351	0.69152	0.039119
4	0.18521	0.58811	4.86E-07
4	0.023187	0.13952	5.17E-09
4	0.0066346	0.059072	0.0025924
0.02	0.02	0.02	0.006191
0.02	8.99E-13	0.02	0
4	4	4	3.0923
4	-0.011547	0.81021	-0.17131

4	0.94789	2.6978	0.48236
4	0.48654	2.2146	-0.79321
4	0.12228	0.6283	-0.17069
4	-0.066694	0.027724	-0.5133
4	-0.12588	0.051941	-1.0409
4	-3.7046	-1.5884	-4
4	3.671	3.9855	1.4281
4	3.0002	3.5603	0.79397
4	-1.2153	-0.17399	-4
4	-3.5822	-0.86149	-4
4	-1.1043	0.83169	-4
4	-0.056239	-0.0246	-0.11132
4	-0.01513	0.1098	-0.51246
4	-0.1218	-0.013344	-4
4	-2.0404	-0.11834	-4
4	-3.4938	-0.92059	-4
4	-2.1874	-0.27329	-4
4	-0.020912	-0.0028011	-0.33676
4	0.1939	0.74188	-0.018695
4	0.012987	0.015177	0.011427
500000	1.33E+05	1.75E+05	1.04E+05

Note: filtered_names correspond to cluster numbering used in the manuscript figures. So

Discrete bi-phasic model parameters

parameter_n	parameter_description	phase	cluster_index	cluster_names
1	cluster size (Tom-)	1+2	0	0c
2	cluster size (Tom-)	1+2	1	1
3	cluster size (Tom-)	1+2	2	2
4	cluster size (Tom-)	1+2	3	3
5	cluster size (Tom-)	1+2	4	4
6	cluster size (Tom-)	1+2	5	5
7	cluster size (Tom-)	1+2	6	6
8	cluster size (Tom-)	1+2	7	7
9	cluster size (Tom-)	1+2	8	8
10	cluster size (Tom-)	1+2	9	9
11	cluster size (Tom-)	1+2	10	10
12	cluster size (Tom-)	1+2	11	11
13	cluster size (Tom-)	1+2	12	12
14	cluster size (Tom-)	1+2	13	14
15	cluster size (Tom-)	1+2	14	16
16	cluster size (Tom-)	1+2	15	20
17	cluster size (Tom-)	1+2	16	24
18	cluster size (Tom-)	1+2	17	25
19	cluster size (Tom-)	1+2	18	26
20	cluster size (Tom-)	1+2	19	28
21	cluster size (Tom-)	1+2	20	0a
22	cluster size (Tom-)	1+2	21	0b
23	labelling frequency (Tom+)	1+2	0	0c
24	labelling frequency (Tom+)	1+2	1	1
25	labelling frequency (Tom+)	1+2	2	2
26	labelling frequency (Tom+)	1+2	3	3
27	labelling frequency (Tom+)	1+2	4	4
28	labelling frequency (Tom+)	1+2	5	5
29	labelling frequency (Tom+)	1+2	6	6
30	labelling frequency (Tom+)	1+2	7	7
31	labelling frequency (Tom+)	1+2	8	8
32	labelling frequency (Tom+)	1+2	9	9
33	labelling frequency (Tom+)	1+2	10	10
34	labelling frequency (Tom+)	1+2	11	11
35	labelling frequency (Tom+)	1+2	12	12
36	labelling frequency (Tom+)	1+2	13	14
37	labelling frequency (Tom+)	1+2	14	16
38	labelling frequency (Tom+)	1+2	15	20
39	labelling frequency (Tom+)	1+2	16	24
40	labelling frequency (Tom+)	1+2	17	25

41 labelling frequency (Tom+)	1+2	18	26
42 labelling frequency (Tom+)	1+2	19	28
43 labelling frequency (Tom+)	1+2	20	0a
44 labelling frequency (Tom+)	1+2	21	0b
45 differentiation rate	1	NA	NA
46 differentiation rate	1	NA	NA
47 differentiation rate	1	NA	NA
48 differentiation rate	1	NA	NA
49 differentiation rate	1	NA	NA
50 differentiation rate	1	NA	NA
51 differentiation rate	1	NA	NA
52 differentiation rate	1	NA	NA
53 differentiation rate	1	NA	NA
54 differentiation rate	1	NA	NA
55 differentiation rate	1	NA	NA
56 differentiation rate	1	NA	NA
57 differentiation rate	1	NA	NA
58 differentiation rate	1	NA	NA
59 differentiation rate	1	NA	NA
60 differentiation rate	1	NA	NA
61 differentiation rate	1	NA	NA
62 differentiation rate	1	NA	NA
63 differentiation rate	1	NA	NA
64 differentiation rate	1	NA	NA
65 differentiation rate	1	NA	NA
66 differentiation rate	1	NA	NA
67 differentiation rate	1	NA	NA
68 differentiation rate	1	NA	NA
69 differentiation rate	1	NA	NA
70 differentiation rate	1	NA	NA
71 differentiation rate	1	NA	NA
72 differentiation rate	1	NA	NA
73 differentiation rate	1	NA	NA
74 differentiation rate	1	NA	NA
75 differentiation rate	1	NA	NA
76 differentiation rate	1	NA	NA
77 differentiation rate	1	NA	NA
78 differentiation rate	1	NA	NA
79 differentiation rate	1	NA	NA
80 differentiation rate	1	NA	NA
81 differentiation rate	1	NA	NA
82 net proliferation	1	0	0c
83 net proliferation	1	1	1

84 net proliferation	1	2	2
85 net proliferation	1	3	3
86 net proliferation	1	4	4
87 net proliferation	1	5	5
88 net proliferation	1	6	6
89 net proliferation	1	7	7
90 net proliferation	1	8	8
91 net proliferation	1	9	9
92 net proliferation	1	10	10
93 net proliferation	1	11	11
94 net proliferation	1	12	12
95 net proliferation	1	13	14
96 net proliferation	1	14	16
97 net proliferation	1	15	20
98 net proliferation	1	16	24
99 net proliferation	1	17	25
100 net proliferation	1	18	26
101 net proliferation	1	19	28
102 net proliferation	1	20	0a
103 net proliferation	1	21	0b
104 logistic parameter	1	0+21+22	0c+0a+0b
105 differentiation rate	2	NA	NA
106 differentiation rate	2	NA	NA
107 differentiation rate	2	NA	NA
108 differentiation rate	2	NA	NA
109 differentiation rate	2	NA	NA
110 differentiation rate	2	NA	NA
111 differentiation rate	2	NA	NA
112 differentiation rate	2	NA	NA
113 differentiation rate	2	NA	NA
114 differentiation rate	2	NA	NA
115 differentiation rate	2	NA	NA
116 differentiation rate	2	NA	NA
117 differentiation rate	2	NA	NA
118 differentiation rate	2	NA	NA
119 differentiation rate	2	NA	NA
120 differentiation rate	2	NA	NA
121 differentiation rate	2	NA	NA
122 differentiation rate	2	NA	NA
123 differentiation rate	2	NA	NA
124 differentiation rate	2	NA	NA
125 differentiation rate	2	NA	NA
126 differentiation rate	2	NA	NA

