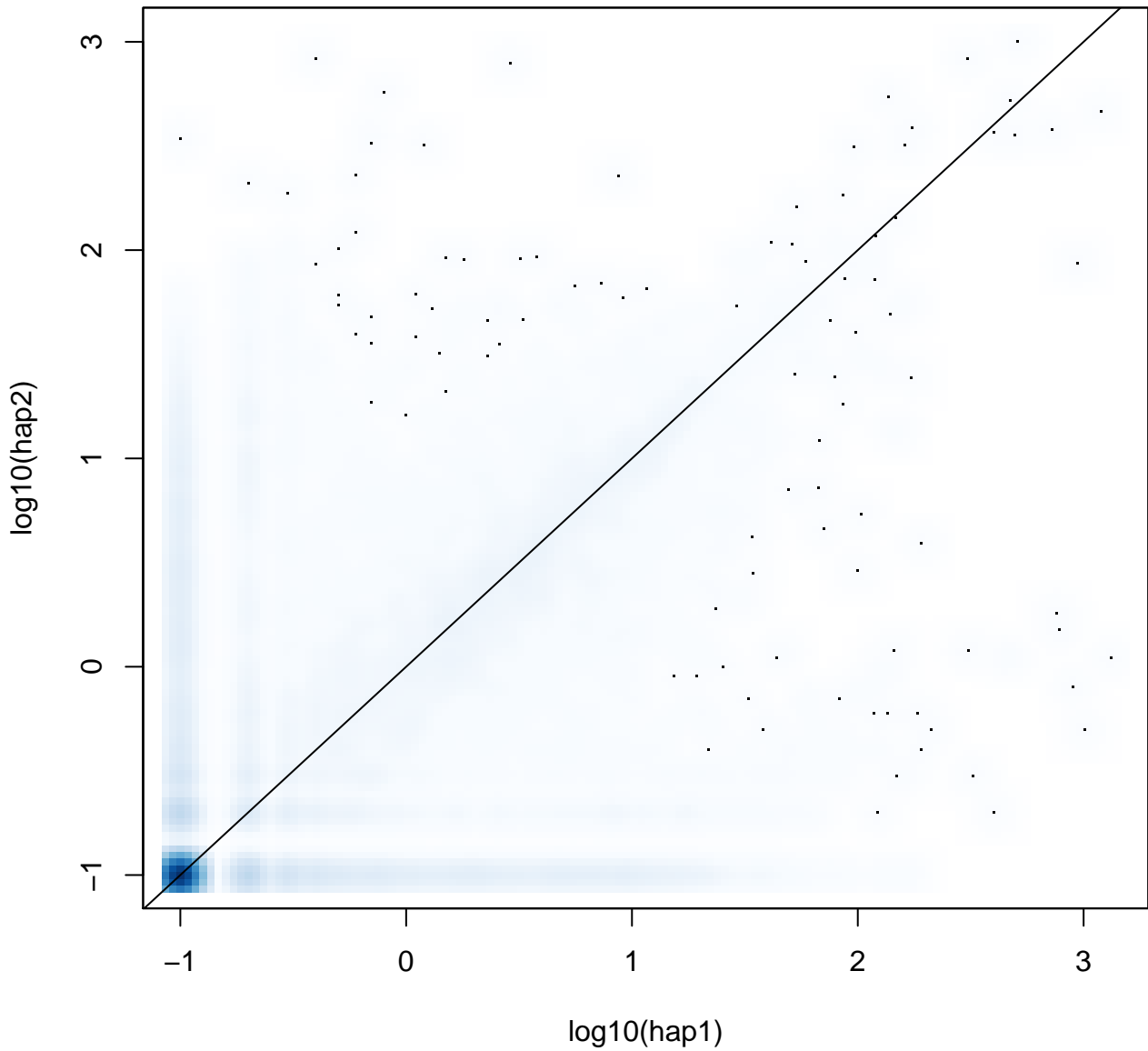
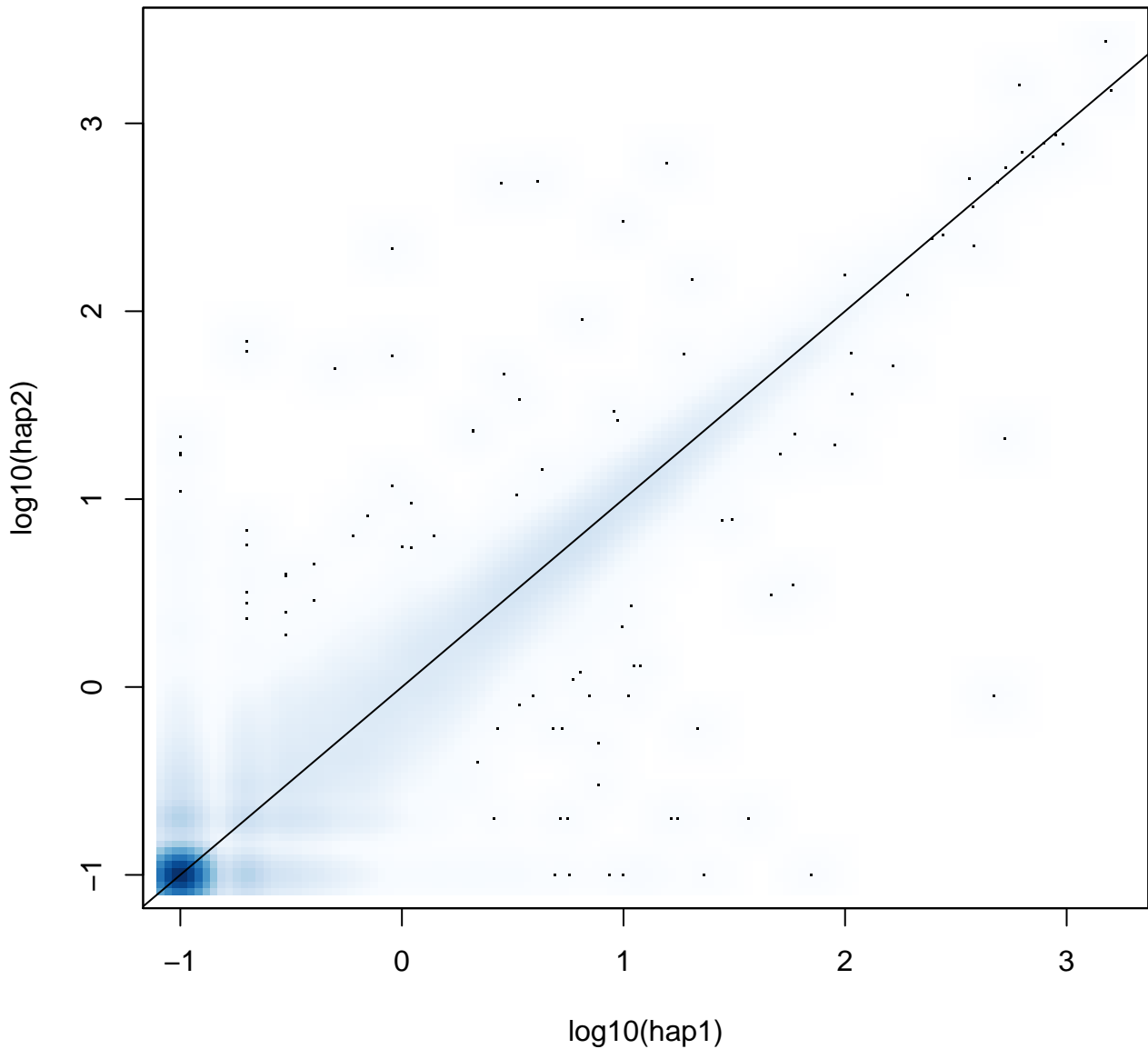


