Table S2 Table showing nomenclatured gene name locus ID detailed genomic information *B. distachyon* inbred lines MKKs.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inbred Lines | Gene Name | Locus ID | Orthologous genes in Bd21 | Orientation | ORF | No. of a.a | No. of introns | | 5’-3’ Coordinate | |
| EDF+ | | | | | | | | | | |
| Arn1 | Arn1MKK1 | Brdisv1Arn11008382m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:43639770..43645342 | |
|  | Arn1MKK3-1 | Brdisv1Arn11029799m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:36838773..36846773 | |
|  | Arn1MKK3-2 | Brdisv1Arn11045189m | Bradi1g41860 | - | 1572 | 523 | 9 | | pseudomolecule\_8:6389562..6405170 | |
|  | Arn1MKK3-3 | Brdisv1Arn11032740m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:8695377..8704945 | |
|  | Arn1MKK4 | Brdisv1Arn11039595m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:45840852..45843376 | |
|  | Arn1MKK5 | Brdisv1Arn11007617m | Bradi1g46880 | - | 1038 | 345 | 1 | | pseudomolecule\_1:39847696..39851797 | |
|  | Arn1MKK6 | Brdisv1Arn11012644m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:64709887..64717315 | |
|  | Arn1MKK10-1 | Brdisv1Arn11001761m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7832777..7834238 | |
|  | Arn1MKK10-2 | Brdisv1Arn11011731m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:60934374..60936234 | |
|  | Arn1MKK10-3 | Brdisv1Arn11001664m | Bradi1g10800 | - | 1035 | 344 | 0 | | pseudomolecule\_1:7200312..7201760 | |
|  | Arn1MKK10-4 | Brdisv1Arn11001661m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7169402..7170837 | |
|  | Arn1MKK10-5 | Brdisv1Arn11001663m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7194540..7196669 | |
| Mon3 | Mon3MKK1 | Brdisv1Mon31007821m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:37613592..37619164 | |
|  | Mon3MKK3-1 | Brdisv1Mon31028015m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:31807563..31815563 | |
|  | Mon3MKK3-2 | Brdisv1Mon31041467m | Bradi1g41860 | - | 1572 | 523 | 9 | | pseudomolecule\_8:6258504..6274112 | |
|  | Mon3MKK3-3 | Brdisv1Mon31030882m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:8420252..8429820 | |
|  | Mon3MKK4 | Brdisv1Mon31036999m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:39310935..39313454 | |
|  | Mon3MKK5 | Brdisv1Mon31007144m | Bradi1g46880 | - | 1038 | 345 | 1 | | pseudomolecule\_1:34555528..34559629 | |
|  | Mon3MKK6 | Brdisv1Mon31011751m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:55573721..55581149 | |
|  | Mon3MKK10-1 | Brdisv1Mon31001734m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7498008..7499469 | |
|  | Mon3MKK10-2 | Brdisv1Mon31010898m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:52130166..52132026 | |
|  | Mon3MKK10-3 | Brdisv1Mon31042680m | Bradi1g10800 | - | 1035 | 344 | 0 | | pseudomolecule\_8:24325893..24327341 | |
|  | Mon3MKK10-4 | Brdisv1Mon31001638m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6943656..6945091 | |
|  | Mon3MKK10-5 | Brdisv1Mon31043288m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_8:34019384..34021442 | |
| Bd1-1 | Bd1-1MKK1 | Brdisv1Bd1-11007340m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:33438309..33443874 | |
|  | Bd1-1MKK3-1 | Brdisv1Bd1-11034555m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:25125133..25133133 | |
|  | Bd1-1MKK3-2 | Brdisv1Bd1-11040480m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_6:11267336..11283825 | |
|  | Bd1-1MKK3-3 | Brdisv1Bd1-11022429m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:7807458..7817025 | |
|  | Bd1-1MKK4 | Brdisv1Bd1-11028128m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:34197203..34199722 | |
|  | Bd1-1MKK5 | Brdisv1Bd1-11006672m | Bradi1g46880 | - | 768 | 255 | 1 | | pseudomolecule\_1:30699586..30703309 | |
|  | Bd1-1MKK6 | Brdisv1Bd1-11011292m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:51497281..51504688 | |
|  | Bd1-1MKK10-1 | Brdisv1Bd1-11001714m | Bradi1g11525 | + | 1044 | 347 | 0 | | pseudomolecule\_1:7498905..7500366 | |
|  | Bd1-1MKK10-2 | Brdisv1Bd1-11010351m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:47667016..47668876 | |
|  | Bd1-1MKK10-3 | Brdisv1Bd1-11001621m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6994373..6995821 | |
|  | Bd1-1MKK10-4 | Brdisv1Bd1-11001619m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6975054..6976489 | |
|  | Bd1-1MKK10-5 | Brdisv1Bd1-11041771m | Bradi1g10790 | - | 981 | 326 | 0 | | pseudomolecule\_6:19795096..19795313 | |
| ABR9 | ABR9MKK1 | Brdisv1ABR9\_r1008255m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:43811322..43816893 | |
|  | ABR9MKK3-1 | Brdisv1ABR9\_r1023443m | Bradi4g39490 | + | 1572 | 523 | 8 | | pseudomolecule\_3:37815469..37821109 | |
|  | ABR9MKK3-2 | Brdisv1ABR9\_r1034151m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:3304600..3321089 | |
|  | ABR9MKK3-3 | Brdisv1ABR9\_r1025291m | Bradi3g11260 | - | 1551 | 516 | 8 | | pseudomolecule\_4:9449428..9457476 | |
|  | ABR9MKK4 | Brdisv1ABR9\_r1029250m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:45498080..45499583 | |
|  | ABR9MKK5 | Brdisv1ABR9\_r1007521m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:39962017..39966111 | |
|  | ABR9MKK6 | Brdisv1ABR9\_r1012651m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:65466967..65474407 | |
|  | ABR9MKK10-1 | Brdisv1ABR9\_r1001822m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8096984..8098445 | |
|  | ABR9MKK10-2 | Brdisv1ABR9\_r1011727m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:61726238..61728098 | |
|  | ABR9MKK10-3 | Brdisv1ABR9\_r1001726m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7511583..7513031 | |
|  | ABR9MKK10-4 | Brdisv1ABR9\_r1001722m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7443796..7445231 | |
|  | ABR9MKK10-5 | Brdisv1ABR9\_r1001725m | Bradi1g10790 | - | 999 | 332 | 1 | | pseudomolecule\_1:7472578..7477190 | |
| Bd29-1 | Bd29-1MKK1 | Brdisv1Bd29-11006851m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:29183009..29188574 | |
|  | Bd29-1MKK3-1 | Brdisv1Bd29-11024808m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:23513265..23521265 | |
|  | Bd29-1MKK3-2 | Brdisv1Bd29-11037603m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_8:4349276..4365699 | |
|  | Bd29-1MKK3-3 | Brdisv1Bd29-11005448m | Bradi3g11260 | - | 1338 | 445 | 6 | | pseudomolecule\_1:22666575..22672313 | |
|  | Bd29-1MKK4 | Brdisv1Bd29-11032652m | Bradi3g53650 | + | 426 | 141 | 1 | | pseudomolecule\_4:30470176..30471405 | |
|  | Bd29-1MKK5 | Brdisv1Bd29-11006252m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:26702968..26707062 | |
|  | Bd29-1MKK6 | Brdisv1Bd29-11010393m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:44073653..44081060 | |
|  | Bd29-1MKK10-1 | Brdisv1Bd29-11001549m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6238190..6239651 | |
|  | Bd29-1MKK10-2 | Brdisv1Bd29-11009613m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:40999697..41001557 | |
|  | Bd29-1MKK10-3 | Brdisv1Bd29-11001467m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:5818679..5820127 | |
|  | Bd29-1MKK10-4 | Brdisv1Bd29-11001465m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:5798907..5800342 | |
|  | Bd29-1MKK10-5 | Brdisv1Bd29-11016615m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_2:24658894..24661023 | |
| Tek-4 | Tek-4MKK1 | Brdisv1Tek-41004208m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:14196598..14201622 | |
|  | Tek-4MKK3-1 | Brdisv1Tek-41038463m | Bradi4g39490 | + | 561 | 186 | 4 | | pseudomolecule\_8:83792394..83794870 | |
|  | Tek-4MKK3-2 | Brdisv1Tek-41026595m | Bradi1g41860 | + | 1023 | 340 | 6 | | pseudomolecule\_8:18271693..18281442 | |
|  | Tek-4MKK3-3 | Brdisv1Tek-41017143m | Bradi3g11260 | - | 693 | 230 | 4 | | pseudomolecule\_4:3794568..3799188 | |
|  | Tek-4MKK4 | Brdisv1Tek-41001069m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_1:3292037..3294556 | |
|  | Tek-4MKK5 | Brdisv1Tek-41003815m | Bradi1g46880 | - | 984 | 327 | 0 | | pseudomolecule\_1:12941007..12942379 | |
|  | Tek-4MKK6 | Brdisv1Tek-41006374m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:21569749..21577156 | |