127	differentiation rate	2	NA	NA
128	differentiation rate	2	NA	NA
129	differentiation rate	2	NA	NA
130	differentiation rate	2	NA	NA
131	differentiation rate	2	NA	NA
132	differentiation rate	2	NA	NA
133	differentiation rate	2	NA	NA
134	differentiation rate	2	NA	NA
135	differentiation rate	2	NA	NA
136	differentiation rate	2	NA	NA
137	differentiation rate	2	NA	NA
138	differentiation rate	2	NA	NA
139	differentiation rate	2	NA	NA
140	differentiation rate	2	NA	NA
141	differentiation rate	2	NA	NA
142	net proliferation	2	0	0c
143	net proliferation	2	1	1
144	net proliferation	2	2	2
145	net proliferation	2	3	3
146	net proliferation	2	4	4
147	net proliferation	2	5	5
148	net proliferation	2	6	6
149	net proliferation	2	7	7
150	net proliferation	2	8	8
151	net proliferation	2	9	9
152	net proliferation	2	10	10
153	net proliferation	2	11	11
154	net proliferation	2	12	12
155	net proliferation	2	13	14
156	net proliferation	2	14	16
157	net proliferation	2	15	20
158	net proliferation	2	16	24
159	net proliferation	2	17	25
160	net proliferation	2	18	26
161	net proliferation	2	19	28
162	net proliferation	2	20	0a
163	net proliferation	2	21	0b
164	logistic parameter	2	0+21+22	0c+0a+0b

source code utilises unfiltered cluster names (as in Figure S2F)

transition_indices	transition_names	cluster_filtered_na	transition_filtered_start	
NA	NA	0c	NA	0
NA	NA	1	NA	0
NA	NA	2	NA	0
NA	NA	3	NA	0
NA	NA	4	NA	0
NA	NA	5	NA	0
NA	NA	6	NA	0
NA	NA	7	NA	0
NA	NA	8	NA	0
NA	NA	9	NA	0
NA	NA	10	NA	0
NA	NA	11	NA	0
NA	NA	12	NA	0
NA	NA	13	NA	0
NA	NA	14	NA	0
NA	NA	15	NA	0
NA	NA	16	NA	0
NA	NA	17	NA	0
NA	NA	18	NA	0
NA	NA	19	NA	0
NA	NA	0a	NA	500
NA	NA	0b	NA	0
NA	NA	0c	NA	0
NA	NA	1	NA	0
NA	NA	2	NA	0
NA	NA	3	NA	0
NA	NA	4	NA	0
NA	NA	5	NA	0
NA	NA	6	NA	0
NA	NA	7	NA	0
NA	NA	8	NA	0
NA	NA	9	NA	0
NA	NA	10	NA	0
NA	NA	11	NA	0
NA	NA	12	NA	0
NA	NA	13	NA	0
NA	NA	14	NA	0
NA	NA	15	NA	0
NA	NA	16	NA	0
NA	NA	17	NA	0

NA	NA	18	NA	0
NA	NA	19	NA	0
NA	NA	0a	NA	0
NA	NA	0b	NA	0
0_4	0c_4	NA	0c_4	0
0_5	0c_5	NA	0c_5	0
0_8	0c_8	NA	0c_8	0
21_8	0b_8	NA	0b_8	0
0_21	0c_0b	NA	0c_0b	0
1_9	1_9	NA	1_9	0
1_12	1_12	NA	1_12	0
2_3	2_3	NA	2_3	0
2_4	2_4	NA	2_4	0
2_5	2_5	NA	2_5	0
2_6	2_6	NA	2_6	0
2_12	2_12	NA	2_12	0
2_16	2_16	NA	2_14	0
3_10	3_10	NA	3_10	0
3_25	3_25	NA	3_17	0
4_2	4_2	NA	4_2	0
4_5	4_5	NA	4_5	0
4_8	4_8	NA	4_8	0
4_12	4_12	NA	4_12	0
5_2	5_2	NA	5_2	0
5_4	5_4	NA	5_4	0
5_16	5_16	NA	5_14	0
6_24	6_24	NA	6_16	0
8_1	8_1	NA	8_1	0
8_4	8_4	NA	8_4	0
8_7	8_7	NA	8_7	0
8_12	8_12	NA	8_12	0
9_11	9_11	NA	9_11	0
10_25	10_25	NA	10_17	0
11_20	11_20	NA	11_15	0
12_25	12_25	NA	12_17	0
12_26	12_26	NA	12_18	0
16_14	16_14	NA	14_13	0
16_28	16_28	NA	14_19	0
24_14	24_14	NA	16_13	0
20_0	0a_0c	NA	0a_0c	0
20_21	0a_0b	NA	0a_0b	0
NA	NA	0c	NA	-4
NA	NA	1	NA	-4

NA	NA	2	NA	-4
NA	NA	3	NA	-4
NA	NA	4	NA	-4
NA	NA	5	NA	-4
NA	NA	6	NA	-4
NA	NA	7	NA	-4
NA	NA	8	NA	-4
NA	NA	9	NA	-4
NA	NA	10	NA	-4
NA	NA	11	NA	-4
NA	NA	12	NA	-4
NA	NA	13	NA	-4
NA	NA	14	NA	-4
NA	NA	15	NA	-4
NA	NA	16	NA	-4
NA	NA	17	NA	-4
NA	NA	18	NA	-4
NA	NA	19	NA	-4
NA	NA	0a	NA	-4
NA	NA	0b	NA	-4
NA	NA	0c+0a+0b	NA	0
0_4	0c_4	NA	0c_4	0
0_5	0c_5	NA	0c_5	0
0_8	0c_8	NA	0c_8	0
21_8	0b_8	NA	0b_8	0
0_21	0c_0b	NA	0c_0b	0
1_9	1_9	NA	1_9	0
1_12	1_12	NA	1_12	0
2_3	2_3	NA	2_3	0
2_4	2_4	NA	2_4	0
2_5	2_5	NA	2_5	0
2_6	2_6	NA	2_6	0
2_12	2_12	NA	2_12	0
2_16	2_16	NA	2_14	0
3_10	3_10	NA	3_10	0
3_25	3_25	NA	3_17	0
4_2	4_2	NA	4_2	0
4_5	4_5	NA	4_5	0
4_8	4_8	NA	4_8	0
4_12	4_12	NA	4_12	0
5_2	5_2	NA	5_2	0
5_4	5_4	NA	5_4	0
5_16	5_16	NA	5_14	0