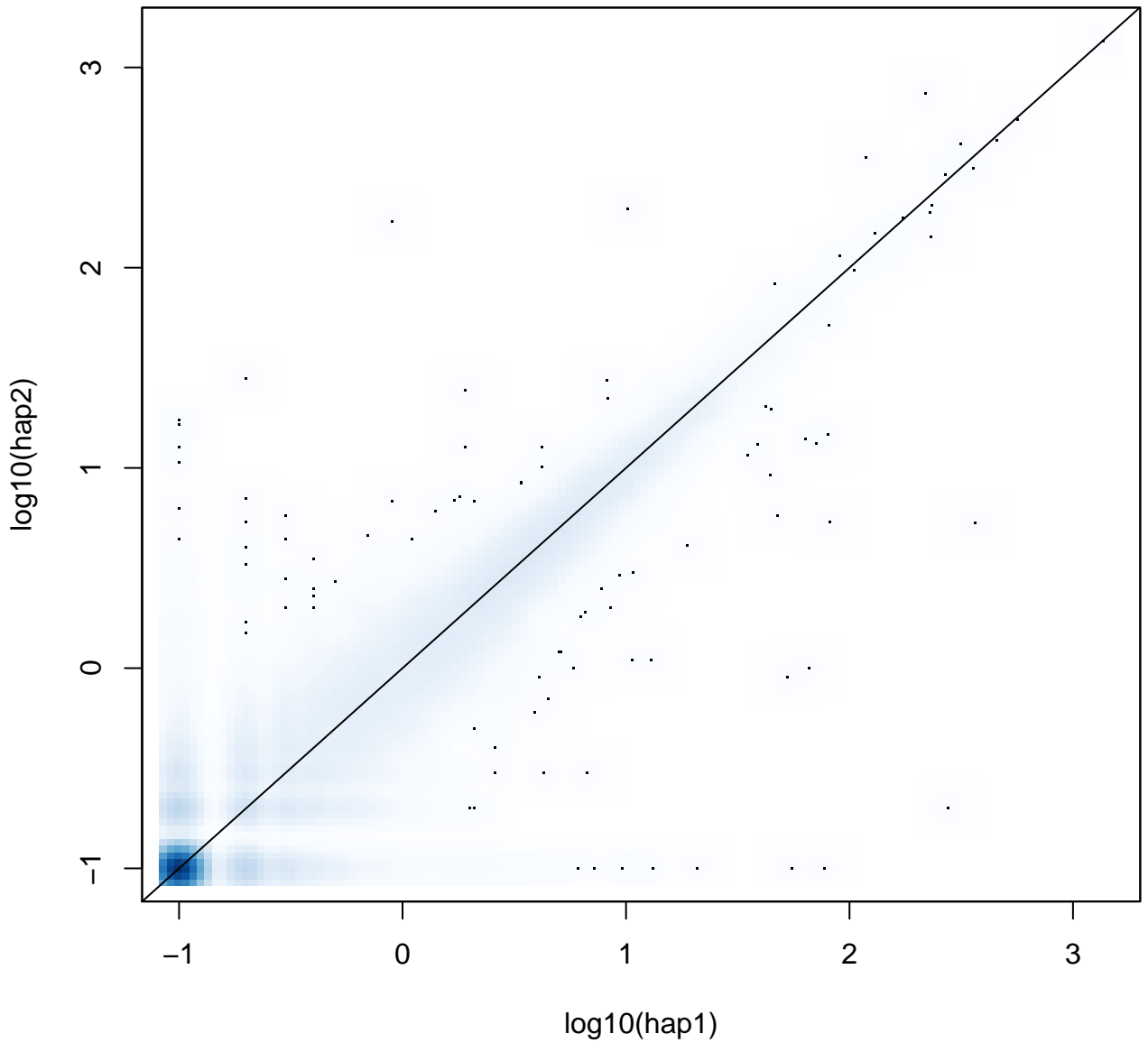
# HG00096: compare hap1 vs hap2 counts



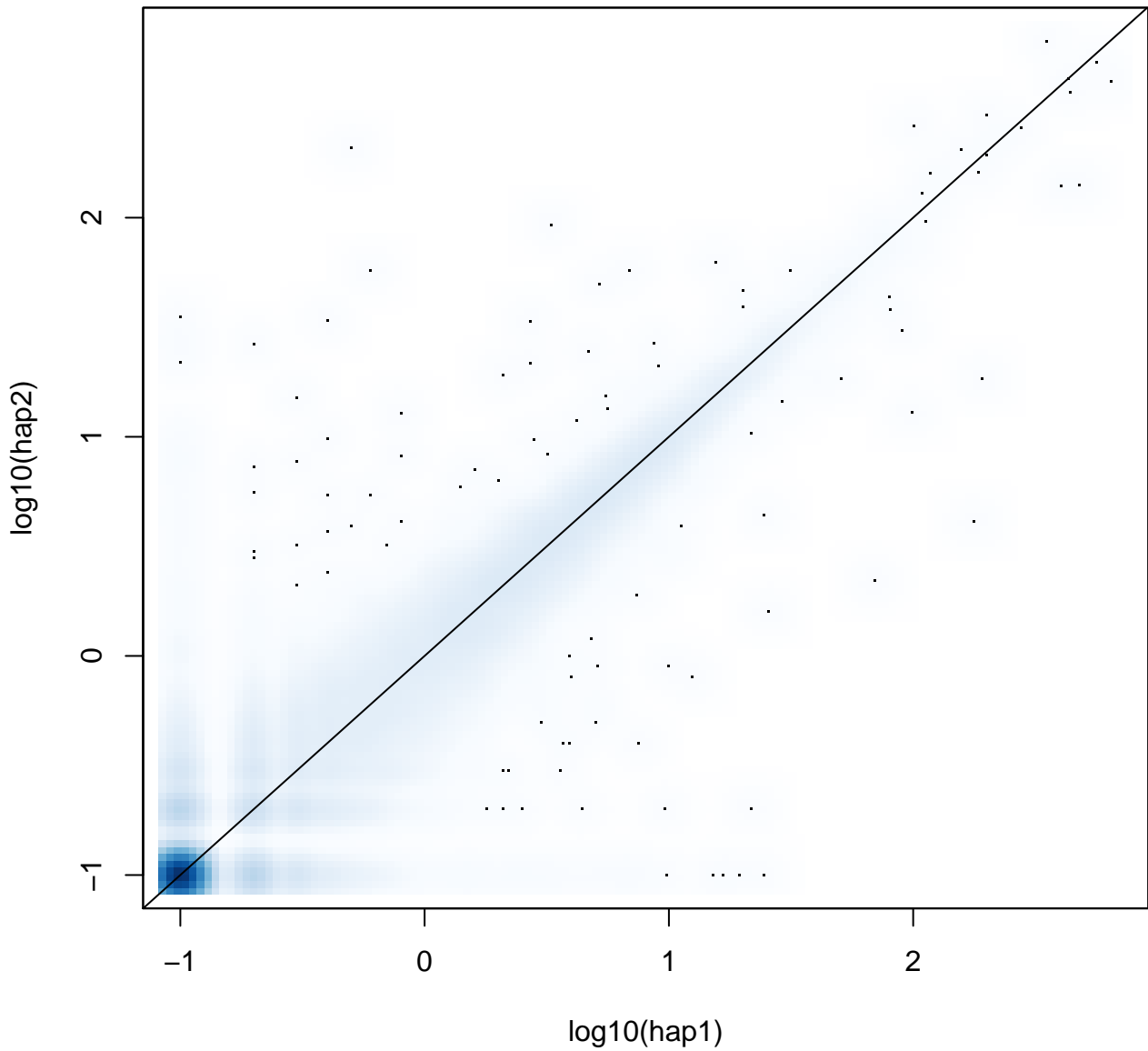
# HG00097: compare hap1 vs hap2 counts



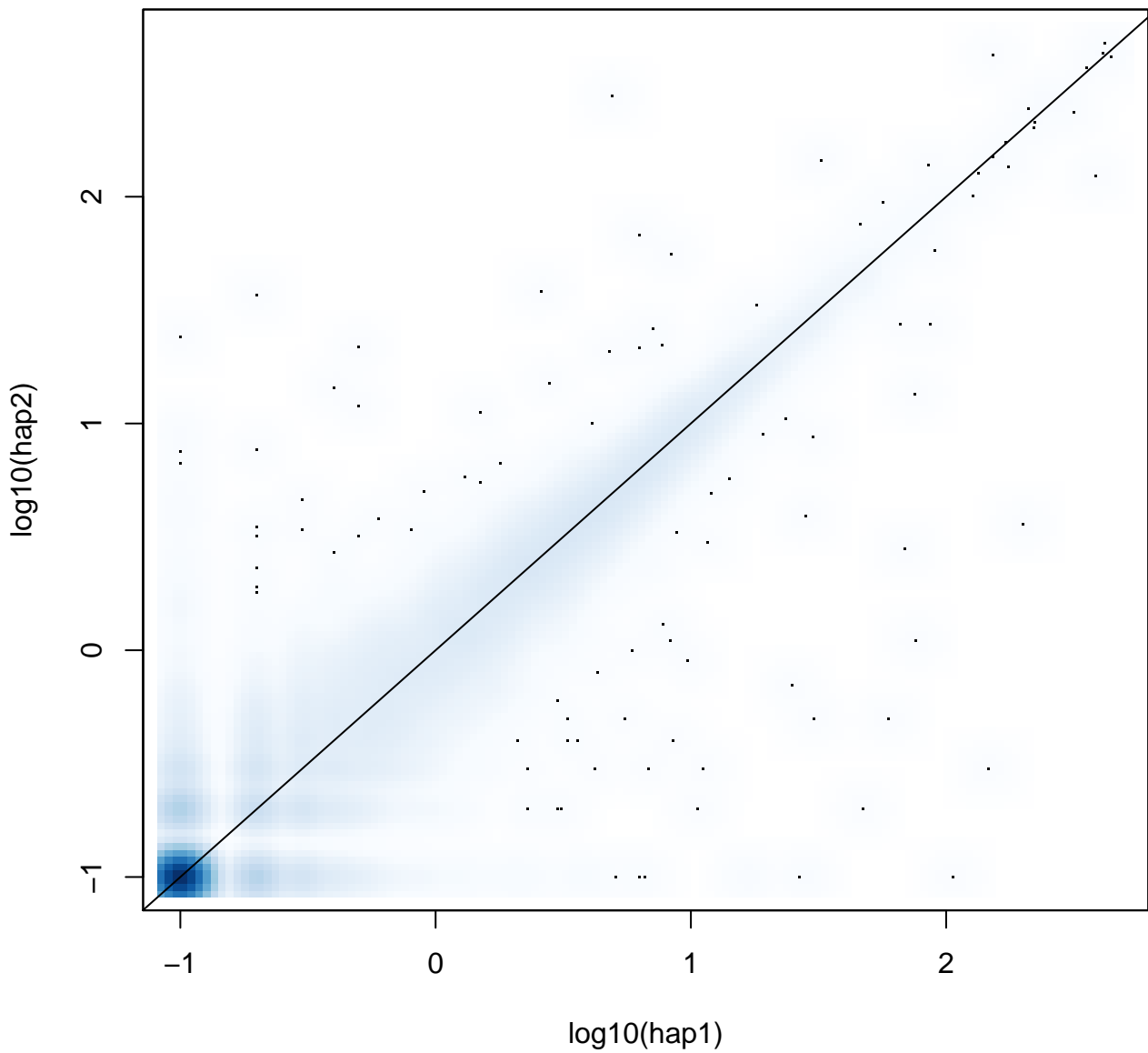
# HG00099: compare hap1 vs hap2 counts



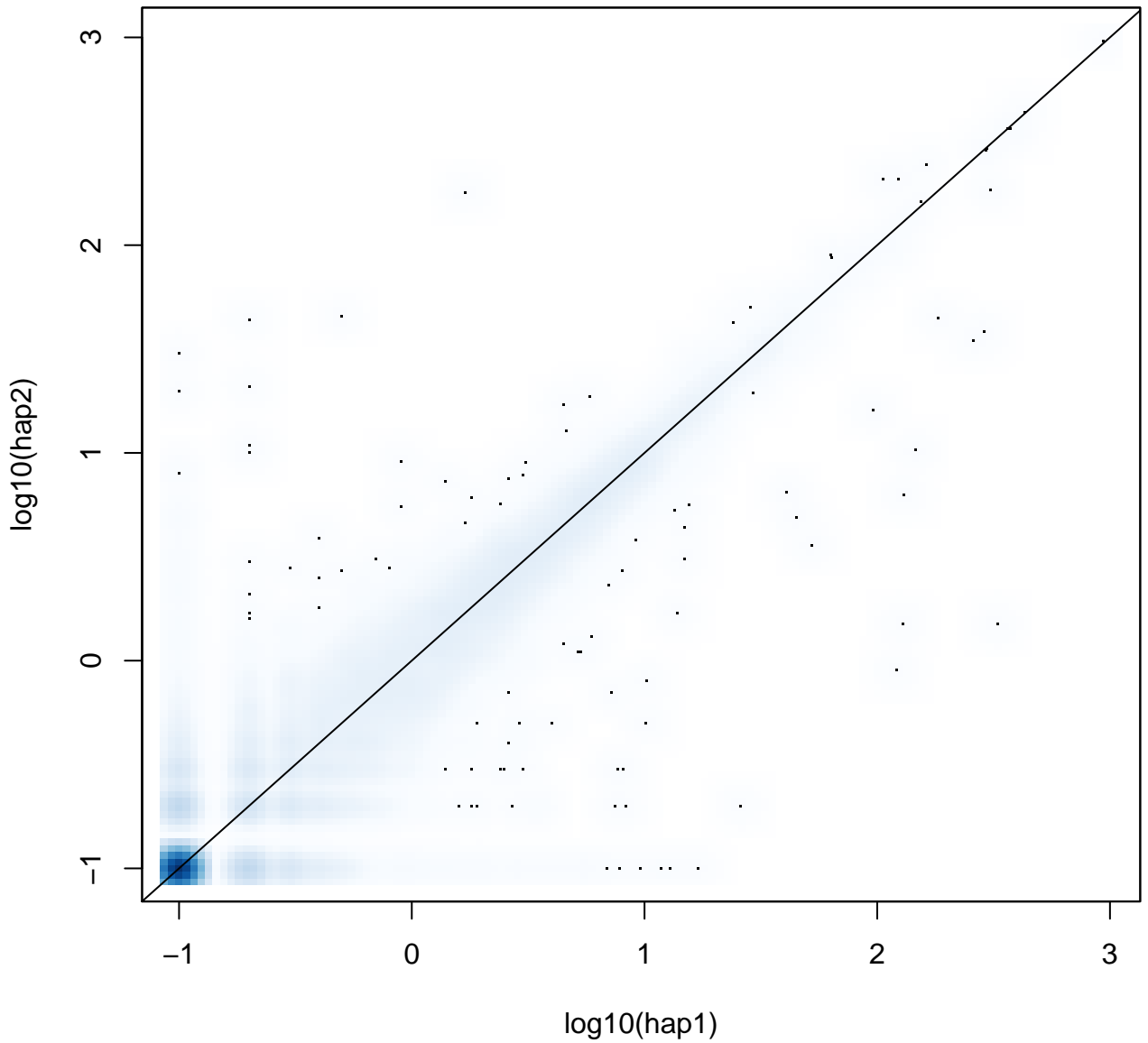
# HG00100: compare hap1 vs hap2 counts



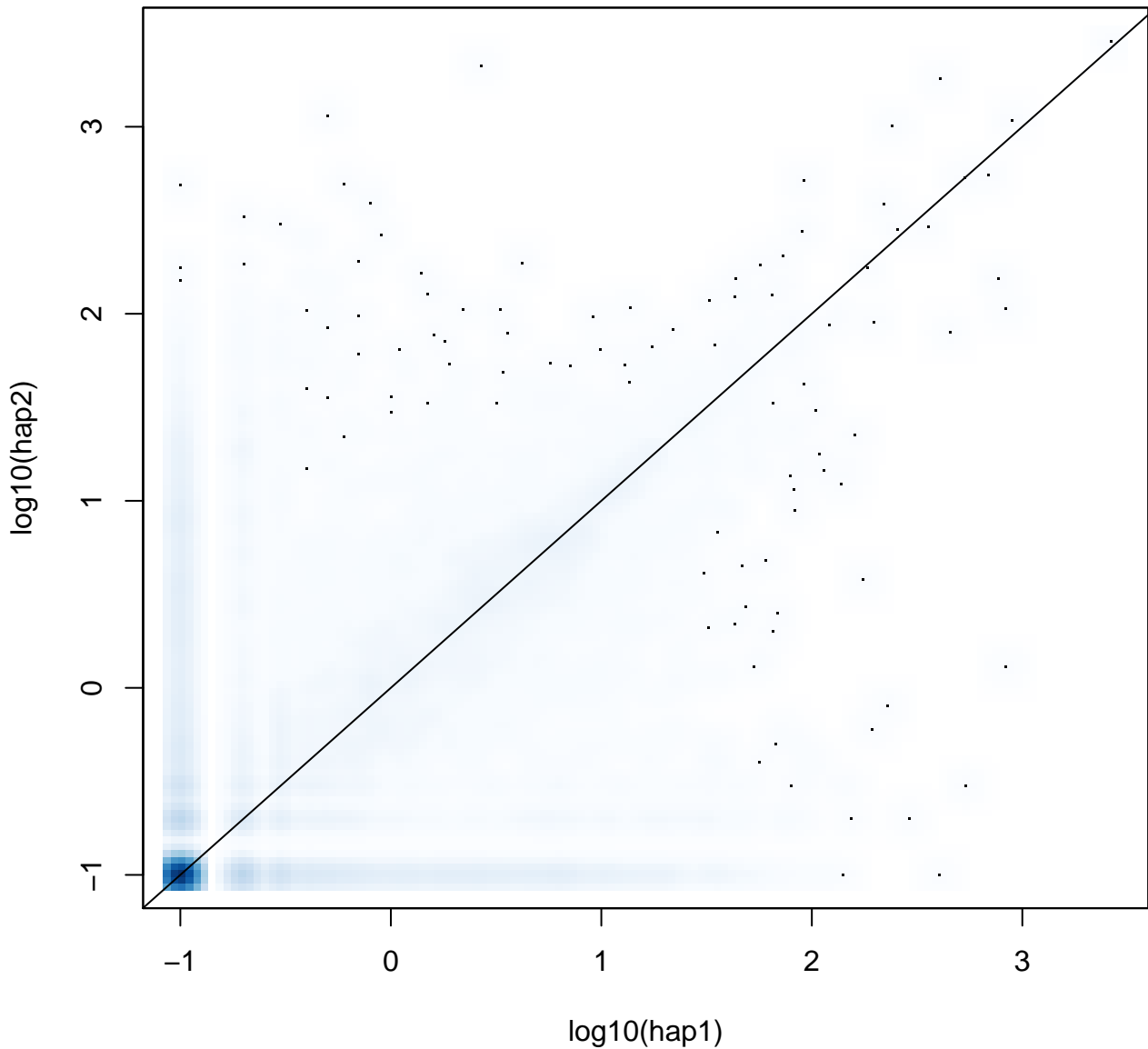
# HG00101: compare hap1 vs hap2 counts



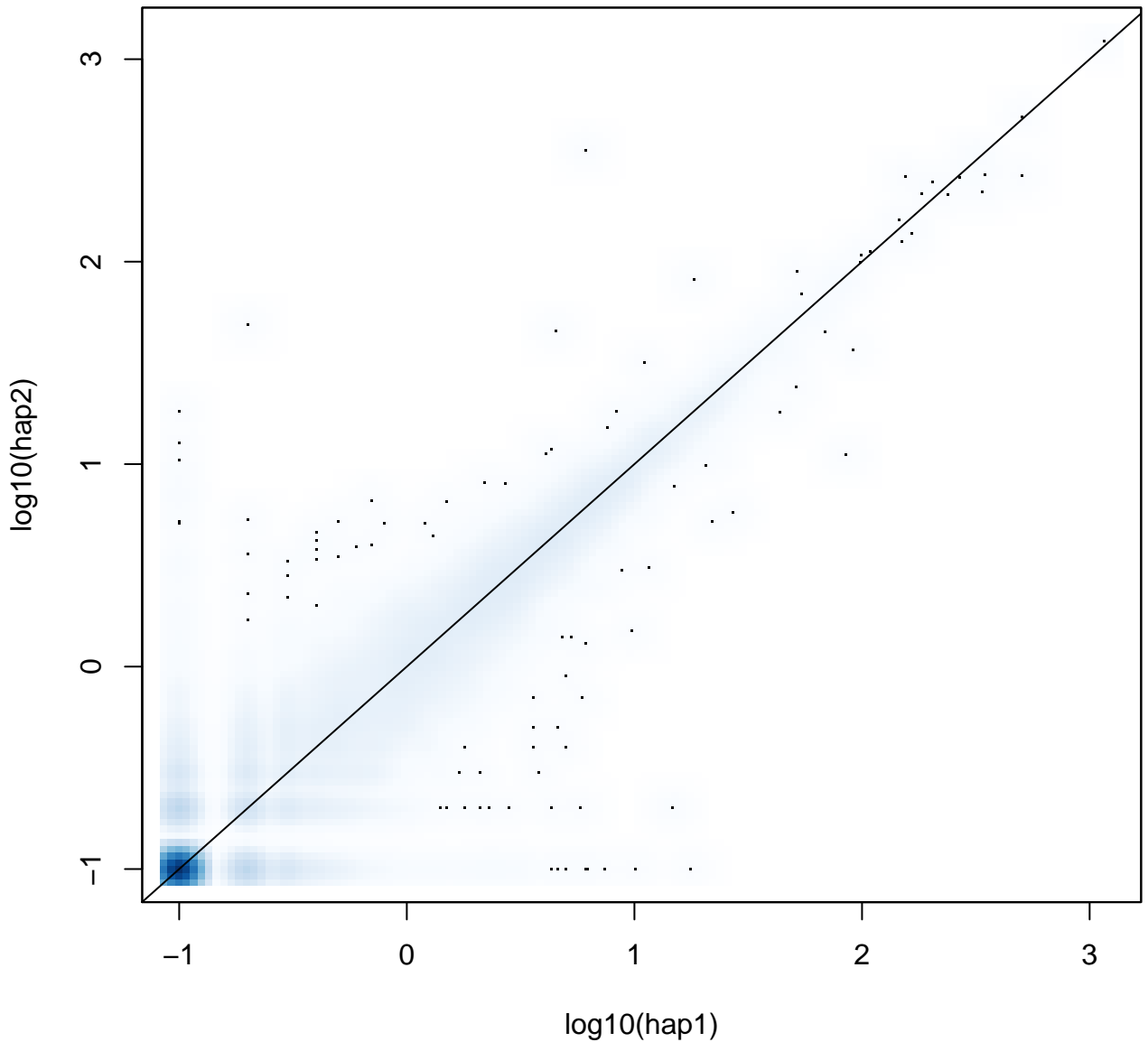
# HG00102: compare hap1 vs hap2 counts



# HG00103: compare hap1 vs hap2 counts

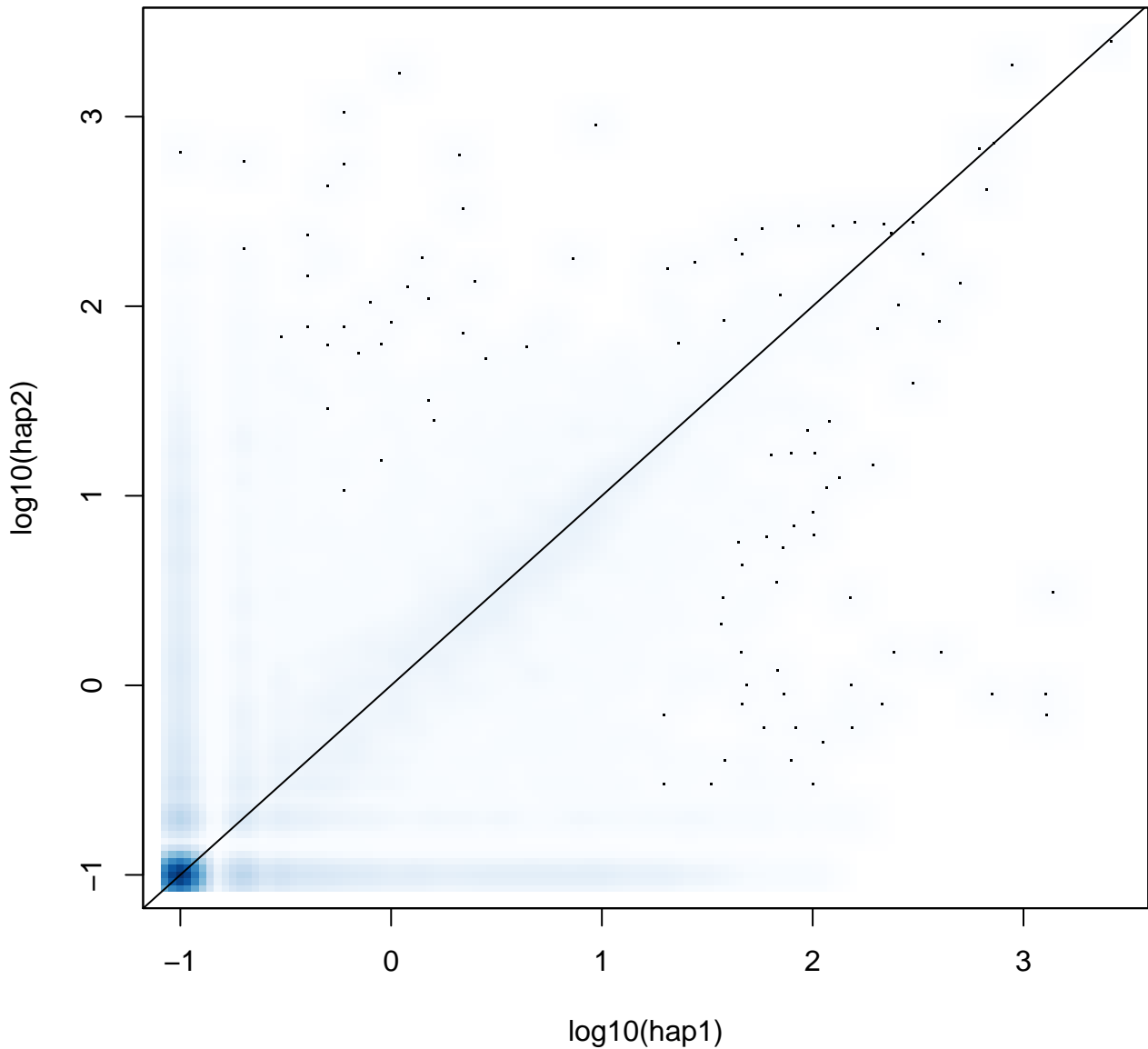


# HG00104: compare hap1 vs hap2 counts

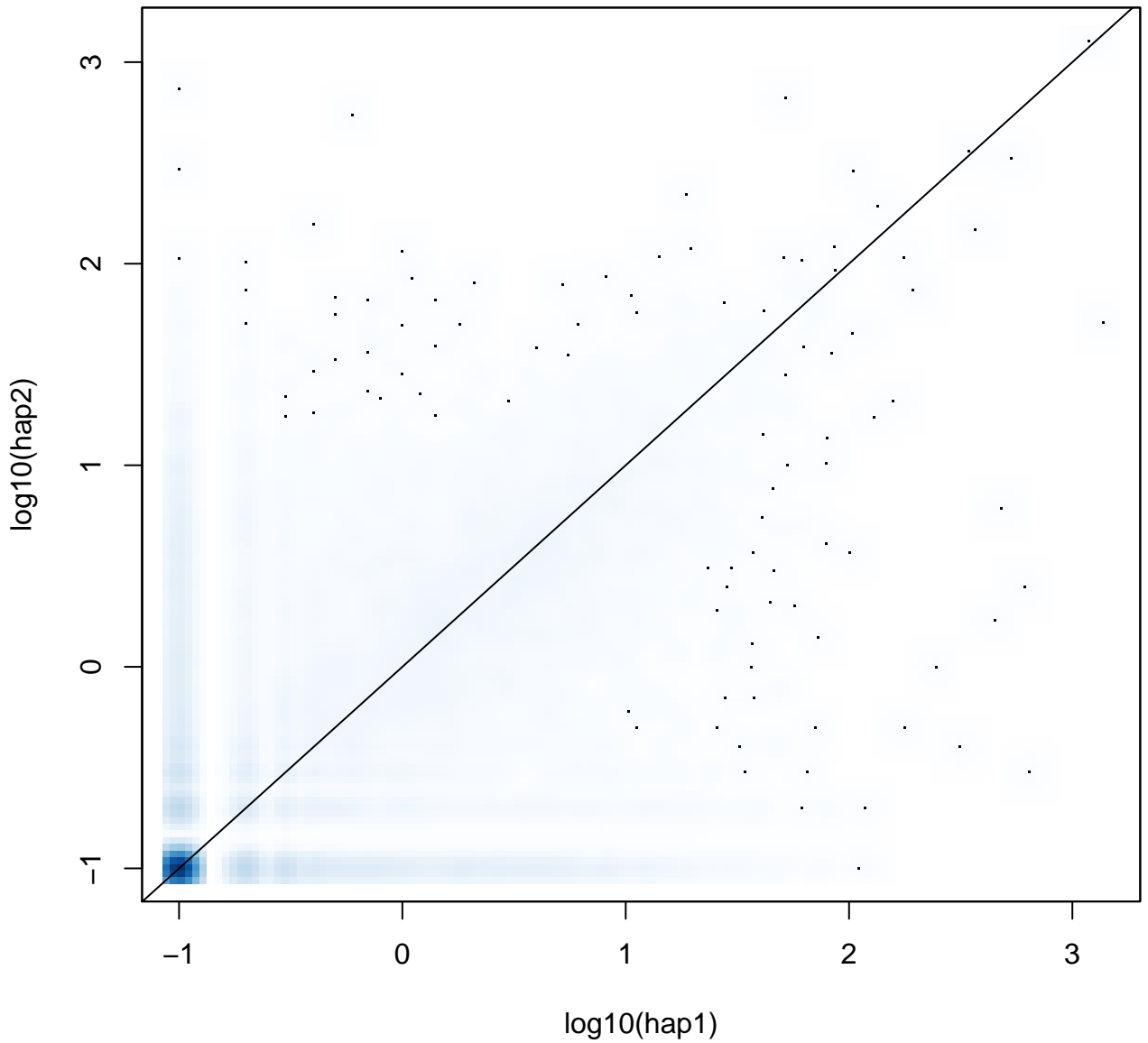




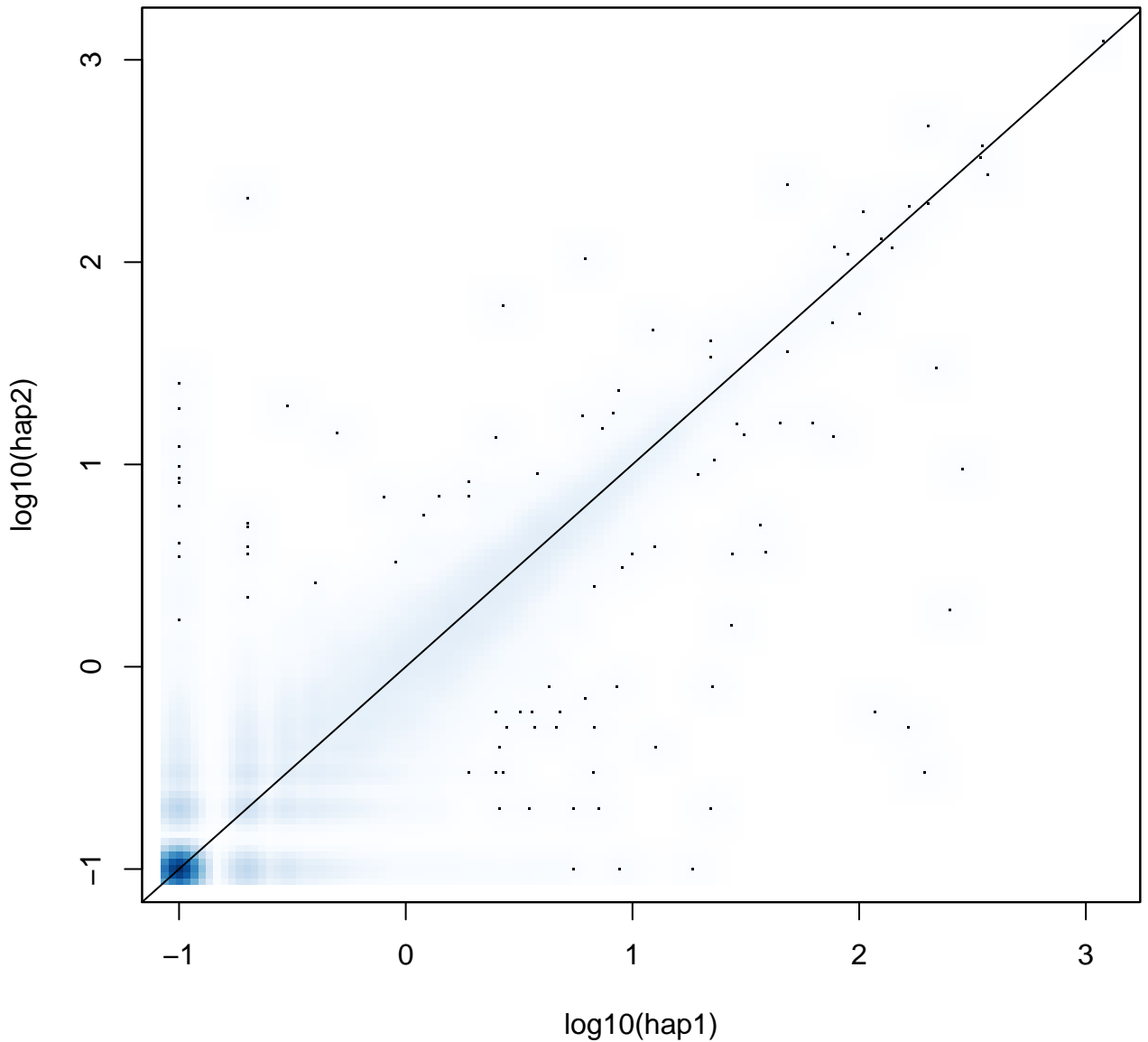