|  | Tek-4MKK10-1 | Brdisv1Tek-41001123m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:3526986..3528447 | |
|  | Tek-4MKK10-2 | Brdisv1Tek-41001073m | Bradi1g69400 | + | 579 | 192 | 0 | | pseudomolecule\_1:3309057..3310517 | |
|  | Tek-4MKK10-3 | Brdisv1Tek-41001076m | Bradi1g10800 | - | 1035 | 344 | 0 | | pseudomolecule\_1:3317630..3319078 | |
|  | Tek-4MKK10-4 | Brdisv1Tek-41001074m | Bradi1g10770 | + | 891 | 296 | 2 | | pseudomolecule\_1:3311753..3315957 | |
| BdTR7a | BdTR7aMKK1 | Brdisv1BdTR7a1008412m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:41996239..42001804 | |
|  | BdTR7aMKK3-1 | Brdisv1BdTR7a1029605m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:33554503..33562503 | |
|  | BdTR7aMKK3-2 | Brdisv1BdTR7a1006778m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:32918697..32935186 | |
|  | BdTR7aMKK3-3 | Brdisv1BdTR7a1032485m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:8437921..8447490 | |
|  | BdTR7aMKK4 | Brdisv1BdTR7a1006916m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_1:33843911..33846430 | |
|  | BdTR7aMKK5 | Brdisv1BdTR7a1007645m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:38304271..38308365 | |
|  | BdTR7aMKK6 | Brdisv1BdTR7a1012554m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:62224402..62232099 | |
|  | BdTR7aMKK10-1 | Brdisv1BdTR7a1001914m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8586893..8588354 | |
|  | BdTR7aMKK10-2 | Brdisv1BdTR7a1011719m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:58844924..58846784 | |
|  | BdTR7aMKK10-3 | Brdisv1BdTR7a1001789m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7925580..7927028 | |
|  | BdTR7aMKK10-4 | Brdisv1BdTR7a1001786m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7881168..7882603 | |
|  | BdTR7aMKK10-5 | Brdisv1BdTR7a1001788m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7906358..7908487 | |
| Tek-2 | Tek-2MKK1 | Brdisv1Tek-21007638m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:32859230..32864795 | |
|  | Tek-2MKK3-1 | Brdisv1Tek-21027306m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:25474896..25482898 | |
|  | Tek-2MKK3-2 | Brdisv1Tek-21041684m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:5736133..5752622 | |
|  | Tek-2MKK3-3 | Brdisv1Tek-21030208m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:7950281..7959816 | |
|  | Tek-2MKK4 | Brdisv1Tek-21036177m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:33777076..33779595 | |
|  | Tek-2MKK5 | Brdisv1Tek-21006949m | Bradi1g46880 | - | 1032 | 343 | | 1 | | pseudomolecule\_1:30073004..30077097 | |
|  | Tek-2MKK6 | Brdisv1Tek-21011633m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:49940288..49947694 | |
|  | Tek-2MKK10-1 | Brdisv1Tek-21001708m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7131222..7132683 | |
|  | Tek-2MKK10-2 | Brdisv1Tek-21010712m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:46321447..46323307 | |
|  | Tek-2MKK10-3 | Brdisv1Tek-21001622m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6651456..6652904 | |
|  | Tek-2MKK10-4 | Brdisv1Tek-21001619m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6629311..6630746 | |
|  | Tek-2MKK10-5 | Brdisv1Tek-21001621m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:6640156..6642285 | |
| BdTR8i | BdTR8iMKK1 | Brdisv1BdTR8i1007987m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:41272898..41278463 | |
|  | BdTR8iMKK3-1 | Brdisv1BdTR8i1037957m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:33731461..33739463 | |
|  | BdTR8iMKK3-2 | Brdisv1BdTR8i1006485m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:32702700..32719162 | |
|  | BdTR8iMKK3-3 | Brdisv1BdTR8i1024401m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:8647449..8656984 | |
|  | BdTR8iMKK4 | Brdisv1BdTR8i1030790m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:43200609..43203128 | |
|  | BdTR8iMKK5 | Brdisv1BdTR8i1007289m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:37746825..37750918 | |
|  | BdTR8iMKK6 | Brdisv1BdTR8i1012248m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:62324411..62331817 | |
|  | BdTR8iMKK10-1 | Brdisv1BdTR8i1001797m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7951091..7952552 | |
|  | BdTR8iMKK10-2 | Brdisv1BdTR8i1011347m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:58581341..58583201 | |
|  | BdTR8iMKK10-3 | Brdisv1BdTR8i1001692m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7357413..7358861 | |
|  | BdTR8iMKK10-4 | Brdisv1BdTR8i1001690m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7308136..7309571 | |
|  | BdTR8iMKK10-5 | Brdisv1BdTR8i1044418m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_6:25945369..25947498 | |
| T+ | | | | | | | | | | |
| Bd21 | BdMKK1 | Bradi1g51000 | - | - | 1047 | 348 | 8 | | 49443017 - 49446304 | |
|  | BdMKK3-1 | Bradi4g39490 | - | - | 1572 | 523 | 9 | | 44107411 - 44111847 | |
|  | BdMKK3-2 | Bradi1g41860 | - | + | 1572 | 523 | 10 | | 38580168 - 38590500 | |
|  | BdMKK3-3 | Bradi3g11260 | - | + | 1704 | 568 | 9 | | 9689290 - 9697559 | |
|  | BdMKK4 | Bradi3g53650 | - | - | 1074 | 357 | 0 | | 54258852 - 54260320 | |
|  | BdMKK5 | Bradi1g46880 | - | + | 1032 | 343 | 0 | | 45433080 - 45434736 | |
|  | BdMKK6 | Bradi1g75150 | - | - | 1071 | 356 | 7 | | 72118481 - 72123498 | |
|  | BdMKK10-1 | Bradi1g11525 | - | + | 1044 | 347 | 0 | | 8573765 - 8574808 | |
|  | BdMKK10-2 | Bradi1g69400 | - | - | 1023 | 341 | 0 | | 67832493 - 67833815 | |
|  | BdMKK10-3 | Bradi1g10800 | - | - | 1035 | 344 | 0 | | 7865287 - 7866321 | |
|  | BdMKK10-4 | Bradi1g10770 | - | - | 1026 | 341 | 0 | | 7809375 - 7810400 | |
|  | BdMKK10-5 | Bradi1g10790 | - | + | 999 | 332 | 0 | | 7835644 - 7836642 | |
| Bd21-3 | Bd21-3MKK1 | Brdisv1Bd21-3\_r1008133m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:44168003..44173037 | |
|  | Bd21-3MKK3-1 | Brdisv1Bd21-3\_r1038149m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:36720925..36728927 | |
|  | Bd21-3MKK3-2 | Brdisv1Bd21-3\_r1006624m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:34533722..34550214 | |
|  | Bd21-3MKK3-3 | Brdisv1Bd21-3\_r1024469m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_3:9237852..9247282 | |
|  | Bd21-3MKK4 | Brdisv1Bd21-3\_r1030936m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:47163826..47166345 | |
|  | Bd21-3MKK5 | Brdisv1Bd21-3\_r1007409m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:40265870..40269959 | |
|  | Bd21-3MKK6 | Brdisv1Bd21-3\_r1012124m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:65798015..65805455 | |
|  | Bd21-3MKK10-1 | Brdisv1Bd21-3\_r1001769m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8110055..8111516 | |
|  | Bd21-3MKK10-2 | Brdisv1Bd21-3\_r1011270m | Bradi1g69400 | + | 1023 | 340 | 0 | | pseudomolecule\_1:61915942..61917794 | |
|  | Bd21-3MKK10-3 | Brdisv1Bd21-3\_r1001669m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7474752..7476200 | |
|  | Bd21-3MKK10-4 | Brdisv1Bd21-3\_r1001667m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7438777..7440212 | |
|  | Bd21-3MKK10-5 | Brdisv1Bd21-3\_r1043789m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_6:9124412..9126541 | |
| Bd3-1 | Bd3-1MKK1 | Brdisv1Bd3-1\_r1006392m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:31746617..31752181 | |
|  | Bd3-1MKK3-1 | Brdisv1Bd3-1\_r1029979m | Bradi4g39490 | + | 1572 | 523 | 10 | | pseudomolecule\_4:22985777..22993538 | |
|  | Bd3-1MKK3-2 | Brdisv1Bd3-1\_r1035942m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:15866770..15883261 | |
|  | Bd3-1MKK3-3 | Brdisv1Bd3-1\_r1010293m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_2:752204..761634 | |
|  | Bd3-1MKK4 | Brdisv1Bd3-1\_r1024627m | Bradi3g53650 | + | 378 | 125 | 0 | | pseudomolecule\_3:32069807..32070906 | |
|  | Bd3-1MKK6 | Brdisv1Bd3-1\_r1009660m | Bradi1g75150 | - | 1071 | 356 | 7 | | pseudomolecule\_1:48044672..48051866 | |
|  | Bd3-1MKK10-3 | Brdisv1Bd3-1\_r1006471m | Bradi1g10800 | + | 783 | 260 | 1 | | pseudomolecule\_1:32140066..32141663 | |
| Bd2-3 | Bd2-3MKK1 | Brdisv1Bd2-31007550m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:32464939..32469973 | |