6_24	6_24	NA	6_16	0
8_1	8_1	NA	8_1	0
8_4	8_4	NA	8_4	0
8_7	8_7	NA	8_7	0
8_12	8_12	NA	8_12	0
9_11	9_11	NA	9_11	0
10_25	10_25	NA	10_17	0
11_20	11_20	NA	11_15	0
12_25	12_25	NA	12_17	0
12_26	12_26	NA	12_18	0
16_14	16_14	NA	14_13	0
16_28	16_28	NA	14_19	0
24_14	24_14	NA	16_13	0
20_0	0a_0c	NA	0a_0c	0
20_21	0a_0b	NA	0a_0b	0
NA	NA	0c	NA	-4
NA	NA	1	NA	-4
NA	NA	2	NA	-4
NA	NA	3	NA	-4
NA	NA	4	NA	-4
NA	NA	5	NA	-4
NA	NA	6	NA	-4
NA	NA	7	NA	-4
NA	NA	8	NA	-4
NA	NA	9	NA	-4
NA	NA	10	NA	-4
NA	NA	11	NA	-4
NA	NA	12	NA	-4
NA	NA	13	NA	-4
NA	NA	14	NA	-4
NA	NA	15	NA	-4
NA	NA	16	NA	-4
NA	NA	17	NA	-4
NA	NA	18	NA	-4
NA	NA	19	NA	-4
NA	NA	0a	NA	-4
NA	NA	0b	NA	-4
NA	NA	0c+0a+0b	NA	0

stop	best_fit	upper_bound	lower_bounds
200000	383.38	631.74	170.72
200000	30242	39353	15169
200000	41290	53636	26245
200000	38651	56900	24557
200000	22270	30859	13105
200000	25234	32817	14765
200000	39040	57718	24780
200000	10995	16770	5586.4
200000	10815	14063	5389.3
200000	28028	38456	15452
200000	17676	27622	10753
200000	13939	22633	5881
200000	5796.4	9442.9	1949
200000	24818	32410	15769
200000	7285.9	10145	3955.5
200000	2418.5	4681.6	249.15
200000	1540.1	2515.7	487.2
200000	700.25	1488.1	20.763
200000	398.32	838.04	5.45E-07
200000	345.33	698.52	56.362
1500	918.54	1487.5	543.37
200000	26723	34902	16670
1	2.70E-14	0.0083049	2.24E-14
1	0.0011284	0.0016332	0.00038946
1	0.00055425	0.00092869	0.00028273
1	0.00032378	0.0007112	5.74E-07
1	0.0032909	0.0054508	0.0018269
1	0.0028698	0.0041504	0.0018293
1	0.000259	0.00064975	1.14E-07
1	0.0021259	0.005102	4.15E-07
1	0.0033649	0.0059515	0.0015059
1	0.00024373	0.00045505	5.25E-05
1	0.00040658	0.0012724	1.40E-07
1	2.19E-05	0.001128	4.97E-07
1	0.00025343	0.0020116	9.04E-07
1	4.93E-05	0.00023434	5.81E-07
1	0.0006051	0.0011463	0.00023344
1	0.00078293	0.0032029	8.60E-07
1	0.00095987	0.0034044	6.28E-07
1	9.81E-06	0.013889	9.15E-10

1	0.0050514	0.98871	6.25E-07
1	0.0072447	0.013872	5.96E-05
1	0.13582	0.23568	0.092187
1	4.33E-10	0.00082417	2.82E-14
4	1.6545	1.7331	1.0799
4	1.76E-06	0.15234	1.64E-11
4	1.6497	2.0192	1.5622
4	5.90E-12	0.07262	3.73E-14
4	0.69955	0.91429	0.59587
4	0.021349	0.052825	0.0020103
4	0.00011376	0.13703	2.57E-13
4	0.33479	0.49584	0.14866
4	0.17612	0.43069	5.56E-05
4	0.027077	0.062587	2.83E-07
4	0.25265	0.42212	0.1973
4	0.6398	0.8141	0.5554
4	0.0037391	0.052696	2.56E-07
4	0.94679	1.3594	0.65581
4	2.41E-07	0.059374	4.97E-12
4	0.0032228	0.049046	2.88E-13
4	9.10E-06	0.070715	7.40E-14
4	0.28592	0.44879	0.20154
4	6.20E-09	0.086118	1.93E-12
4	0.087171	0.18881	9.95E-07
4	0.35982	0.80437	0.17516
4	1.17E-07	0.0089475	0
4	0.045714	0.19882	0.017906
4	0.029838	0.059143	1.33E-07
4	1.12E-05	0.31197	1.29E-13
4	3.9989	4	3.7197
4	3.32E-08	0.13154	3.41E-13
4	2.9743	3.6785	2.2912
4	8.40E-07	0.093054	3.92E-12
4	0.064356	0.28322	0.012668
4	0.38655	0.5985	8.82E-07
4	0.33476	0.63066	0.087259
4	9.36E-08	0.18524	8.21E-14
4	3.33E-14	0.092591	0
4	0.18915	0.62869	0.0076415
0.02	0.01999	0.02	0.012804
0.02	8.14E-08	0.02	3.12E-11
4	3.9998	4	3.8193
4	0.028427	0.14946	-0.0010908

4	1.3482	1.6167	1.1645
4	0.68706	1.0638	0.20378
4	-0.27222	-0.10072	-0.89139
4	0.43524	0.86452	0.18133
4	-0.18919	-0.038702	-0.47011
4	-3.5106	-3.046	-3.7488
4	3.6626	3.8834	3.4406
4	2.9561	3.6627	2.2692
4	-1.9985	-1.2341	-3.9999
4	-3.2189	-2.4735	-4
4	-1.0942	-0.71193	-1.805
4	-0.017991	-9.88E-05	-0.072314
4	0.16628	0.56933	-0.22209
4	-0.30276	-0.1001	-2.3529
4	-1.0104	-0.38759	-3.5281
4	-2.5984	-1.3125	-4
4	-2.057	-0.71586	-3.9997
4	-2.8513	-0.52728	-4
4	0.018411	0.095735	0.0012354
4	0.028812	0.046829	0.012807
500000	2.79E+06	5.00E+06	1.71E+05
4	2.75E-07	0.06167	2.22E-14
4	0.644	0.76393	2.22E-14
4	2.4151	3.1805	1.7581
4	0.086262	0.16736	0.037499
4	0.94685	1.3037	0.66618
4	0.034736	0.15461	0.018988
4	1.0967	1.4069	0.17007
4	0.29025	0.57274	0.20338
4	3.00E-08	0.078181	2.22E-14
4	0.073287	0.14343	2.22E-14
4	0.23124	0.29871	0.16791
4	2.88E-05	0.27135	2.22E-14
4	6.38E-07	0.013328	6.38E-07
4	0.22948	0.59991	0.14126
4	0.00036224	0.053231	2.22E-14
4	0.25085	0.31812	0.18715
4	0.00021709	0.097217	2.22E-14
4	8.48E-05	0.10906	2.22E-14
4	0.0083731	0.30175	2.22E-14
4	1.53E-12	0.055542	2.22E-14
4	1.15E-09	0.07313	2.22E-14
4	0.012297	0.024174	2.46E-13