# HG00106: compare hap1 vs hap2 counts



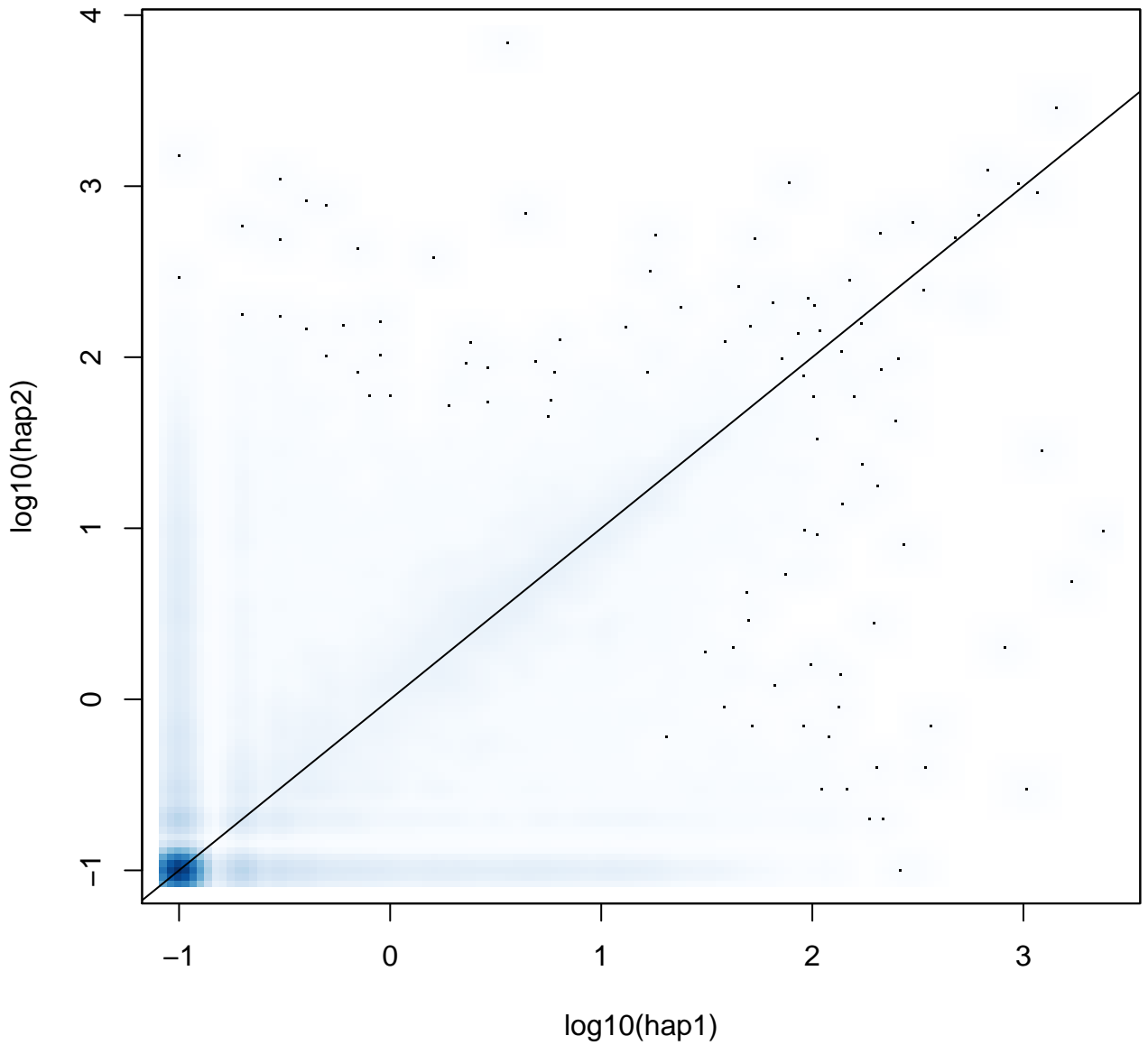
# HG00108: compare hap1 vs hap2 counts



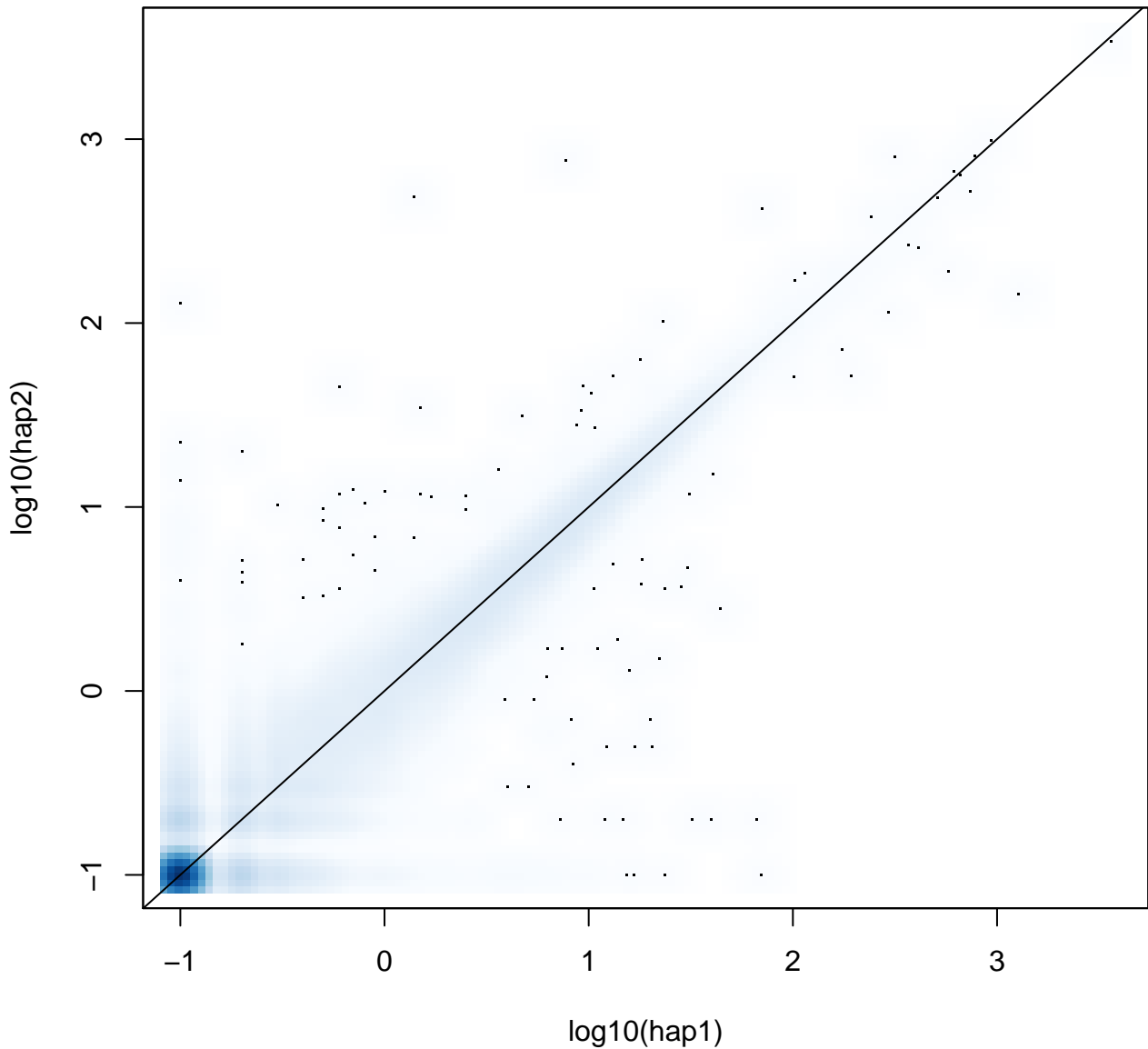
# HG00109: compare hap1 vs hap2 counts



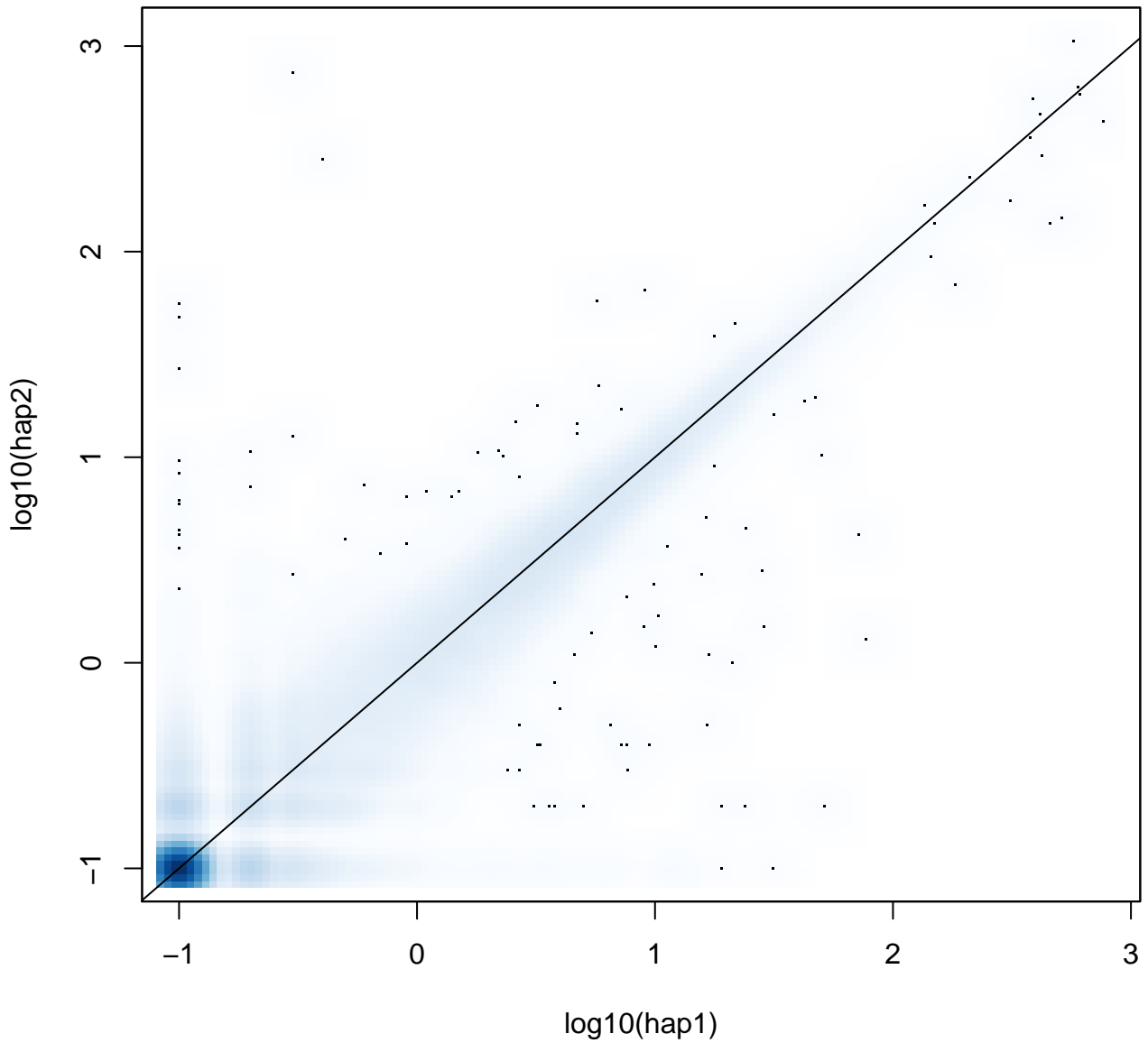
# HG00110: compare hap1 vs hap2 counts



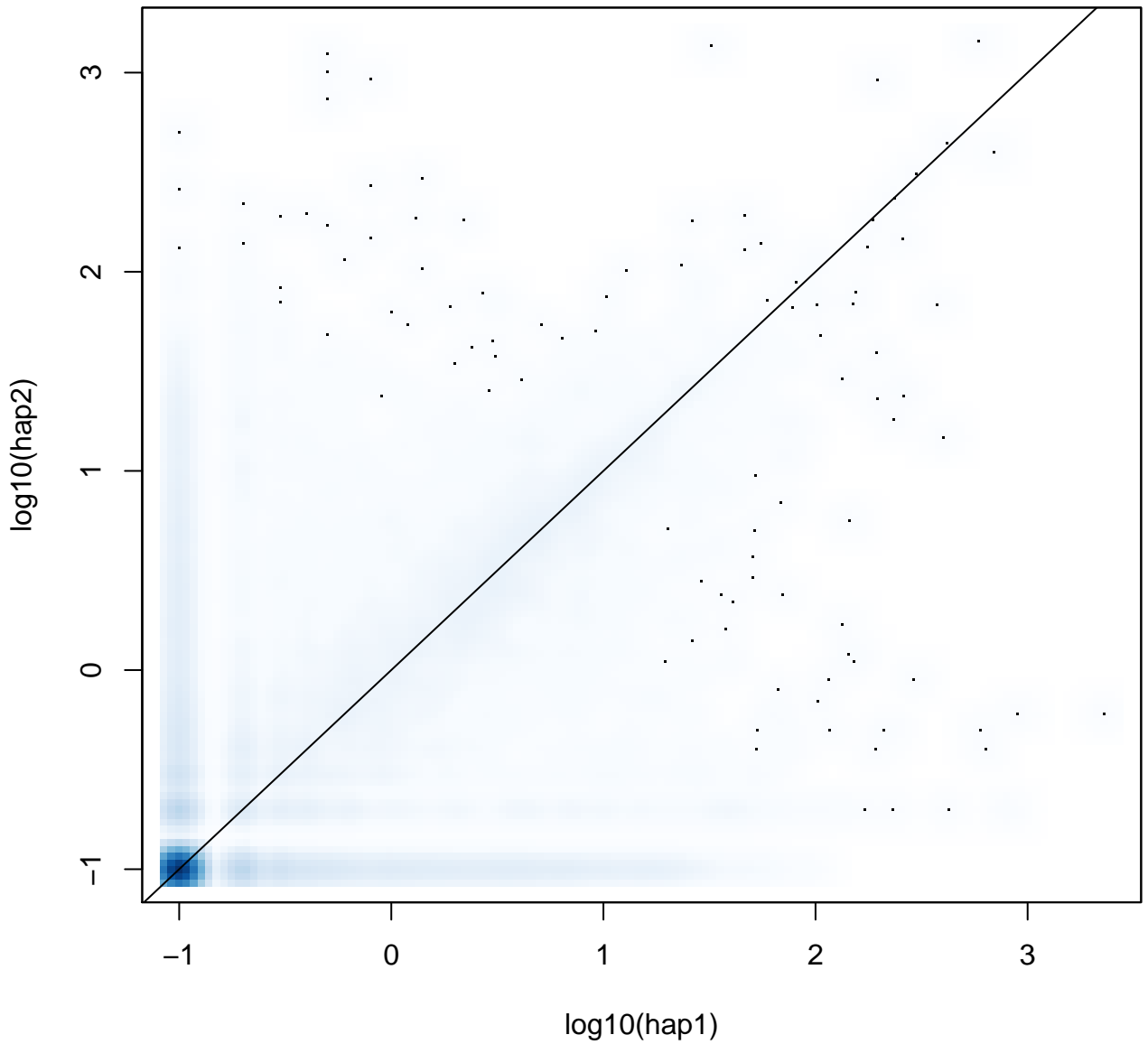
# HG00111: compare hap1 vs hap2 counts



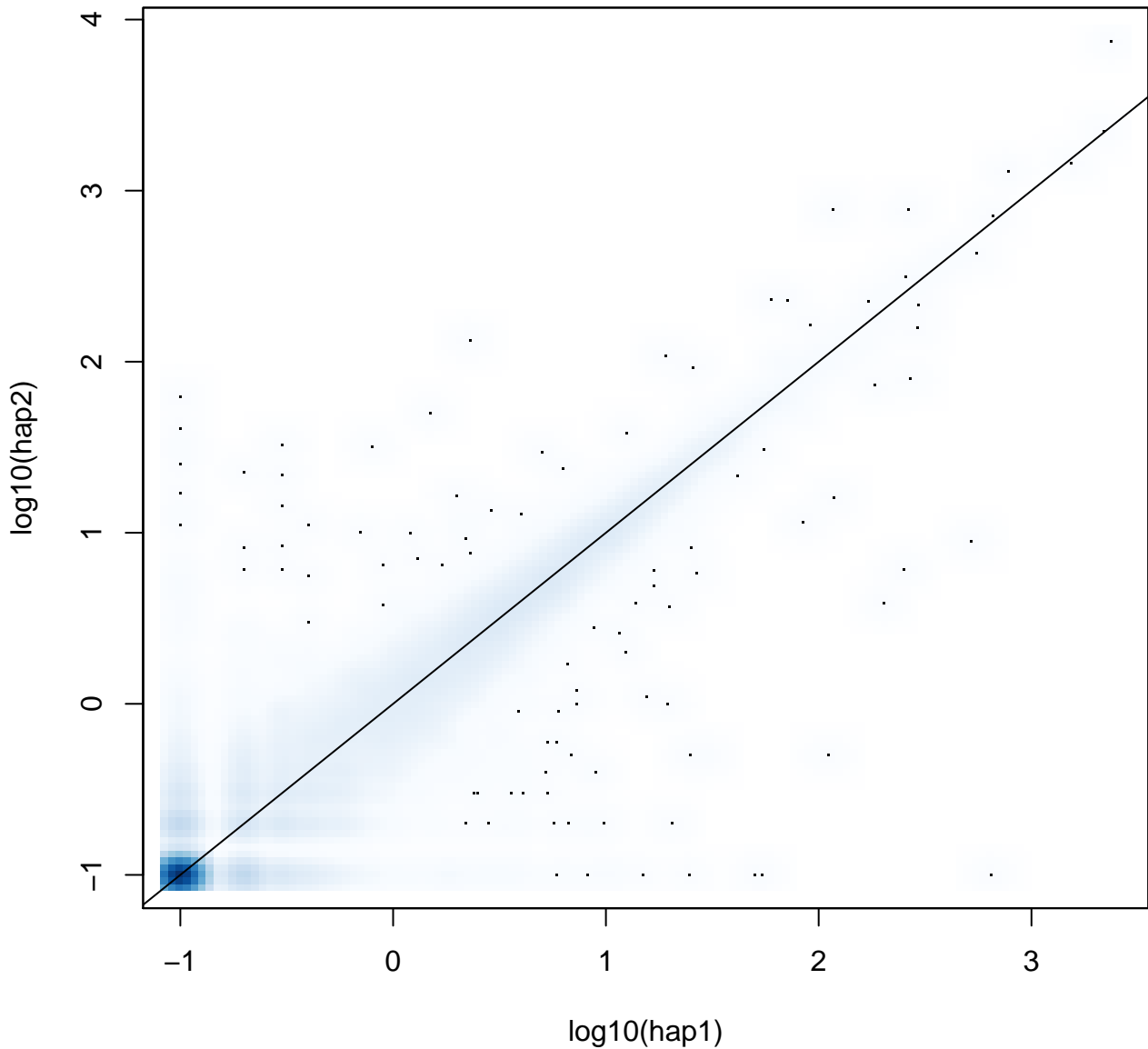
# HG00112: compare hap1 vs hap2 counts



# HG00114: compare hap1 vs hap2 counts

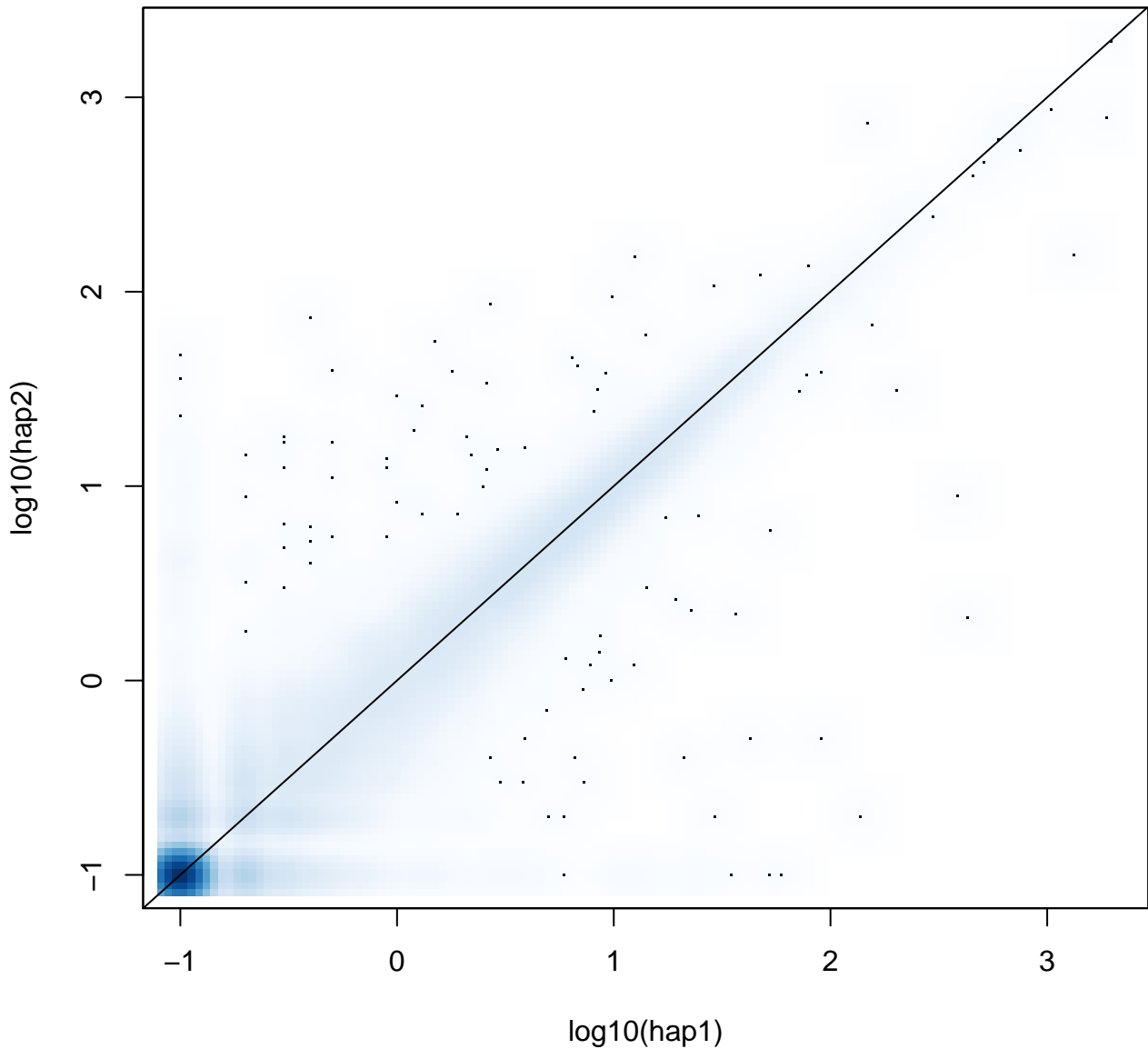


# HG00116: compare hap1 vs hap2 counts

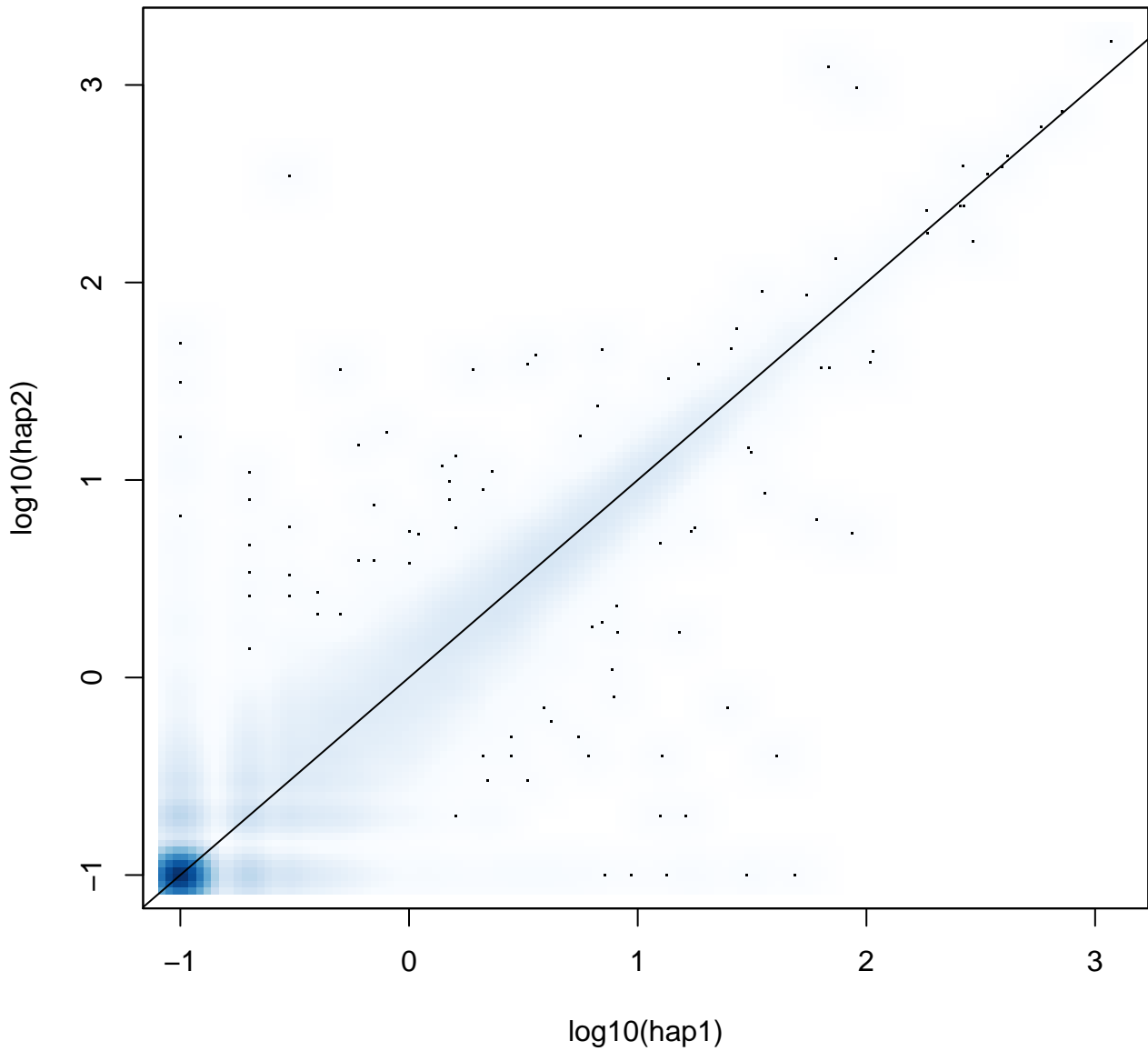




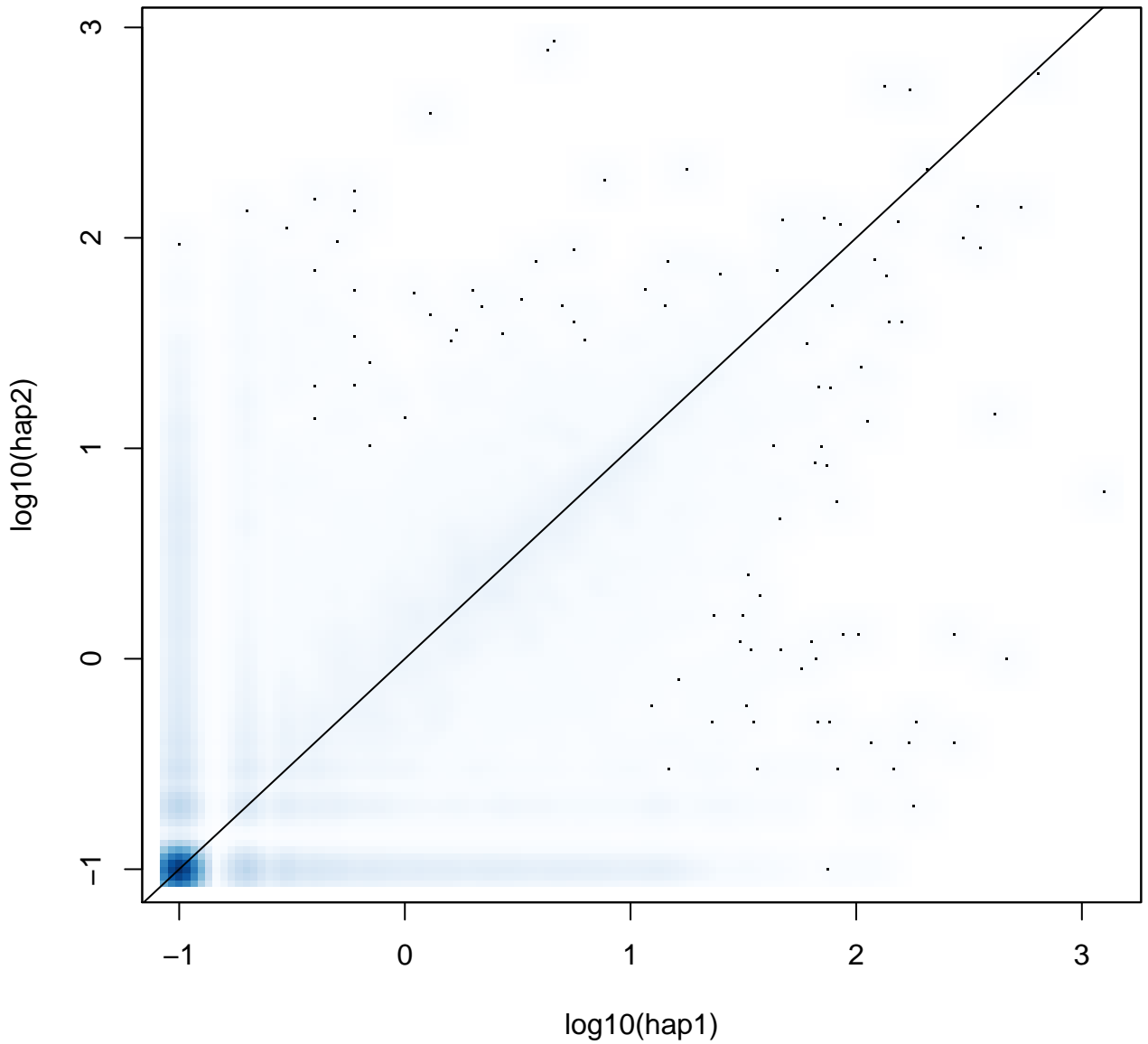
# HG00117: compare hap1 vs hap2 counts



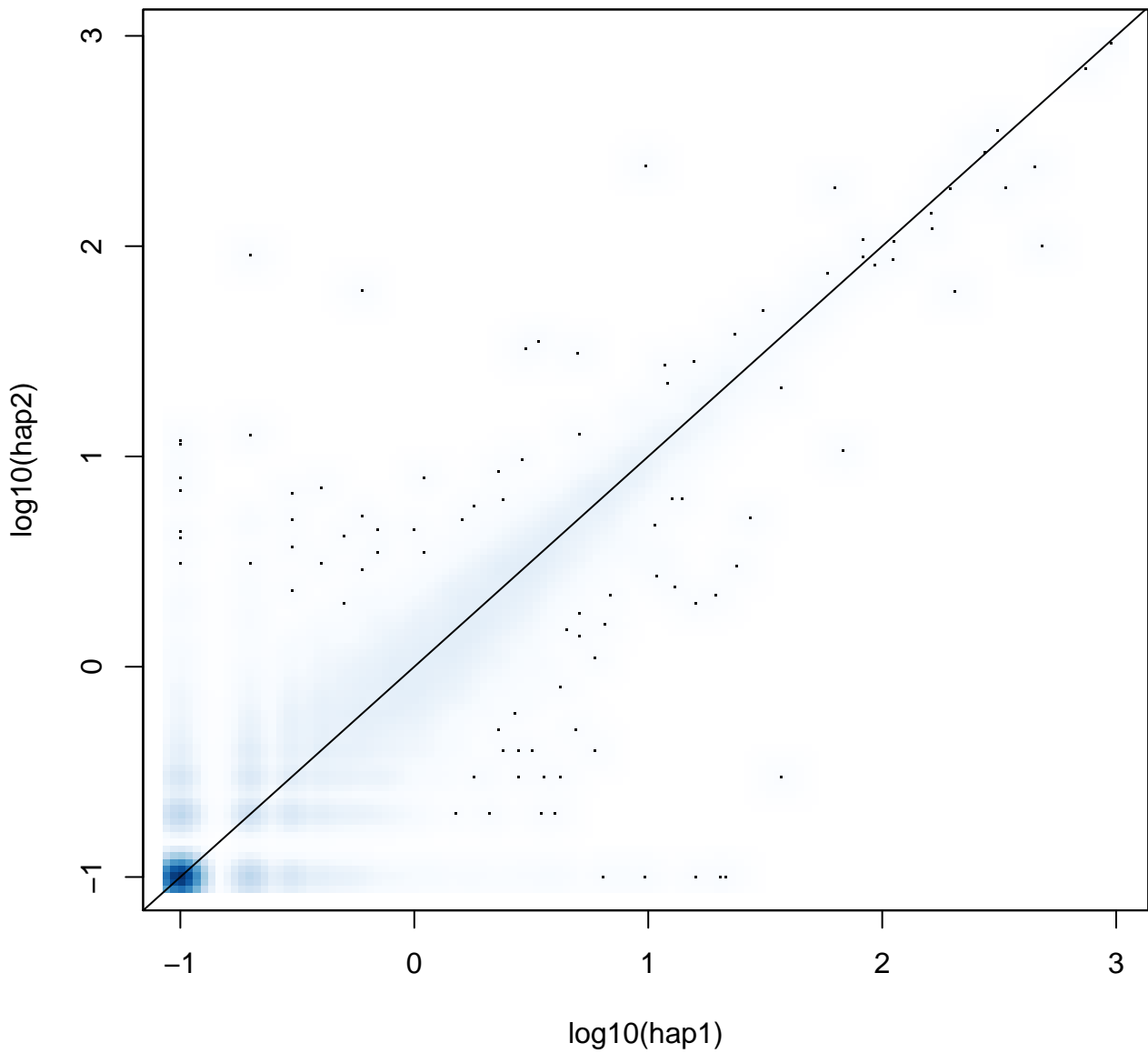