|  | Bd2-3MKK3-1 | Brdisv1Bd2-31026929m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:25568815..25576817 | |
|  | Bd2-3MKK3-2 | Brdisv1Bd2-31040703m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_8:3099796..3116288 | |
|  | Bd2-3MKK3-3 | Brdisv1Bd2-31029786m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:7850196..7859626 | |
|  | Bd2-3MKK4 | Brdisv1Bd2-31001621m | Bradi3g53650 | - | 882 | 293 | 0 | | pseudomolecule\_1:6369809..6371773 | |
|  | Bd2-3MKK5 | Brdisv1Bd2-31001622m | Bradi1g46880 | - | 993 | 330 | 2 | | pseudomolecule\_1:6374512..6378669 | |
|  | Bd2-3MKK6 | Brdisv1Bd2-31011337m | Bradi1g75150 | + | 786 | 261 | 5 | | pseudomolecule\_1:48371340..48377176 | |
|  | Bd2-3MKK10-1 | Brdisv1Bd2-31001731m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6908118..6909579 | |
|  | Bd2-3MKK10-2 | Brdisv1Bd2-31010489m | Bradi1g69400 | + | 1023 | 340 | 0 | | pseudomolecule\_1:45211806..45213658 | |
|  | Bd2-3MKK10-3 | Brdisv1Bd2-31001625m | Bradi1g10800 | + | 1029 | 342 | 1 | | pseudomolecule\_1:6387485..6388976 | |
|  | Bd2-3MKK10-4 | Brdisv1Bd2-31001617m | Bradi1g10770 | + | 1023 | 340 | 1 | | pseudomolecule\_1:6340600..6342109 | |
|  | Bd2-3MKK10-5 | Brdisv1Bd2-31001619m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:6359003..6361132 | |
| Adi-10 | Adi-10MKK1 | Brdisv1Adi-101005559m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:23482509..23487543 | |
|  | Adi-10MKK3-1 | Brdisv1Adi-101020471m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:18873552..18882036 | |
|  | Adi-10MKK3-2 | Brdisv1Adi-101031183m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:2549452..2565944 | |
|  | Adi-10MKK3-3 | Brdisv1Adi-101022600m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:5817606..5827036 | |
|  | Adi-10MKK4 | Brdisv1Adi-101022194m | Bradi3g53650 | + | 624 | 207 | 0 | | pseudomolecule\_4:3983117..3984703 | |
|  | Adi-10MKK5 | Brdisv1Adi-101005080m | Bradi1g46880 | - | 531 | 176 | 0 | | pseudomolecule\_1:21596893..21597635 | |
|  | Adi-10MKK6 | Brdisv1Adi-101008538m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:35608515..35615794 | |
|  | Adi-10MKK10-1 | Brdisv1Adi-101039188m | Bradi1g11525 | - | 1032 | 343 | 2 | | pseudomolecule\_7:70447867..70453678 | |
|  | Adi-10MKK10-2 | Brdisv1Adi-101007868m | Bradi1g69400 | + | 579 | 192 | 2 | | pseudomolecule\_1:33031261..33032395 | |
|  | Adi-10MKK10-5 | Brdisv1Adi-101038807m | Bradi1g10790 | + | 621 | 206 | 1 | | pseudomolecule\_7:65830668..65832452 | |
| BdTR12c | BdTR12cMKK1 | Brdisv1BdTR12c1007536m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:32452529..32457276 | |
|  | BdTR12cMKK3-1 | Brdisv1BdTR12c1026819m | Bradi4g39490 | + | 987 | 328 | 6 | | pseudomolecule\_3:25198660..25202766 | |
|  | BdTR12cMKK3-2 | Brdisv1BdTR12c1042600m | Bradi1g41860 | + | 1008 | 335 | 7 | | pseudomolecule\_8:22310596..22319428 | |
|  | BdTR12cMKK3-3 | Brdisv1BdTR12c1029700m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8042720..8052150 | |
|  | BdTR12cMKK4 | Brdisv1BdTR12c1001607m | Bradi3g53650 | + | 957 | 318 | 1 | | pseudomolecule\_1:6465356..6467972 | |
|  | BdTR12cMKK5 | Brdisv1BdTR12c1006838m | Bradi1g46880 | - | 927 | 308 | 2 | | pseudomolecule\_1:29474546..2947872 | |
|  | BdTR12cMKK6 | Brdisv1BdTR12c1011459m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:49356125..49363565 | |
|  | BdTR12cMKK10-1 | Brdisv1BdTR12c1001730m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7046027..7047488 | |
|  | BdTR12cMKK10-2 | Brdisv1BdTR12c1010624m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:46206345..46208205 | |
|  | BdTR12cMKK10-3 | Brdisv1BdTR12c1001612m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6498883..6500331 | |
|  | BdTR12cMKK10-4 | Brdisv1BdTR12c1001599m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6441347..6442782 | |
|  | BdTR12cMKK10-5 | Brdisv1BdTR12c1001601m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1: 6452602-6453600 | |
| Adi-2 | Adi-2MKK1 | Brdisv1Adi-21008032m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:38076005..38081039 | |
|  | Adi-2MKK3-1 | Brdisv1Adi-21029486m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:32065487..32073489 | |
|  | Adi-2MKK3-2 | Brdisv1Adi-21044561m | Bradi1g41860 | + | 1572 | 523 | 9 | | pseudomolecule\_8:4353998..4370483 | |
|  | Adi-2MKK3-3 | Brdisv1Adi-21032560m | Bradi3g11260 | - | 1785 | 594 | 10 | | pseudomolecule\_4:9070540..9079970 | |
|  | Adi-2MKK4 | Brdisv1Adi-21006537m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_1:30337692..30340211 | |
|  | Adi-2MKK5 | Brdisv1Adi-21007328m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:34876359..34880448 | |
|  | Adi-2MKK6 | Brdisv1Adi-21012376m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:58058495..58065935 | |
|  | Adi-2MKK10-1 | Brdisv1Adi-21001745m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7327728..7329189 | |
|  | Adi-2MKK10-2 | Brdisv1Adi-21011441m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:54368687..54370547 | |
|  | Adi-2MKK10-3 | Brdisv1Adi-21001643m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6729429..6730877 | |
|  | Adi-2MKK10-4 | Brdisv1Adi-21001640m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6694320..6695755 | |
|  | Adi-2MKK10-5 | Brdisv1Adi-21001642m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:6714021..6716150 | |
| Adi-12 | Adi-12MKK1 | Brdisv1Adi-121007566m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:33030004..33035038 | |
|  | Adi-12MKK3-1 | Brdisv1Adi-121026937m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:25905849..25913851 | |
|  | Adi-12MKK3-2 | Brdisv1Adi-121040653m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:3148980..3165472 | |
|  | Adi-12MKK3-3 | Brdisv1Adi-121029689m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:7765671..7775101 | |
|  | Adi-12MKK4 | Brdisv1Adi-121001565m | Bradi3g53650 | + | 879 | 292 | 1 | | pseudomolecule\_1:6334223..6336770 | |
|  | Adi-12MKK5 | Brdisv1Adi-121001563m | Bradi1g46880 | - | 933 | 310 | 2 | | pseudomolecule\_1:6317299..6321415 | |
|  | Adi-12MKK6 | Brdisv1Adi-121011367m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:49434246..49441513 | |
|  | Adi-12MKK10-1 | Brdisv1Adi-121001666m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6869447..6870908 | |
|  | Adi-12MKK10-2 | Brdisv1Adi-121010560m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:46271784..46273644 | |
|  | Adi-12MKK10-3 | Brdisv1Adi-121001567m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6350895..6352343 | |
|  | Adi-12MKK10-4 | Brdisv1Adi-121001560m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6297224..6298659 | |
|  | Adi-12MKK10-5 | Brdisv1Adi-121001564m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:6330451..6332580 | |
| BdTR9k | BdTR9kMKK1 | Brdisv1BdTR9K1007081m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:29804842..29809876 | |
|  | BdTR9kMKK3-1 | Brdisv1BdTR9K1025659m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:23685877..23693879 | |
|  | BdTR9kMKK3-2 | Brdisv1BdTR9K1038970m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:5561509..5577995 | |
|  | BdTR9kMKK3-3 | Brdisv1BdTR9K1028259m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:7197557..7206987 | |
|  | BdTR9kMKK4 | Brdisv1BdTR9K1033576m | Bradi3g53650 | + | 768 | 255 | 0 | | pseudomolecule\_4:29978013..29980607 | |
|  | BdTR9kMKK5 | Brdisv1BdTR9K1006454m | Bradi1g46880 | - | 933 | 310 | 2 | | pseudomolecule\_1:27258179..27262337 | |
|  | BdTR9kMKK6 | Brdisv1BdTR9K1010742m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:45281319..45288759 | |
|  | BdTR9kMKK10-1 | Brdisv1BdTR9K1001602m | Bradi1g11525 | - | 966 | 321 | 1 | | pseudomolecule\_1:6606501..6607982 | |
|  | BdTR9kMKK10-2 | Brdisv1BdTR9K1009908m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:42085228..42087088 | |
|  | BdTR9kMKK10-3 | Brdisv1BdTR9K1001500m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6155070..6156518 | |
|  | BdTR9kMKK10-4 | Brdisv1BdTR9K1001494m | Bradi1g10770 | + | 1023 | 340 | 1 | | pseudomolecule\_1:6125484..6126993 | |
|  | BdTR9kMKK10-5 | Brdisv1BdTR9K1001498m | Bradi1g10790 | + | 567 | 188 | 1 | | pseudomolecule\_1:6144826..6146492 | |