4	0.0064851	0.048619	0.0031362
4	2.2242	2.9363	1.4861
4	0.3706	0.49123	0.32606
4	1.537	2.1331	0.39335
4	0.039722	0.61815	2.22E-14
4	3.0335	3.1612	2.4884
4	0.25989	0.52635	0.010246
4	0.054055	0.42453	0.016572
4	0.17941	0.47352	7.80E-07
4	0.44455	0.58507	0.074106
4	7.69E-06	0.29942	2.22E-14
4	0.11889	0.26896	0.028969
4	0.01249	0.061808	0.0051441
0.02	0.0067018	0.0083353	0.0043649
0.02	3.14E-14	0.0059784	0
4	4	4	3.0612
4	-0.54366	0.14713	-1.4844
4	0.35517	0.75117	0.23341
4	-0.065483	0.33991	-0.36563
4	-0.052228	0.2967	-0.077788
4	-0.071746	-0.029453	-0.1809
4	-0.25583	-0.1791	-0.36056
4	-1.452	-0.36961	-2.1441
4	3.9998	4	3.5949
4	2.977	3.1029	2.4308
4	-0.17828	0.04244	-0.94253
4	-3.61	-2.8862	-4
4	-3.0533	-1.2193	-4
4	-0.10238	-0.047789	-0.26181
4	0.087601	0.2375	-0.0055168
4	-0.37894	-0.13805	-3.8982
4	-0.10374	0.053497	-1.0909
4	-3.6665	-0.084438	-4
4	-3.6439	-0.63046	-4
4	-0.047227	-0.017026	-0.37232
4	0.079608	0.1625	0.027251
4	0.012513	0.013887	0.011284
500000	1.25E+05	1.50E+05	1.04E+05

Residence time for each cluster

cluster name	cluster name filtered	inv_self_renewal_k	residence_tir
	0c	0c	0.010266 97.4089227
	1	1	0.04839 20.6654267
	2	2	0.094332 10.6008565
	3	3	0.30176 3.31389183
	4	4	0.019015 52.5900605
	5	5	0.066694 14.9938525
	6	6	0.24359 4.10525884
	7	7	3.7046 0.26993468
	8	8	0.41119 2.43196576
	9	9	0.0572 17.4825175
	10	10	1.5437 0.64779426
	11	11	3.6014 0.2776698
	12	12	1.3987 0.7149496
	14	13	0.056239 17.781255
	16	15	0.044952 22.2459512
	20	16	0.1218 8.21018062
	24	17	2.2256 0.44931704
	25	18	3.4938 0.28622131
	26	19	2.1874 0.45716376
	28	20	0.020912 47.8194338
	0a	0a	0 Inf
	0b	0b	0.00557 179.533214

ne_days

Time required to accumulate 1 cells (starting from 1 cell in cluster 0)

cluster name	cluster name	time_days
1	1	33.5
2	2	52
3	3	54.5
4	4	44
5	5	60.5
6	6	59.5
7	7	26.5
8	8	31
9	9	71.5
10	10	87.5
11	11	82
12	12	111
14	13	1.57E+02
16	14	154.5
20	15	2.29E+02
24	16	2.62E+02
25	17	2.58E+02
26	18	262.5
28	19	270