# HG00118: compare hap1 vs hap2 counts



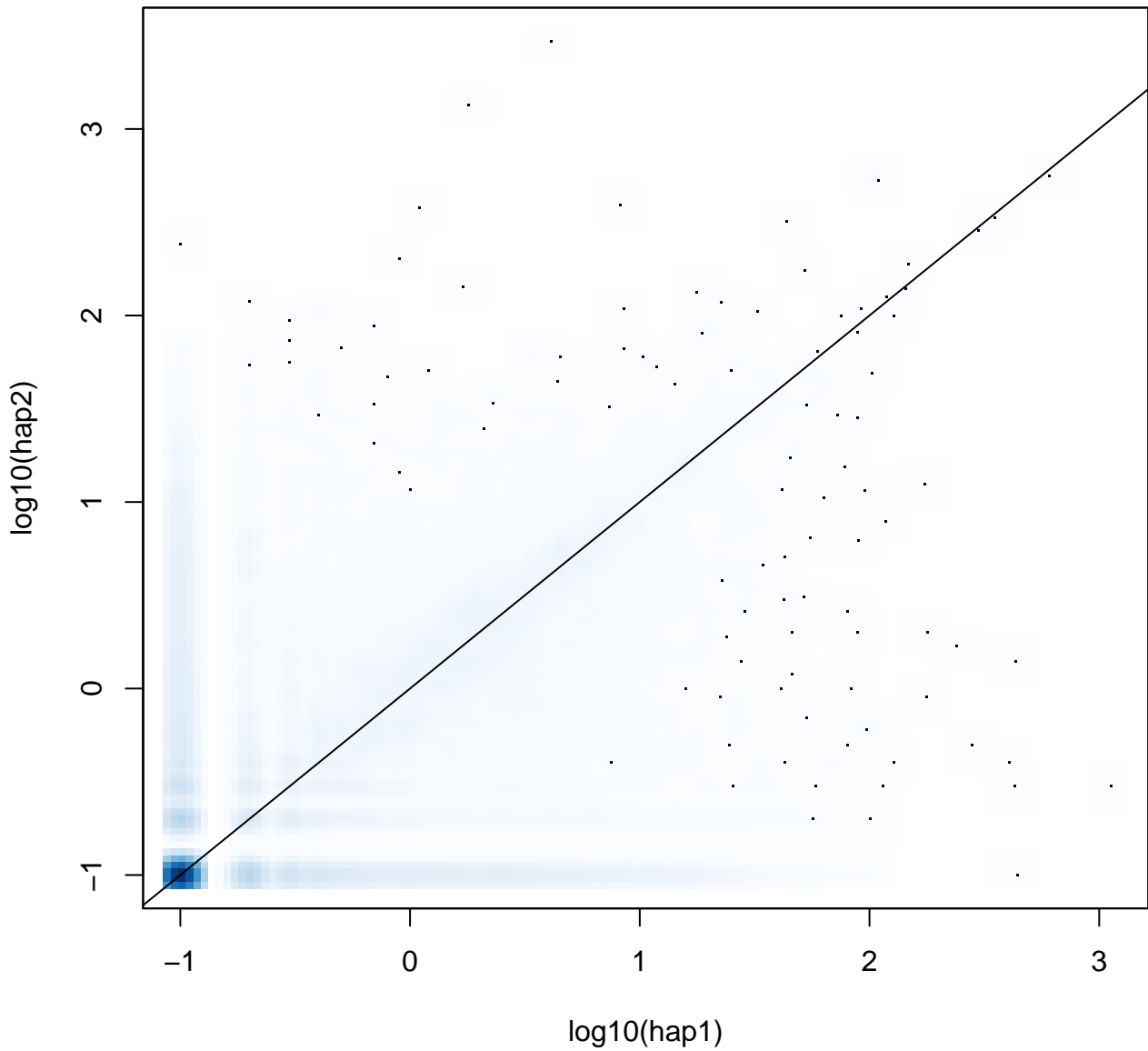
# HG00119: compare hap1 vs hap2 counts



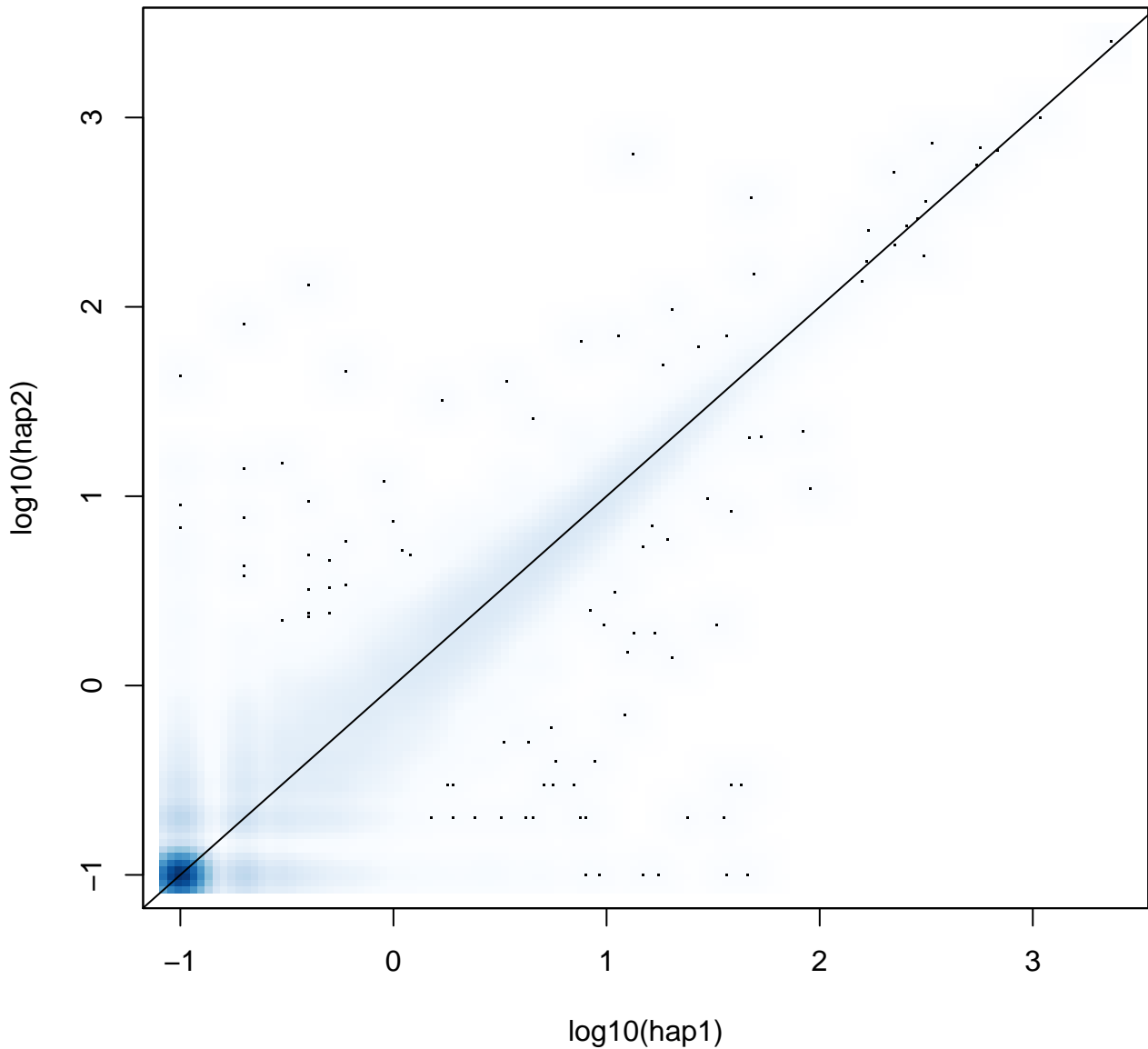
# HG00120: compare hap1 vs hap2 counts



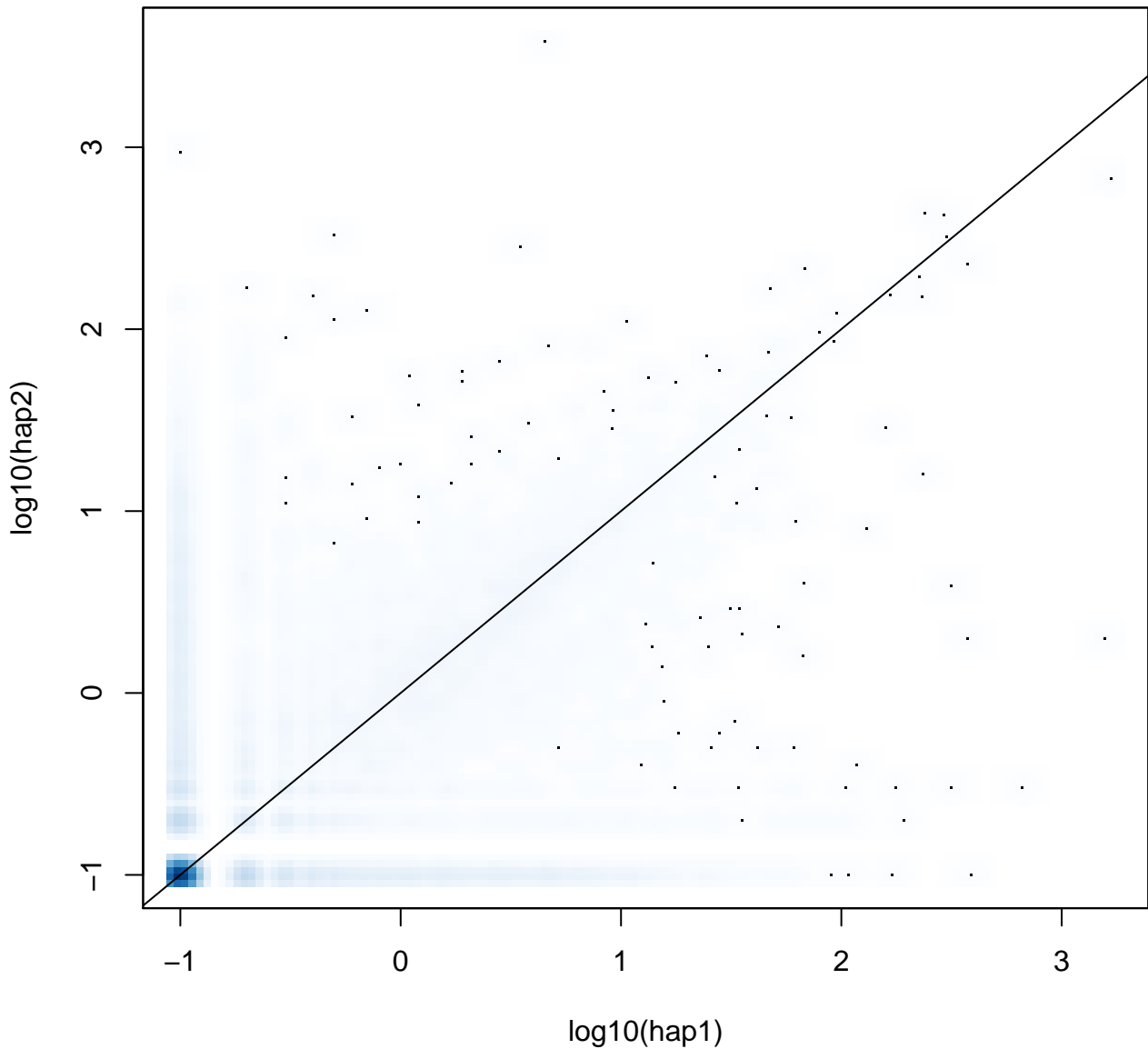
# HG00121: compare hap1 vs hap2 counts



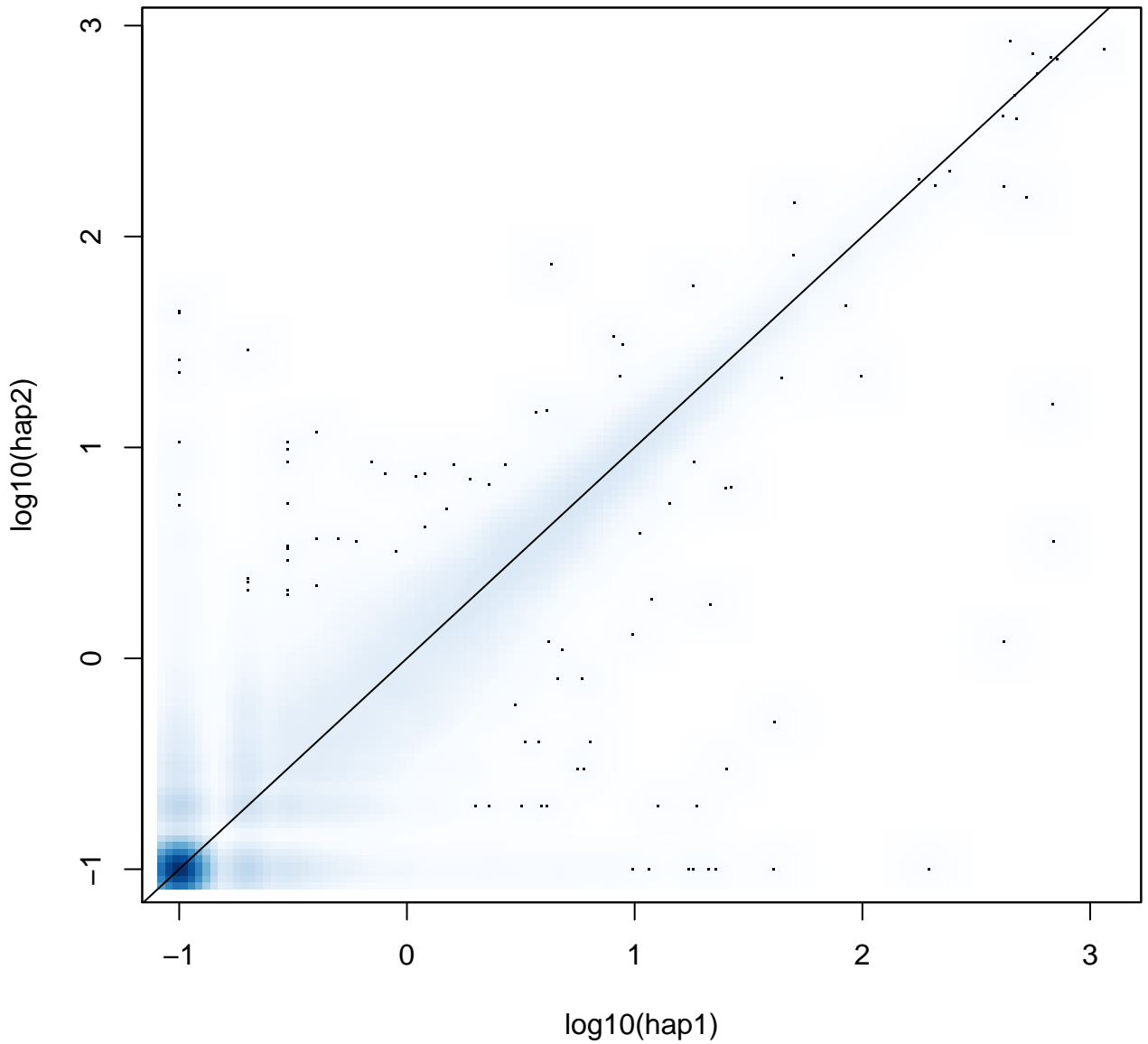
# HG00122: compare hap1 vs hap2 counts



# HG00123: compare hap1 vs hap2 counts

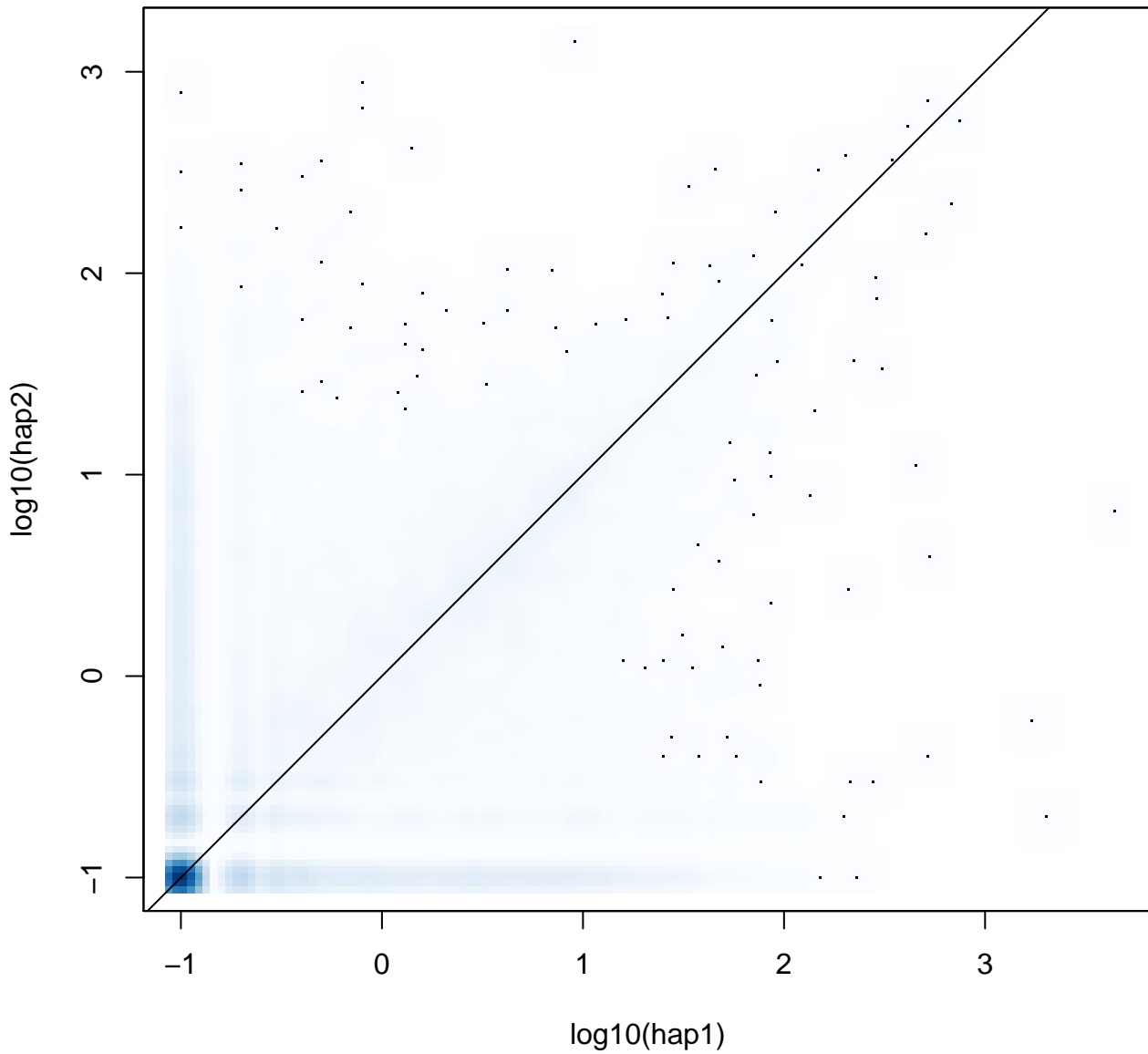


# HG00124: compare hap1 vs hap2 counts

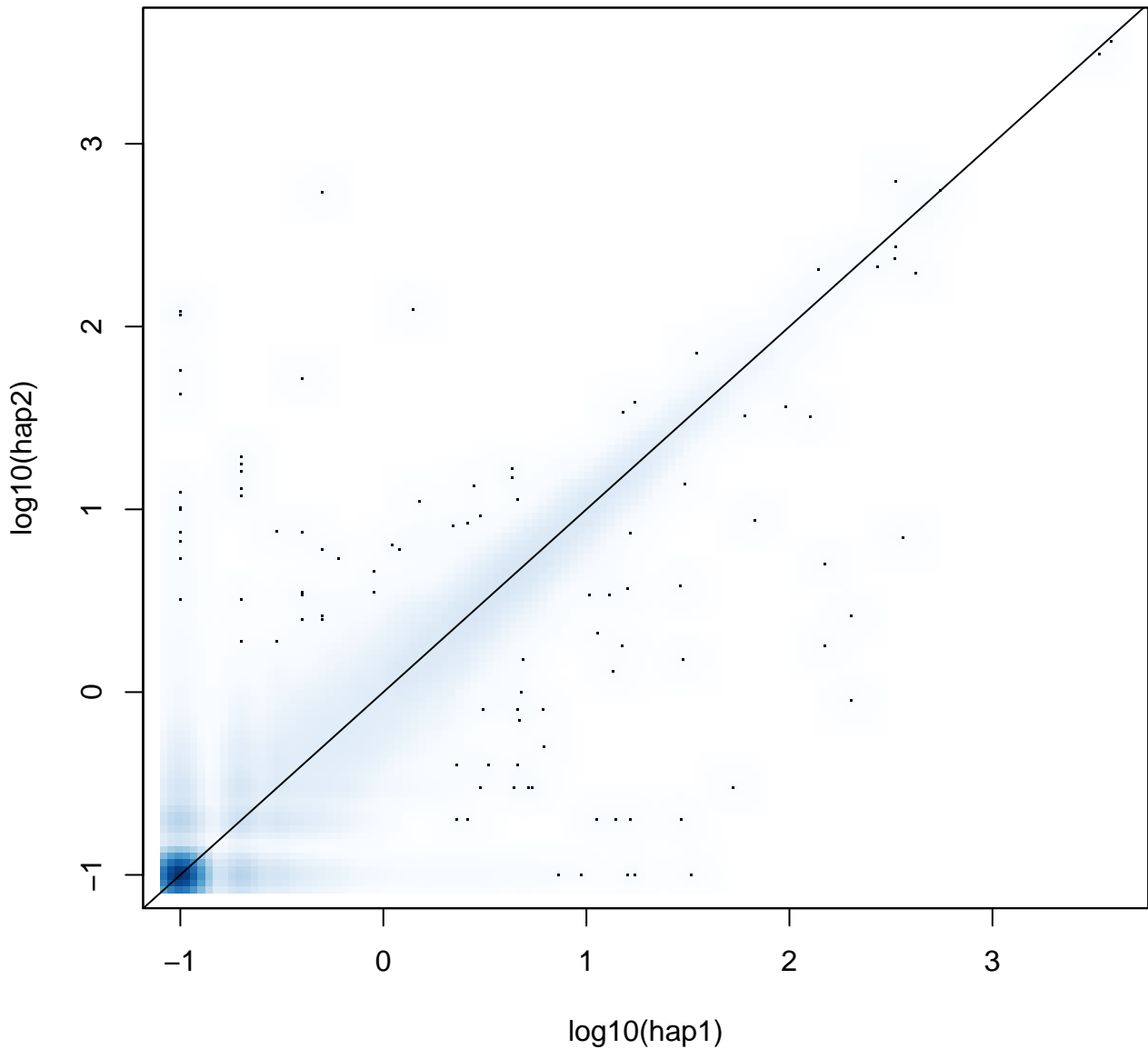




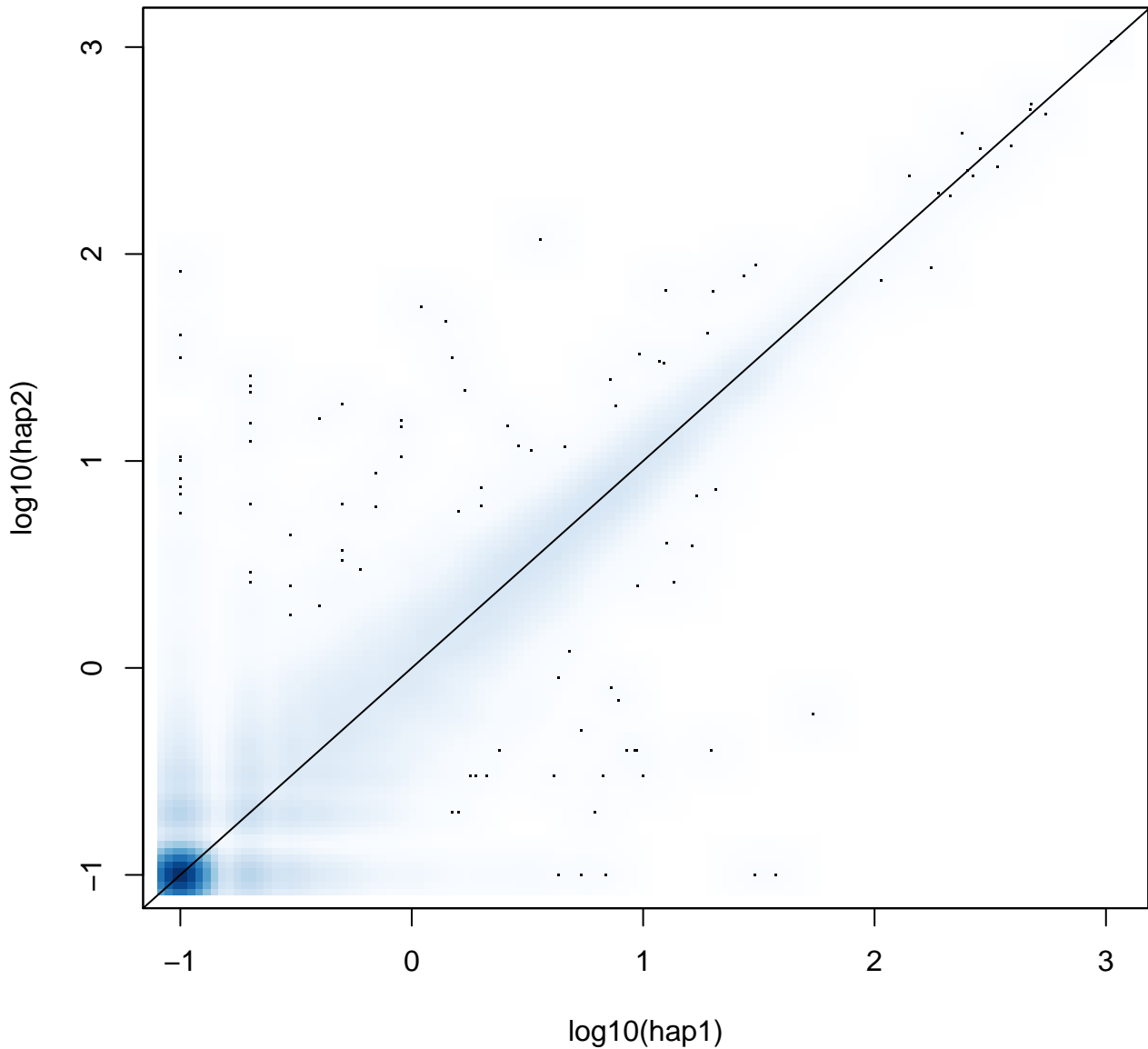
# HG00125: compare hap1 vs hap2 counts



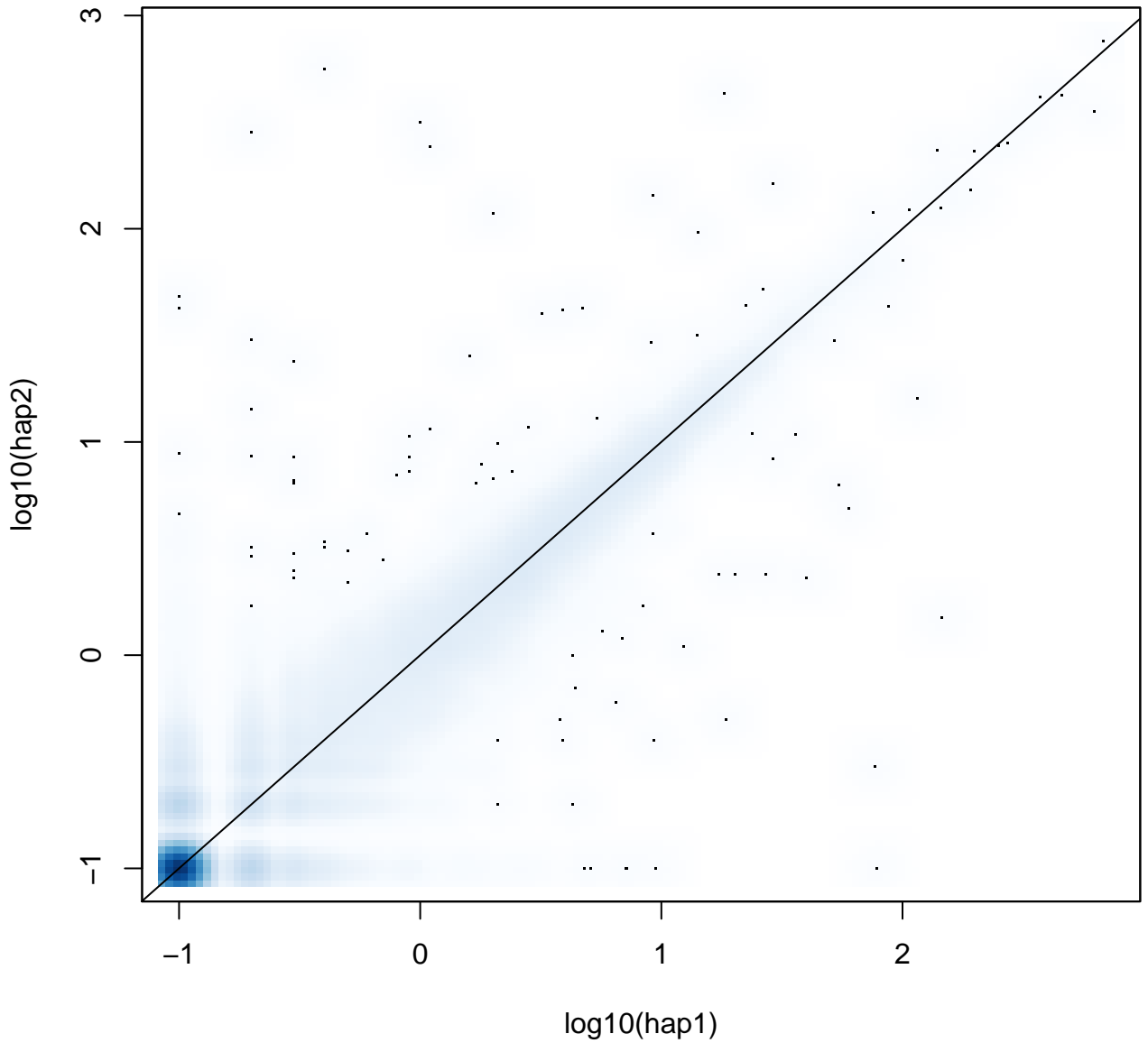
# HG00126: compare hap1 vs hap2 counts



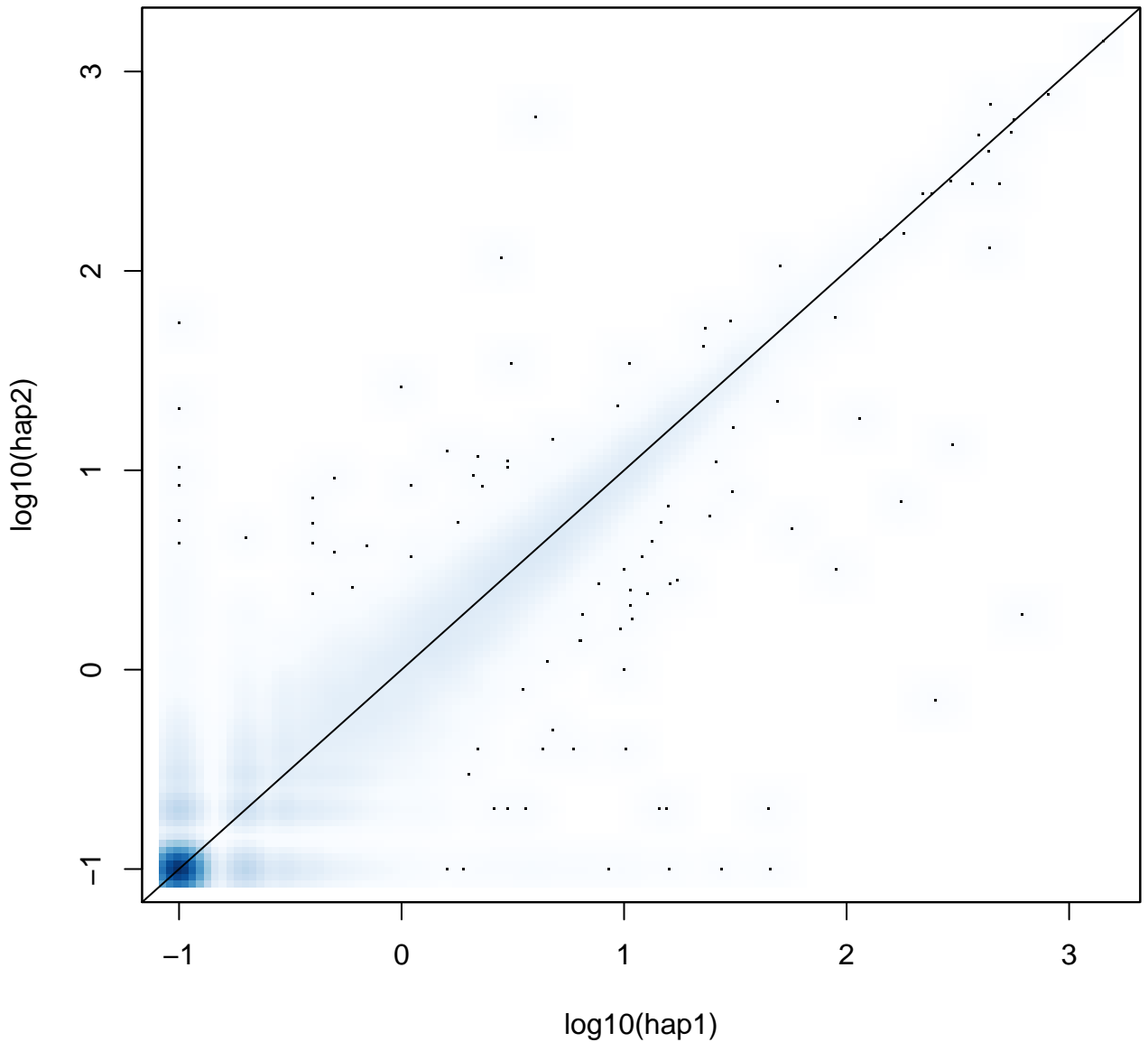
