Table S7. The final SNP (single nucleotide polymorphisms) dataset for analyses only concerning Texas bighorn sheep, including number of SNPs, mean depth of coverage, and the standard deviation of depth of coverage.

|  |  |  |  |
| --- | --- | --- | --- |
| Individuals | Missing SNPs | Mean Depth of Coverage | Standard Deviation of Depth of Coverage |
| TK200911 | 0.068864873 | 17.83434567 | 8.088527447 |
| TK249257 | 0.012384634 | 25.75861797 | 10.33137209 |
| TK249258 | 0.03399858 | 31.9540112 | 13.86974008 |
| TK249259 | 0.032657569 | 22.47037943 | 9.16323226 |
| TK249260 | 0.019799637 | 28.5842865 | 11.84736201 |
| TK249261 | 0.010885856 | 31.10515106 | 11.88520893 |
| TK249262 | 0.028634535 | 27.51053088 | 11.58934943 |
| TK249263 | 0.007099471 | 28.69756251 | 11.17307138 |
| TK249264 | 0.006468407 | 30.89721543 | 10.87103853 |
| TK249265 | 0.005127396 | 33.50414136 | 13.08464877 |
| TK249266 | 0.011201388 | 28.34495543 | 11.00899153 |
| TK249267 | 0.00339197 | 34.8555652 | 13.4174737 |
| TK249268 | 0.009387079 | 25.53664116 | 9.725038969 |
| TK249269 | 0.026031395 | 30.06657727 | 14.75001487 |
| TK249270 | 0.019010807 | 24.57655597 | 9.432095059 |
| TK249271 | 0.007809419 | 34.56172596 | 12.73283297 |
| TK249272 | 0.021219531 | 22.11493256 | 8.682850091 |
| TK249273 | 0.003628619 | 29.34984618 | 10.46763721 |
| TK249274 | 0.025952512 | 22.57860693 | 9.253541526 |
| TK249275 | 0.010097026 | 26.70742289 | 10.06159569 |
| TK249276 | 0.00654729 | 29.86416345 | 10.50999948 |
| TK249277 | 0.013883411 | 26.19586653 | 9.864987378 |
| TK249278 | 0.018458626 | 22.8337146 | 9.038230355 |
| TK249279 | 0.013252347 | 24.74725882 | 9.932003826 |
| TK249280 | 0.015224422 | 33.91496411 | 13.13077874 |
| TK249281 | 0.028003471 | 21.55588862 | 9.129039058 |
| TK249282 | 0.026977992 | 22.76926718 | 9.403225288 |
| TK249283 | 0.018064211 | 22.79072336 | 8.976195638 |
| TK249284 | 0.031710973 | 32.65607005 | 15.36486524 |
| TK249285 | 0.048197523 | 30.40522206 | 14.87123488 |
| TK249286 | 0.023507139 | 30.28539875 | 12.96480851 |
| TK249287 | 0.086455786 | 22.72801136 | 15.09918868 |
| TK249288 | 0.033604165 | 22.55604638 | 9.348142835 |
| TK249289 | 0.022718309 | 23.25289895 | 10.17994151 |
| TK249290 | 0.016171018 | 35.18356078 | 16.06915439 |
| TK249291 | 0.015776603 | 24.96103179 | 10.19712907 |
| TK249292 | 0.018774158 | 27.62814546 | 12.69009161 |
| TK249293 | 0.005600694 | 30.80200363 | 12.67693653 |
| TK249294 | 0.004101917 | 34.55052457 | 13.8723753 |
| TK249295 | 0.01412006 | 25.55344324 | 10.23422846 |
| TK249296 | 0.012779049 | 27.05569141 | 11.78808854 |
| TK249297 | 0.015618837 | 25.29084168 | 10.30072693 |
| TK249298 | 0.050642897 | 26.26315374 | 13.8292172 |