Figure S5

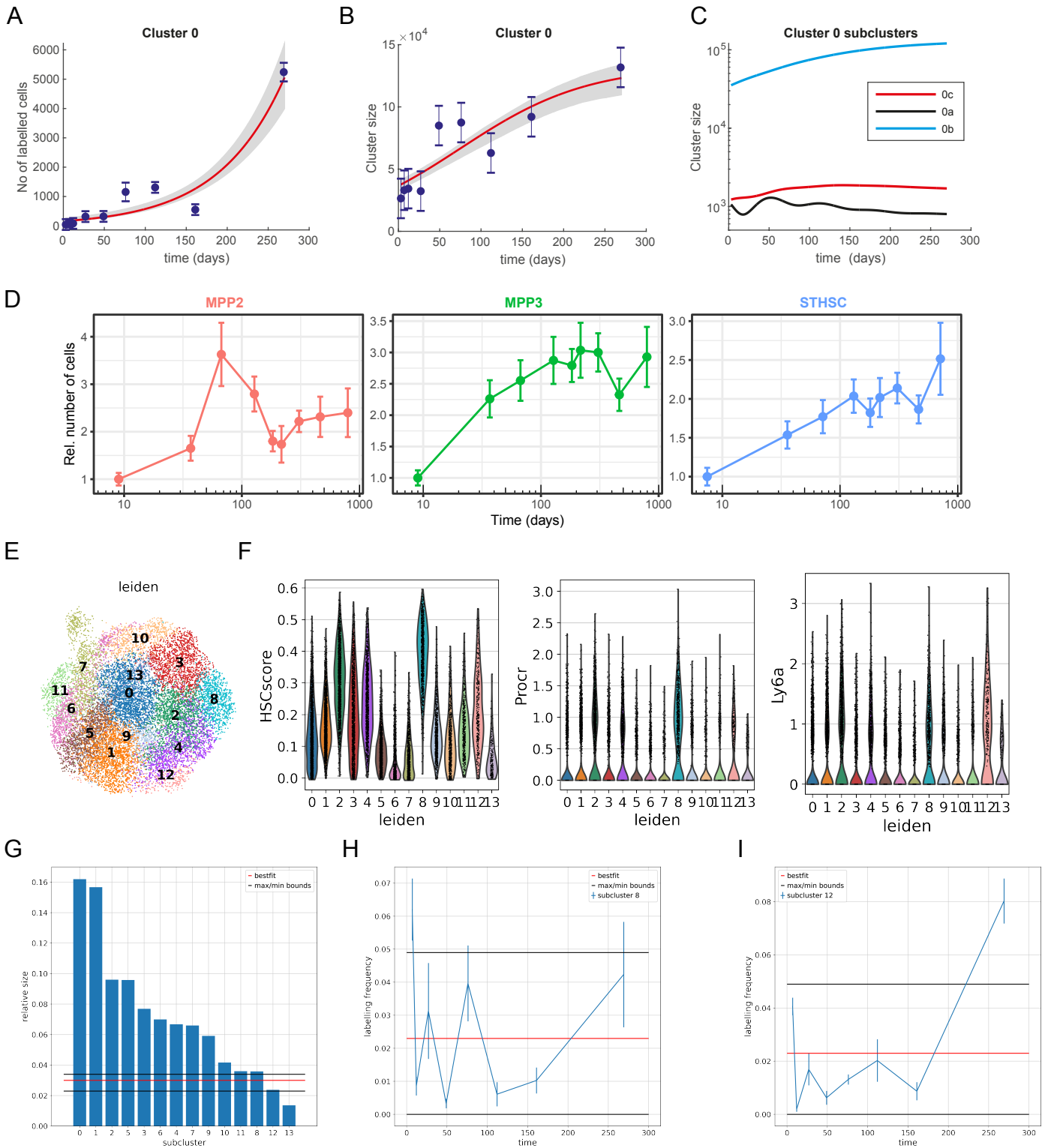


Figure S6

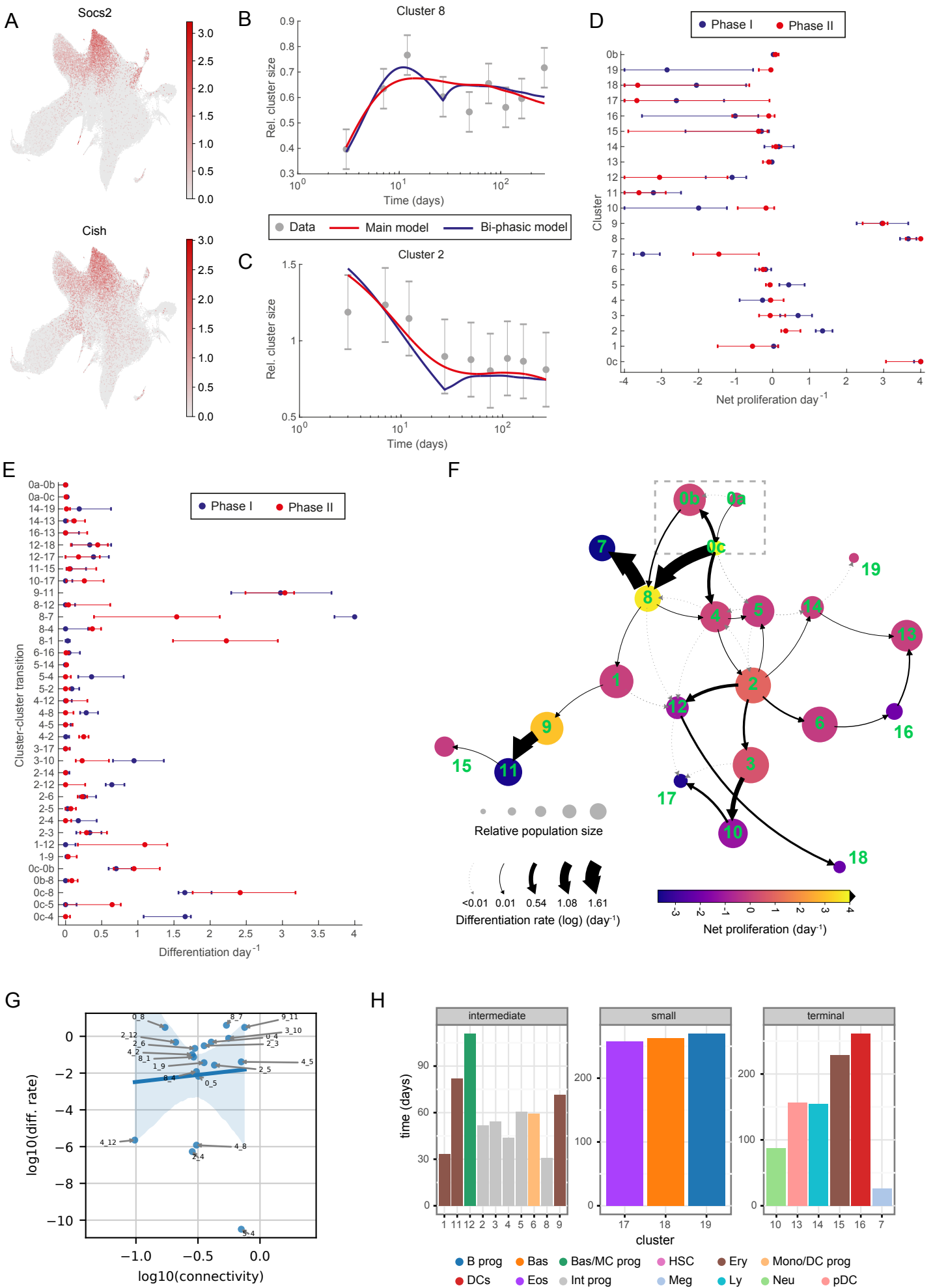