# HG00127: compare hap1 vs hap2 counts



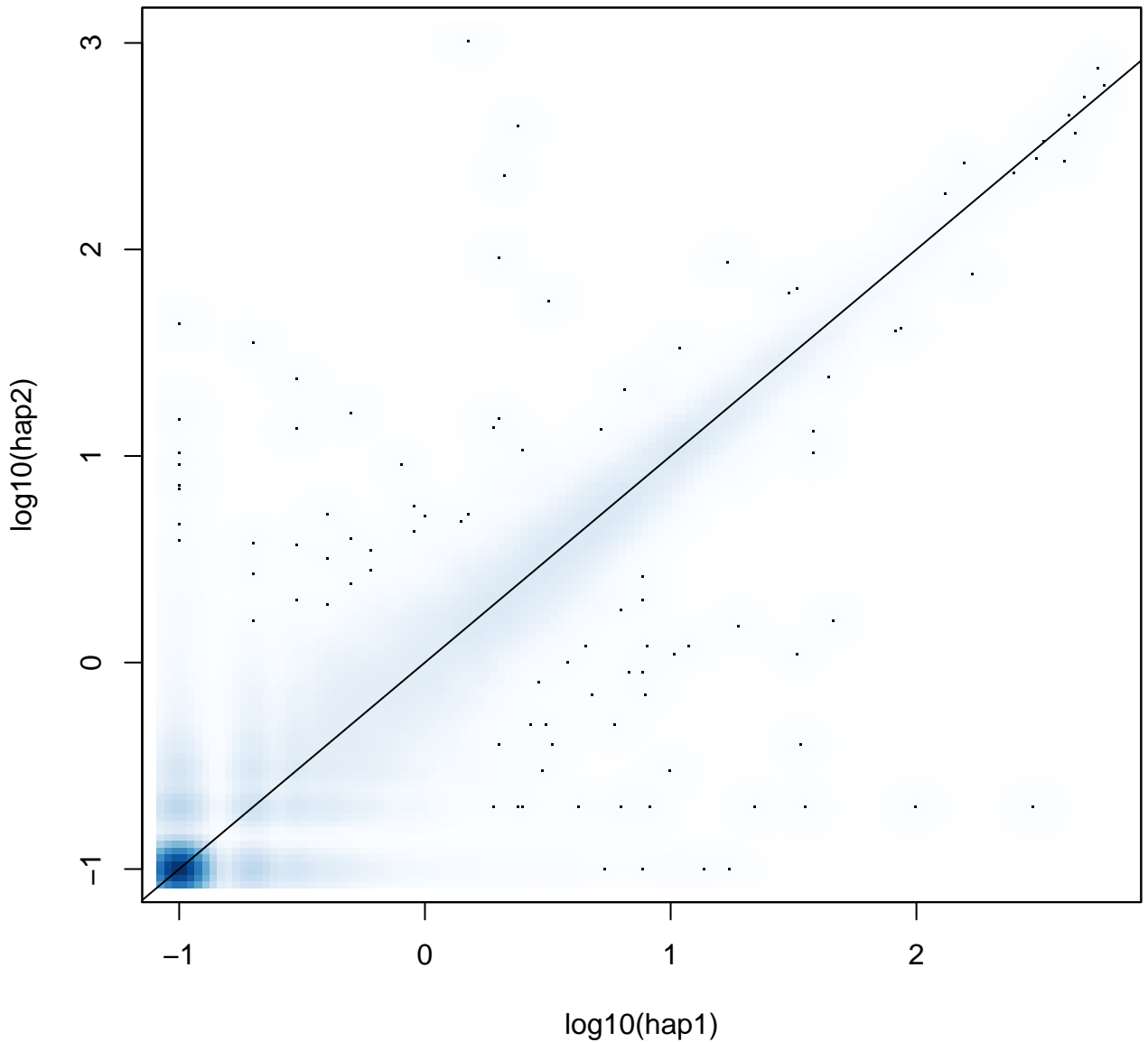
# HG00128: compare hap1 vs hap2 counts



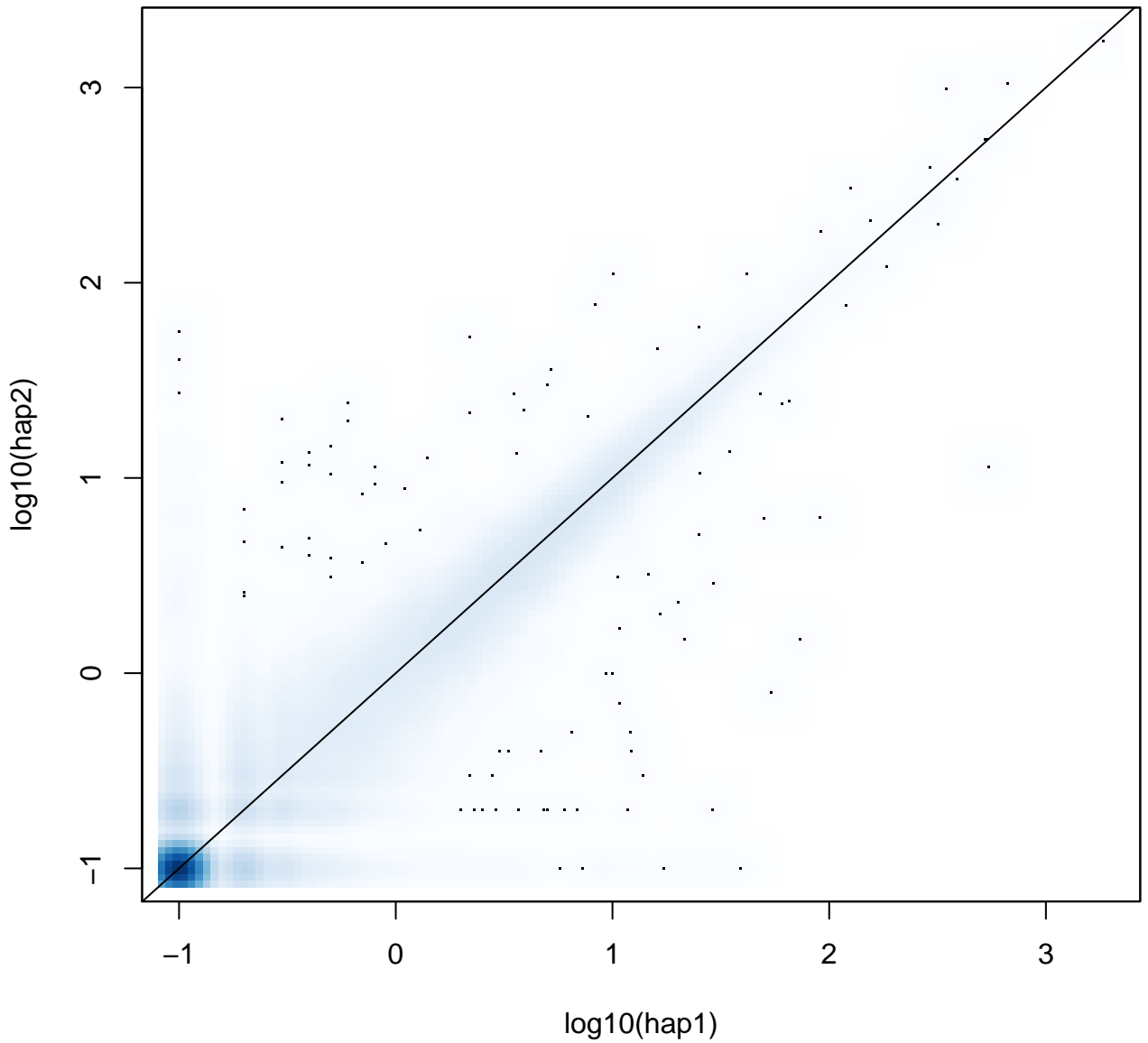
# HG00129: compare hap1 vs hap2 counts



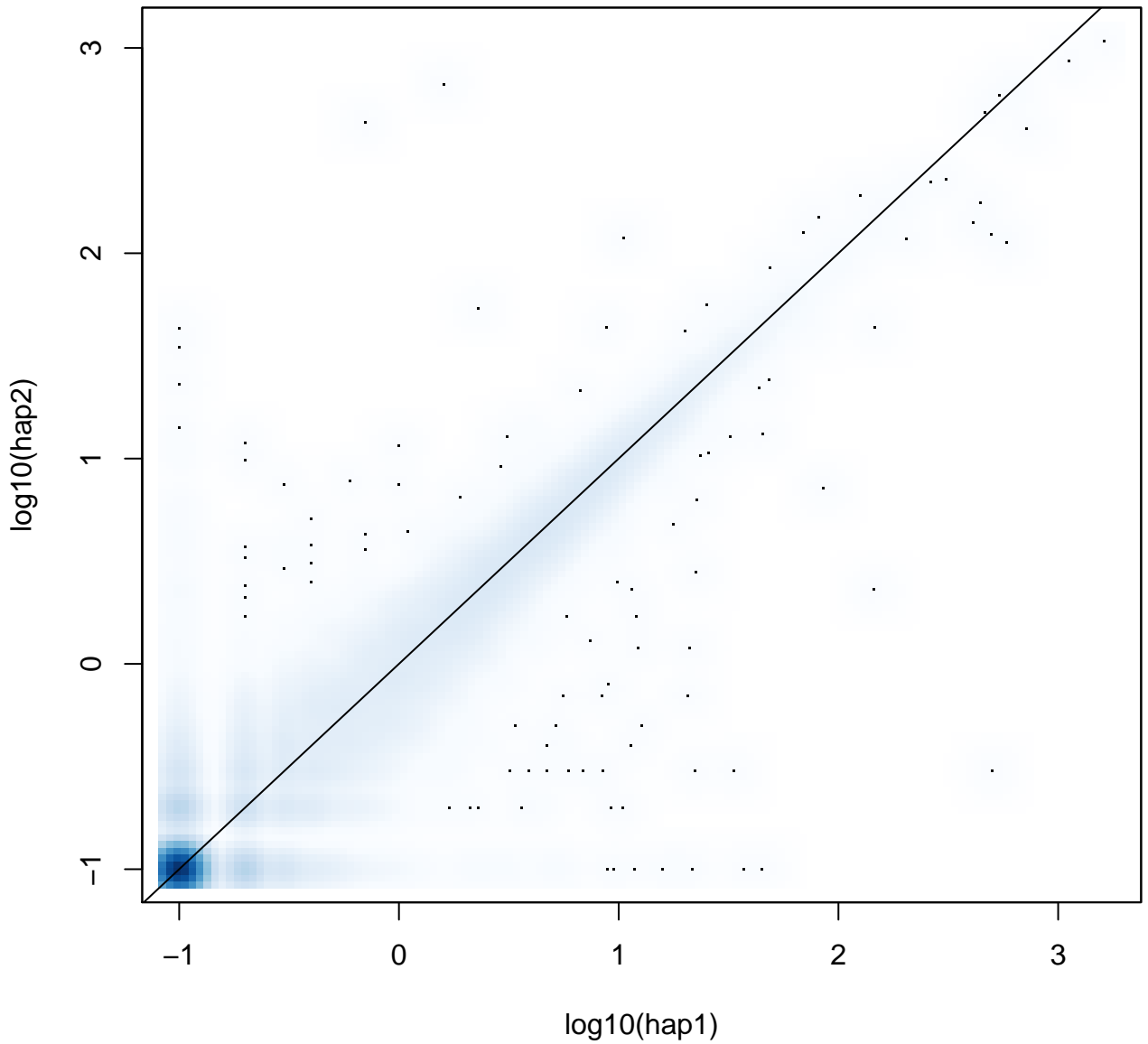
# HG00130: compare hap1 vs hap2 counts



# HG00131: compare hap1 vs hap2 counts

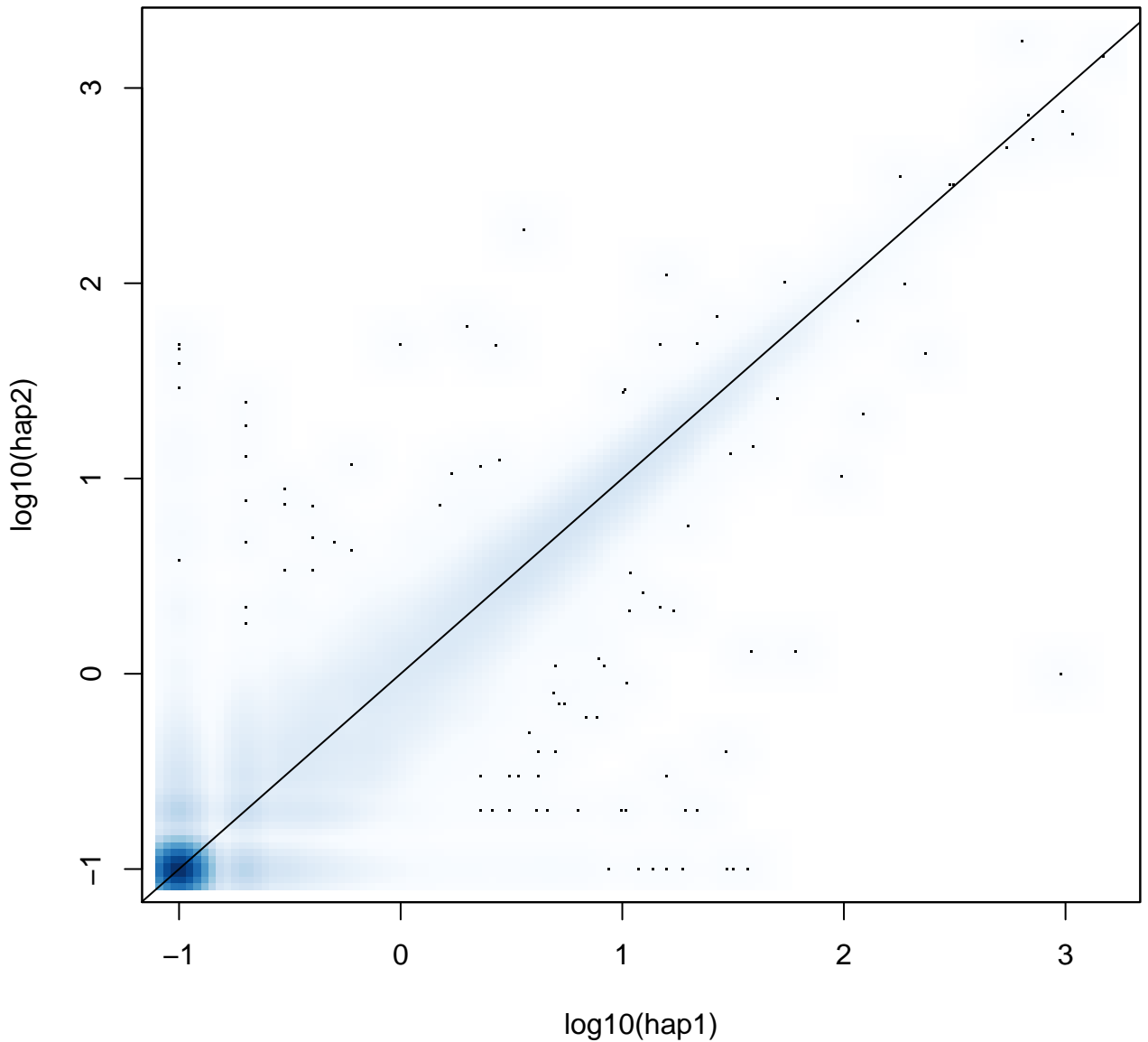


# HG00133: compare hap1 vs hap2 counts

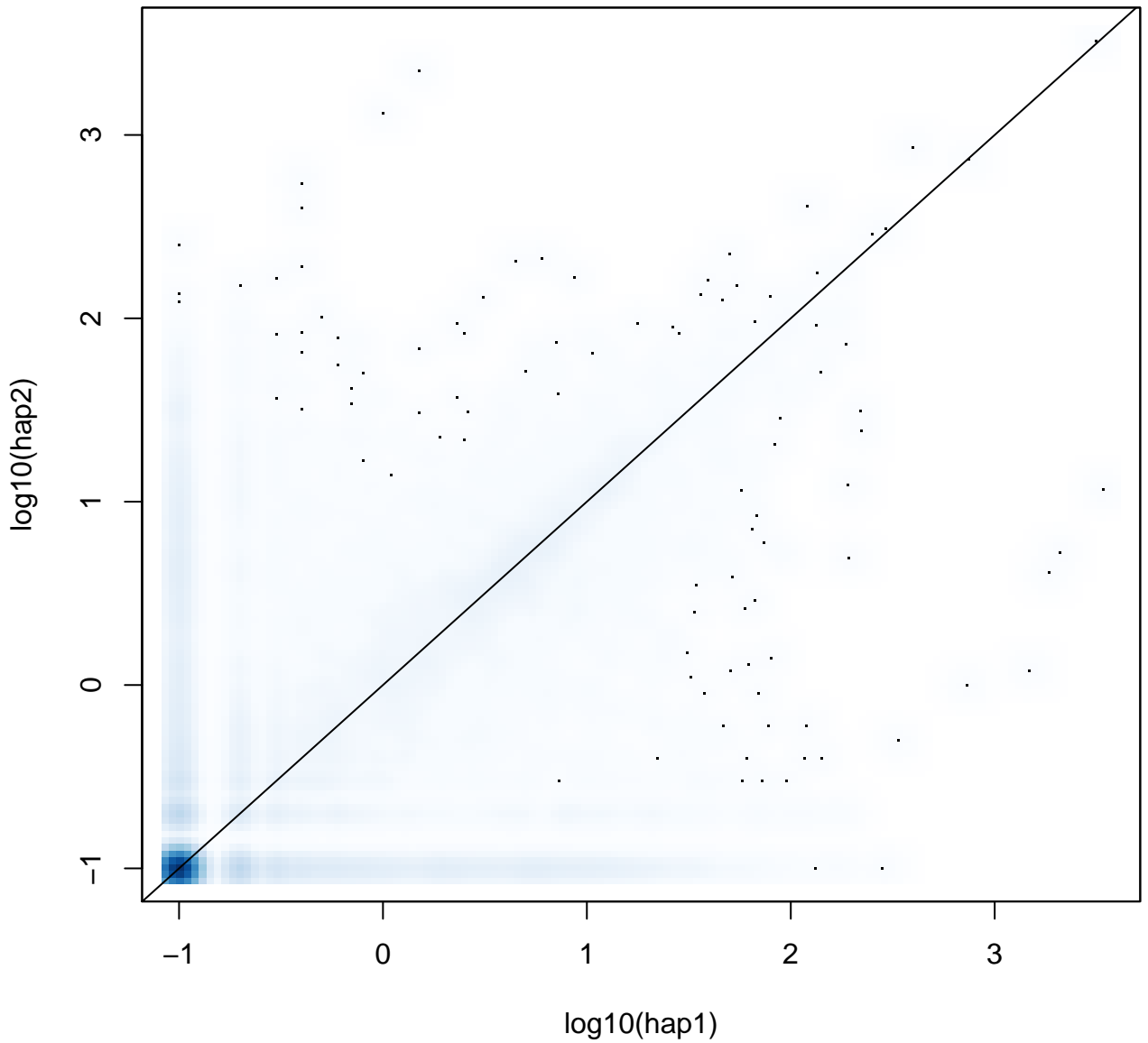




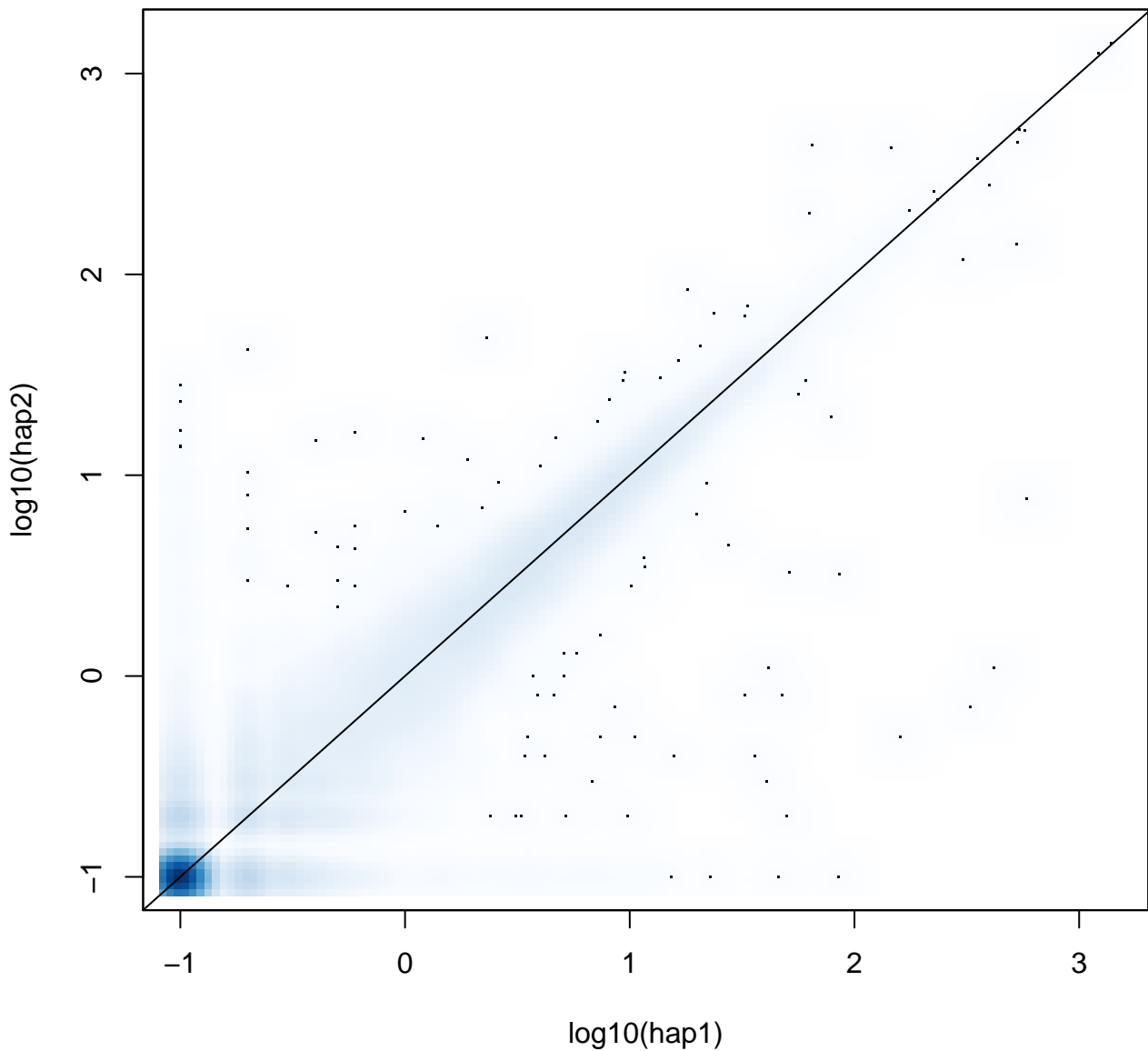
# HG00134: compare hap1 vs hap2 counts



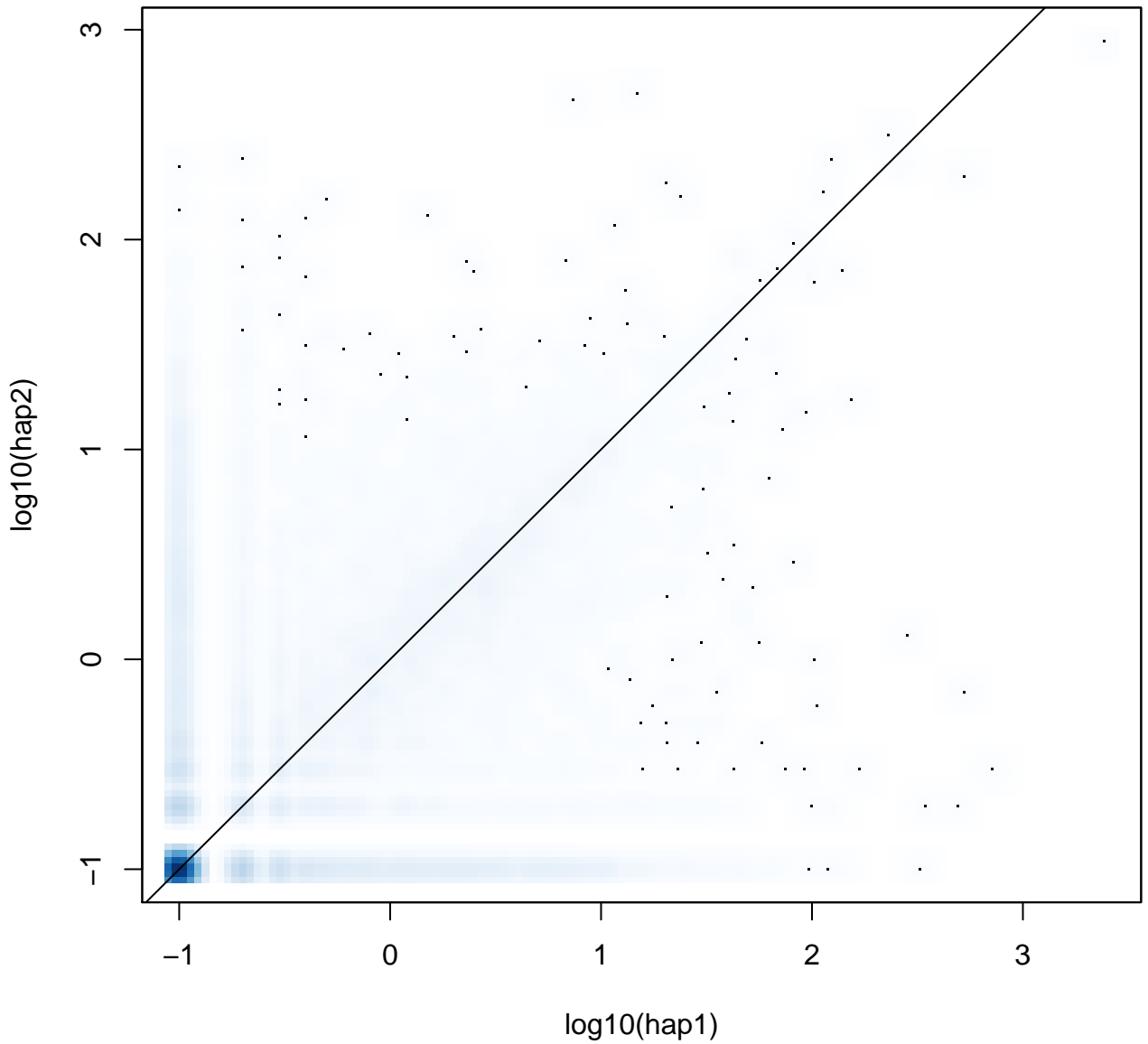
# HG00135: compare hap1 vs hap2 counts



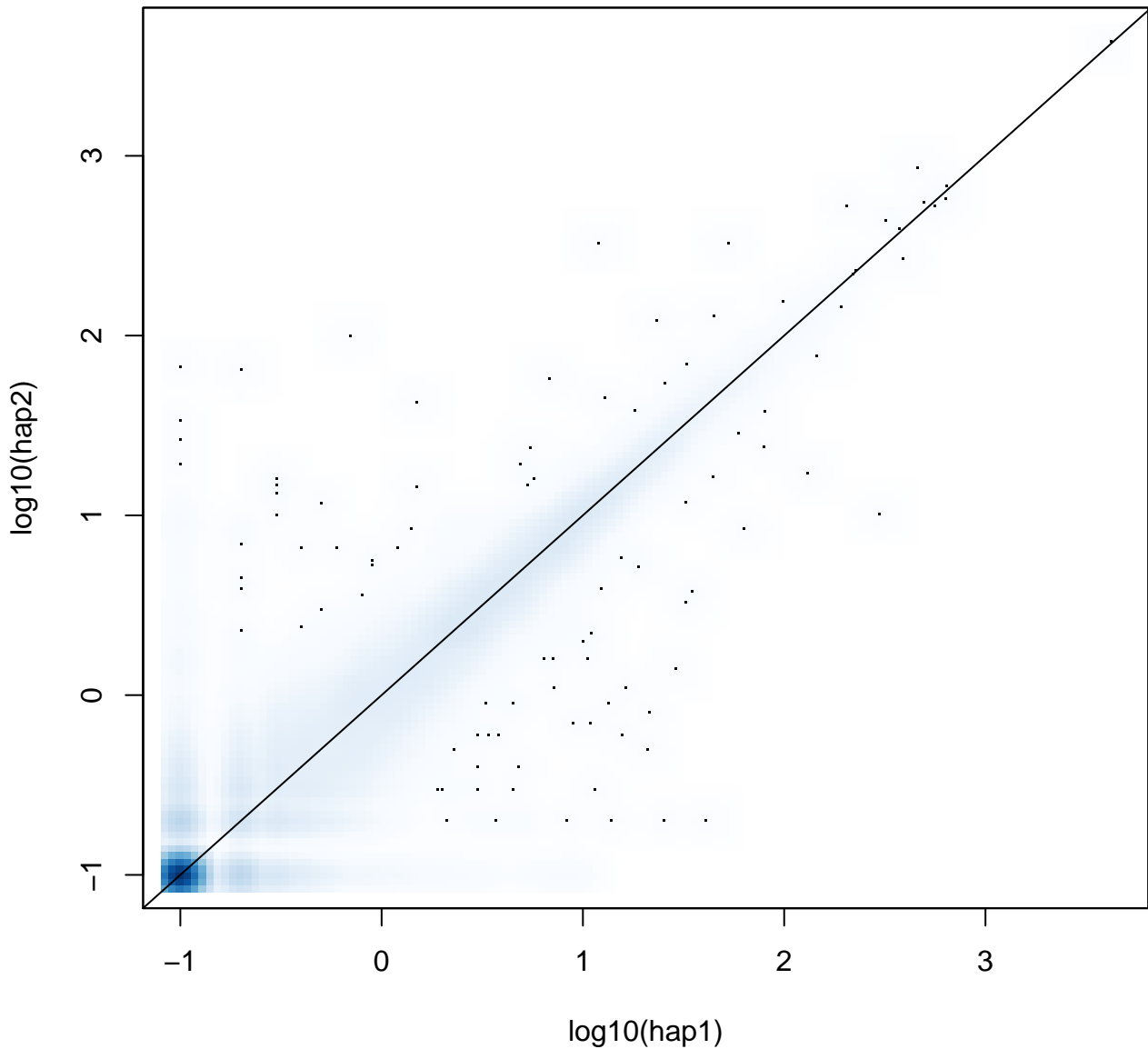
# HG00136: compare hap1 vs hap2 counts



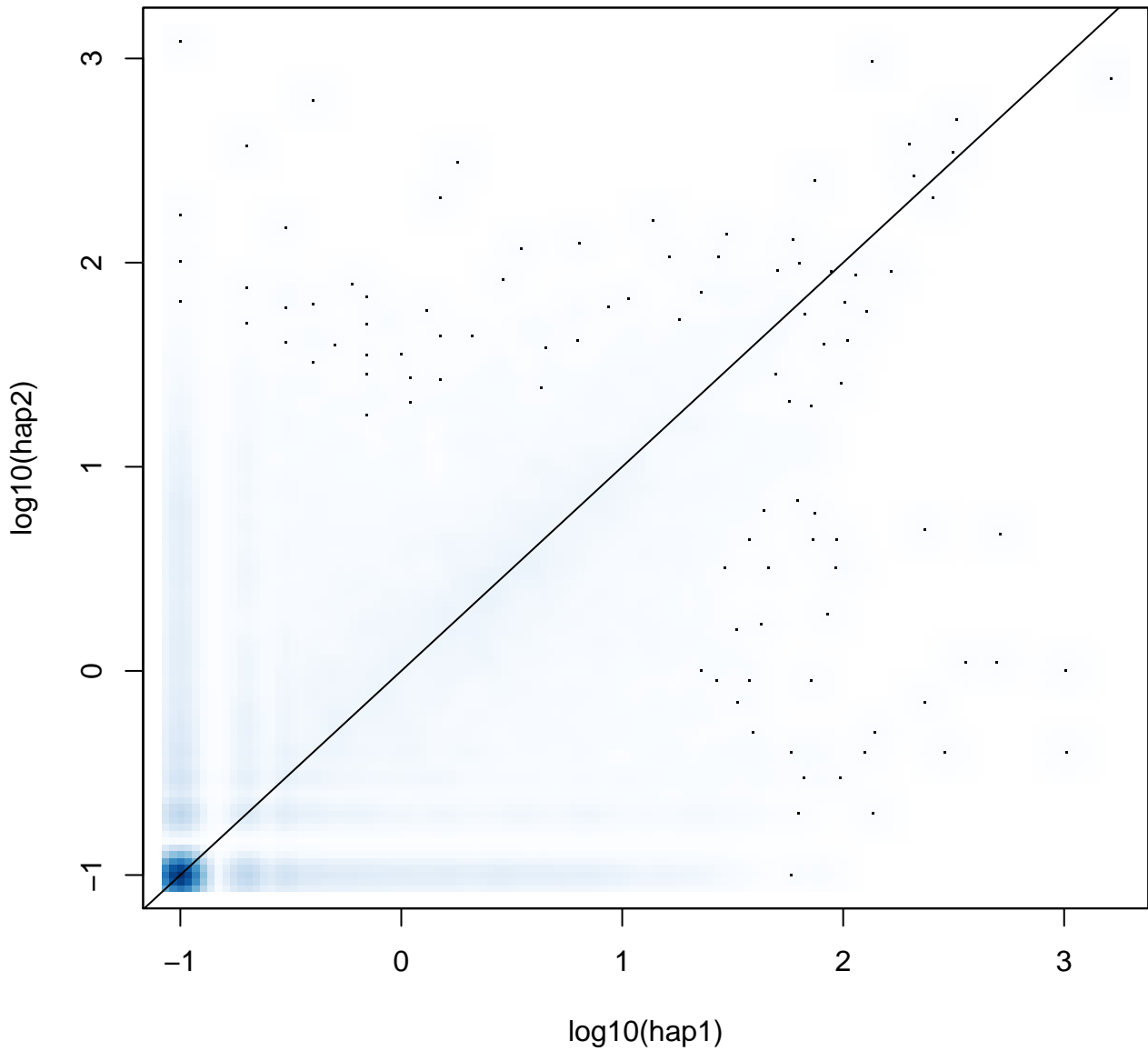