| Kah-1 | Kah-1MKK1 | Brdisv1Kah-11006282m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:25403457..25408491 | |
|  | Kah-1MKK3-1 | Brdisv1Kah-11030282m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:19776730..19784764 | |
|  | Kah-1MKK3-2 | Brdisv1Kah-11035802m | Bradi1g41860 | - | 1227 | 408 | 8 | | pseudomolecule\_7:11786250..11796432 | |
|  | Kah-1MKK3-3 | Brdisv1Kah-11005087m | Bradi3g11260 | - | 1344 | 447 | 6 | | pseudomolecule\_1:20316886..20322501 | |
|  | Kah-1MKK4 | Brdisv1Kah-11019242m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:4812150..4814670 | |
|  | Kah-1MKK5 | Brdisv1Kah-11005707m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:23195434..23201727 | |
|  | Kah-1MKK6 | Brdisv1Kah-11009516m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:38524374..38531781 | |
|  | Kah-1MKK10-1 | Brdisv1Kah-11001501m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:5965371..5966832 | |
|  | Kah-1MKK10-2 | Brdisv1Kah-11008762m | Bradi1g69400 | + | 1026 | 341 | 0 | | pseudomolecule\_1:35744625..35746480 | |
|  | Kah-1MKK10-3 | Brdisv1Kah-11001427m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:5602230..5603678 | |
|  | Kah-1MKK10-4 | Brdisv1Kah-11001420m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:5555229..5556664 | |
|  | Kah-1MKK10-5 | Brdisv1Kah-11001422m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:5563295..5565424 | |
| Kah-5 | Kah-5MKK1 | Brdisv1Kah-51008203m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:37916810..37921844 | |
|  | Kah-5MKK3-1 | Brdisv1Kah-51029647m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:31499218..31507220 | |
|  | Kah-5MKK3-2 | Brdisv1Kah-51044528m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_8:3547648..3564140 | |
|  | Kah-5MKK3-3 | Brdisv1Kah-51032682m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8840958..8850388 | |
|  | Kah-5MKK4 | Brdisv1Kah-51039016m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:39871679..39874198 | |
|  | Kah-5MKK5 | Brdisv1Kah-51007471m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:34748540..34752629 | |
|  | Kah-5MKK6 | Brdisv1Kah-51012549m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:57970763..57978203 | |
|  | Kah-5MKK10-1 | Brdisv1Kah-51001737m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7336545..7338006 | |
|  | Kah-5MKK10-2 | Brdisv1Kah-51011638m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:54452561..54454421 | |
|  | Kah-5MKK10-3 | Brdisv1Kah-51001629m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6702332..6703780 | |
|  | Kah-5MKK10-4 | Brdisv1Kah-51001626m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6667228..6668663 | |
|  | Kah-5MKK10-5 | Brdisv1Kah-51001628m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:6690167..6692296 | |
| BdTR5i | BdTR5iMKK1 | Brdisv1BdTR5I1007104m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:30099930..30104964 | |
|  | BdTR5iMKK3-1 | Brdisv1BdTR5I1025501m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:23310571..23318573 | |
|  | BdTR5iMKK3-2 | Brdisv1BdTR5I1038660m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_8:2662476..2678968 | |
|  | BdTR5iMKK3-3 | Brdisv1BdTR5I1028137m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:7054762..7064192 | |
|  | BdTR5iMKK4 | Brdisv1BdTR5I1027632m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:4873635..4876154 | |
|  | BdTR5iMKK5 | Brdisv1BdTR5I1006491m | Bradi1g46880 | - | 513 | 170 | 0 | | pseudomolecule\_1:27565294..27566012 | |
|  | BdTR5iMKK6 | Brdisv1BdTR5I1010763m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:45734500..45741940 | |
|  | BdTR5iMKK10-1 | Brdisv1BdTR5I1001606m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6428783..6430244 | |
|  | BdTR5iMKK10-2 | Brdisv1BdTR5I1009931m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:42549775..42551635 | |
|  | BdTR5iMKK10-3 | Brdisv1BdTR5I1001520m | Bradi1g10800 | + | 801 | 266 | 1 | | pseudomolecule\_1:6000846..6002142 | |
|  | BdTR5iMKK10-4 | Brdisv1BdTR5I1001517m | Bradi1g10770 | + | 1023 | 340 | 1 | | pseudomolecule\_1:5990893..5992402 | |
|  | BdTR5iMKK10-5 | Brdisv1BdTR5I1001515m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:5982275..5984404 | |
| BdTR10c | BdTR10cMKK1 | Brdisv1BdTR10C1006888m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:29810209..29815773 | |
|  | BdTR10cMKK3-1 | Brdisv1BdTR10C1033120m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:24226447..24234449 | |
|  | BdTR10cMKK3-2 | Brdisv1BdTR10C1038053m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_8:4388550..4405042 | |
|  | BdTR10cMKK3-3 | Brdisv1BdTR10C1021519m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_3:7142631..7152064 | |
|  | BdTR10cMKK4 | Brdisv1BdTR10C1021040m | Bradi3g53650 | + | 768 | 255 | 0 | | pseudomolecule\_3:4983049..4984685 | |
|  | BdTR10cMKK5 | Brdisv1BdTR10C1006269m | Bradi1g46880 | - | 540 | 179 | 0 | | pseudomolecule\_1:27383468..27384223 | |
|  | BdTR10cMKK6 | Brdisv1BdTR10C1010577m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:45486319..45493759 | |
|  | BdTR10cMKK10-1 | Brdisv1BdTR10C1001595m | Bradi1g11525 | - | 870 | 289 | 1 | | pseudomolecule\_1:6431213..6432661 | |
|  | BdTR10cMKK10-2 | Brdisv1BdTR10C1009777m | Bradi1g69400 | + | 579 | 192 | 0 | | pseudomolecule\_1:42393752..42395577 | |
|  | BdTR10cMKK10-3 | Brdisv1BdTR10C1040500m | Bradi1g10800 | - | 492 | 163 | 3 | | pseudomolecule\_8:27200877..27202113 | |
|  | BdTR10cMKK10-4 | Brdisv1BdTR10C1044301m | Bradi1g10770 | - | 624 | 207 | 0 | | pseudomolecule\_8:89440489..89441362 | |
|  | BdTR10cMKK10-5 | Brdisv1BdTR10C1041730m | Bradi1g10790 | + | 609 | 202 | 0 | | pseudomolecule\_8:40318684..40320027 | |
| BdTR11a | BdTR11aMKK1 | Brdisv1BdTR11A1007305m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:30302767..30308331 | |
|  | BdTR11aMKK3-1 | Brdisv1BdTR11A1026487m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:23471196..23479198 | |
|  | BdTR11aMKK3-2 | Brdisv1BdTR11A1042993m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_7:22005871..22022363 | |
|  | BdTR11aMKK3-3 | Brdisv1BdTR11A1029299m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:7340294..7349724 | |
|  | BdTR11aMKK4 | Brdisv1BdTR11A1034905m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:30985944..30988463 | |
|  | BdTR11aMKK5 | Brdisv1BdTR11A1006653m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:27829535..27833624 | |
|  | BdTR11aMKK6 | Brdisv1BdTR11A1011184m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:46108780..46116220 | |
|  | BdTR11aMKK10-1 | Brdisv1BdTR11A1001689m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6869918..6871379 | |
|  | BdTR11aMKK10-2 | Brdisv1BdTR11A1010326m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:42885901..42887761 | |
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|  | BdTR11aMKK10-4 | Brdisv1BdTR11A1001588m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6360902..6362337 | |
|  | BdTR11aMKK10-5 | Brdisv1BdTR11A1001590m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:6371103..6373232 | |
| BdTR11i | BdTR11iMKK1 | Brdisv1BdTR11I1007977m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:35654944..35660508 | |
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|  | BdTR11iMKK3-2 | Brdisv1BdTR11I1043285m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:3647519..3664011 | |
|  | BdTR11iMKK3-3 | Brdisv1BdTR11I1031672m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8707417..8716847 | |
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|  | BdTR11iMKK5 | Brdisv1BdTR11I1007275m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:32644659..32648748 | |
|  | BdTR11iMKK6 | Brdisv1BdTR11I1012108m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:53833599..53841039 | |
|  | BdTR11iMKK10-1 | Brdisv1BdTR11I1001760m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7242091..7243552 | |
|  | BdTR11iMKK10-2 | Brdisv1BdTR11I1011205m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:50322981..50324841 | |
|  | BdTR11iMKK10-3 | Brdisv1BdTR11I1001659m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6680518..6681966 | |
