| **Sample** | **Scaling\_Factor** |
| --- | --- |
| *spiked.blank.20529\_S180* | *0.014274030* |
| *spiked.blank.20913\_S180* | *0.015122444* |
| *Std2uL.20721\_S180* | *0.011067659* |
| *StdSwab1uL.20720\_S168* | *0.006789929* |
| *STP1719.20518\_S143* | *0.040352326* |
| *STP213.20519\_S155* | *0.287789556* |
| *STP268.20520\_S167* | *0.550300300* |
| *STP544.20515\_S107* | *0.026121664* |
| *STP570.20516\_S119* | *0.053417869* |
| *STP579.20517\_S131* | *0.023763981* |
| *STP614.20514\_S190* | *0.690857681* |
| *UHM1000.20700\_S118* | *1.559574468* |
| *UHM1001.20705\_S178* | *0.110291905* |
| *UHM1007.20718\_S144* | *0.640734266* |
| *UHM1009.20710\_S143* | *0.339037928* |
| *UHM1010.20717\_S132* | *0.060850075* |
| *UHM1011.20702\_S142* | *0.057662052* |
| *UHM1024.20716\_S120* | *0.028369069* |
| *UHM1026.20703\_S154* | *0.073653537* |
| *UHM1028.20709\_S131* | *0.348384030* |
| *UHM1032.20701\_S130* | *0.060468570* |
| *UHM1033.20715\_S108* | *0.096219480* |
| *UHM1034.20712\_S167* | *18.325000000* |
| *UHM1035.20707\_S107* | *0.087616543* |
| *UHM1036.20708\_S119* | *0.294377510* |
| *UHM1052.20711\_S155* | *0.083238701* |
| *UHM1060.20819\_S97* | *0.028247717* |
| *UHM1065.20820\_S109* | *0.047147360* |
| *UHM1068.20828\_S110* | *0.242474363* |
| *UHM1069.20838\_S135* | *0.211239193* |
| *UHM1070.20821\_S121* | *0.061820022* |
| *UHM1071.20829\_S122* | *0.331074977* |
| *UHM1072.20830\_S134* | *0.096257387* |
| *UHM1073.20831\_S146* | *3.683417085* |
| *UHM1075.20822\_S133* | *0.280091708* |
| *UHM1077.20832\_S158* | *0.049580628* |
| *UHM1078.20823\_S145* | *1.199672668* |
| *UHM1080.20833\_S170* | *0.955671447* |
| *UHM1081.20824\_S157* | *0.540959410* |
| *UHM1088.20834\_S182* | *0.460138104* |
| *UHM1090.20835\_S99* | *0.183021223* |
| *UHM1093.20825\_S169* | *0.453308596* |
| *UHM1095.20826\_S181* | *0.200163845* |
| *UHM1097.20719\_S156* | *0.027154182* |
| *UHM1099.20704\_S166* | *0.034924719* |
| *UHM1100.20884\_S117* | *12.423728814* |
| *UHM1102.20885\_S129* | *2.655797101* |
| *UHM1104.20886\_S141* | *1.692840647* |
| *UHM1105.20887\_S153* | *1.337591241* |
| *UHM1109.20627\_S97* | *0.179612840* |
| *UHM1110.20664\_S161* | *28.192307692* |
| *UHM1113.20888\_S165* | *0.495605139* |
| *UHM1114.20889\_S177* | *0.614417435* |
| *UHM1115.20890\_S189* | *6.787037037* |
| *UHM1117.20891\_S106* | *5.682170543* |
| *UHM1118.20892\_S118* | *1.385633270* |
| *UHM1120.20893\_S130* | *1.732860520* |
| *UHM1124.20894\_S142* | *1.846347607* |
| *UHM1126.20895\_S154* | *1.981081081* |
| *UHM1128.20896\_S166* | *9.644736842* |
| *UHM1140.20651\_S100* | *1.138198758* |
| *UHM1145.20897\_S178* | *2.188059701* |
| *UHM1163.20501\_S129* | *0.617523168* |
| *UHM1164.20498\_S188* | *0.079251811* |
| *UHM1169.20648\_S159* | *0.049440173* |
| *UHM1171.20675\_S103* | *12.216666667* |
| *UHM1176.20500\_S117* | *1.272569444* |
| *UHM1177.20642\_S182* | *0.028440616* |
| *UHM1182.20672\_S162* | *1.150706436* |
| *UHM1210.20898\_S190* | *3.646766169* |
| *UHM1212.20899\_S107* | *1.213576159* |
| *UHM1217.20900\_S119* | *0.667577413* |
| *UHM1218.20901\_S131* | *1.315978456* |
| *UHM1219.20902\_S143* | *10.471428571* |
| *UHM1220.20903\_S155* | *3.665000000* |
| *UHM1221.20904\_S167* | *1.918848168* |
| *UHM1222.20905\_S179* | *0.102661064* |
| *UHM1223.20906\_S191* | *4.639240506* |