# HG00137: compare hap1 vs hap2 counts



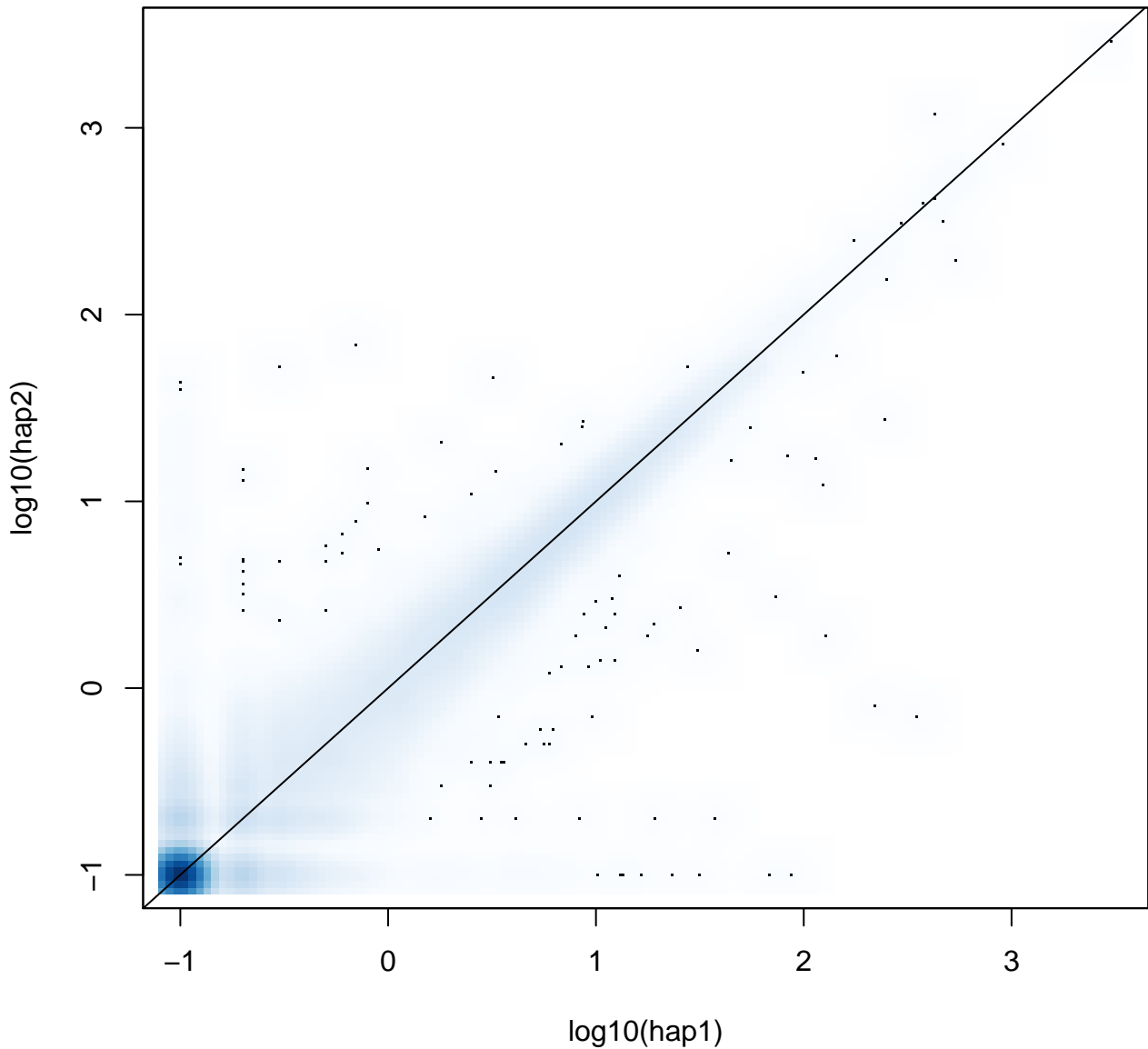
# HG00138: compare hap1 vs hap2 counts



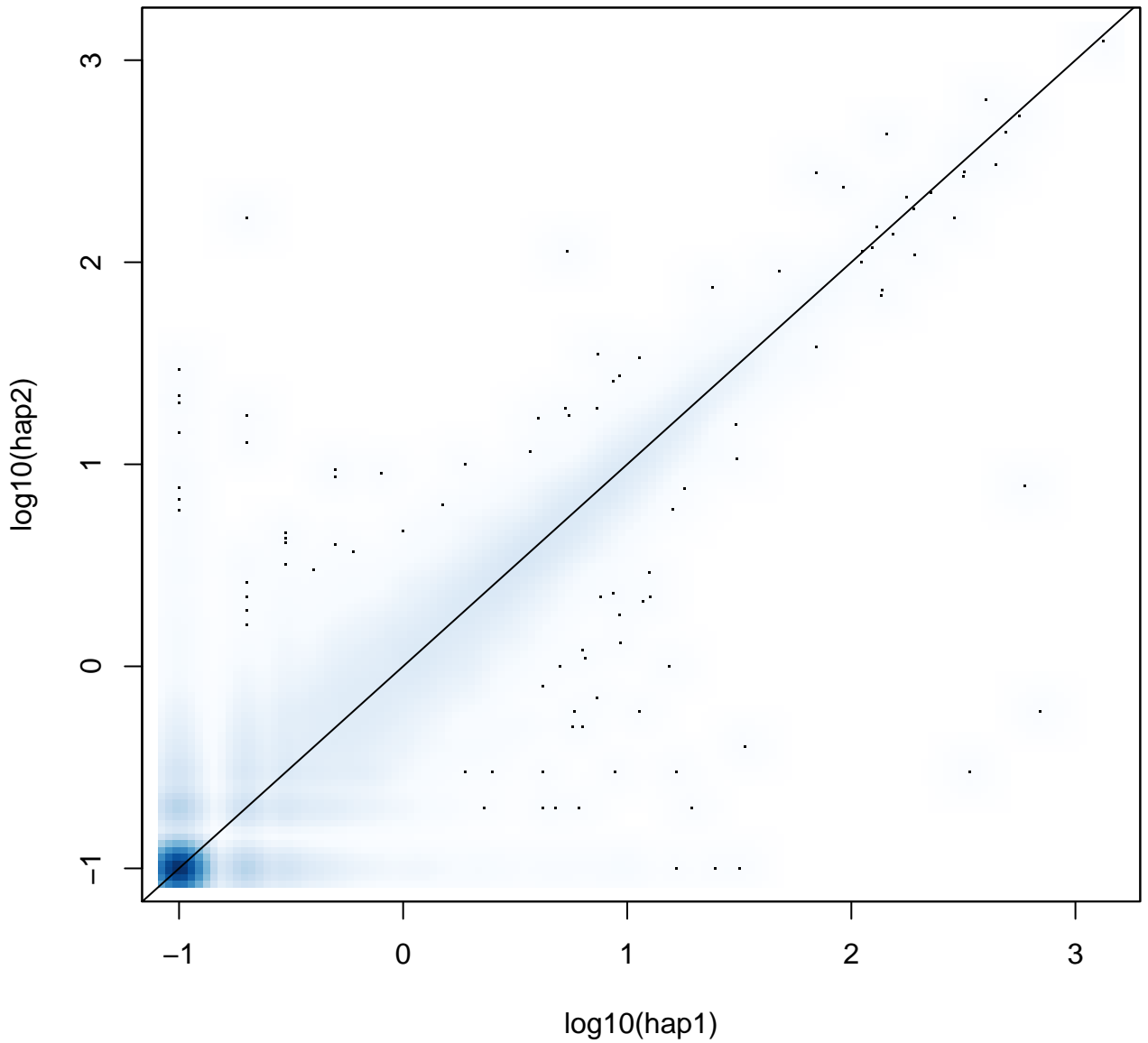
# HG00139: compare hap1 vs hap2 counts



# HG00141: compare hap1 vs hap2 counts

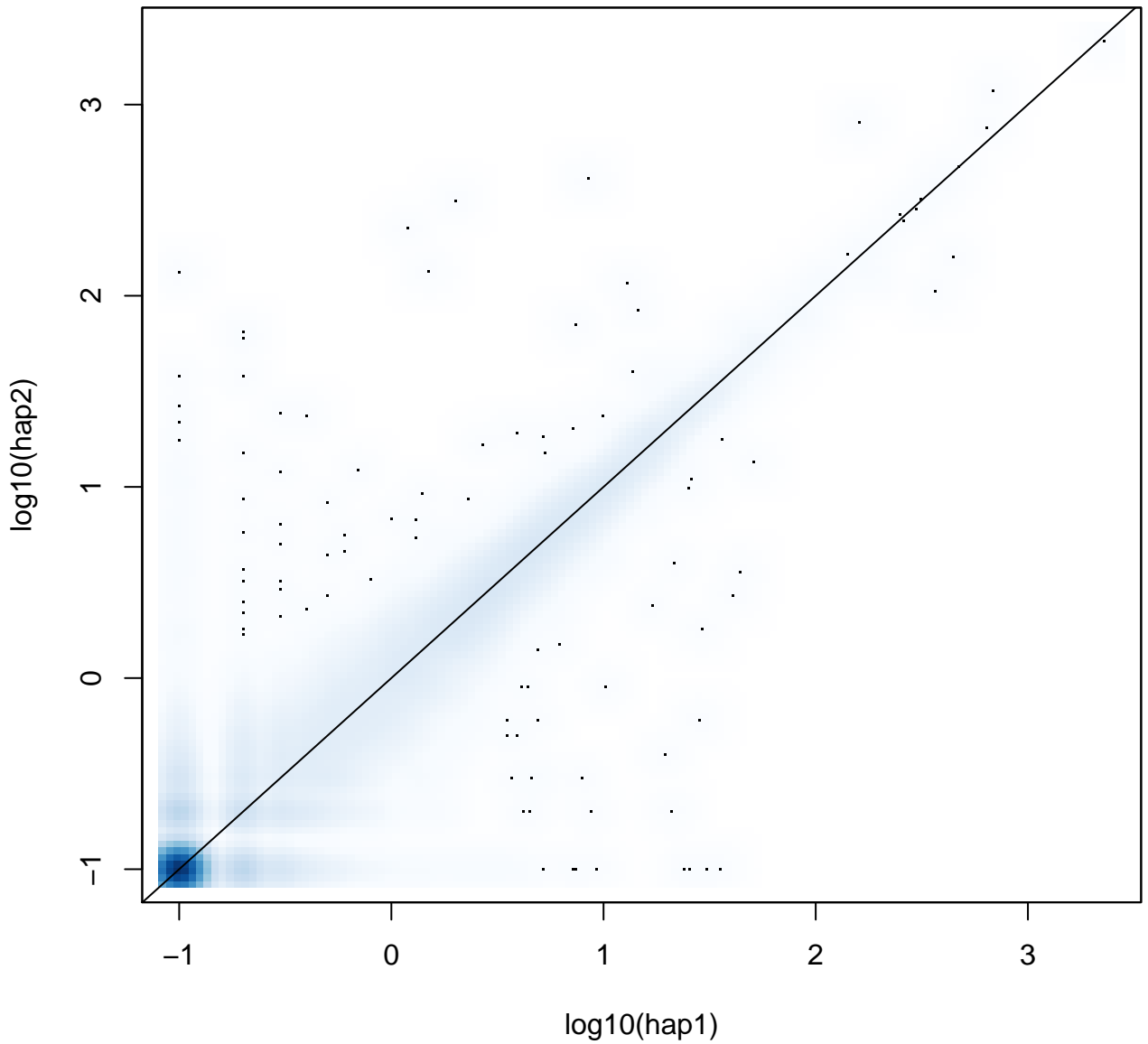


# HG00142: compare hap1 vs hap2 counts

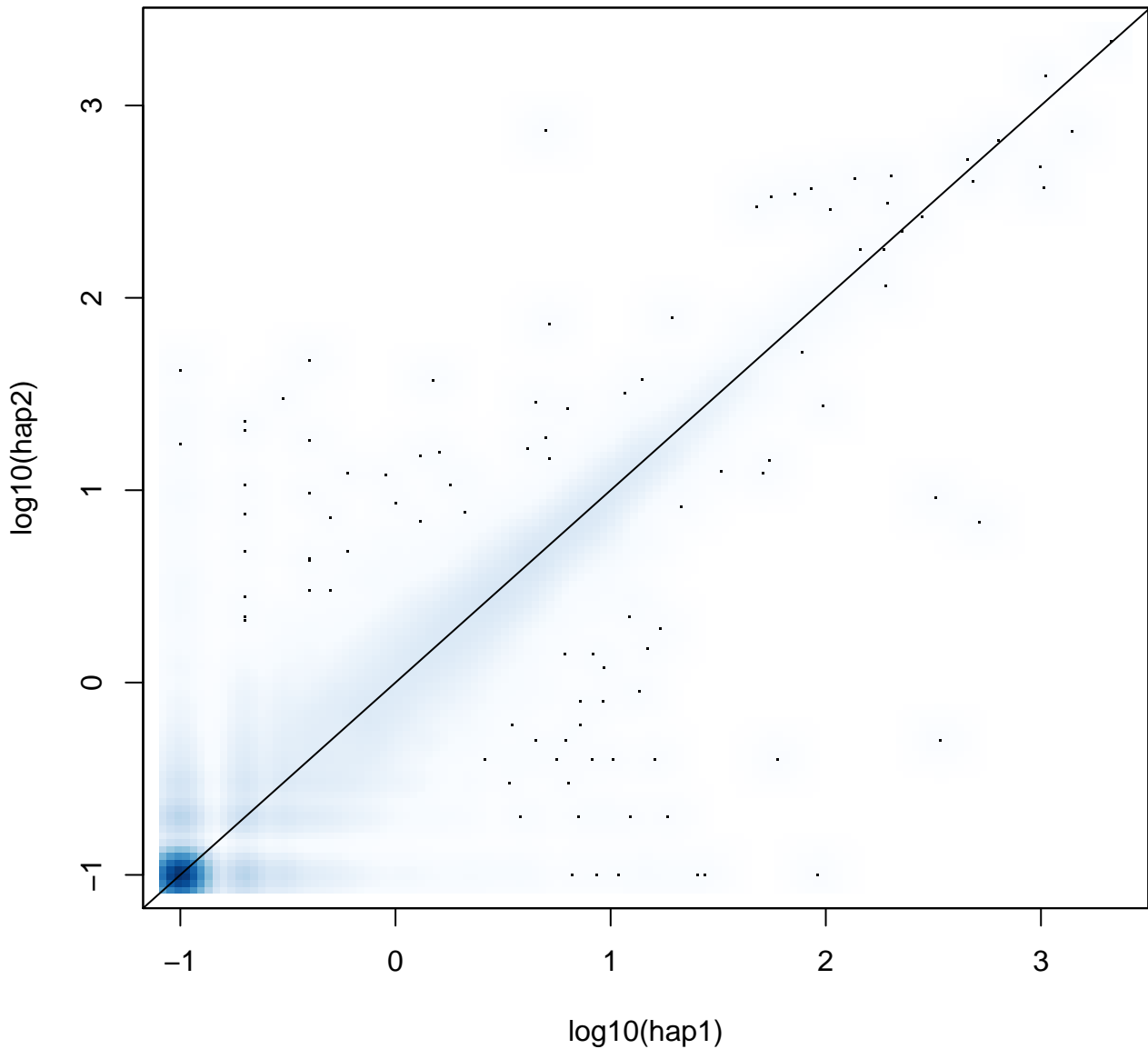




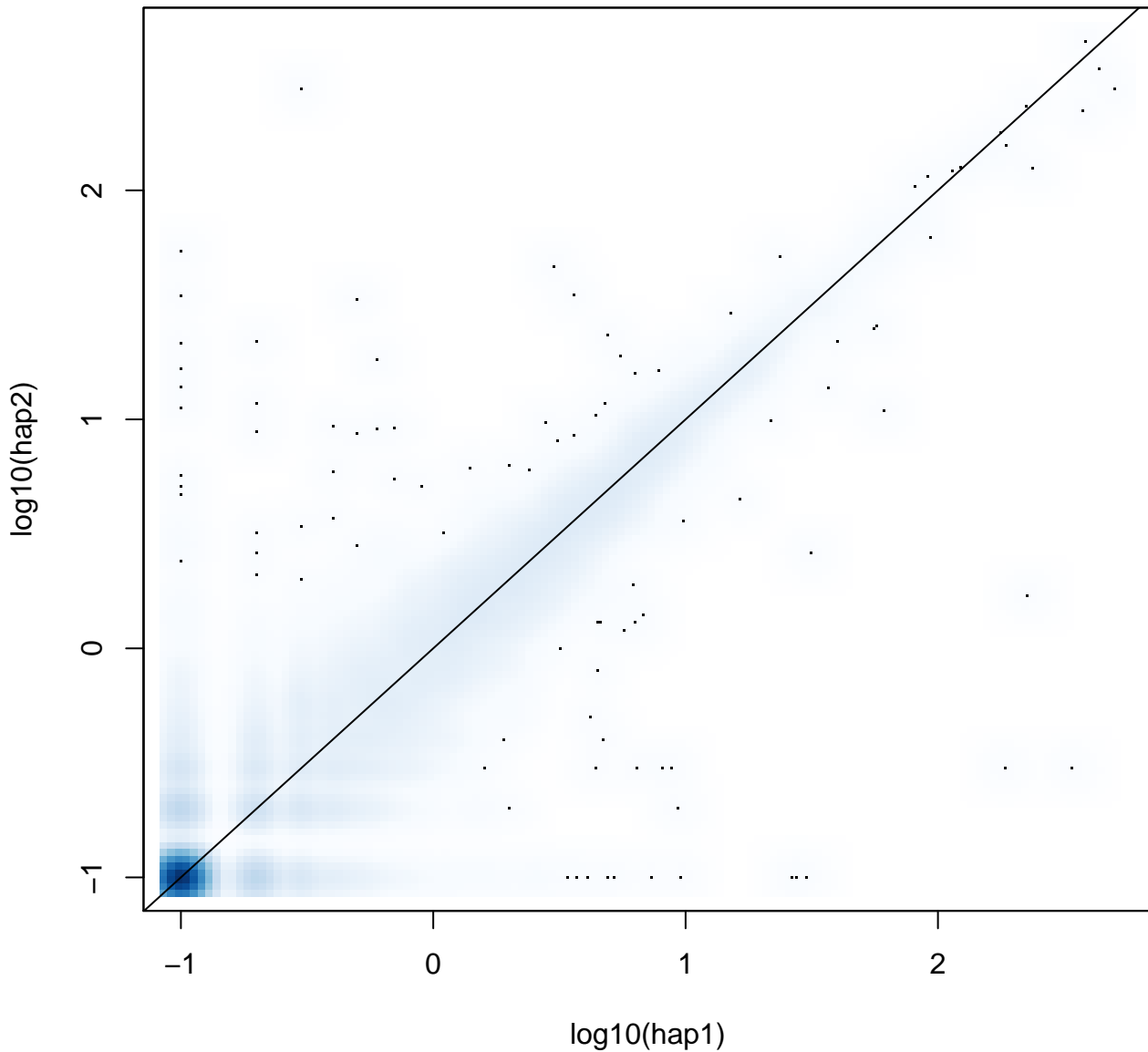
# HG00143: compare hap1 vs hap2 counts



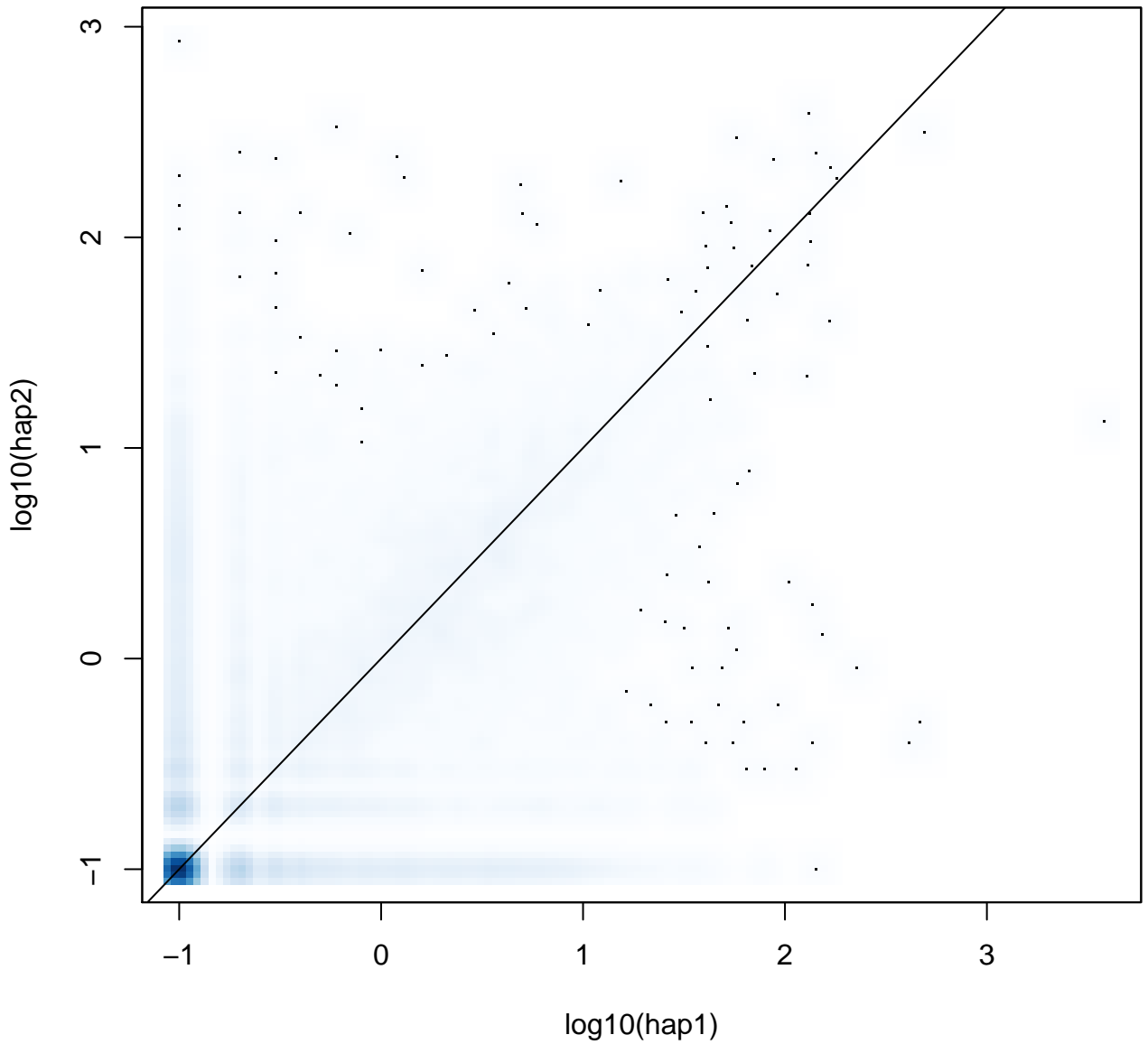
# HG00146: compare hap1 vs hap2 counts



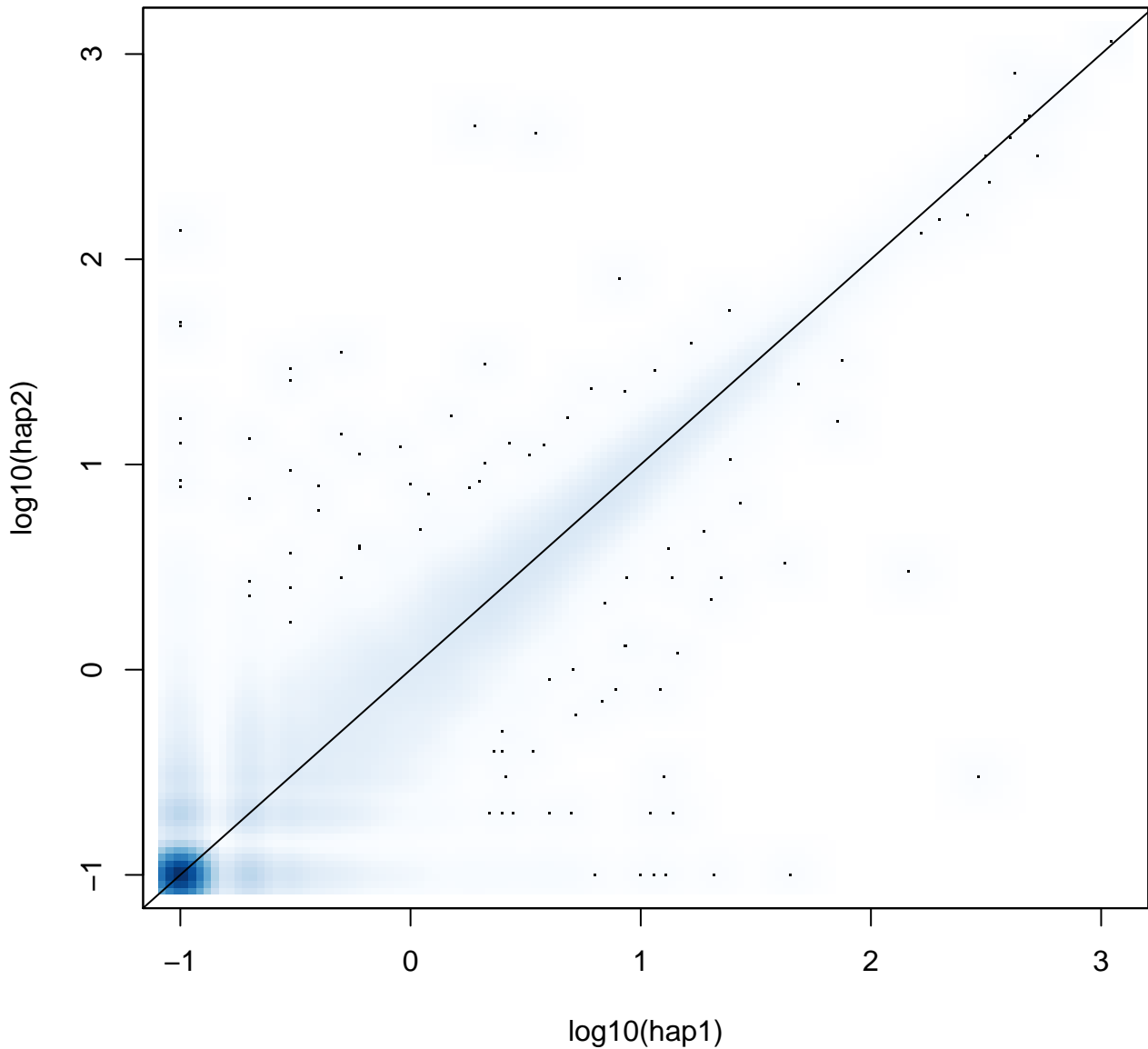
# HG00148: compare hap1 vs hap2 counts



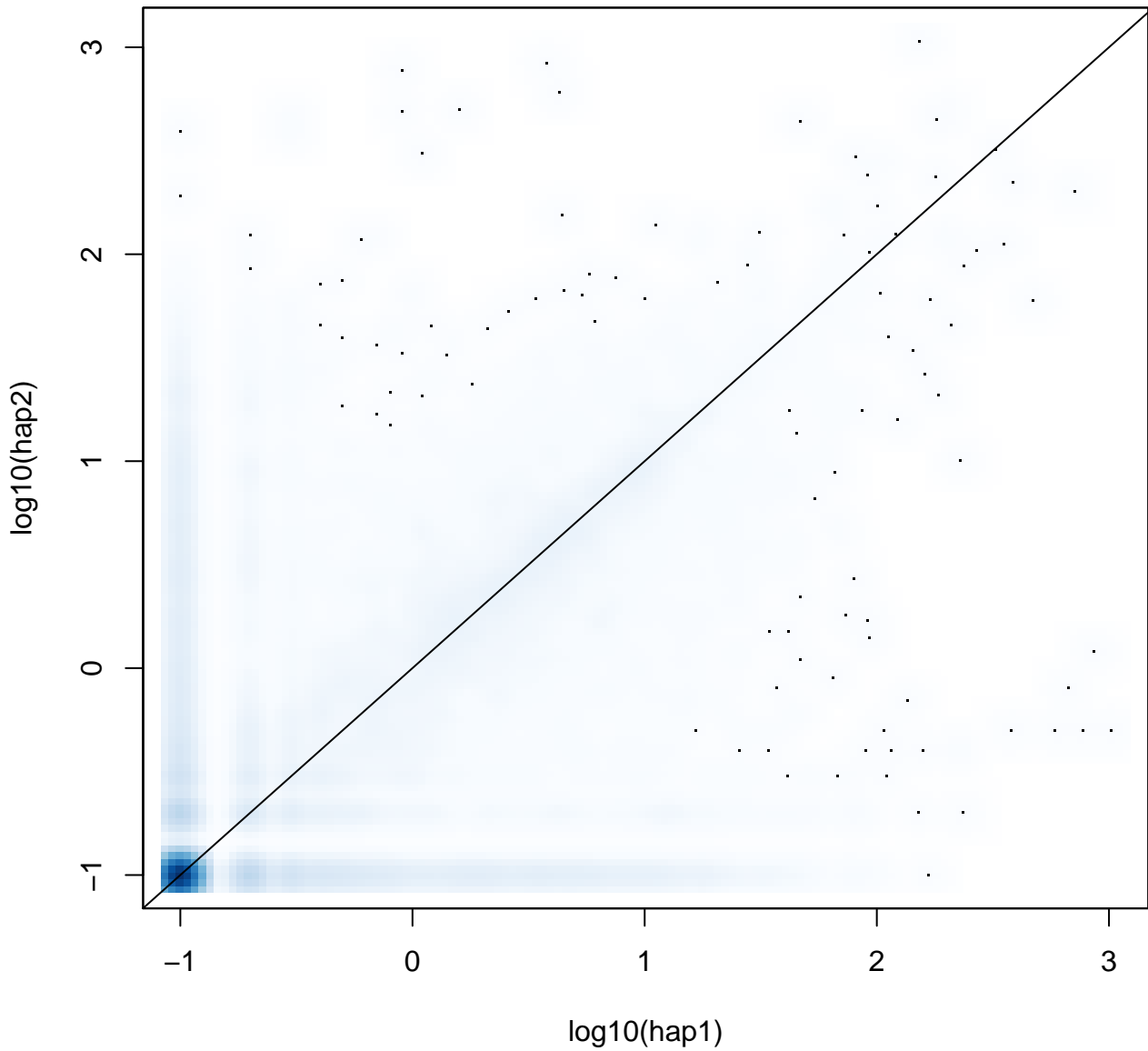
# HG00149: compare hap1 vs hap2 counts



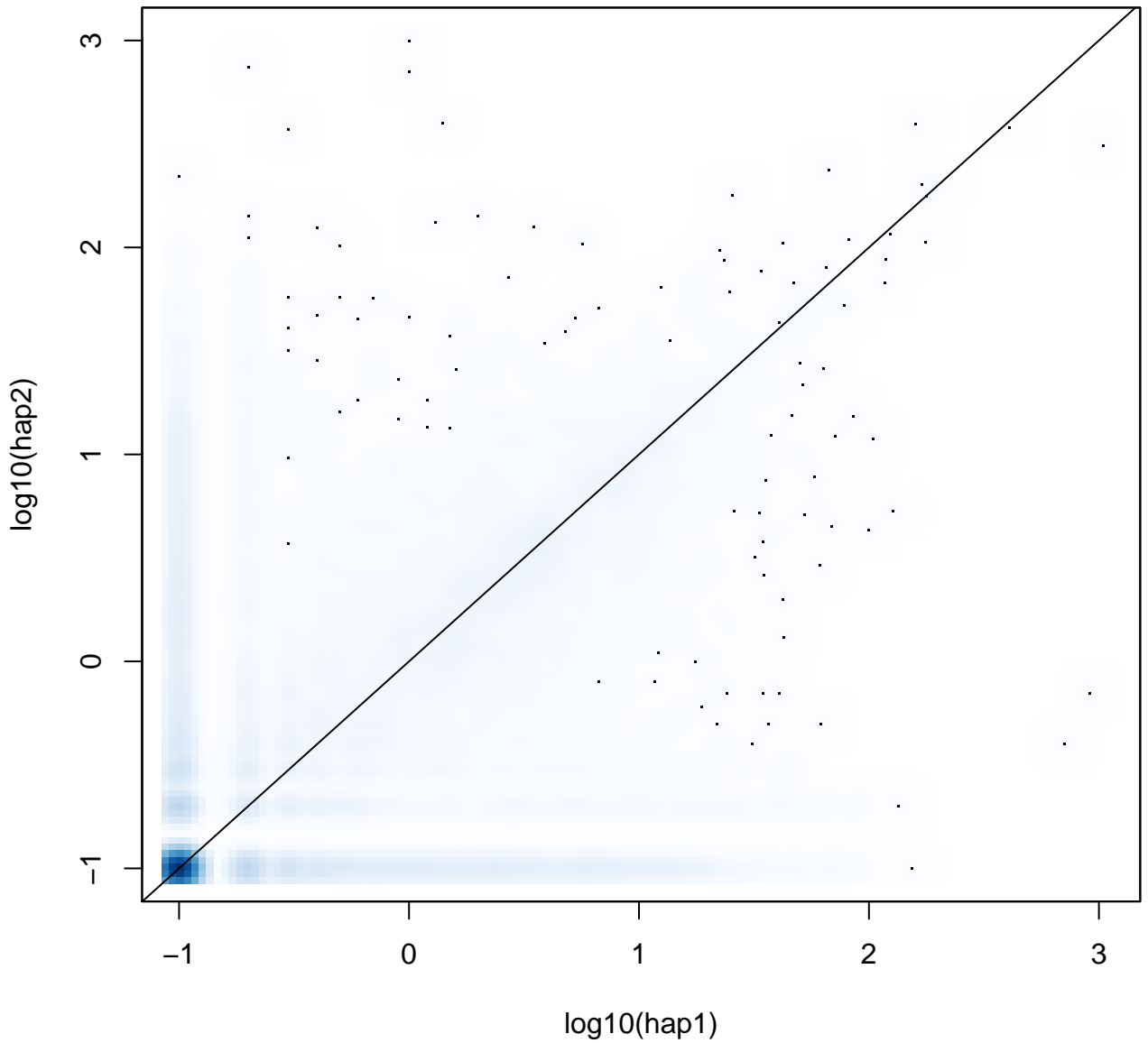