Figure S7

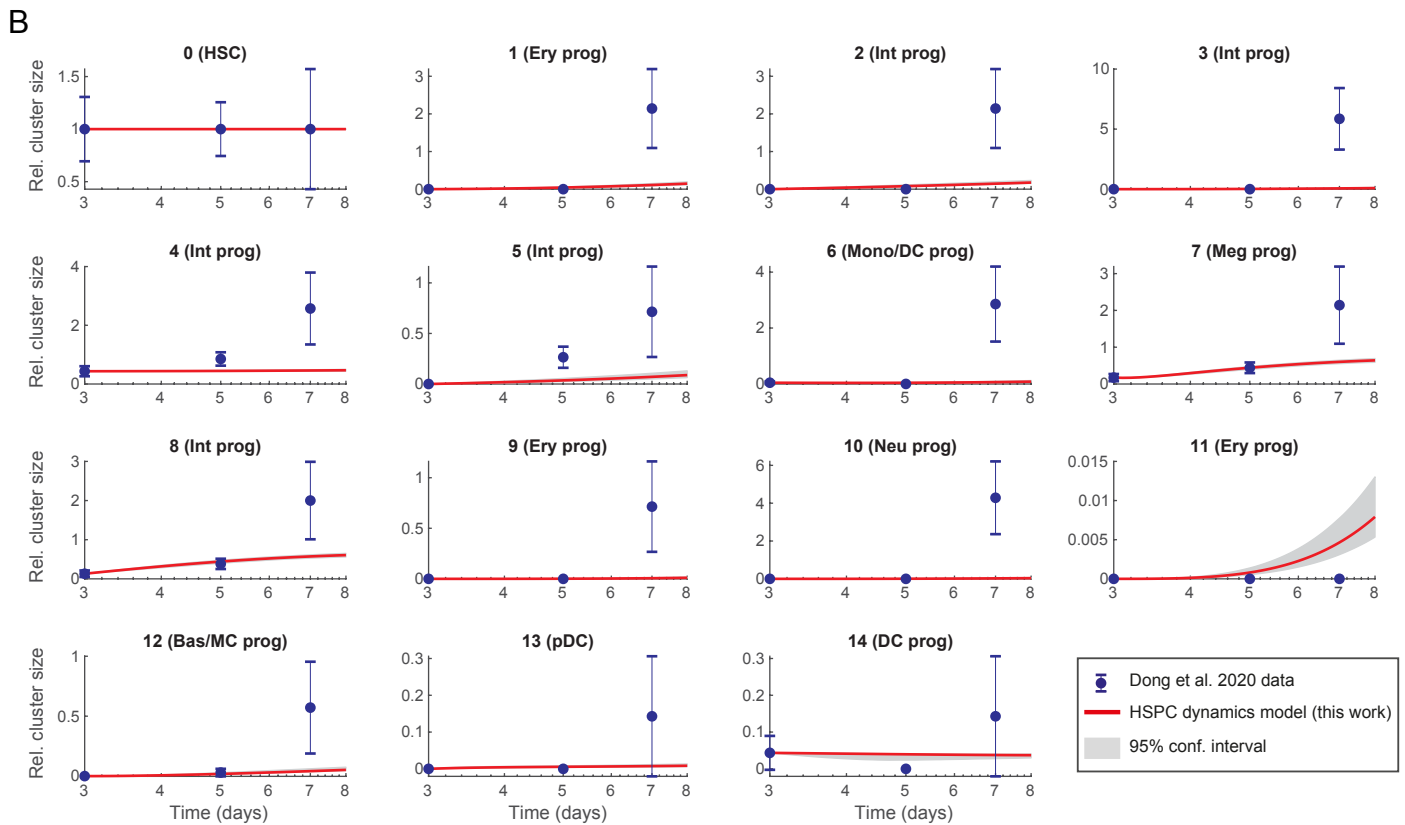
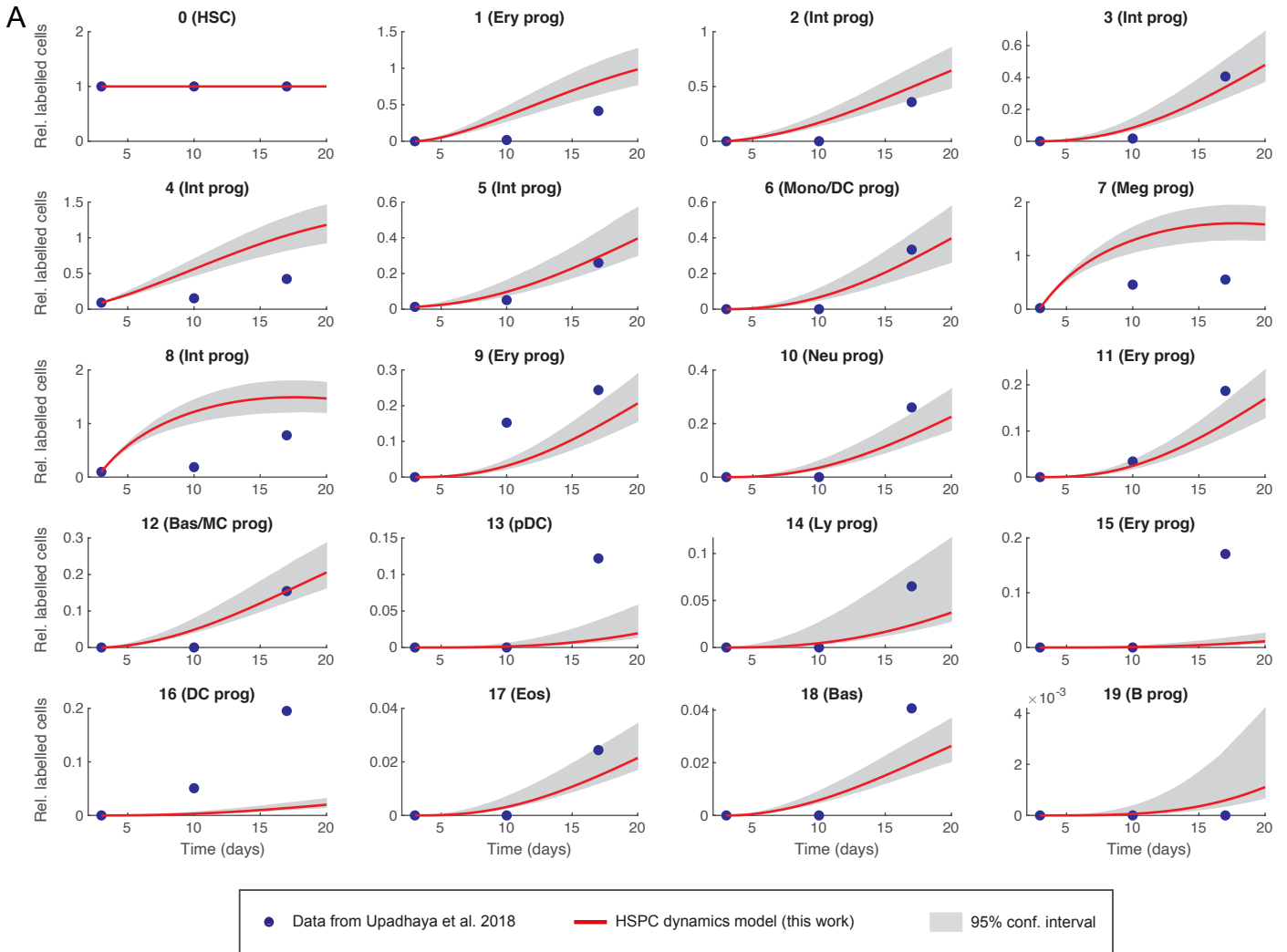