|  | BdTR11iMKK10-4 | Brdisv1BdTR11I1001643m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6609761..6611196 | |
|  | BdTR11iMKK10-5 | Brdisv1BdTR11I1001645m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:6625692..6627821 | |
| BdTR11g | BdTR11gMKK1 | Brdisv1BdTR11G1008252m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:39063017..39068581 | |
|  | BdTR11gMKK3-1 | Brdisv1BdTR11G1029451m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:31440522..31448524 | |
|  | BdTR11gMKK3-2 | Brdisv1BdTR11G1044565m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_7:4346071..4362563 | |
|  | BdTR11gMKK3-3 | Brdisv1BdTR11G1032411m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8673614..8683044 | |
|  | BdTR11gMKK4 | Brdisv1BdTR11G1038753m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:40258495..40261014 | |
|  | BdTR11gMKK5 | Brdisv1BdTR11G1007511m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:35840159..35844248 | |
|  | BdTR11gMKK6 | Brdisv1BdTR11G1012553m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:59021519..59028959 | |
|  | BdTR11gMKK10-1 | Brdisv1BdTR11G1001791m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7672072..7673533 | |
|  | BdTR11gMKK10-2 | Brdisv1BdTR11G1011611m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:55339772..55341632 | |
|  | BdTR11gMKK10-3 | Brdisv1BdTR11G1001687m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7014424..7015872 | |
|  | BdTR11gMKK10-4 | Brdisv1BdTR11G1001684m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6978480..6979915 | |
|  | BdTR11gMKK10-5 | Brdisv1BdTR11G1001686m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7001349..7003478 | |
| BdTR13c | BdTR13cMKK1 | Brdisv1BdTR13C1007320m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:31416425..31421459 | |
|  | BdTR13cMKK3-1 | Brdisv1BdTR13C1026262m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:24802980..24810982 | |
|  | BdTR13cMKK3-2 | Brdisv1BdTR13C1039819m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_8:2758880..2775372 | |
|  | BdTR13cMKK3-3 | Brdisv1BdTR13C1029001m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:7598147..7607580 | |
|  | BdTR13cMKK4 | Brdisv1BdTR13C1043199m | Bradi3g53650 | + | 1173 | 390 | 1 | | pseudomolecule\_8:35528775..35531527 | |
|  | BdTR13cMKK5 | Brdisv1BdTR13C1006669m | Bradi1g46880 | - | 933 | 310 | 2 | | pseudomolecule\_1:28806585..28810730 | |
|  | BdTR13cMKK6 | Brdisv1BdTR13C1011139m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:47718709..47726149 | |
|  | BdTR13cMKK10-1 | Brdisv1BdTR13C1001614m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6706068..6707529 | |
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|  | BdTR13cMKK10-3 | Brdisv1BdTR13C1001511m | Bradi1g10800 | + | 945 | 314 | 1 | | pseudomolecule\_1:6167696..6169377 | |
|  | BdTR13cMKK10-4 | Brdisv1BdTR13C1001502m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6106402..6107837 | |
|  | BdTR13cMKK10-5 | Brdisv1BdTR13C1001510m | Bradi1g10790 | - | 627 | 208 | 1 | | pseudomolecule\_1:6160854..6161940 | |
| BdTR13a | BdTR13aMKK1 | Brdisv1BdTR13a1008594m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:44821106..44826140 | |
|  | BdTR13aMKK3-1 | Brdisv1BdTR13a1030929m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:38696349..38704351 | |
|  | BdTR13aMKK3-2 | Brdisv1BdTR13a1006861m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:34793204..34810949 | |
|  | BdTR13aMKK3-3 | Brdisv1BdTR13a1034167m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:9306934..9316364 | |
|  | BdTR13aMKK4 | Brdisv1BdTR13a1040831m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:47121600..47124119 | |
|  | BdTR13aMKK5 | Brdisv1BdTR13a1007813m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:41105337..41109426 | |
|  | BdTR13aMKK6 | Brdisv1BdTR13a1013108m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:67615801..67623241 | |
|  | BdTR13aMKK10-1 | Brdisv1BdTR13a1001801m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7678305..7679766 | |
|  | BdTR13aMKK10-2 | Brdisv1BdTR13a1012168m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:63487320..63489180 | |
|  | BdTR13aMKK10-3 | Brdisv1BdTR13a1001694m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7096509..7097957 | |
|  | BdTR13aMKK10-4 | Brdisv1BdTR13a1001691m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7041559..7042994 | |
|  | BdTR13aMKK10-5 | Brdisv1BdTR13a1001693m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7067390..7069519 | |
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|  | Bis-1MKK3-1 | Brdisv1Bis-11027832m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:26775272..26783274 | |
|  | Bis-1MKK3-2 | Brdisv1Bis-11042177m | Bradi1g41860 | - | 1314 | 437 | 10 | | pseudomolecule\_8:3199896..3216388 | |
|  | Bis-1MKK3-3 | Brdisv1Bis-11030798m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8176171..8185601 | |
|  | Bis-1MKK4 | Brdisv1Bis-11036660m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:35132731..35135250 | |
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|  | Bis-1MKK6 | Brdisv1Bis-11011940m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:52652963..52660403 | |
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|  | Bis-1MKK10-4 | Brdisv1Bis-11001669m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6800339..6801774 | |
|  | Bis-1MKK10-5 | Brdisv1Bis-11001671m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:6812249..6814378 | |
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|  | Koz-3MKK3-1 | Brdisv1Koz-31033544m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:24187994..24195996 | |
|  | Koz-3MKK3-2 | Brdisv1Koz-31039828m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_7:13496541..13513032 | |
|  | Koz-3MKK3-3 | Brdisv1Koz-31021934m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_3:7645761..7655191 | |
|  | Koz-3MKK4 | Brdisv1Koz-31027327m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:32319109..32321627 | |
|  | Koz-3MKK5 | Brdisv1Koz-31006454m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:29208171..29212239 | |
|  | Koz-3MKK6 | Brdisv1Koz-31010882m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:48681506..48688946 | |
|  | Koz-3MKK10-1 | Brdisv1Koz-31001651m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6991737..6993198 | |
|  | Koz-3MKK10-2 | Brdisv1Koz-31010012m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:45193263..45195123 | |
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|  | Koz-3MKK10-4 | Brdisv1Koz-31001569m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6570992..6572427 | |
|  | Koz-3MKK10-5 | Brdisv1Koz-31041352m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_7:23775186..23777315 | |
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|  | Koz-1MKK3-1 | Brdisv1Koz-11029896m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:32867257..32875259 | |
|  | Koz-1MKK3-2 | Brdisv1Koz-11045109m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_8:4407232..4423724 | |
|  | Koz-1MKK3-3 | Brdisv1Koz-11032882m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8670147..8679577 | |
|  | Koz-1MKK4 | Brdisv1Koz-11039377m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:41037845..41040363 | |
|  | Koz-1MKK5 | Brdisv1Koz-11007461m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:35838763..35842852 | |
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|  | Koz-1MKK10-4 | Brdisv1Koz-11001737m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7151188..7152623 | |
|  | Koz-1MKK10-5 | Brdisv1Koz-11001739m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7176733..7178862 | |
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|  | BdTR3cMKK3-2 | Brdisv1BdTR3C1007023m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:37614558..37632331 | |
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|  | BdTR3cMKK4 | Brdisv1BdTR3C1030687m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:52147995..52150514 | |
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|  | BdTR3cMKK6 | Brdisv1BdTR3C1012997m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:70201597..70209037 | |