# HG00150: compare hap1 vs hap2 counts



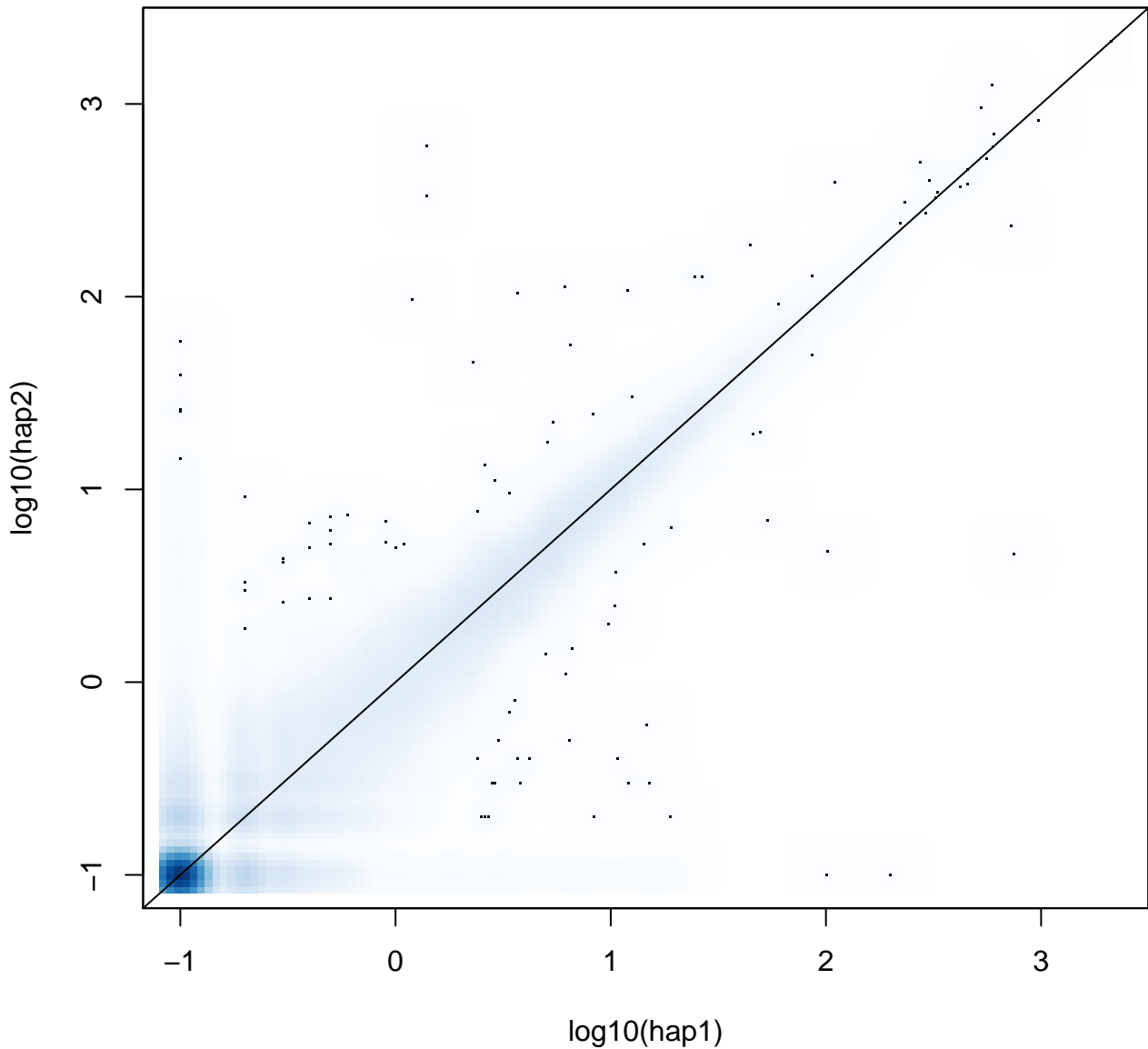
# HG00151: compare hap1 vs hap2 counts



# HG00152: compare hap1 vs hap2 counts

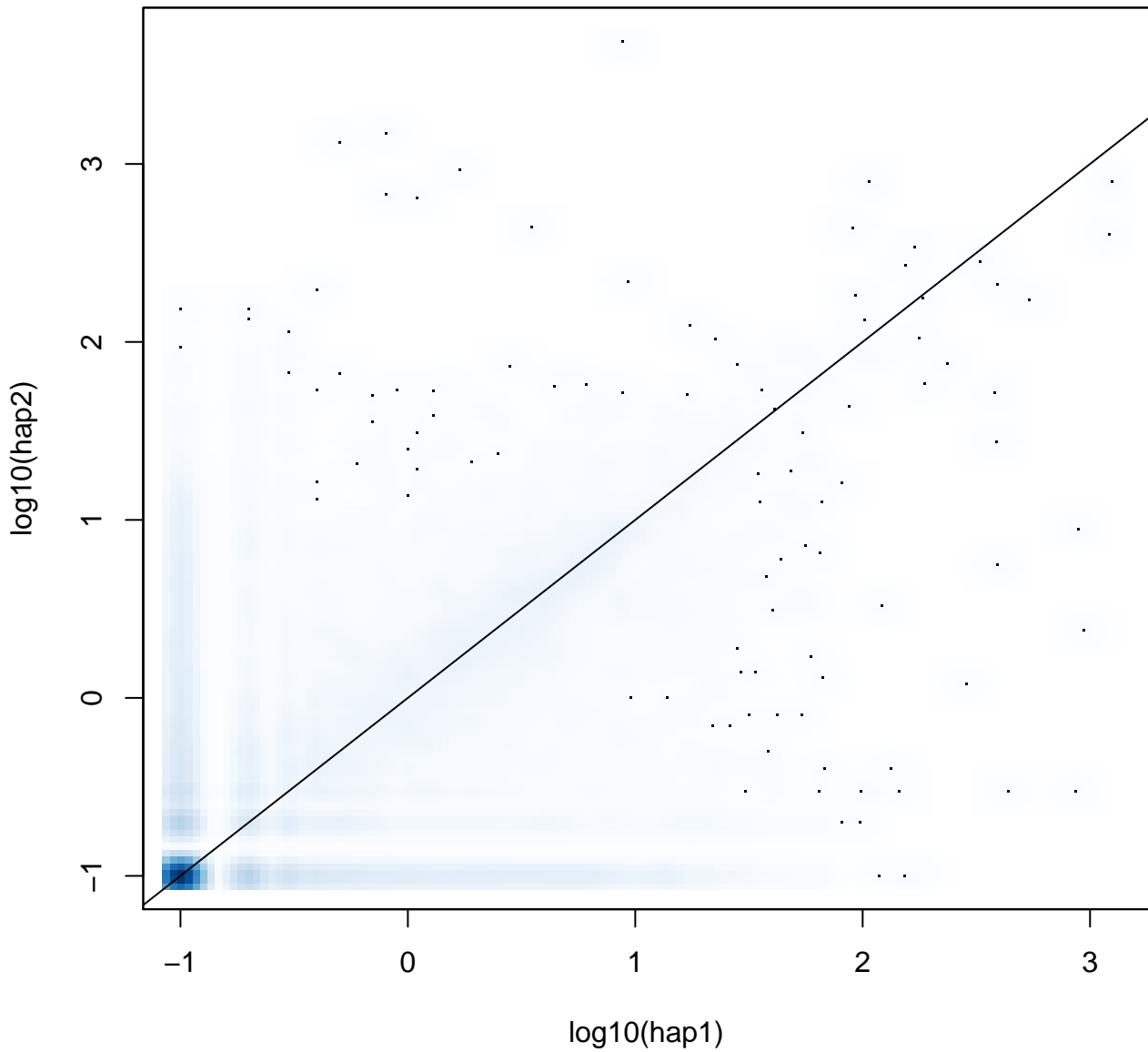


# HG00154: compare hap1 vs hap2 counts

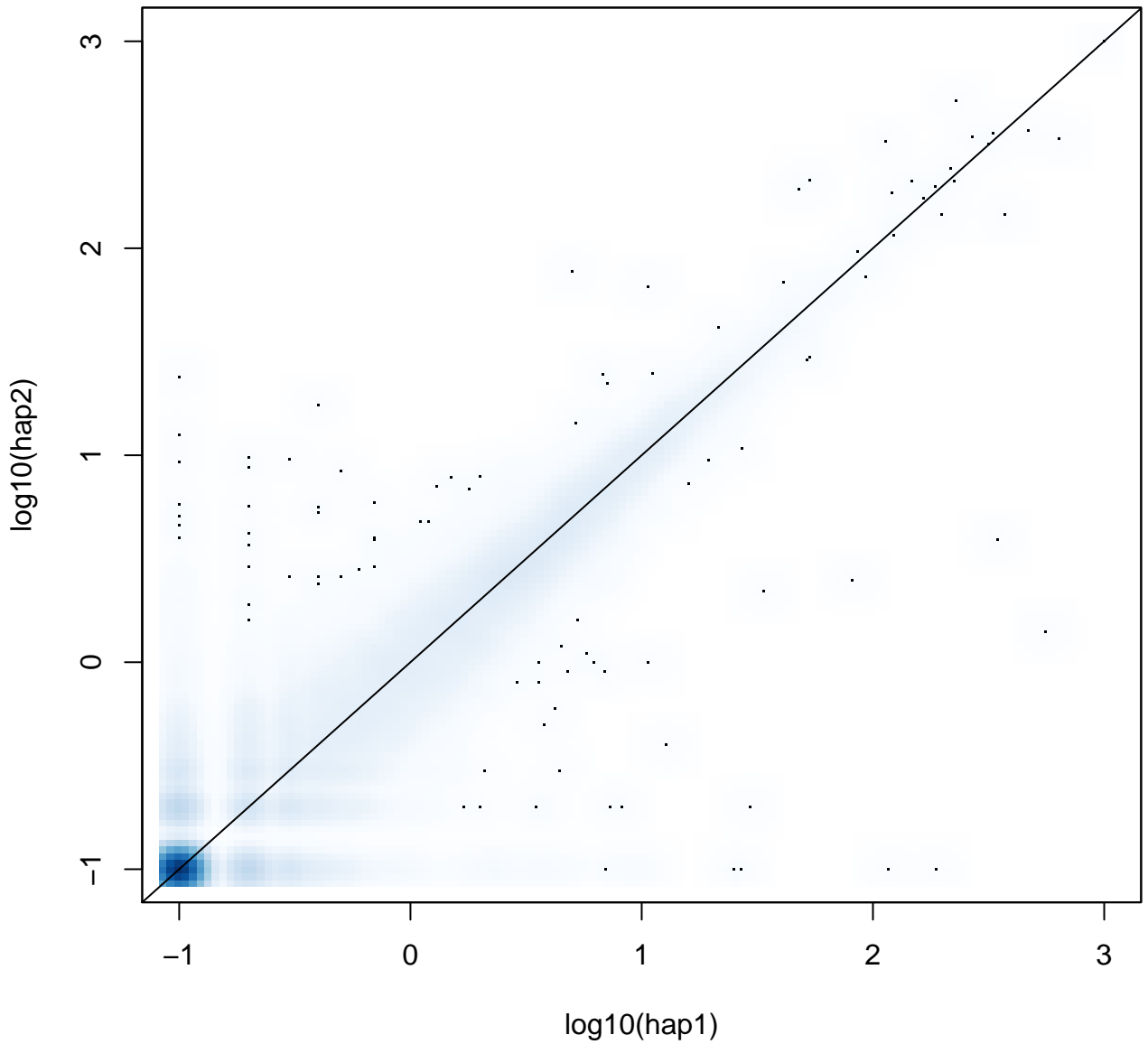




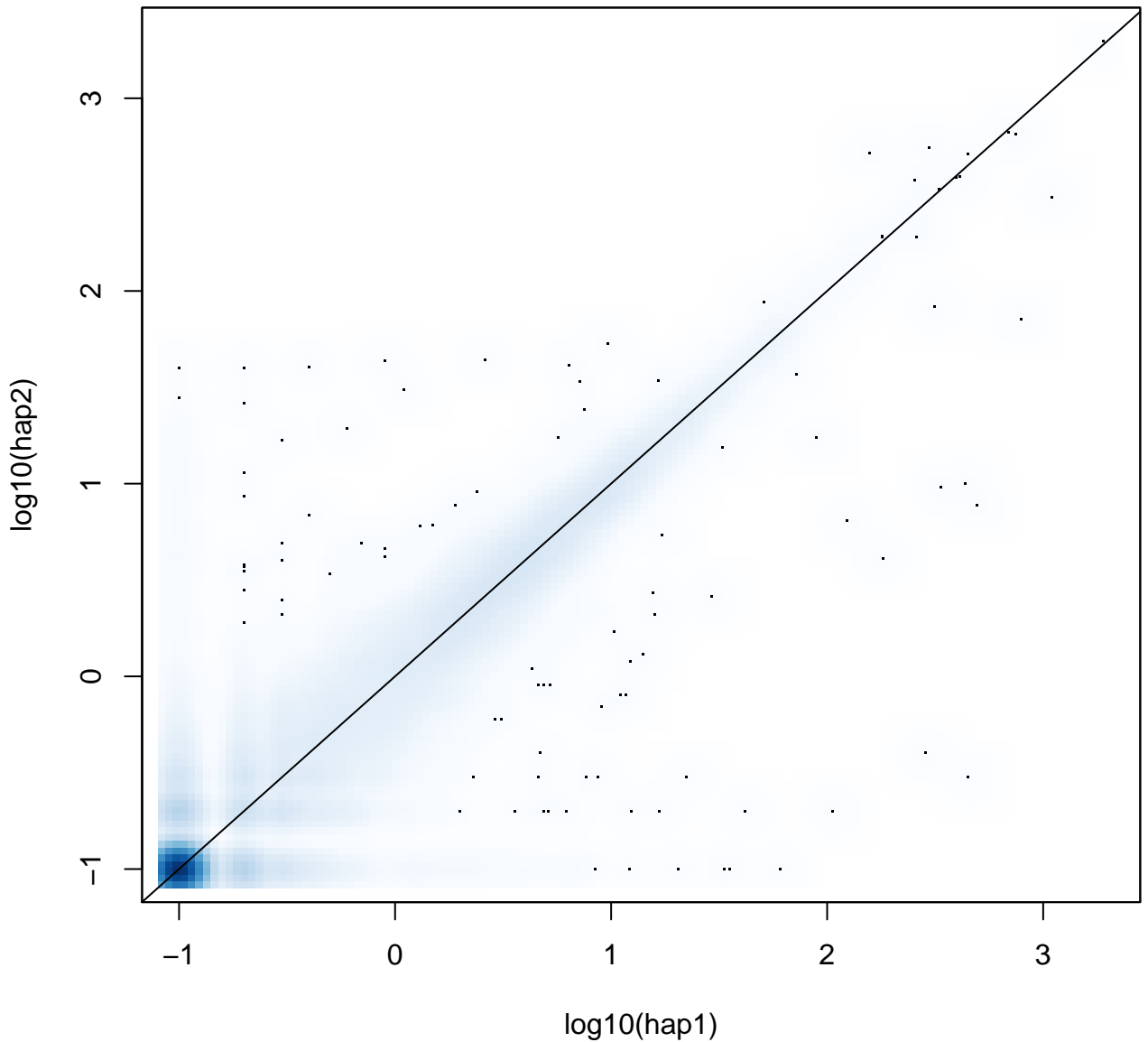
# HG00155: compare hap1 vs hap2 counts



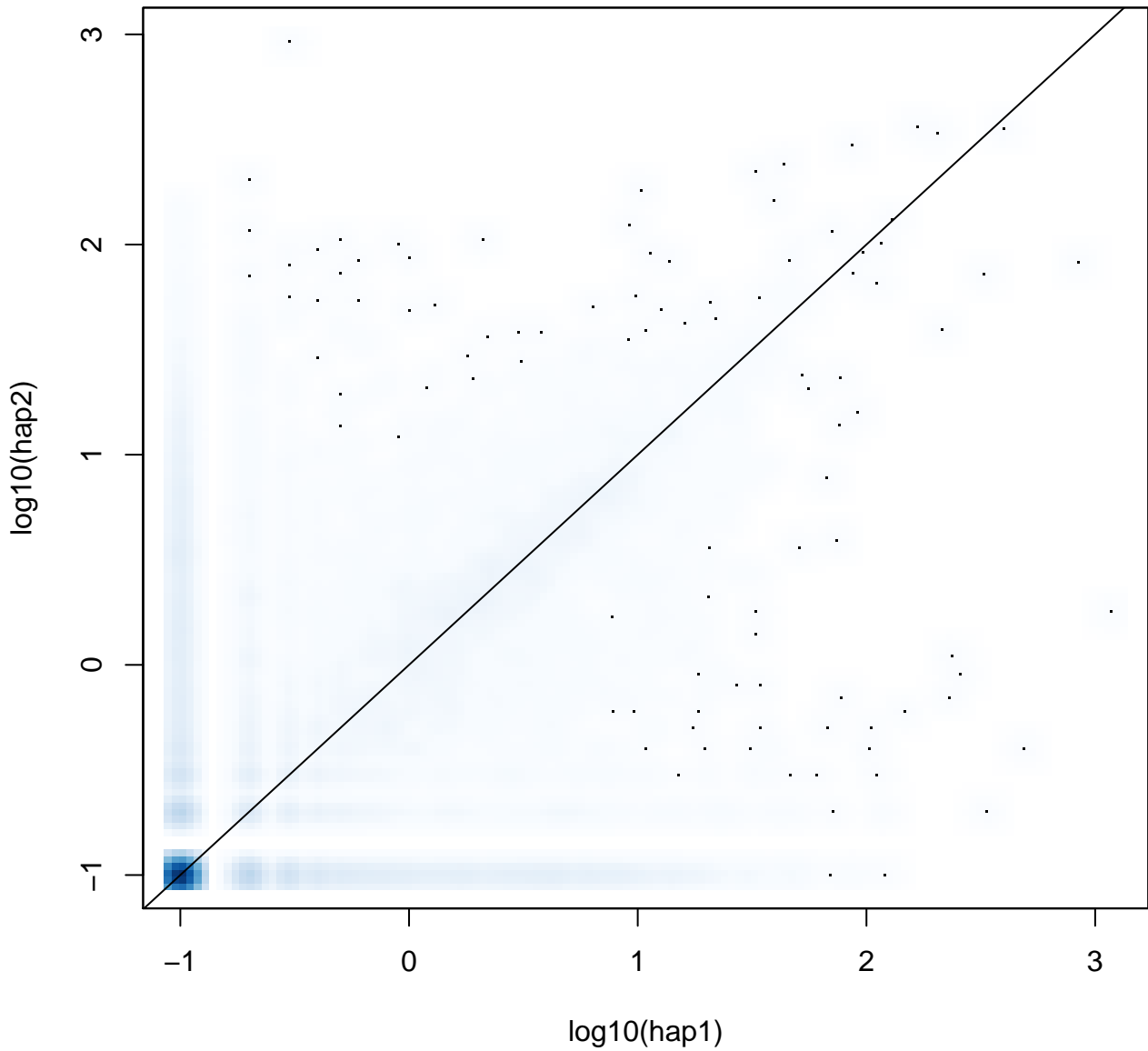
# HG00156: compare hap1 vs hap2 counts



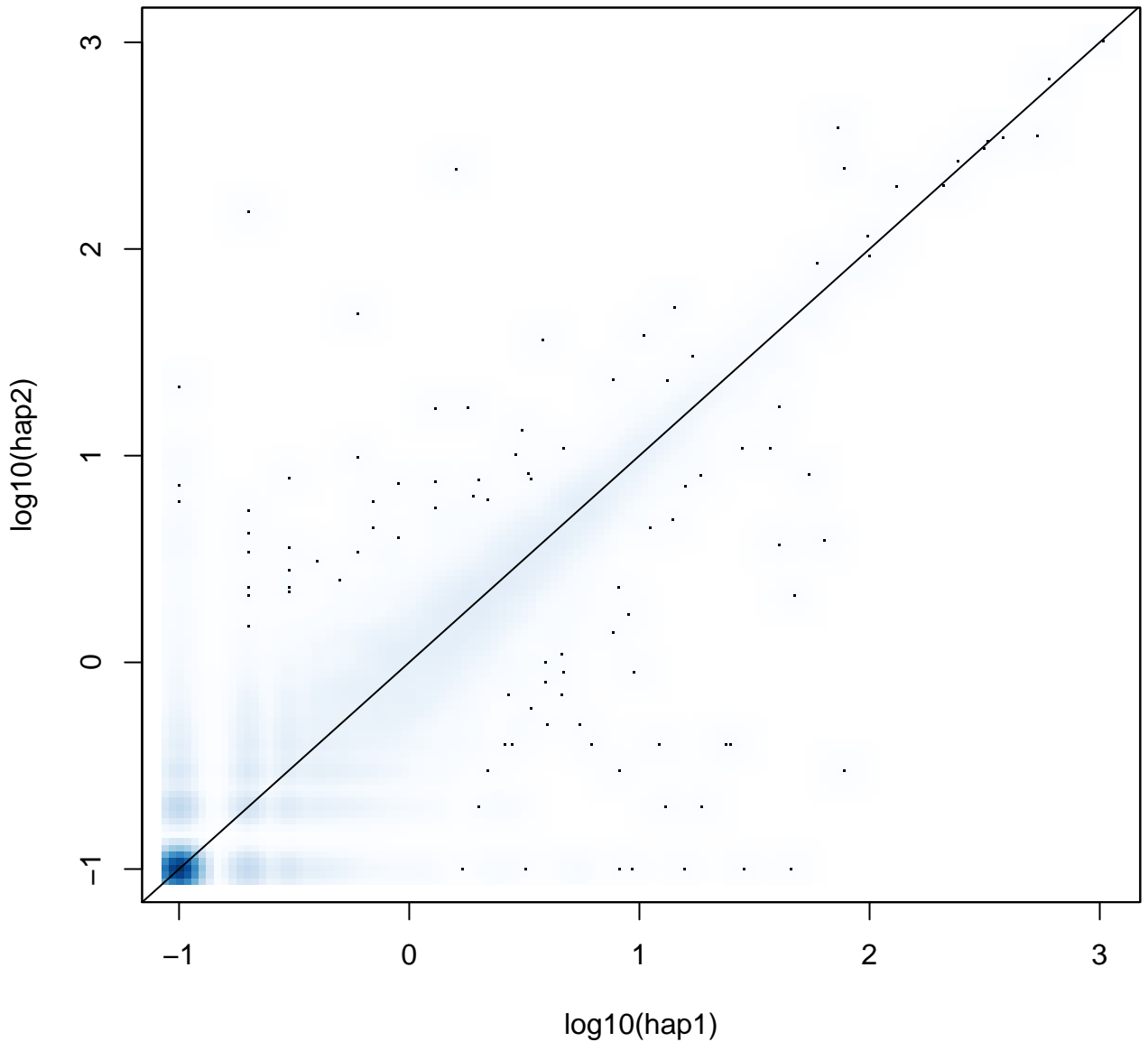
# HG00158: compare hap1 vs hap2 counts



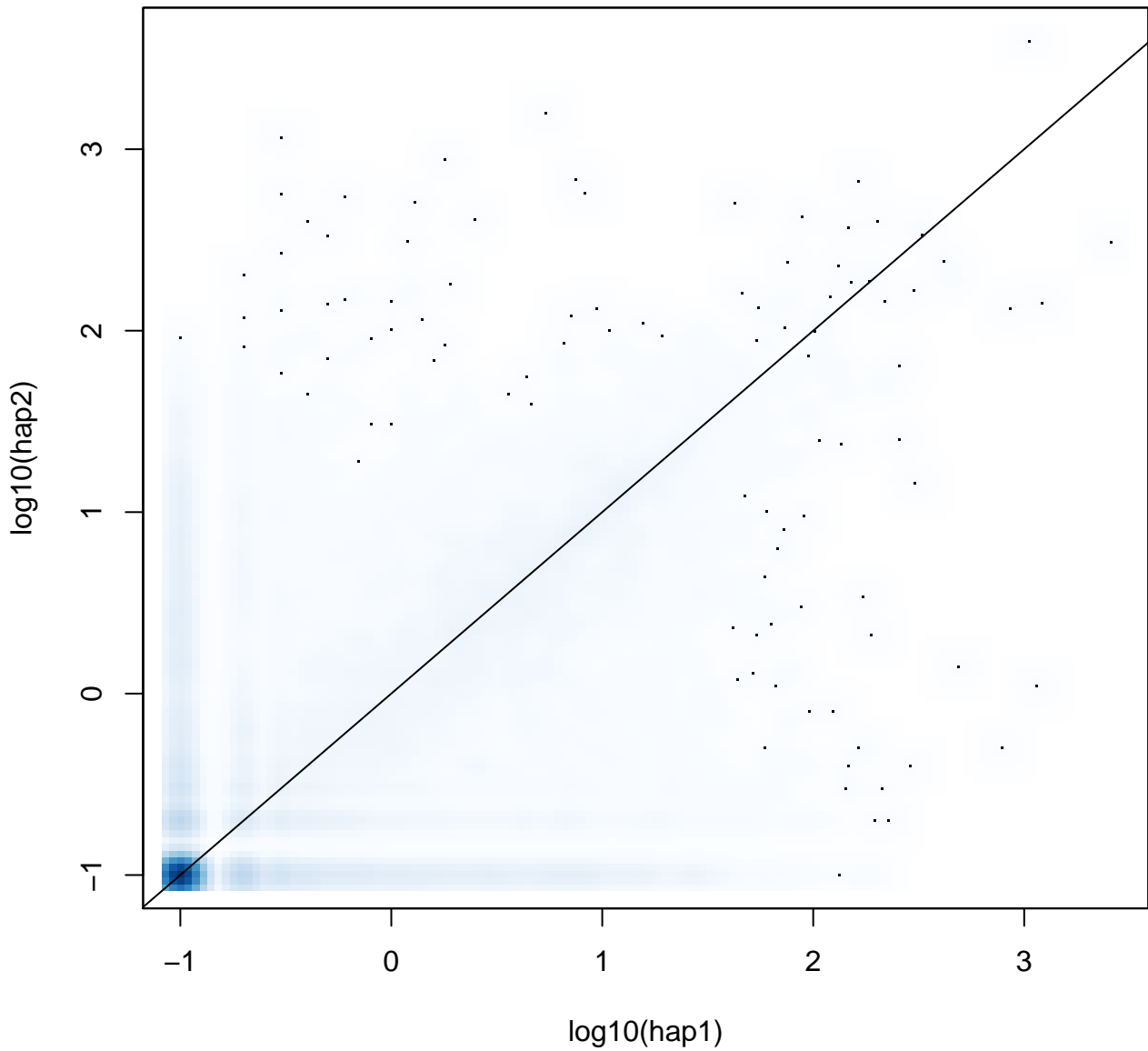
# HG00159: compare hap1 vs hap2 counts



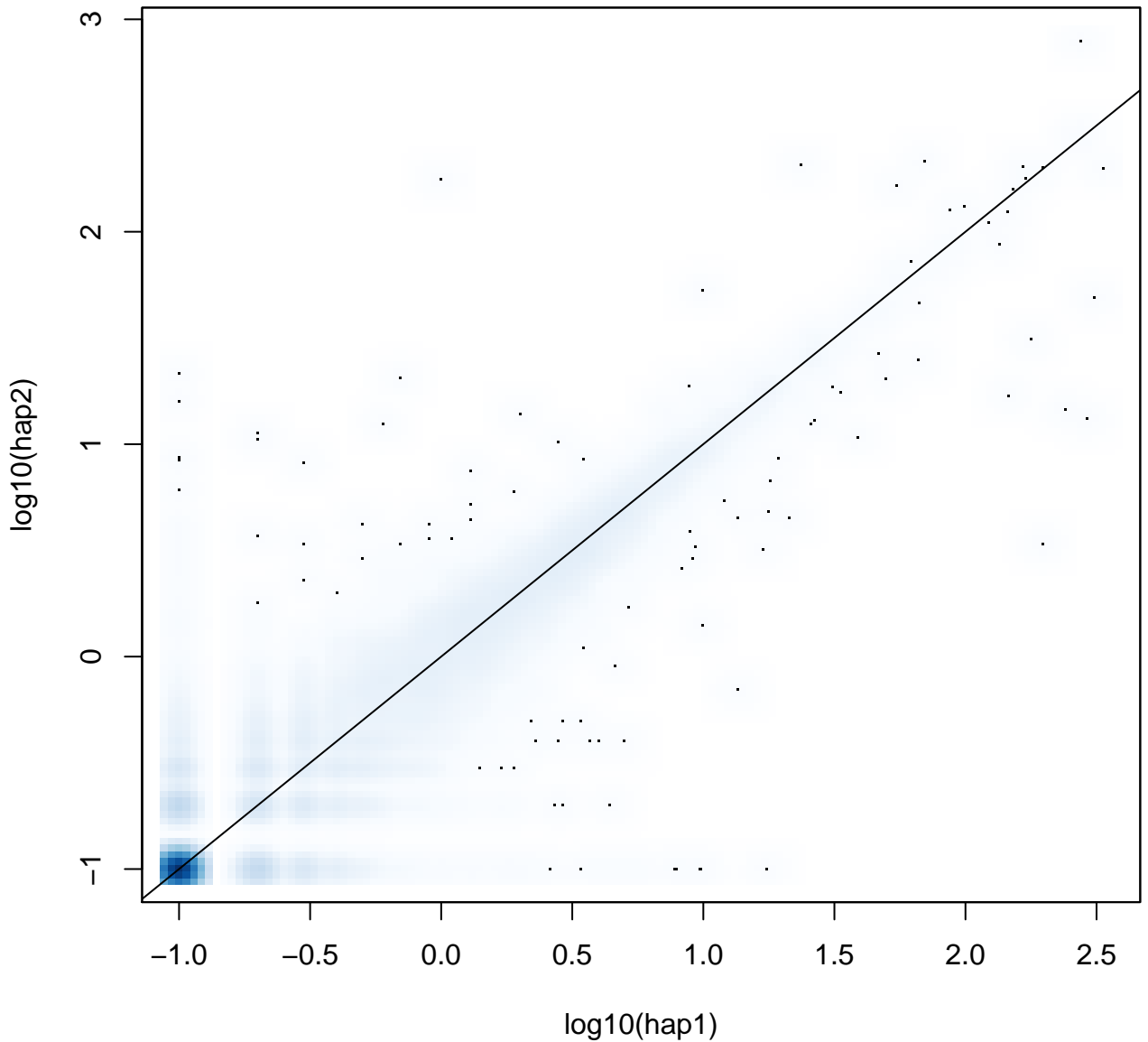
# HG00160: compare hap1 vs hap2 counts



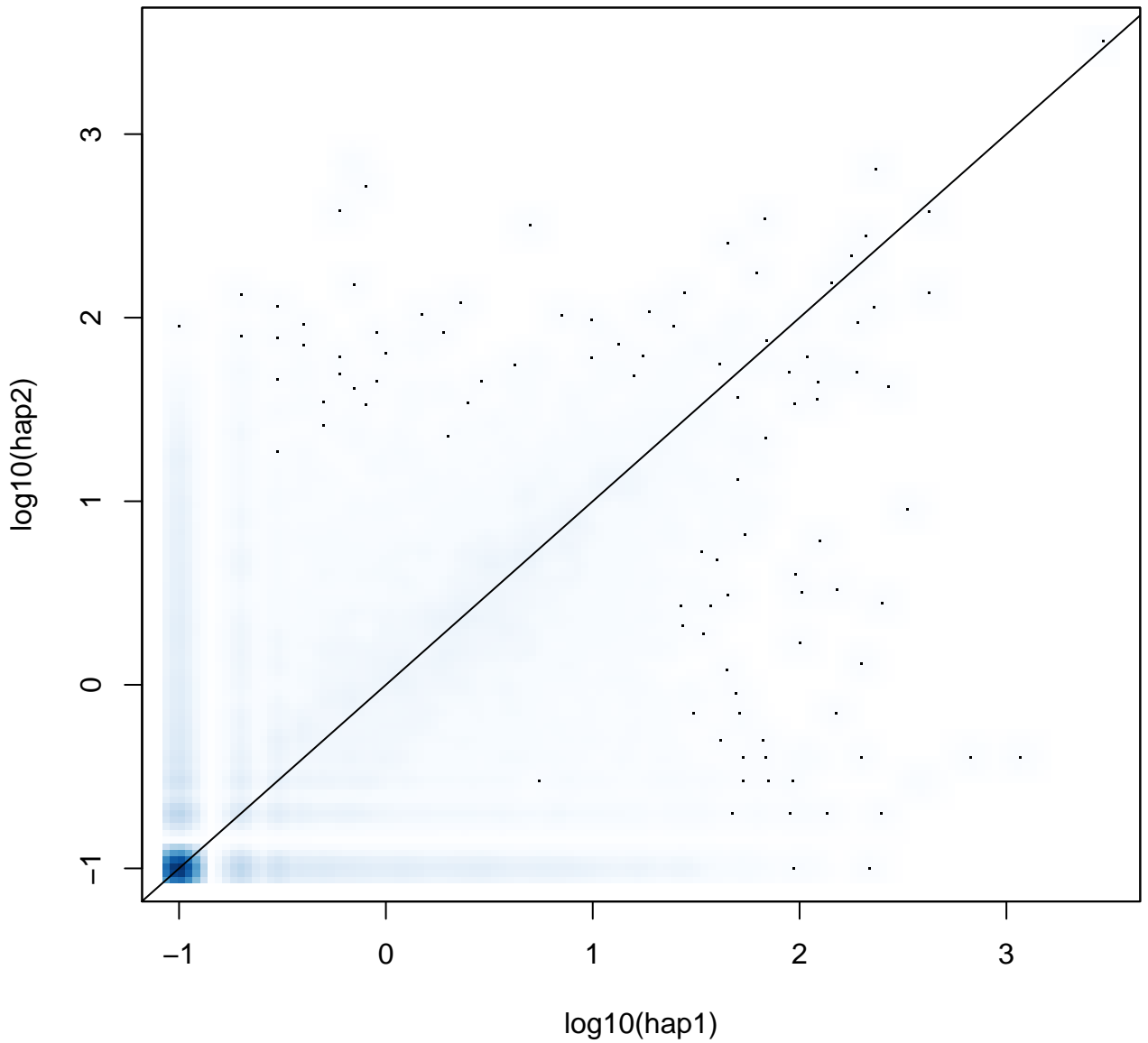