Figure S1

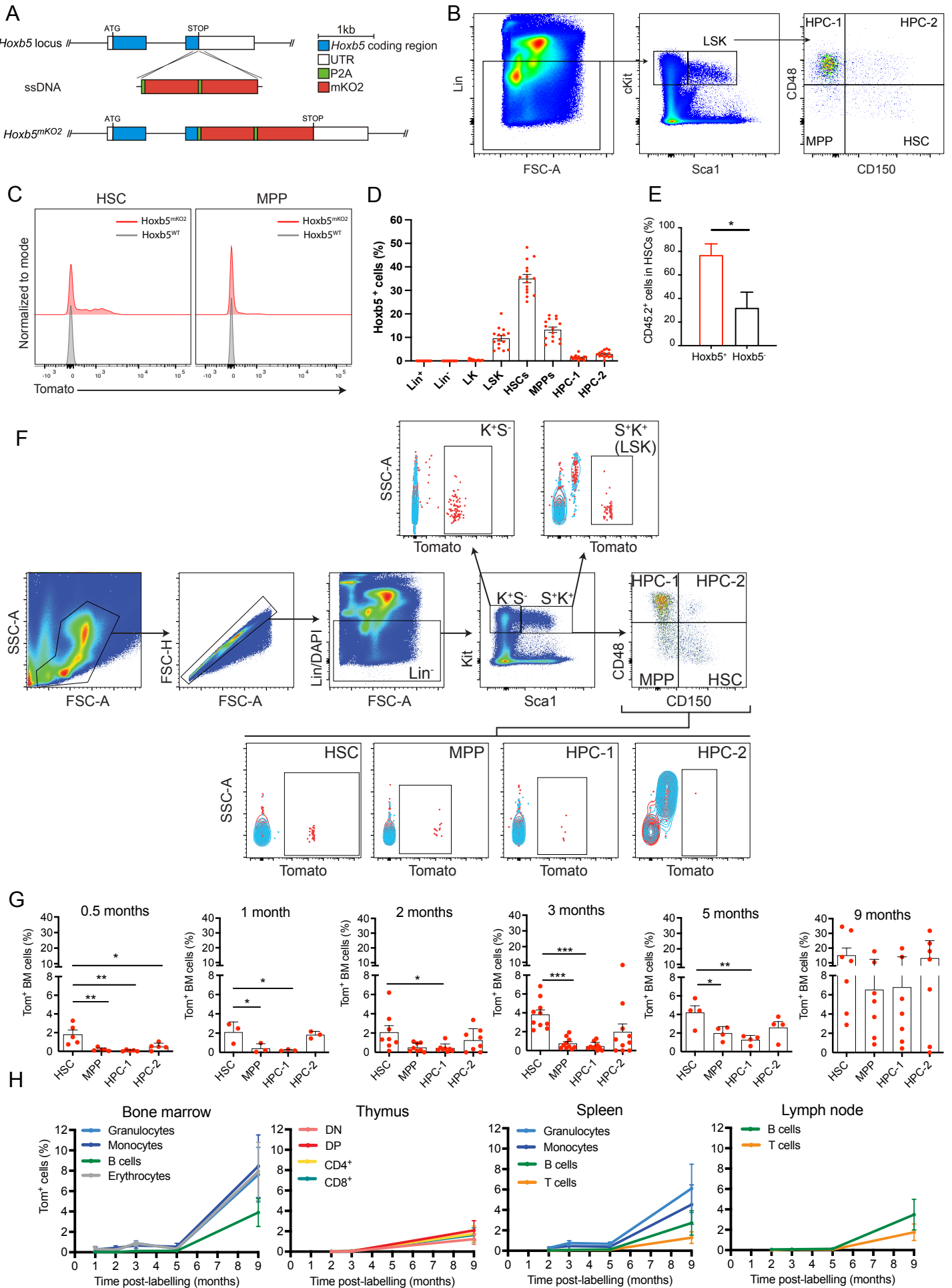


Figure S2

Figure S2

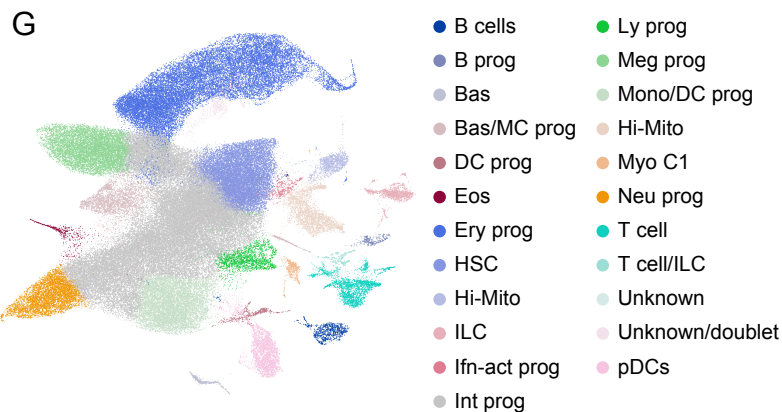
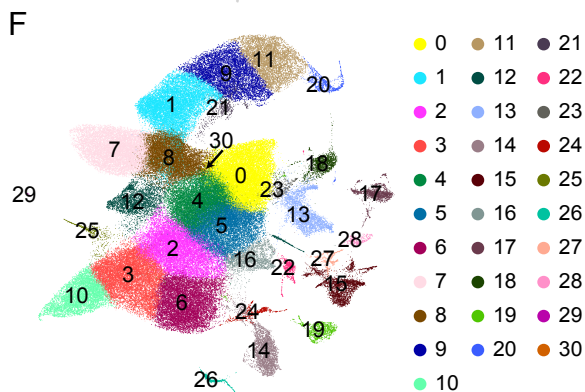
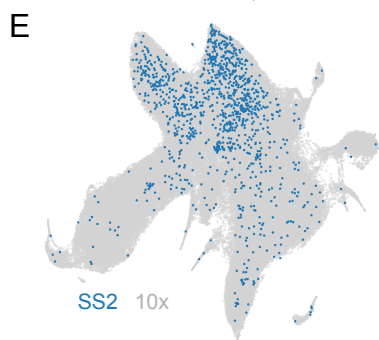
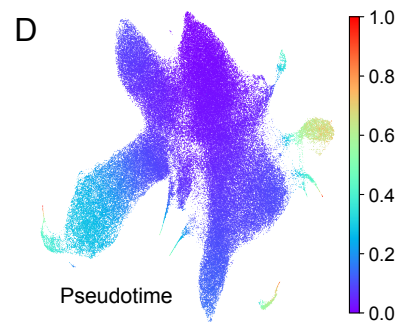
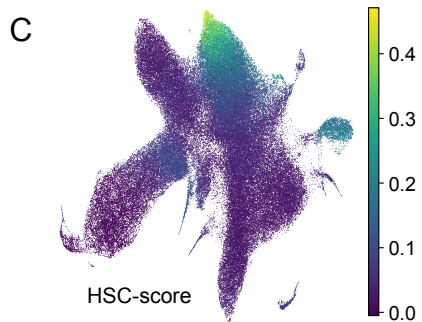
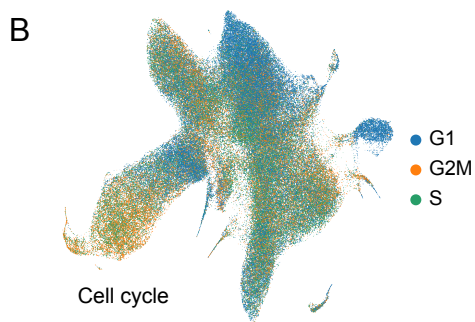
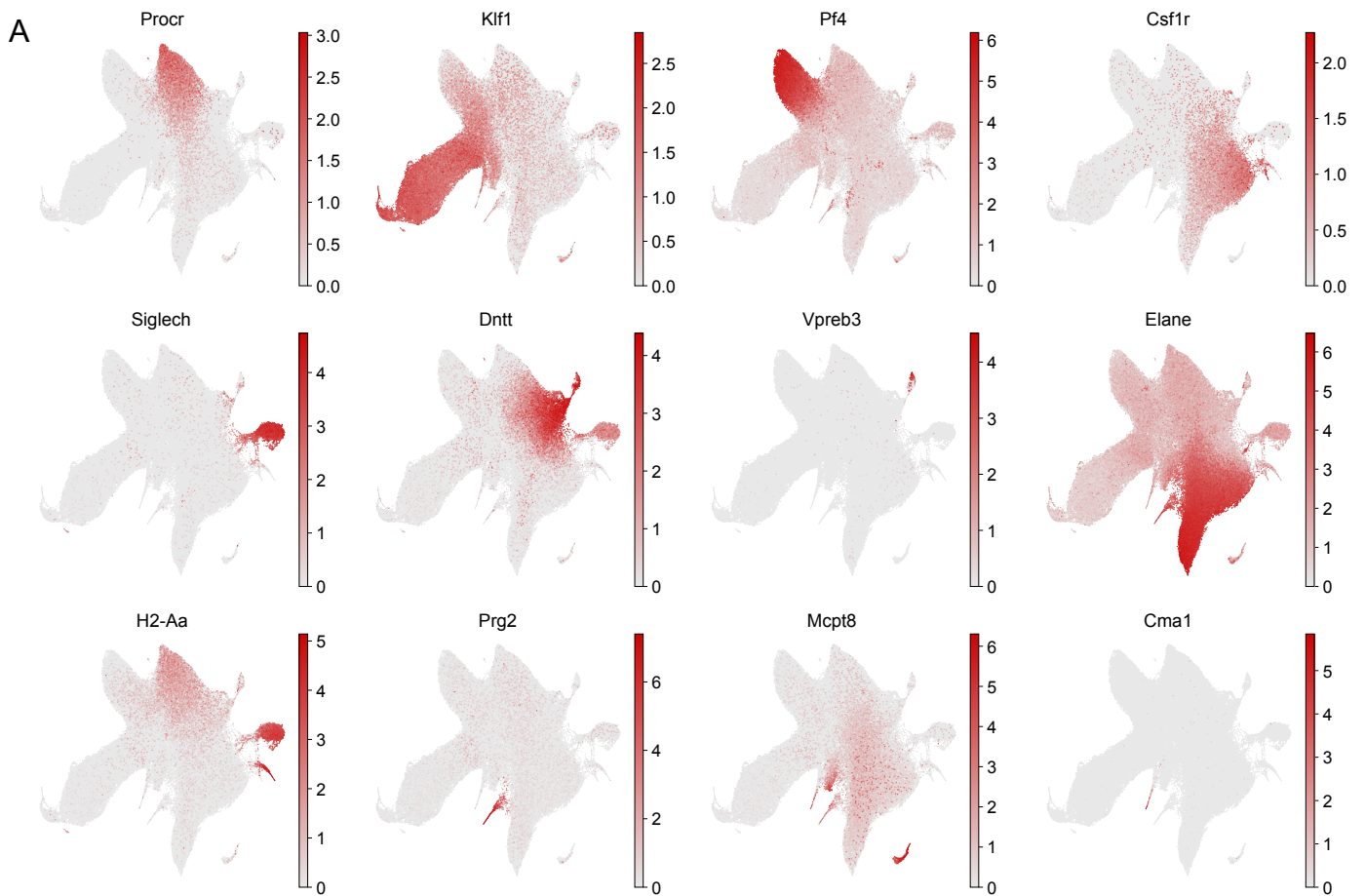