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|  | BdTR3cMKK10-4 | Brdisv1BdTR3C1001741m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7465460..7466895 | |
|  | BdTR3cMKK10-5 | Brdisv1BdTR3C1001743m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7491281..7493410 | |
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|  | Gaz-8MKK3-1 | Brdisv1Gaz-81025569m | Bradi4g39490 | - | 1572 | 523 | 9 | | pseudomolecule\_8:29552729..29560210 | |
|  | Gaz-8MKK3-2 | Brdisv1Gaz-81021746m | Bradi1g41860 | - | 1314 | 437 | 10 | | pseudomolecule\_8:2428789..2445320 | |
|  | Gaz-8MKK3-3 | Brdisv1Gaz-81015780m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:3570761..3580191 | |
|  | Gaz-8MKK6 | Brdisv1Gaz-81025547m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_8:29346270..29353591 | |
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|  | BdTR1iMKK3-2 | Brdisv1BdTR1i1006974m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:35849052..35865544 | |
|  | BdTR1iMKK3-3 | Brdisv1BdTR1i1026202m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_3:9776778..9786208 | |
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|  | BdTR1iMKK5 | Brdisv1BdTR1i1007913m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:42166992..42171081 | |
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|  | BdTR1iMKK10-1 | Brdisv1BdTR1i1002032m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:9182033..9183494 | |
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|  | BdTR1iMKK10-4 | Brdisv1BdTR1i1001928m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:8567618..8569053 | |
|  | BdTR1iMKK10-5 | Brdisv1BdTR1i1001930m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:8593395..8595524 | |
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|  | BdTR2gMKK10-4 | Brdisv1BdTR2G1001602m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6255878..6257313 | |
|  | BdTR2gMKK10-5 | Brdisv1BdTR2G1042966m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_8:28142766..28144895 | |
| Bd18-1 | Bd18-1MKK1 | Brdisv1Bd18-11008720m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:47700135..47705700 | |
|  | Bd18-1MKK3-1 | Brdisv1Bd18-11041331m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:43682368..43690370 | |
|  | Bd18-1MKK3-2 | Brdisv1Bd18-11006956m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:36742064..36758553 | |
|  | Bd18-1MKK3-3 | Brdisv1Bd18-11026234m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_3:10082843..10092273 | |
|  | Bd18-1MKK4 | Brdisv1Bd18-11033291m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:53705760..53708278 | |
|  | Bd18-1MKK5 | Brdisv1Bd18-11007870m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:43380767..43384856 | |
|  | Bd18-1MKK6 | Brdisv1Bd18-11012730m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:68759694..68767134 | |
|  | Bd18-1MKK10-1 | Brdisv1Bd18-11001858m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8295466..8296927 | |
|  | Bd18-1MKK10-2 | Brdisv1Bd18-11011845m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:64925095..64926955 | |
|  | Bd18-1MKK10-3 | Brdisv1Bd18-11001742m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7588354..7589802 | |
|  | Bd18-1MKK10-4 | Brdisv1Bd18-11001738m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7532339..7533774 | |
|  | Bd18-1MKK10-5 | Brdisv1Bd18-11001740m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7558156..7560285 | |
| S+ | | | | | | | | | | |
| Bd30-1 | Bd30-1MKK1 | Brdisv1Bd30-11007680m | Bradi1g51000 | + | 1092 | 363 | 8 | | pseudomolecule\_1:36364865..36369496 | |
|  | Bd30-1MKK3-1 | Brdisv1Bd30-11035477m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:26907017..26915019 | |
|  | Bd30-1MKK3-2 | Brdisv1Bd30-11040333m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_6:2002634..2019118 | |
|  | Bd30-1MKK3-3 | Brdisv1Bd30-11023309m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_3:8620737..8630167 | |
|  | Bd30-1MKK4 | Brdisv1Bd30-11029066m | Bradi3g53650 | + | 768 | 255 | 0 | | pseudomolecule\_3:36265792..36268319 | |
|  | Bd30-1MKK5 | Brdisv1Bd30-11006970m | Bradi1g46880 | - | 951 | 316 | 2 | | pseudomolecule\_1:33100913..33105566 | |
|  | Bd30-1MKK6 | Brdisv1Bd30-11011645m | Bradi1g75150 | + | 1056 | 351 | 5 | | pseudomolecule\_1:55416943..55421280 | |
|  | Bd30-1MKK10-1 | Brdisv1Bd30-11001809m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8113219..8114680 | |
|  | Bd30-1MKK10-2 | Brdisv1Bd30-11010689m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:51367620..51369480 | |
|  | Bd30-1MKK10-3 | Brdisv1Bd30-11001697m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7533341..7534789 | |
|  | Bd30-1MKK10-4 | Brdisv1Bd30-11001695m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7513865..7515300 | |
|  | Bd30-1MKK10-5 | Brdisv1Bd30-11041837m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_6:13791593..13793722 | |
| ABR7 | ABR7MKK1 | Brdisv1ABR71008279m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:41714772..41720331 | |
|  | ABR7MKK3-1 | Brdisv1ABR71029810m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:35588258..35596260 | |
|  | ABR7MKK3-2 | Brdisv1ABR71020756m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_2:40513550..40530042 | |
|  | ABR7MKK3-3 | Brdisv1ABR71032780m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:8746197..8755731 | |
|  | ABR7MKK4 | Brdisv1ABR71039480m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:44866889..44869408 | |
|  | ABR7MKK5 | Brdisv1ABR71007538m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:38157755..38161844 | |
|  | ABR7MKK6 | Brdisv1ABR71012442m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:61975090..61982531 | |
|  | ABR7MKK10-1 | Brdisv1ABR71001829m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7775058..7776519 | |
|  | ABR7MKK10-2 | Brdisv1ABR71011533m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:58220320..58222181 | |
|  | ABR7MKK10-3 | Brdisv1ABR71001729m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7208347..7209795 | |
|  | ABR7MKK10-4 | Brdisv1ABR71001726m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7156822..7158257 | |
|  | ABR7MKK10-5 | Brdisv1ABR71001728m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:7179366..7181495 | |
| ABR2 | ABR2MKK1 | Brdisv1ABR21008364m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:41350180..41355742 | |
|  | ABR2MKK3-1 | Brdisv1ABR21029725m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:36075640..36083642 | |
|  | ABR2MKK3-2 | Brdisv1ABR21006726m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:31843837..31860329 | |
|  | ABR2MKK3-3 | Brdisv1ABR21032775m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:9113391..9122925 | |
|  | ABR2MKK4 | Brdisv1ABR21039238m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:42797931..42800450 | |
|  | ABR2MKK5 | Brdisv1ABR21007673m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:38034917..38039006 | |
|  | ABR2MKK6 | Brdisv1ABR21012563m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:61478287..61485706 | |
|  | ABR2MKK10-1 | Brdisv1ABR21001840m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7952147..7953608 | |
|  | ABR2MKK10-2 | Brdisv1ABR21011605m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:57516336..57517679 | |
|  | ABR2MKK10-3 | Brdisv1ABR21001713m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7254568..7256016 | |
|  | ABR2MKK10-4 | Brdisv1ABR21001710m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7212089..7213524 | |
|  | ABR2MKK10-5 | Brdisv1ABR21001712m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:7240382..7242511 | |
| Mig3 | Mig3MKK1 | Brdisv1Mig31008255m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:39296073..39301635 | |
|  | Mig3MKK3-1 | Brdisv1Mig31029163m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:33118272..33126274 | |
|  | Mig3MKK3-2 | Brdisv1Mig31006643m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:30457877..30474369 | |
|  | Mig3MKK3-3 | Brdisv1Mig31032176m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:8847529..8857063 | |
|  | Mig3MKK4 | Brdisv1Mig31038354m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:40747807..40750107 | |