| TK249299 | 0.008913781 | 29.17764455 | 12.05951878 |
| TK249300 | 0.011753569 | 28.68478347 | 12.23227782 |
| TK249302 | 0.033840814 | 35.05592806 | 21.62970691 |
| TK249303 | 0.007257238 | 29.75270174 | 12.18435399 |
| TK249304 | 0.045988799 | 25.80271358 | 14.4469836 |
| TK249305 | 0.003155321 | 35.273093 | 14.46252966 |
| TK249306 | 0.013252347 | 27.42344403 | 11.83977441 |
| TK249307\_Nov2016 | 0.002445374 | 36.28618758 | 14.22243535 |
| TK256543 | 0.393231837 | 25.44679341 | 40.86946464 |
| TK256544 | 0.017433147 | 26.51163524 | 9.644278727 |
| TK256545 | 0.008913781 | 28.85674844 | 10.86525614 |
| TK256546 | 0.01751203 | 27.80791985 | 11.22704272 |
| TK256547 | 0.226788672 | 15.17803897 | 11.88276715 |
| TK256548 | 0.006783939 | 27.68549341 | 9.572352662 |
| TK256549 | 0.037863848 | 36.61016013 | 19.5896355 |
| TK256550 | 0.015539954 | 23.2782204 | 9.019367142 |
| TK256551 | 0.015539954 | 25.48875917 | 9.918187138 |
| TK256552 | 0.026583577 | 25.90652363 | 10.67141789 |
| TK256553 | 0.022166128 | 23.96813126 | 9.933738839 |
| TK256554 | 0.023664905 | 23.50784886 | 9.532188203 |
| TK256555 | 0.016644316 | 25.64620967 | 9.974629581 |
| TK256556 | 0.018537509 | 24.67571192 | 10.21719732 |
| TK256558 | 0.029581131 | 27.2749862 | 11.71484387 |
| TK256559 | 0.001498777 | 39.87031632 | 12.18466827 |
| TK256560 | 0.010254792 | 33.19854855 | 12.86104724 |
| TK256561 | 0.18411296 | 13.66151298 | 6.906674872 |
| TK256564 | 0.15011438 | 14.49893508 | 7.175972076 |
| TK256573 | 0.00339197 | 41.47266703 | 15.14412661 |
| TK256574 | 0.2034393 | 12.46209671 | 5.984643211 |
| TK256575 | 0.001419894 | 40.86455786 | 13.80722107 |
| TK256576 | 0.004023034 | 30.32349925 | 10.46984102 |
| TK256577 | 0.133154532 | 15.11532697 | 7.430764855 |
| TK256578 | 0.308905893 | 13.77392127 | 13.08875104 |
| TK256582 | 0.204307013 | 16.03841603 | 11.47314387 |
| TK256583 | 0.107675318 | 21.06634062 | 13.7926115 |
| TK256585 | 0.136073203 | 19.38873551 | 13.04805882 |
| TK256609 | 0.217243827 | 15.34251006 | 11.45330506 |
| TK256610 | 0.119586653 | 19.58838842 | 12.96743321 |
| TK256621 | 0.127790487 | 18.25565986 | 11.32409475 |
| TK256622 | 0.020746233 | 32.83150588 | 13.28692779 |
| TK256623 | 0.008598249 | 35.75404275 | 13.52237462 |
| TK256624 | 0.008677132 | 30.60132523 | 12.4178687 |
| TK256625 | 0.015855486 | 32.57900134 | 15.0356055 |
| TK256630 | 0.016092135 | 32.98343457 | 13.42804686 |
| TK256633 | 0.009071547 | 32.25881518 | 14.07248015 |
| TK249450 | 0.023191607 | 25.22828745 | 11.52026812 |
| 2000\_TX001 | 0.354263627 | 10.88080776 | 6.782893513 |
| 2000\_TX002 | 0.502169283 | 8.3153743 | 5.778350018 |