| *UHM1225.20907\_S108* | *2.262345679* |
| *UHM1227.20908\_S120* | *1.227805695* |
| *UHM1228.20909\_S132* | *6.429824561* |
| *UHM1237.20910\_S144* | *1.240270728* |
| *UHM1240.20662\_S137* | *0.111516811* |
| *UHM1246.20911\_S156* | *0.530390738* |
| *UHM1247.20912\_S168* | *1.147104851* |
| *UHM1248.20671\_S150* | *0.025198529* |
| *UHM1256.20666\_S185* | *0.063683753* |
| *UHM1260.20692\_S117* | *0.771578947* |
| *UHM1270.20673\_S174* | *0.087900228* |
| *UHM1271.20493\_S128* | *0.538179148* |
| *UHM1272.20494\_S140* | *0.272998138* |
| *UHM1274.20650\_S183* | *0.255757153* |
| *UHM1275.20693\_S129* | *1.274782609* |
| *UHM1282.20695\_S153* | *1.074780059* |
| *UHM1287.20639\_S146* | *0.207179197* |
| *UHM1291.20512\_S166* | *0.289837881* |
| *UHM1296.20646\_S135* | *11.453125000* |
| *UHM1319.20657\_S172* | *1.586580087* |
| *UHM1324.20509\_S130* | *0.371703854* |
| *UHM1327.20641\_S170* | *12.016393443* |
| *UHM1328.20668\_S114* | *0.021200289* |
| *UHM1334.20513\_S178* | *0.925505051* |
| *UHM1338.20495\_S152* | *0.104894104* |
| *UHM1341.20698\_S189* | *0.014220860* |
| *UHM1356.20637\_S122* | *0.020272139* |
| *UHM1380.20676\_S115* | *2.863281250* |
| *UHM1383.20690\_S188* | *1.480808081* |
| *UHM1385.20659\_S101* | *0.048424391* |
| *UHM1399.20852\_S113* | *0.204863052* |
| *UHM1400.20853\_S125* | *0.090628091* |
| *UHM1401.20854\_S137* | *0.085301990* |
| *UHM1402.20855\_S149* | *1.000000000* |
| *UHM1403.20856\_S161* | *0.153926921* |
| *UHM1405.20857\_S173* | *0.603292181* |
| *UHM1406.20858\_S185* | *0.060284563* |
| *UHM1414.20859\_S102* | *1.440078585* |
| *UHM1419.20860\_S114* | *0.319389978* |
| *UHM1427.20485\_S127* | *0.536996337* |
| *UHM1428.20486\_S139* | *22.212121212* |
| *UHM1429.20487\_S151* | *13.830188679* |
| *UHM1430.20488\_S163* | *5.682170543* |
| *UHM1432.20489\_S175* | *4.524691358* |
| *UHM1435.20484\_S115* | *1.514462810* |
| *UHM162.20656\_S160* | *0.480655738* |
| *UHM198.20681\_S175* | *0.395148248* |
| *UHM200.20670\_S138* | *1.283712785* |
| *UHM203.20685\_S128* | *0.607794362* |
| *UHM204.20505\_S177* | *0.275667544* |
| *UHM206.20506\_S189* | *0.053519276* |
| *UHM207.20689\_S176* | *0.903822441* |
| *UHM208.20507\_S106* | *0.830124575* |
| *UHM211.20502\_S141* | *0.064913213* |
| *UHM215.20504\_S165* | *0.218479881* |
| *UHM216.20525\_S132* | *0.044916968* |
| *UHM219.20526\_S144* | *0.015032814* |
| *UHM236.20527\_S156* | *0.036143984* |
| *UHM238.20503\_S153* | *0.103239437* |
| *UHM245.20634\_S181* | *0.373788883* |
| *UHM252.20654\_S136* | *0.859320047* |
| *UHM267.20496\_S164* | *0.478772044* |
| *UHM274.20677\_S127* | *0.393029491* |
| *UHM276.20682\_S187* | *0.287450980* |
| *UHM280.20497\_S176* | *0.161063503* |
| *UHM286.20521\_S179* | *0.640734266* |
| *UHM289.20522\_S191* | *0.249829584* |
| *UHM294.20523\_S108* | *0.408584169* |
| *UHM298.20696\_S165* | *5.020547945* |
| *UHM325.20644\_S111* | *1.217607973* |
| *UHM337.20508\_S118* | *0.881009615* |
| *UHM354.20631\_S145* | *23.645161290* |
| *UHM356.20511\_S154* | *0.213391557* |
| *UHM369.20869\_S127* | *1.000000000* |
| *UHM370.20870\_S139* | *1.377819549* |
| *UHM372.20871\_S151* | *0.609310058* |
| *UHM373.20872\_S163* | *1.313620072* |
| *UHM374.20873\_S175* | *7.186274510* |
| *UHM375.20874\_S187* | *0.527338129* |
| *UHM377.20875\_S104* | *1.539915966* |
| *UHM382.20876\_S116* | *10.180555556* |