|  | Mig3MKK5 | Brdisv1Mig31007509m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:35874119..35878208 | |
|  | Mig3MKK6 | Brdisv1Mig31012305m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:58441028..58448468 | |
|  | Mig3MKK10-1 | Brdisv1Mig31001882m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7753405..7754866 | |
|  | Mig3MKK10-2 | Brdisv1Mig31011374m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:54643246..54645106 | |
|  | Mig3MKK10-3 | Brdisv1Mig31001763m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7175931..7177379 | |
|  | Mig3MKK10-4 | Brdisv1Mig31001757m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7098067..7099502 | |
|  | Mig3MKK10-5 | Brdisv1Mig31001759m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:7120982..7123111 | |
| Uni2 | Uni2MKK1 | Brdisv1Uni21007769m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:35408118..35413682 | |
|  | Uni2MKK3-1 | Brdisv1Uni21028033m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:27418356..27426358 | |
|  | Uni2MKK3-2 | Brdisv1Uni21042247m | Bradi1g41860 | + | 1572 | 523 | 9 | | pseudomolecule\_8:2890546..2905819 | |
|  | Uni2MKK3-3 | Brdisv1Uni21030859m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:7751034..7760566 | |
|  | Uni2MKK4 | Brdisv1Uni21036840m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:35519457..35521976 | |
|  | Uni2MKK5 | Brdisv1Uni21007057m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:32339602..32343691 | |
|  | Uni2MKK6 | Brdisv1Uni21011815m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:53186831..53194250 | |
|  | Uni2MKK10-1 | Brdisv1Uni21001716m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7173390..7174851 | |
|  | Uni2MKK10-2 | Brdisv1Uni21010884m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:49683566..49685426 | |
|  | Uni2MKK10-3 | Brdisv1Uni21001612m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6598077..6599525 | |
|  | Uni2MKK10-4 | Brdisv1Uni21001606m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6560030..6561465 | |
|  | Uni2MKK10-5 | Brdisv1Uni21001608m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:6578603..6580732 | |
| ABR4 | ABR4MKK1 | Brdisv1ABR41008171m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:40207865..40213424 | |
|  | ABR4MKK3-1 | Brdisv1ABR41029512m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:33513008..33521010 | |
|  | ABR4MKK3-2 | Brdisv1ABR41006591m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:31265085..31281569 | |
|  | ABR4MKK3-3 | Brdisv1ABR41032504m | Bradi3g11260 | - | 1785 | 594 | 9 | | pseudomolecule\_4:8977303..8986733 | |
|  | ABR4MKK4 | Brdisv1ABR41038836m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:42498543..42501062 | |
|  | ABR4MKK5 | Brdisv1ABR41007481m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:36928586..36932675 | |
|  | ABR4MKK6 | Brdisv1ABR41012469m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:60323722..60331162 | |
|  | ABR4MKK10-1 | Brdisv1ABR41001806m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7638961..7640422 | |
|  | ABR4MKK10-2 | Brdisv1ABR41011563m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:56816442..56818302 | |
|  | ABR4MKK10-3 | Brdisv1ABR41001706m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7118200..7119648 | |
|  | ABR4MKK10-4 | Brdisv1ABR41001703m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7067395..7068830 | |
|  | ABR4MKK10-5 | Brdisv1ABR41001705m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:7093264..7095393 | |
| S8iiC | S8iiCMKK1 | Brdisv1S8iiC1008085m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:38390654..38396217 | |
|  | S8iiCMKK3-1 | Brdisv1S8iiC1038719m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:30542695..30550687 | |
|  | S8iiCMKK3-2 | Brdisv1S8iiC1006489m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:30076788..30093280 | |
|  | S8iiCMKK3-3 | Brdisv1S8iiC1025083m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:8929631..8939165 | |
|  | S8iiCMKK4 | Brdisv1S8iiC1031440m | Bradi3g53650 | + | 1068 | 355 | 0 | | pseudomolecule\_3:40822123..40824637 | |
|  | S8iiCMKK5 | Brdisv1S8iiC1007346m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:34979967..34984056 | |
|  | S8iiCMKK6 | Brdisv1S8iiC1012258m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:57300463..57307903 | |
|  | S8iiCMKK10-1 | Brdisv1S8iiC1001792m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7825255..7826716 | |
|  | S8iiCMKK10-2 | Brdisv1S8iiC1011300m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:53646683..53648543 | |
|  | S8iiCMKK10-3 | Brdisv1S8iiC1001688m | Bradi1g10800 | - | 1035 | 344 | 0 | | pseudomolecule\_1:7200812..7202260 | |
|  | S8iiCMKK10-4 | Brdisv1S8iiC1001680m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7156471..7157906 | |
|  | S8iiCMKK10-5 | Brdisv1S8iiC1001689m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7216677..7218806 | |
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|  | Jer1MKK3-2 | Brdisv1Jer11041340m | Bradi1g41860 | + | 1314 | 437 | 10 | | pseudomolecule\_7:3802318..3818810 | |
|  | Jer1MKK3-3 | Brdisv1Jer11030183m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:7704623..7714151 | |
|  | Jer1MKK4 | Brdisv1Jer11036023m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:34628187..34630711 | |
|  | Jer1MKK6 | Brdisv1Jer11011416m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:50497336..50504776 | |
|  | Jer1MKK10-1 | Brdisv1Jer11001692m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6897543..6899004 | |
|  | Jer1MKK10-2 | Brdisv1Jer11010524m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:47132008..47133868 | |
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|  | Jer1MKK10-4 | Brdisv1Jer11001579m | Bradi1g10770 | - | 1275 | 424 | 2 | | pseudomolecule\_1:6297088..6298895 | |
|  | Jer1MKK10-5 | Brdisv1Jer11001581m | Bradi1g10790 | + | 984 | 327 | 1 | | pseudomolecule\_1:6319412..6321014 | |
| Per1 | Per1MKK1 | Brdisv1Per11008500m | Bradi1g51000 | + | 1092 | 363 | 8 | | pseudomolecule\_1:42201637..42206269 | |
|  | Per1MKK3-1 | Brdisv1Per11039460m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:33594376..33602368 | |
|  | Per1MKK3-2 | Brdisv1Per11006708m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:32063196..32080934 | |
|  | Per1MKK3-3 | Brdisv1Per11025553m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:9248175..9257709 | |
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|  | ABR6MKK3-2 | Brdisv1ABR6\_r1006674m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:34730513..34747005 | |
|  | ABR6MKK3-3 | Brdisv1ABR6\_r1033144m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:9161963..9171490 | |
|  | ABR6MKK4 | Brdisv1ABR6\_r1039790m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:47945198..47947722 | |
|  | ABR6MKK5 | Brdisv1ABR6\_r1007553m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:41195522..41199611 | |
|  | ABR6MKK6 | Brdisv1ABR6\_r1012715m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:67999213..68006653 | |
|  | ABR6MKK10-1 | Brdisv1ABR6\_r1001837m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8307546..8309007 | |
|  | ABR6MKK10-2 | Brdisv1ABR6\_r1011767m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:63859775..63861635 | |
|  | ABR6MKK10-3 | Brdisv1ABR6\_r1001726m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7673067..7674515 | |
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|  | ABR6MKK10-5 | Brdisv1ABR6\_r1001717m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7592251..7594380 | |
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|  | Luc1MKK10-1 | Brdisv1Luc11001815m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8004548..8006009 | |
|  | Luc1MKK10-2 | Brdisv1Luc11011611m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:59257636..59259496 | |
|  | Luc1MKK10-3 | Brdisv1Luc11001706m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7408664..7410112 | |
|  | Luc1MKK10-4 | Brdisv1Luc11001703m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7367986..7369421 | |