| 2000\_TX003 | 0.333044096 | 11.23507139 | 7.011224194 |
| 2000\_TX004 | 0.371381242 | 10.98169914 | 7.626413107 |
| 2000\_TX005 | 0.298808866 | 12.37997949 | 7.93654146 |
| 2000\_TX006 | 0.431647866 | 9.428255897 | 6.233846267 |
| 2000\_TX007 | 0.463201073 | 9.164471089 | 7.035769841 |
| 2000\_TX008 | 0.351660487 | 11.12274197 | 7.255605843 |
| 2000\_TX009 | 0.439141753 | 9.50051274 | 6.521992594 |
| 2000\_TX010 | 0.296205727 | 11.40861403 | 6.38189408 |
| TK249344 | 0.00993926 | 33.94501854 | 16.47750764 |
| TK249345 | 0.060976572 | 27.86850201 | 16.50459596 |
| TK249346 | 0.031158792 | 27.60345508 | 14.07680093 |
| TK249347 | 0.018064211 | 33.8676343 | 12.92698593 |
| TK249348 | 0.019010807 | 26.46753964 | 11.39924891 |
| TK249349 | 0.1202966 | 35.49017906 | 31.45902486 |
| TK249350 | 0.004811864 | 30.40885067 | 11.60544401 |
| TK249351 | 0.065472904 | 41.4802398 | 32.82350978 |
| TK249352 | 0.009387079 | 29.59501459 | 13.69665505 |
| TK249353 | 0.004890747 | 35.89926639 | 14.37006494 |
| TK249354 | 0.001262128 | 53.09126765 | 16.75289429 |
| TK249355 | 0.00575846 | 34.55312771 | 14.34497401 |
| TK249356 | 0.003313087 | 36.77116037 | 15.28107627 |
| TK249357 | 0.007415004 | 28.83702769 | 11.68070565 |
| TK249358 | 0.038337146 | 25.97278536 | 13.30365916 |
| TK249359 | 0.009702611 | 32.79427309 | 14.4204969 |
| TK249360 | 0.005600694 | 27.02871342 | 9.808893175 |
| TK249361 | 0.010175909 | 26.09852489 | 9.973568502 |
| TK249362 | 0.018143094 | 23.88924824 | 9.534232325 |
| TK249363 | 0.016644316 | 23.41169046 | 9.216730518 |
| TK249364 | 0.005916226 | 33.56677447 | 14.63094087 |
| TK249365 | 0.003865268 | 31.67918277 | 12.46401648 |
| TK249366 | 0.007257238 | 28.74568115 | 11.51974335 |
| TK249367 | 0.007967185 | 30.9205648 | 12.70741147 |
| TK249368 | 0.018537509 | 23.59667114 | 9.663462968 |
| TK249369 | 0.006468407 | 27.12621283 | 10.27383075 |
| TK249370 | 0.02066735 | 35.55975388 | 14.6266139 |
| TK249371 | 0.005285162 | 28.81304725 | 11.10082071 |
| TK249372 | 0.006705056 | 33.25116352 | 14.32524725 |
| TK249373 | 0.010254792 | 28.36996135 | 10.67920184 |
| TK249374 | 0.00757277 | 28.34605979 | 10.98468783 |
| TK249375 | 0.01830086 | 27.95172359 | 11.92463599 |
| TK249376 | 0.03060661 | 20.14451369 | 7.774924552 |
| TK249377 | 0.059004496 | 22.6381636 | 11.59472375 |
| TK249378 | 0.047014278 | 18.96040073 | 8.076023877 |
| TK249379 | 0.071862428 | 17.43425101 | 7.729983099 |
| TK249380 | 0.040072572 | 19.64778733 | 8.466845343 |
| TK249381 | 0.019957403 | 26.61860062 | 11.38477242 |
| TK249382 | 0.04811864 | 18.68344245 | 7.973996545 |
| TK249383 | 0.030133312 | 21.04488444 | 8.717659708 |
| TK249384 | 0.010097026 | 26.65591228 | 10.6376872 |