Figure S3

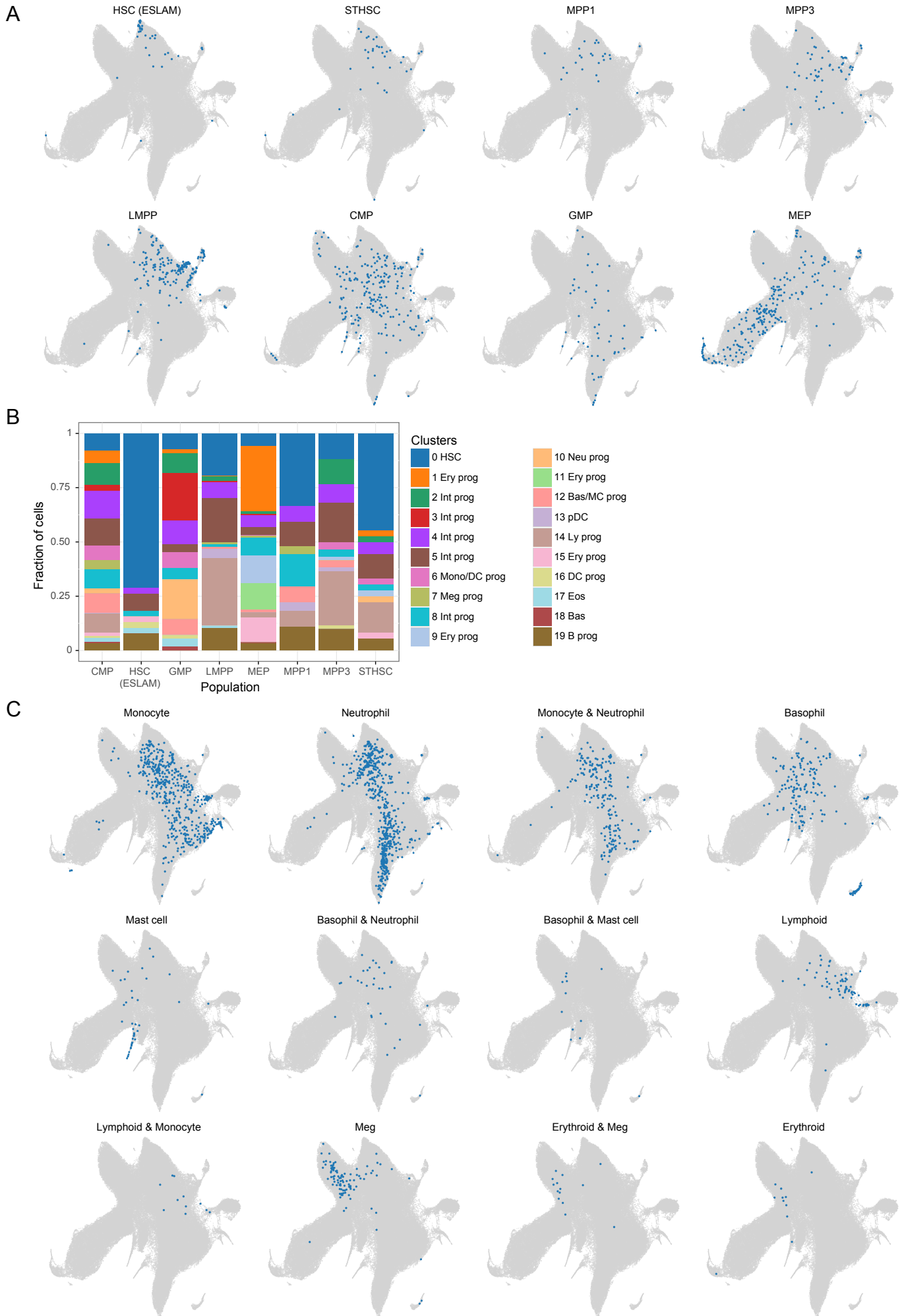


Figure S4