|  | Luc1MKK10-5 | Brdisv1Luc11001705m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:7390849..7392978 | |
| Mur1 | Mur1MKK1 | Brdisv1Mur11007592m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:32829769..32835331 | |
|  | Mur1MKK3-1 | Brdisv1Mur11026956m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:25840911..25848913 | |
|  | Mur1MKK3-2 | Brdisv1Mur11040779m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_8:2074066..2090558 | |
|  | Mur1MKK3-3 | Brdisv1Mur11029722m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:7437065..7446596 | |
|  | Mur1MKK4 | Brdisv1Mur11035455m | Bradi3g53650 | + | 882 | 293 | 0 | | pseudomolecule\_4:33000634..33002692 | |
|  | Mur1MKK5 | Brdisv1Mur11006903m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:29951114..29955203 | |
|  | Mur1MKK6 | Brdisv1Mur11011361m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:48900963..48908403 | |
|  | Mur1MKK10-1 | Brdisv1Mur11001679m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6720337..6721798 | |
|  | Mur1MKK10-2 | Brdisv1Mur11010501m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:45654186..45656047 | |
|  | Mur1MKK10-3 | Brdisv1Mur11001569m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6176676..6178124 | |
|  | Mur1MKK10-4 | Brdisv1Mur11001565m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6152320..6153755 | |
|  | Mur1MKK10-5 | Brdisv1Mur11044815m | Bradi1g10790 | + | 567 | 188 | 2 | | pseudomolecule\_8:43346431..43352617 | |
| ABR3 | ABR3MKK1 | Brdisv1ABR31008332m | Bradi1g51000 | + | 1092 | 363 | 8 | | pseudomolecule\_1:41159097..41163729 | |
|  | ABR3MKK3-1 | Brdisv1ABR31039196m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:35056134..35064136 | |
|  | ABR3MKK3-2 | Brdisv1ABR31006634m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:31571071..31587563 | |
|  | ABR3MKK3-3 | Brdisv1ABR31025404m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:8772405..8781939 | |
|  | ABR3MKK4 | Brdisv1ABR31037814m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:28684180..28686573 | |
|  | ABR3MKK5 | Brdisv1ABR31007650m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:37864510..37868599 | |
|  | ABR3MKK6 | Brdisv1ABR31012480m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:61156791..61164231 | |
|  | ABR3MKK10-1 | Brdisv1ABR31001837m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7880450..7881911 | |
|  | ABR3MKK10-2 | Brdisv1ABR31011561m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:57490324..57492184 | |
|  | ABR3MKK10-3 | Brdisv1ABR31001729m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7315002..7316450 | |
|  | ABR3MKK10-4 | Brdisv1ABR31001726m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7281324..7282759 | |
|  | ABR3MKK10-5 | Brdisv1ABR31001728m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:7308995..7311124 | |
| ABR5 | ABR5MKK1 | Brdisv1ABR51007823m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:36045166..36050728 | |
|  | ABR5MKK3-1 | Brdisv1ABR51028122m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:31279385..31287387 | |
|  | ABR5MKK3-2 | Brdisv1ABR51006276m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:28121630..28138122 | |
|  | ABR5MKK3-3 | Brdisv1ABR51030947m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:7988291..7997825 | |
|  | ABR5MKK4 | Brdisv1ABR51037002m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_4:37570158..37572682 | |
|  | ABR5MKK5 | Brdisv1ABR51007117m | Bradi1g46880 | - | 933 | 310 | 1 | | pseudomolecule\_1:32965648..32969883 | |
|  | ABR5MKK6 | Brdisv1ABR51011697m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:53834226..53841666 | |
|  | ABR5MKK10-1 | Brdisv1ABR51001752m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7293621..7295082 | |
|  | ABR5MKK10-2 | Brdisv1ABR51010777m | Bradi1g69400 | + | 1011 | 336 | 1 | | pseudomolecule\_1:50311409..50313334 | |
|  | ABR5MKK10-3 | Brdisv1ABR51001647m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6721870..6723318 | |
|  | ABR5MKK10-5 | Brdisv1ABR51001637m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_1:6660034..6662163 | |
| RON2 | RON2MKK1 | Brdisv1RON21008490m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:45657368..45662927 | |
|  | RON2MKK3-1 | Brdisv1RON21040413m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:40543599..40551601 | |
|  | RON2MKK3-2 | Brdisv1RON21006777m | Bradi1g41860 | + | 1572 | 523 | 10 | | pseudomolecule\_1:34882433..34898925 | |
|  | RON2MKK3-3 | Brdisv1RON21025893m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:9966668..9976202 | |
|  | RON2MKK4 | Brdisv1RON21032486m | Bradi3g53650 | + | 1074 | 357 | 0 | | pseudomolecule\_3:48068045..48070564 | |
|  | RON2MKK5 | Brdisv1RON21007695m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:41646928..41651017 | |
|  | RON2MKK6 | Brdisv1RON21012535m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:66536209..66543649 | |
|  | RON2MKK10-1 | Brdisv1RON21001840m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:8470689..8472150 | |
|  | RON2MKK10-2 | Brdisv1RON21011610m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:62669320..62671180 | |
|  | RON2MKK10-3 | Brdisv1RON21001729m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:7783530..7784978 | |
|  | RON2MKK10-4 | Brdisv1RON21001725m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:7733403..7734838 | |
|  | RON2MKK10-5 | Brdisv1RON21001727m | Bradi1g10790 | - | 999 | 332 | 0 | | pseudomolecule\_1:7763190..7765319 | |
| Foz1 | Foz1MKK1 | Brdisv1Foz11007784m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:35880391..35885953 | |
|  | Foz1MKK3-1 | Brdisv1Foz11037008m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_4:29883738..29891740 | |
|  | Foz1MKK3-2 | Brdisv1Foz11006306m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:28346286..28362778 | |
|  | Foz1MKK3-3 | Brdisv1Foz11023762m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_3:7984027..7993561 | |
|  | Foz1MKK5 | Brdisv1Foz11007091m | Bradi1g46880 | - | 987 | 328 | 2 | | pseudomolecule\_1:32942815..32947034 | |
|  | Foz1MKK6 | Brdisv1Foz11011624m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:53352265..53359705 | |
|  | Foz1MKK10-1 | Brdisv1Foz11001741m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:7272765..7274226 | |
|  | Foz1MKK10-2 | Brdisv1Foz11010724m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:49805296..49807156 | |
|  | Foz1MKK10-3 | Brdisv1Foz11001631m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6695916..6697364 | |
|  | Foz1MKK10-4 | Brdisv1Foz11001629m | Bradi1g10770 | + | 1026 | 341 | 0 | | pseudomolecule\_1:6669183..6670618 | |
|  | Foz1MKK10-5 | Brdisv1Foz11042773m | Bradi1g10790 | + | 999 | 332 | 0 | | pseudomolecule\_8:12947650..12949651 | |
| Sig2 | Sig2MKK1 | Brdisv1Sig21007754m | Bradi1g51000 | + | 1047 | 348 | 8 | | pseudomolecule\_1:35791126..35796688 | |
|  | Sig2MKK3-1 | Brdisv1Sig21027513m | Bradi4g39490 | + | 1572 | 523 | 9 | | pseudomolecule\_3:30069684..30077686 | |
|  | Sig2MKK3-2 | Brdisv1Sig21006212m | Bradi1g41860 | - | 1572 | 523 | 10 | | pseudomolecule\_1:27899395..27915887 | |
|  | Sig2MKK3-3 | Brdisv1Sig21030257m | Bradi3g11260 | - | 1779 | 592 | 9 | | pseudomolecule\_4:7592653..7602187 | |
|  | Sig2MKK4 | Brdisv1Sig21036157m | Bradi3g53650 | + | 720 | 239 | 1 | | pseudomolecule\_4:35081644..35082688 | |
|  | Sig2MKK5 | Brdisv1Sig21007006m | Bradi1g46880 | - | 1032 | 343 | 1 | | pseudomolecule\_1:32570411..32574500 | |
|  | Sig2MKK6 | Brdisv1Sig21011649m | Bradi1g75150 | + | 1071 | 356 | 7 | | pseudomolecule\_1:53049823..53057263 | |
|  | Sig2MKK10-1 | Brdisv1Sig21001691m | Bradi1g11525 | - | 1044 | 347 | 0 | | pseudomolecule\_1:6765444..6766905 | |
|  | Sig2MKK10-2 | Brdisv1Sig21010766m | Bradi1g69400 | + | 1029 | 342 | 0 | | pseudomolecule\_1:49648154..49650014 | |
|  | Sig2MKK10-3 | Brdisv1Sig21001588m | Bradi1g10800 | + | 1035 | 344 | 0 | | pseudomolecule\_1:6215125..6216573 | |
|  | Sig2MKK10-4 | Brdisv1Sig21001585m | Bradi1g10770 | + | 729 | 242 | 0 | | pseudomolecule\_1:6193198..6194213 | |
|  | Sig2MKK10-5 | Brdisv1Sig21045238m | Bradi1g10790 | + | 1257 | 418 | 4 | | pseudomolecule\_8:53142262..53146267 | |