| TK249385 | 0.019562988 | 21.92064369 | 8.370795938 |
| TK249386 | 0.017196498 | 24.4435592 | 9.52901958 |
| TK249387 | 0.061292104 | 17.84799243 | 7.80995716 |
| TK249388 | 0.041965765 | 18.89611107 | 7.62261803 |
| TK249389 | 0.008519366 | 25.49349215 | 9.344805802 |
| TK249390 | 0.016880966 | 21.77013489 | 8.225646677 |
| TK249391 | 0.010885856 | 24.84523152 | 9.51942569 |
| TK249392 | 0.009544845 | 25.74804765 | 9.795411372 |
| TK249393 | 0.017275381 | 22.29257711 | 9.009320896 |
| TK249394 | 0.091819831 | 16.23972549 | 7.259483489 |
| TK249395 | 0.076279877 | 19.82598407 | 10.06760095 |
| TK249396 | 0.045436617 | 18.71680997 | 7.826340474 |
| TK249397 | 0.049775183 | 21.29131498 | 10.01078298 |
| TK249398 | 0.074702217 | 20.64368541 | 10.40607182 |
| TK249399 | 0.019720754 | 22.72367279 | 8.811572908 |
| TK249400 | 0.00236649 | 35.79813836 | 11.95348496 |
| TK249401 | 0.018537509 | 23.81415161 | 9.292425674 |
| TK249402 | 0.024690384 | 22.99006074 | 9.454558021 |
| TK249403 | 0.00993926 | 26.82858721 | 10.50294298 |
| TK249404 | 0.006152875 | 28.30866924 | 10.48400778 |
| TK249405 | 0.016565433 | 33.35047724 | 15.87810499 |
| TK249406 | 0.003944151 | 32.33635718 | 11.4659269 |
| TK249407 | 0.008203834 | 27.43787962 | 10.02036554 |
| TK249408 | 0.009623728 | 26.49664747 | 9.719800783 |
| TK249409 | 0.034235229 | 21.40585312 | 8.409509813 |
| TK249410 | 0.065157372 | 18.62790881 | 8.157180287 |
| TK249411 | 0.010649207 | 25.77770766 | 9.53920007 |
| TK249412 | 0.008598249 | 27.4779522 | 9.912655338 |
| TK249413 | 0.012226868 | 25.02098288 | 9.293394619 |
| TK249414 | 0.033288633 | 21.0083616 | 8.609242291 |
| TK249416 | 0.0125424 | 26.03186874 | 10.59371589 |
| TK249417 | 0.006862822 | 28.35434251 | 10.58886382 |
| TK249418 | 0.014435592 | 23.89106255 | 8.622031401 |
| TK249419 | 0.01072809 | 28.92703321 | 9.967070687 |
| TK249420 | 0.040466987 | 22.54184744 | 9.640619638 |
| TK249421 | 0.026899109 | 23.67910389 | 9.89296853 |
| TK249422 | 0.06484184 | 18.10901633 | 8.136571617 |
| TK249423 | 0.03320975 | 20.47818885 | 8.333633619 |
| TK249424 | 0.015776603 | 24.78393942 | 9.368887342 |
| TK249425 | 0.024611501 | 20.5308827 | 8.032727115 |
| TK256684 | 0.007809419 | 30.73621519 | 12.24180454 |
| TK256685 | 0.015776603 | 29.87276169 | 14.19564132 |
| TK256686 | 0.035102942 | 26.21140648 | 12.04633499 |
| TK256687 | 0.022087245 | 28.45902027 | 13.46688715 |
| TK256688 | 0.027372407 | 29.27222529 | 14.83910116 |
| TK256689 | 0.014041177 | 27.96213615 | 11.21346782 |
| TK256690 | 0.136704268 | 25.48473614 | 18.33351805 |
| TK256691 | 0.272698588 | 16.2949436 | 12.33963144 |
| TK256692 | 0.02169283 | 31.68218033 | 14.39121307 |