| *UHM386.20877\_S128* | *2.599290780* |
| *UHM387.20878\_S140* | *3.919786096* |
| *UHM414.20679\_S151* | *5.161971831* |
| *UHM418.20861\_S126* | *3.739795918* |
| *UHM422.20862\_S138* | *0.109142347* |
| *UHM425.20863\_S150* | *1.163492063* |
| *UHM426.20630\_S133* | *0.032558966* |
| *UHM428.20640\_S158* | *6.373913043* |
| *UHM429.20655\_S148* | *0.068755276* |
| *UHM435.20643\_S99* | *0.186942107* |
| *UHM437.20864\_S162* | *2.227963526* |
| *UHM439.20660\_S113* | *1.141744548* |
| *UHM443.20524\_S120* | *1.000000000* |
| *UHM445.20665\_S173* | *73.300000000* |
| *UHM447.20879\_S152* | *14.959183673* |
| *UHM448.20865\_S174* | *0.330477908* |
| *UHM452.20880\_S164* | *0.840596330* |
| *UHM454.20866\_S186* | *1.665909091* |
| *UHM455.20881\_S176* | *2.118497110* |
| *UHM458.20882\_S188* | *14.372549020* |
| *UHM459.20883\_S105* | *5.470149254* |
| *UHM461.20867\_S103* | *0.187756148* |
| *UHM467.20868\_S115* | *2.341853035* |
| *UHM470.20629\_S121* | *0.645814978* |
| *UHM476.20510\_S142* | *0.554882665* |
| *UHM478.20645\_S123* | *0.047244602* |
| *UHM479.20647\_S147* | *0.015253990* |
| *UHM481.20499\_S105* | *0.085084156* |
| *UHM482.20686\_S140* | *0.029153243* |
| *UHM483.20699\_S106* | *3.646766169* |
| *UHM519.20678\_S139* | *0.468969930* |
| *UHM520.20669\_S126* | *16.659090909* |
| *UHM836.20481\_S174* | *0.410414334* |
| *UHM837.20482\_S186* | *0.146688013* |
| *UHM838.20483\_S103* | *12.216666667* |
| *UHM891.20480\_S162* | *7.715789474* |
| *UHM892.20628\_S109* | *2.714814815* |
| *UHM893.20691\_S105* | *28.192307692* |
| *UHM894.20636\_S110* | *15.270833333* |
| *UHM895.20632\_S157* | *1.800982801* |
| *UHM896.20697\_S177* | *15.934782609* |
| *UHM897.20687\_S152* | *3.898936170* |
| *UHM898.20490\_S187* | *2.704797048* |
| *UHM899.20684\_S116* | *1.000000000* |
| *UHM900.20491\_S104* | *22.212121212* |
| *UHM901.20638\_S134* | *1.658371041* |
| *UHM902.20680\_S163* | *0.371515459* |
| *UHM903.20683\_S104* | *0.273609556* |
| *UHM904.20663\_S149* | *3.041493776* |
| *UHM905.20694\_S141* | *3.092827004* |
| *UHM906.20661\_S125* | *29.320000000* |
| *UHM907.20688\_S164* | *0.241914191* |
| *UHM908.20492\_S116* | *0.468670077* |
| *UHM909.20653\_S124* | *0.047974344* |
| *UHM910.20658\_S184* | *0.495270270* |
| *UHM965.20633\_S169* | *0.165127281* |
| *UHM966.20839\_S147* | *0.089412052* |
| *UHM967.20840\_S159* | *1.255136986* |
| *UHM968.20667\_S102* | *0.012972533* |
| *UHM969.20841\_S171* | *5.429629630* |
| *UHM971.20842\_S183* | *2.070621469* |
| *UHM973.20674\_S186* | *0.168235024* |
| *UHM974.20528\_S168* | *0.015603380* |
| *UHM975.20843\_S100* | *2.468013468* |
| *UHM977.20844\_S112* | *0.420298165* |
| *UHM978.20845\_S124* | *7.479591837* |
| *UHM979.20846\_S136* | *1.749403341* |
| *UHM980.20827\_S98* | *0.049925078* |
| *UHM981.20635\_S98* | *0.109305100* |
| *UHM982.20836\_S111* | *4.759740260* |
| *UHM983.20652\_S112* | *0.442632850* |
| *UHM984.20847\_S148* | *5.682170543* |
| *UHM985.20848\_S160* | *0.421022401* |
| *UHM988.20849\_S172* | *0.110474755* |
| *UHM989.20850\_S184* | *3.646766169* |
| *UHM991.20851\_S101* | *0.174192015* |
| *UHM993.20837\_S123* | *3.159482759* |
| *UHM996.20706\_S190* | *0.025157880* |
| *UHM997.20649\_S171* | *0.383970665* |
| *UHM998.20714\_S191* | *0.024668506* |
| *UHM999.20713\_S179* | *1.138198758* |