| TK256693 | 0.245168415 | 17.46785517 | 13.38175943 |
| TK256694 | 0.212510846 | 15.74323578 | 11.78392035 |
| TK256695 | 0.38258263 | 20.2861087 | 25.83679279 |
| TK256696 | 0.067287213 | 25.86944861 | 14.66068015 |
| TK256697 | 0.025400331 | 31.18135205 | 14.94991658 |
| TK256698 | 0.00575846 | 29.20501696 | 11.43923593 |
| TK256699 | 0.125818411 | 25.08251164 | 17.41533116 |
| TK256700 | 0.133233415 | 19.01238463 | 12.6880399 |
| TK256721 | 0.140017354 | 24.89461229 | 19.32424416 |
| TK256722 | 0.256606453 | 17.88964266 | 14.73294568 |
| TK256723 | 0.113512661 | 24.16320896 | 15.33244034 |
| TK256724 | 0.459256922 | 10.49404433 | 8.638641568 |
| TK256725 | 0.227735269 | 19.92900529 | 15.48983549 |
| TK256726 | 0.216297231 | 19.75214956 | 15.39913705 |
| TK256727 | 0.015145539 | 27.93941784 | 12.03912272 |
| TK256728 | 0.007178355 | 29.63627041 | 11.35296693 |
| TK256729 | 0.007415004 | 27.98690542 | 10.84065802 |
| TK256730 | 0.02145618 | 27.22095133 | 12.06052671 |
| TK256731 | 0.009308196 | 30.31001025 | 12.24144932 |
| TK256732 | 0.013804528 | 25.38431806 | 9.735884193 |
| TK256733 | 0.010254792 | 27.67074229 | 10.45968412 |
| TK256734 | 0.016959849 | 24.95708764 | 10.09447584 |
| TK256735 | 0.072730141 | 17.55344324 | 22.50656971 |
| TK256736 | 0.026899109 | 28.99329494 | 13.47898575 |
| TK256737 | 0.001972075 | 33.9136231 | 12.45630551 |
| TK256738 | 0.008834898 | 31.62167705 | 12.75211379 |
| TK256739 | 0.337067129 | 28.70071784 | 41.07505168 |
| TK256740 | 0.006468407 | 28.63745366 | 11.04185265 |
| TK256741 | 0.035497357 | 31.0989193 | 16.70404864 |
| TK256742 | 0.314979885 | 26.66561489 | 33.92498354 |
| TK256743 | 0.006468407 | 34.05040625 | 13.30700669 |
| TK256744 | 0.054902579 | 28.45507612 | 16.35233432 |
| TK256745 | 0.008440483 | 30.64826063 | 12.90822704 |
| TK256746 | 0.017590913 | 26.95243354 | 11.89113975 |
| TK256747 | 0.057505719 | 23.8801767 | 13.7948528 |
| TK256748 | 0.028476769 | 31.89871421 | 16.64168148 |
| TK256749 | 0.017275381 | 26.08819121 | 10.54808148 |
| TK256750 | 0.009071547 | 30.67831506 | 12.54072624 |
| TK256751 | 0.077384239 | 29.22576319 | 19.27195683 |
| TK256752 | 0.005442928 | 31.66222292 | 12.52518334 |
| TK256753 | 0.011753569 | 26.34503431 | 10.46121185 |
| TK256754 | 0.013804528 | 27.04654098 | 10.83039497 |
| TK256755 | 0.126607241 | 25.25573874 | 17.48927205 |
| TK256756 | 0.033604165 | 32.37280114 | 15.60803043 |
| TK256757 | 0.008992664 | 28.85004339 | 11.30544237 |
| TK256758 | 0.002760906 | 34.13780863 | 12.91048705 |
| TK256760 | 0.015461071 | 25.28358444 | 10.55180579 |
| TK256761 | 0.012069102 | 32.38360811 | 12.65887833 |
| TK256762 | 0.064289658 | 30.51802477 | 20.40582493 |
| TK256763 | 0.010491441 | 31.61670742 | 13.86165638 |
| TK256764 | 0.024611501 | 25.99061292 | 11.04395348 |
| TK256765 | 0.064289658 | 27.83860535 | 16.71630876 |
| TK256766 | 0.008756015 | 31.91046778 | 12.8327143 |
| TK256767 | 0.069022639 | 30.66214404 | 19.70731717 |
| TK256768 | 0.014514475 | 34.46895953 | 16.12135227 |
| TK256769 | 0.07296679 | 41.35473693 | 31.44751716 |
| TK256770 | 0.006862822 | 29.81052299 | 11.49134594 |
| TK256772 | 0.165102154 | 40.14869449 | 42.85120026 |
| TK256773 | 0.013883411 | 27.61299992 | 11.51585739 |
| TK256774 | 0.018221977 | 25.63319397 | 10.91411418 |
| TK256775 | 0.023743788 | 24.97081328 | 10.99425106 |
| TK256776 | 0.054902579 | 22.76524414 | 11.98048984 |
| TK256777 | 0.008203834 | 34.4157135 | 15.65897411 |
| TK256759 | 0.031710973 | 23.31923957 | 11.22420973 |
| TK259800 | 0.023586022 | 25.1495622 | 11.82928702 |
| TK249336 | 0.096552812 | 21.54042755 | 13.01743658 |
| TK249337 | 0.020509584 | 28.70119113 | 12.38427692 |
| TK249343 | 0.29210381 | 27.26291709 | 34.02320025 |
| TK249333 | 0.016723199 | 34.75822355 | 17.53562833 |
| TK249334 | 0.002208724 | 34.96544924 | 12.35473135 |
| TK249335 | 0.007651653 | 27.29281376 | 10.30558291 |
| TK249338 | 0.024690384 | 33.6144987 | 12.7947701 |
| TK249340 | 0.007967185 | 38.67413426 | 16.40025949 |
| TK249341 | 0.168651889 | 16.57158634 | 11.19676242 |
| TK249342 | 0.016171018 | 30.36404512 | 13.3870134 |
| TK249307\_Oct2017 | 0.02169283 | 24.49909285 | 10.73464779 |
| TK249308 | 0.070521417 | 21.07194131 | 11.35282291 |
| TK249309 | 0.018064211 | 29.00331309 | 13.74285971 |
| TK249310 | 0.020903999 | 23.57679262 | 9.819274505 |
| TK249311 | 0.009071547 | 27.61607636 | 11.12240214 |
| TK249312 | 0.036207305 | 24.35757671 | 11.41820315 |
| TK249313 | 0.019562988 | 34.65875207 | 17.84940987 |
| TK249314 | 0.086061371 | 20.44679341 | 10.73303134 |
| TK249315 | 0.021061765 | 22.93649917 | 9.266077862 |
| TK249316 | 0.054587047 | 23.59690779 | 13.29955679 |
| TK249317 | 0.006152875 | 36.10570324 | 16.9913533 |
| TK249318 | 0.009702611 | 28.30835371 | 11.43964793 |
| TK249319 | 0.011674686 | 34.63248403 | 13.03047846 |
| TK249320 | 0.009308196 | 34.7719492 | 15.2229246 |
| TK249321 | 0.002524257 | 34.32113276 | 12.63026685 |
| TK249322 | 0.022560543 | 33.0743078 | 16.7752532 |
| TK249323 | 0.003786385 | 39.92908417 | 15.88818129 |
| TK249324 | 0.018221977 | 25.74481344 | 10.67329264 |
| TK249325 | 0.031316558 | 34.29265599 | 17.24339947 |
| TK249326 | 0.008834898 | 33.64021456 | 11.97735062 |
| TK249330 | 0.057505719 | 23.57261182 | 13.39706739 |
| TK249331 | 0.037153901 | 22.46919618 | 11.45741777 |
| TK249332 | 0.041176935 | 22.67413426 | 10.72537523 |