# HG00171: compare hap1 vs hap2 counts



# HG00173: compare hap1 vs hap2 counts

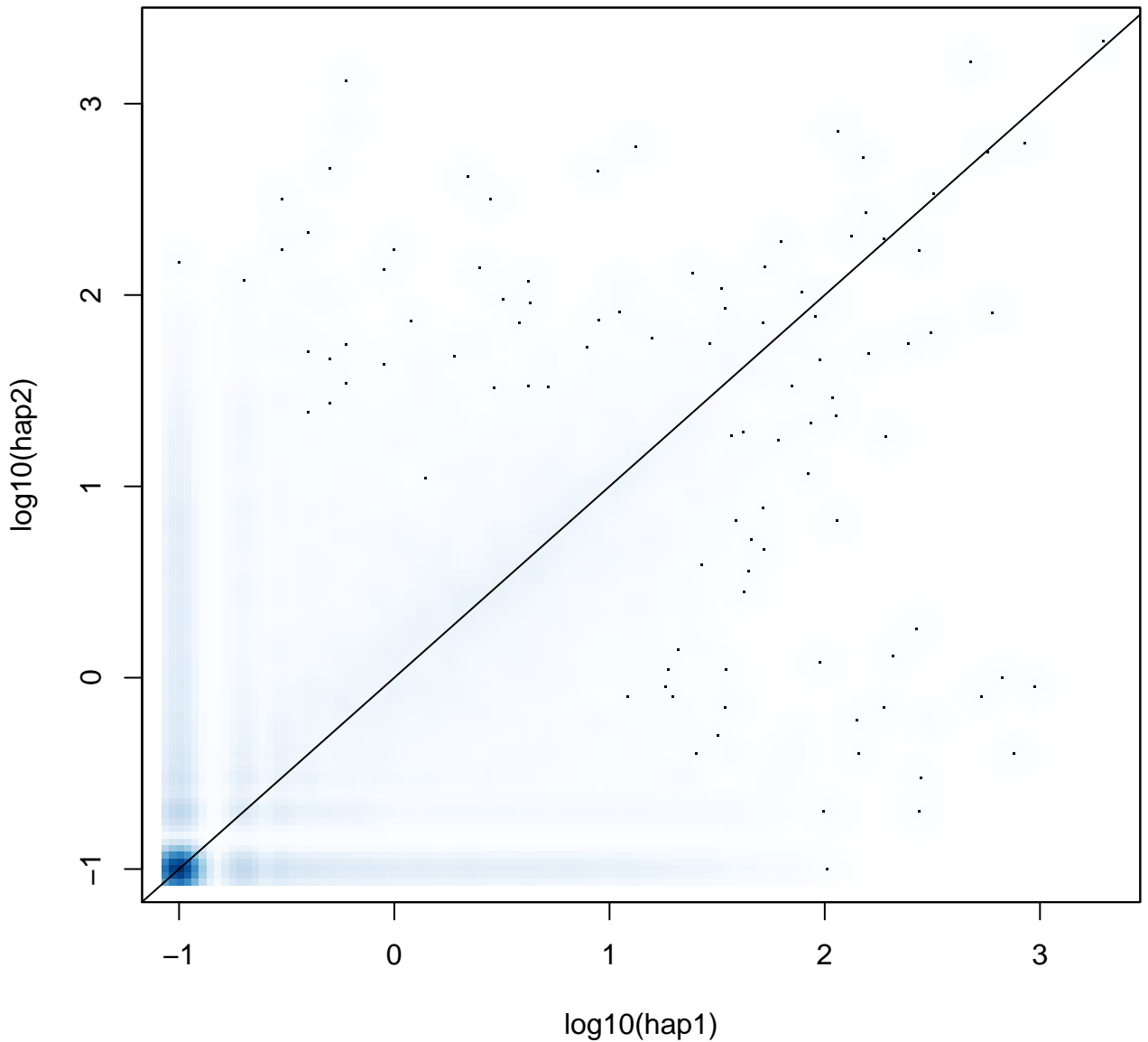


# HG00174: compare hap1 vs hap2 counts

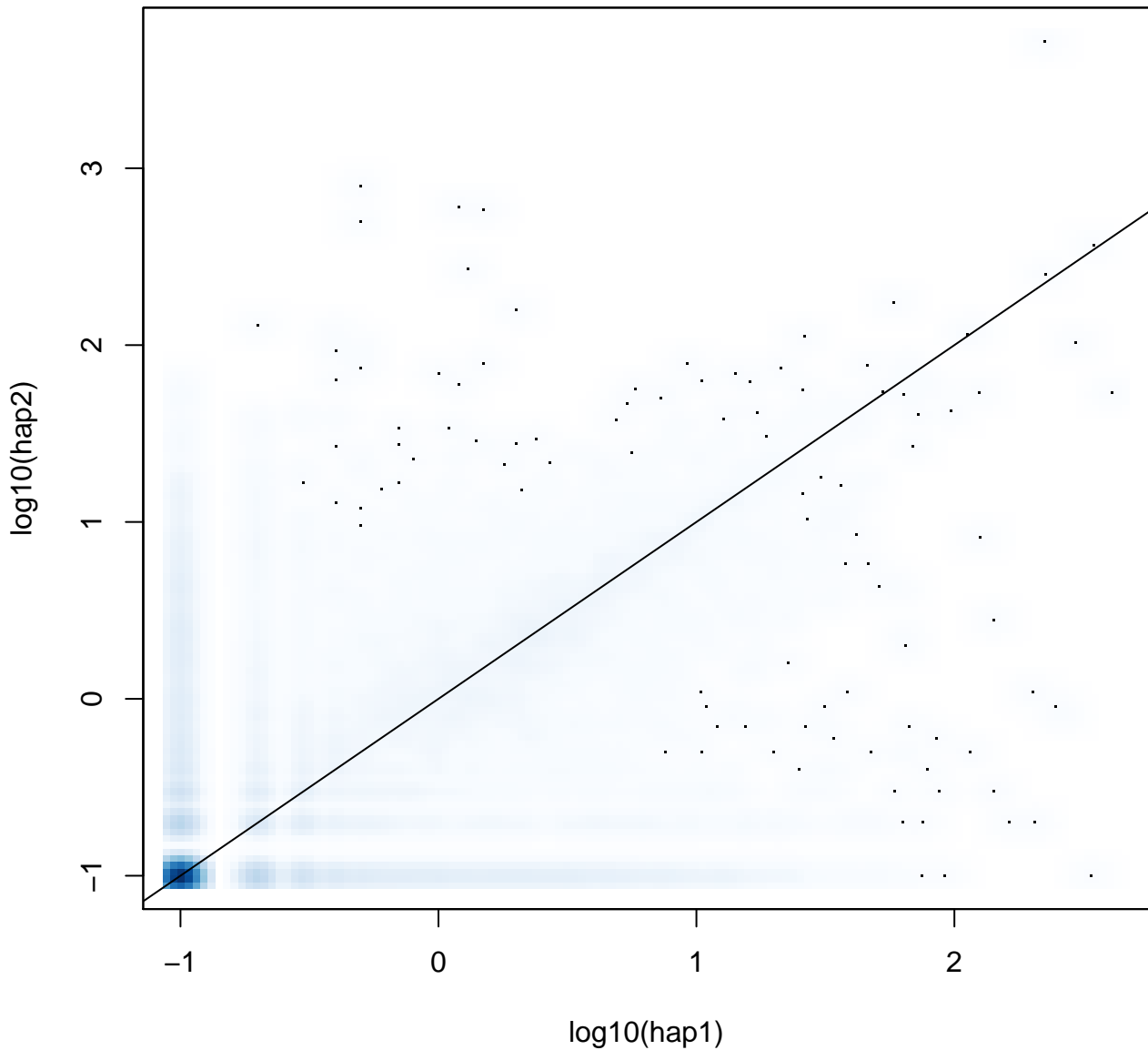




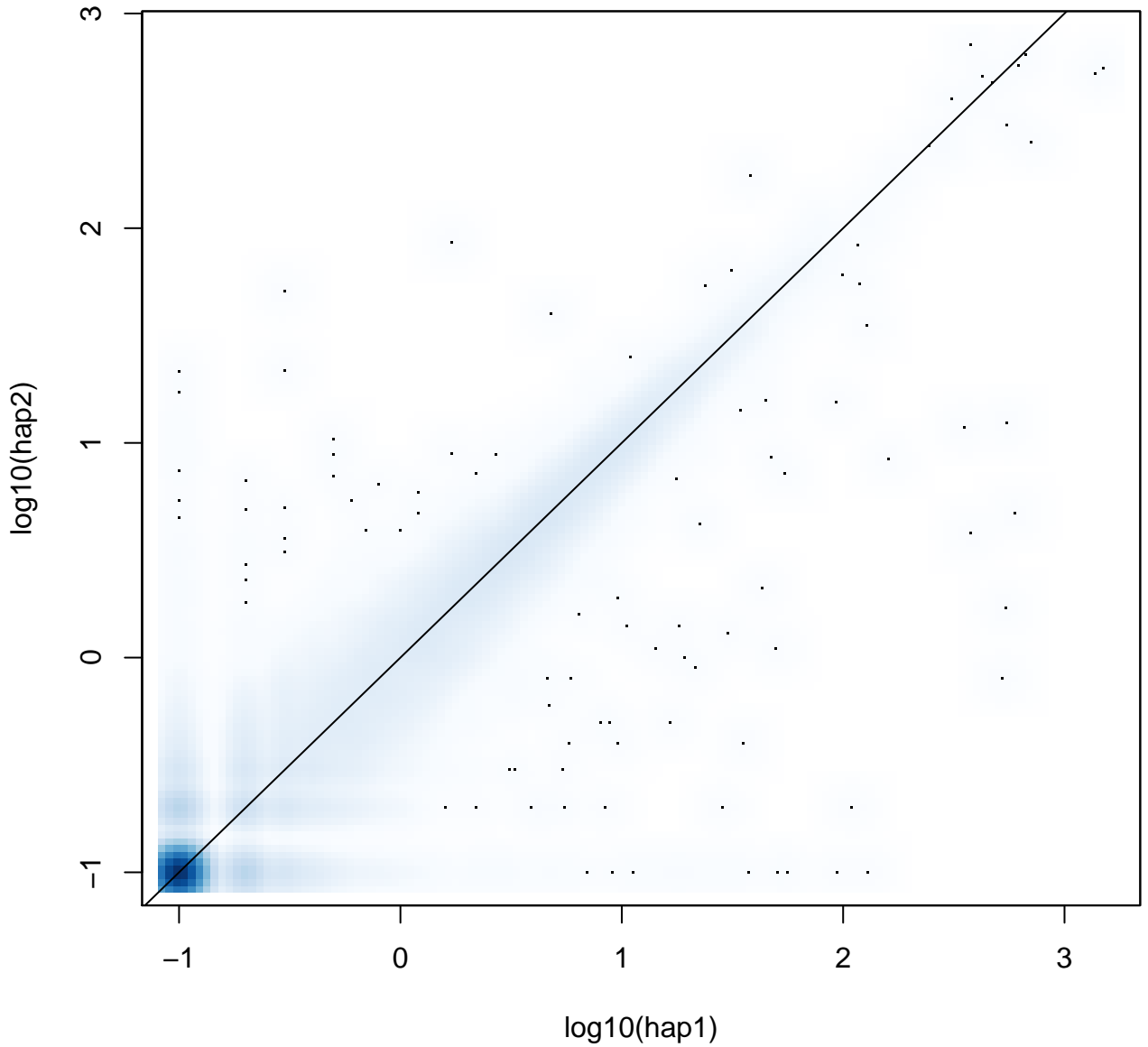
# HG00176: compare hap1 vs hap2 counts



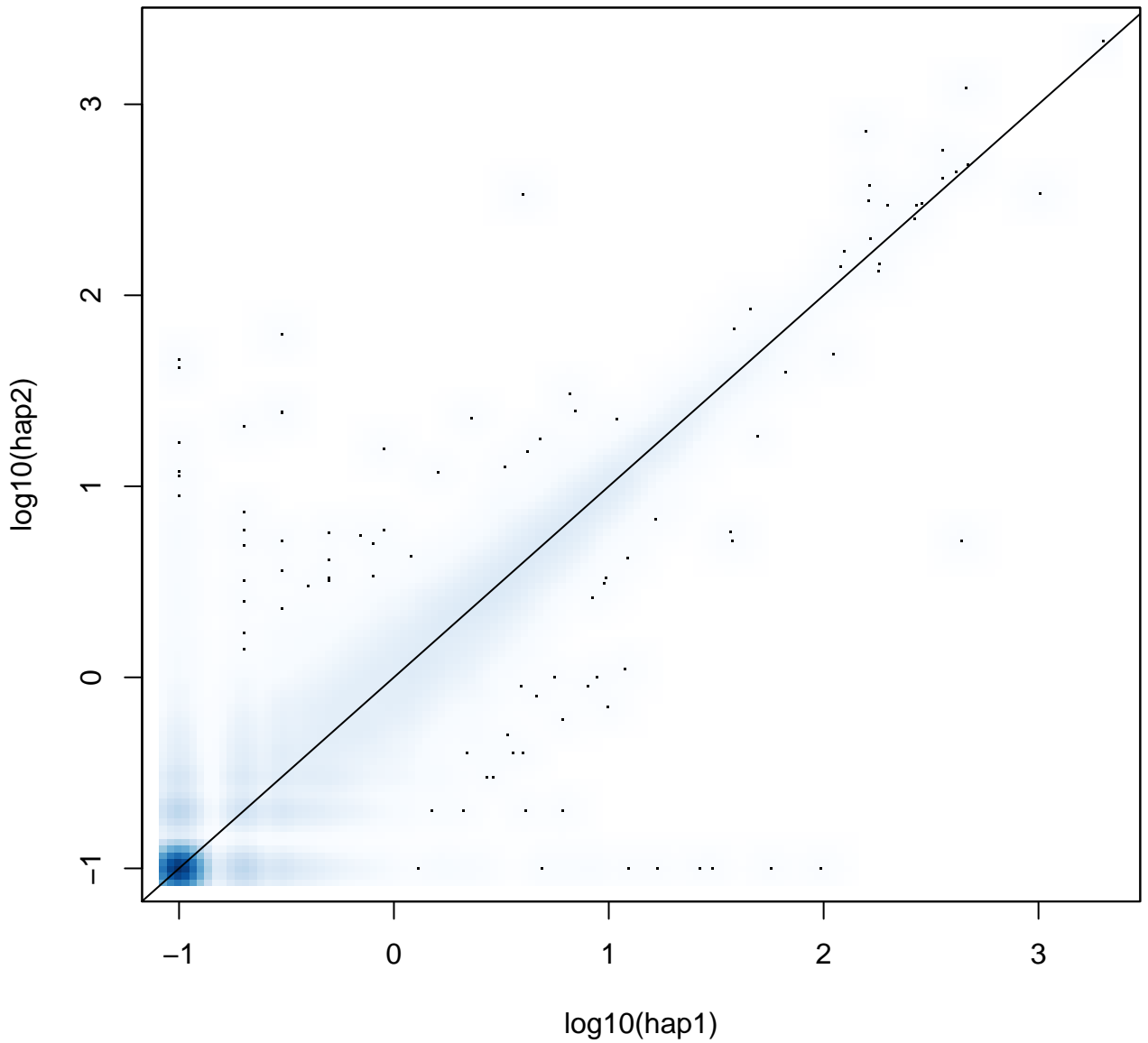
# HG00177: compare hap1 vs hap2 counts



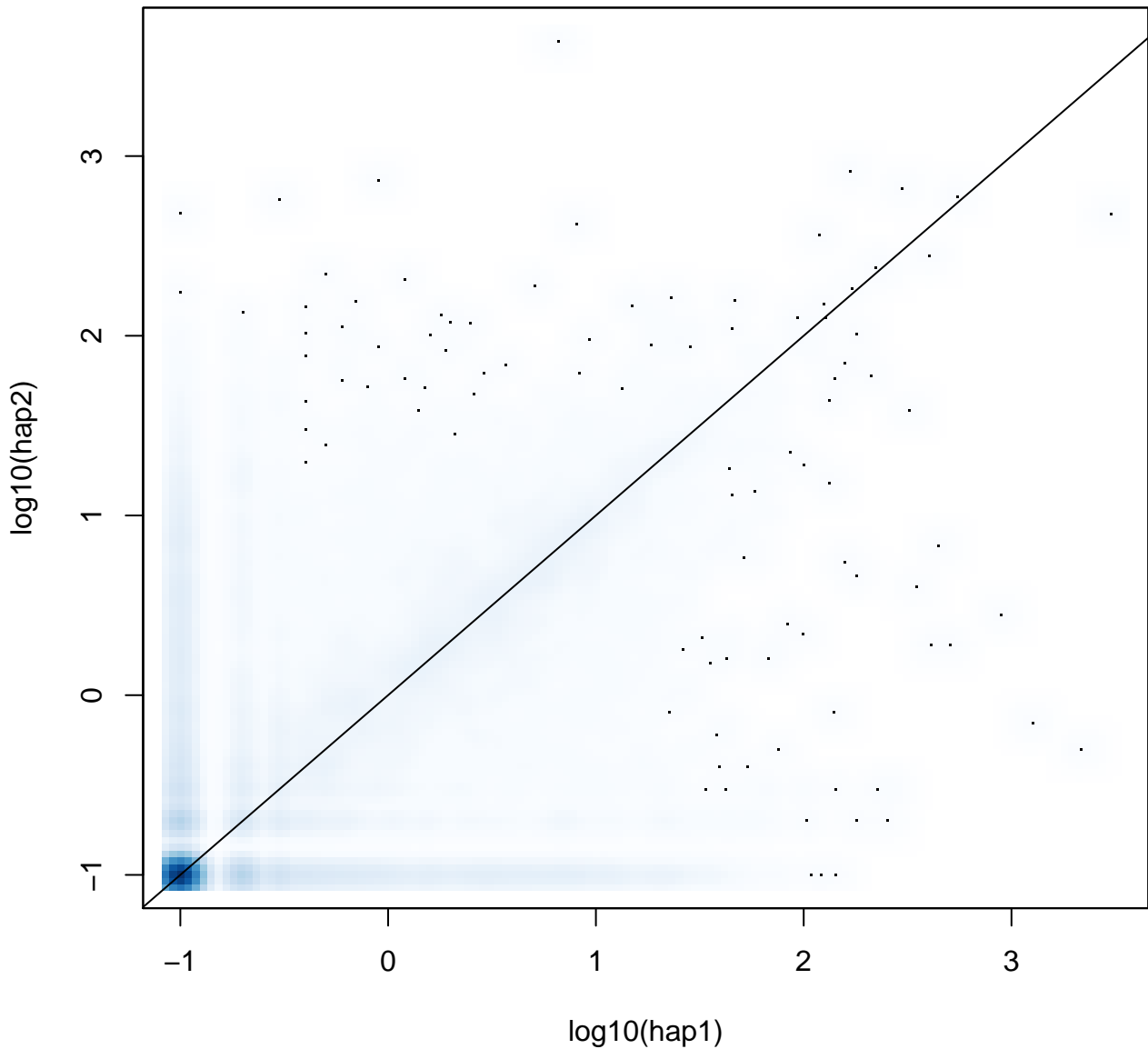
# HG00178: compare hap1 vs hap2 counts



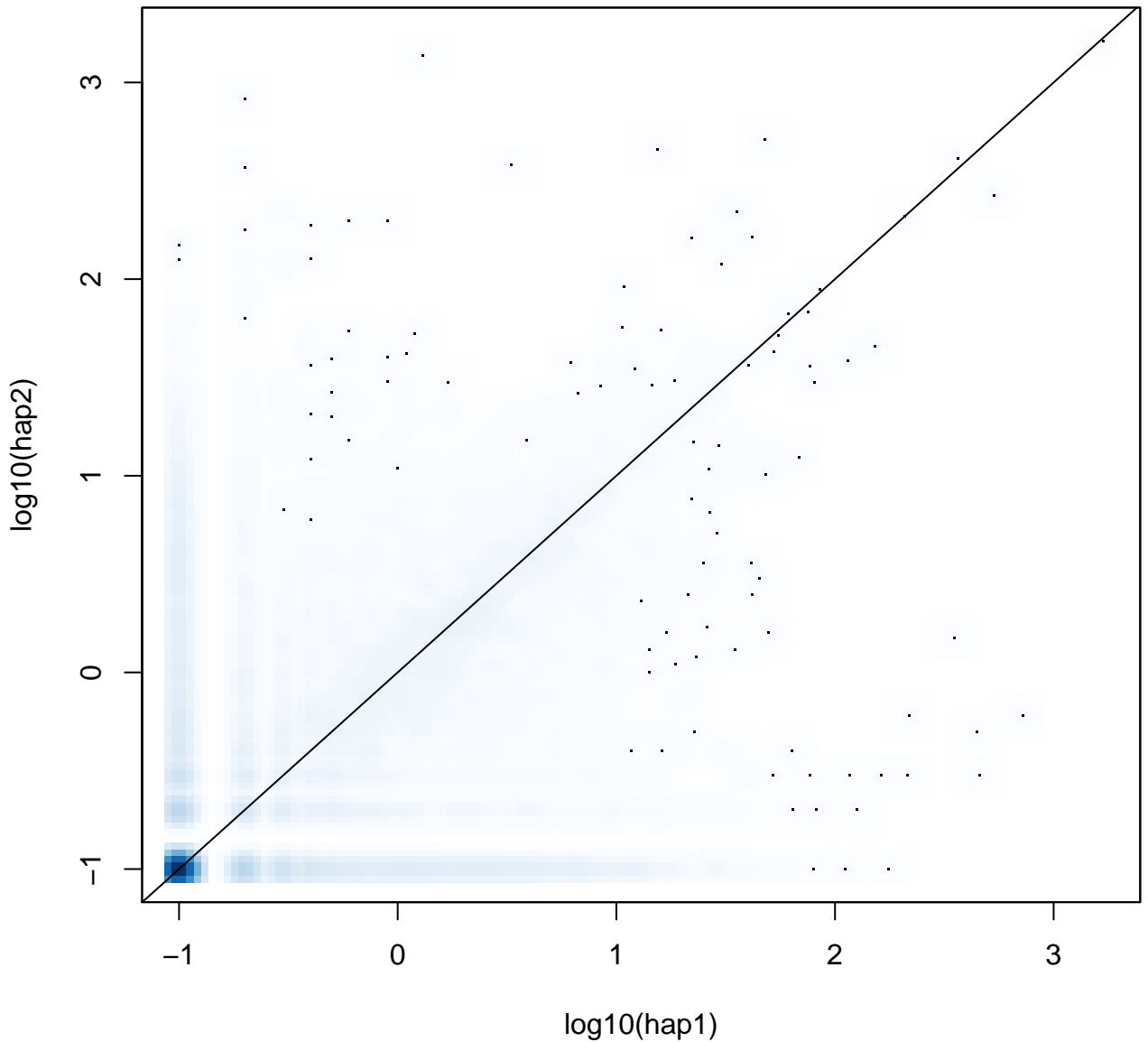
# HG00179: compare hap1 vs hap2 counts



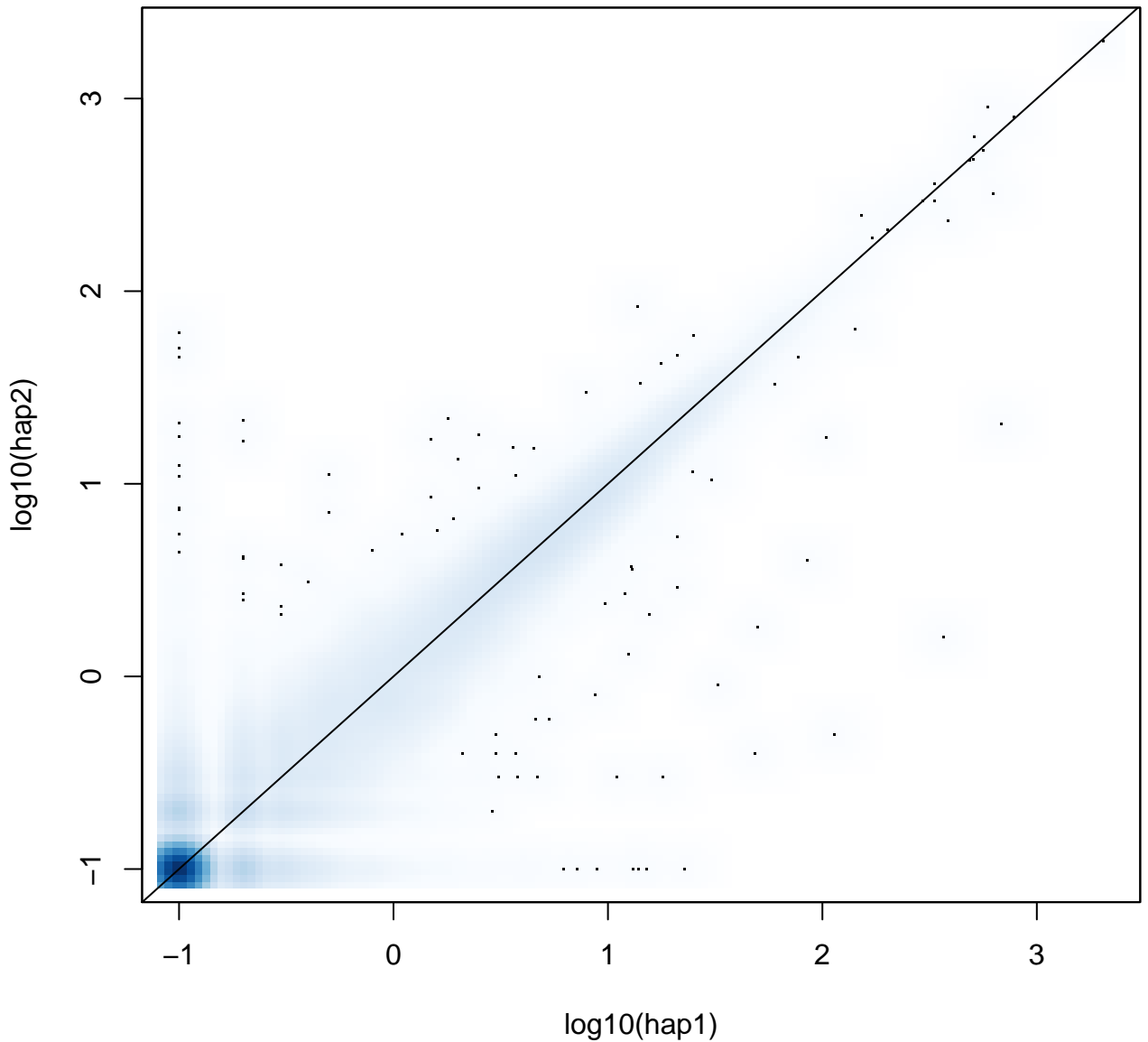
# HG00180: compare hap1 vs hap2 counts



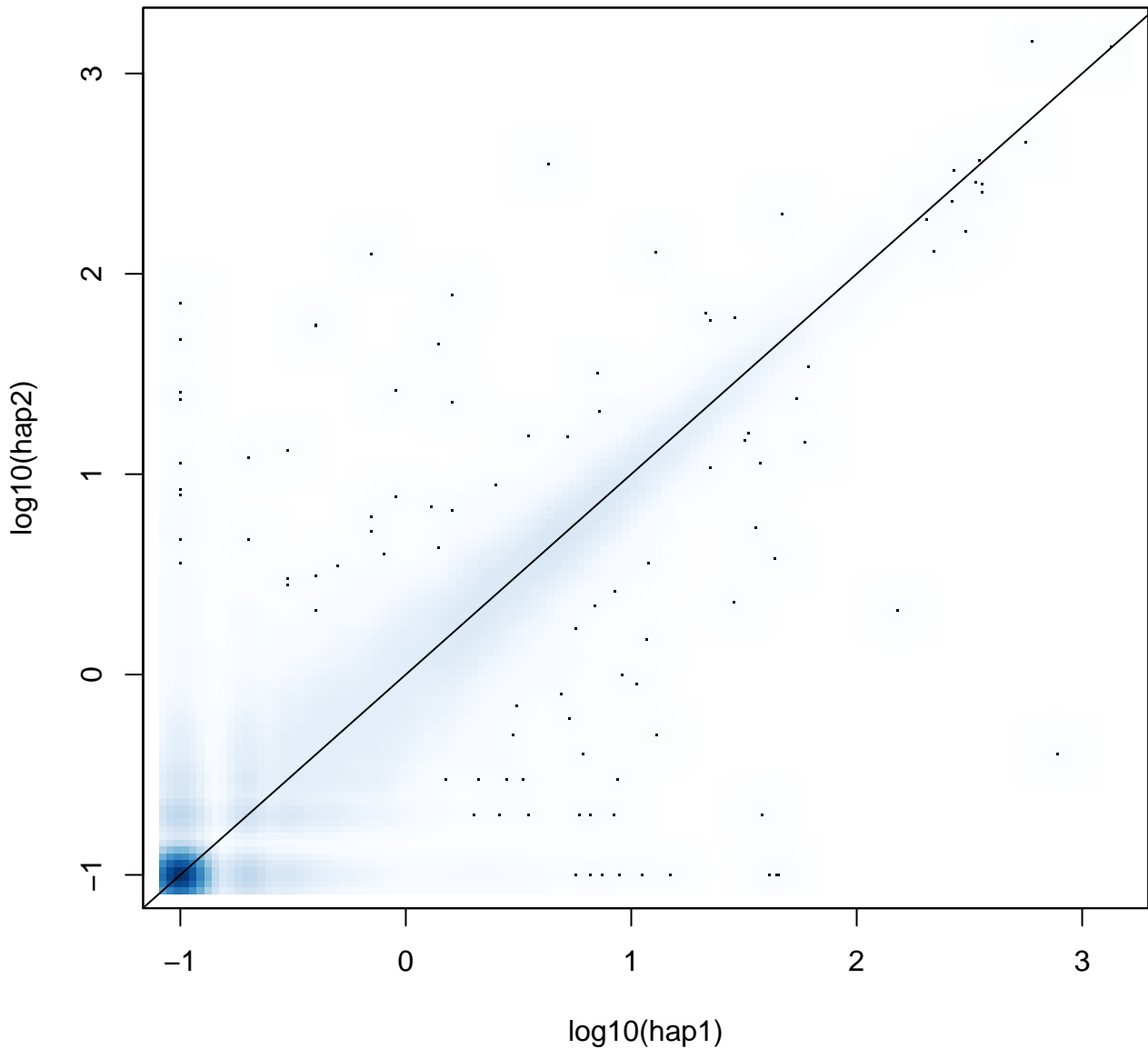
# HG00182: compare hap1 vs hap2 counts



# HG00183: compare hap1 vs hap2 counts

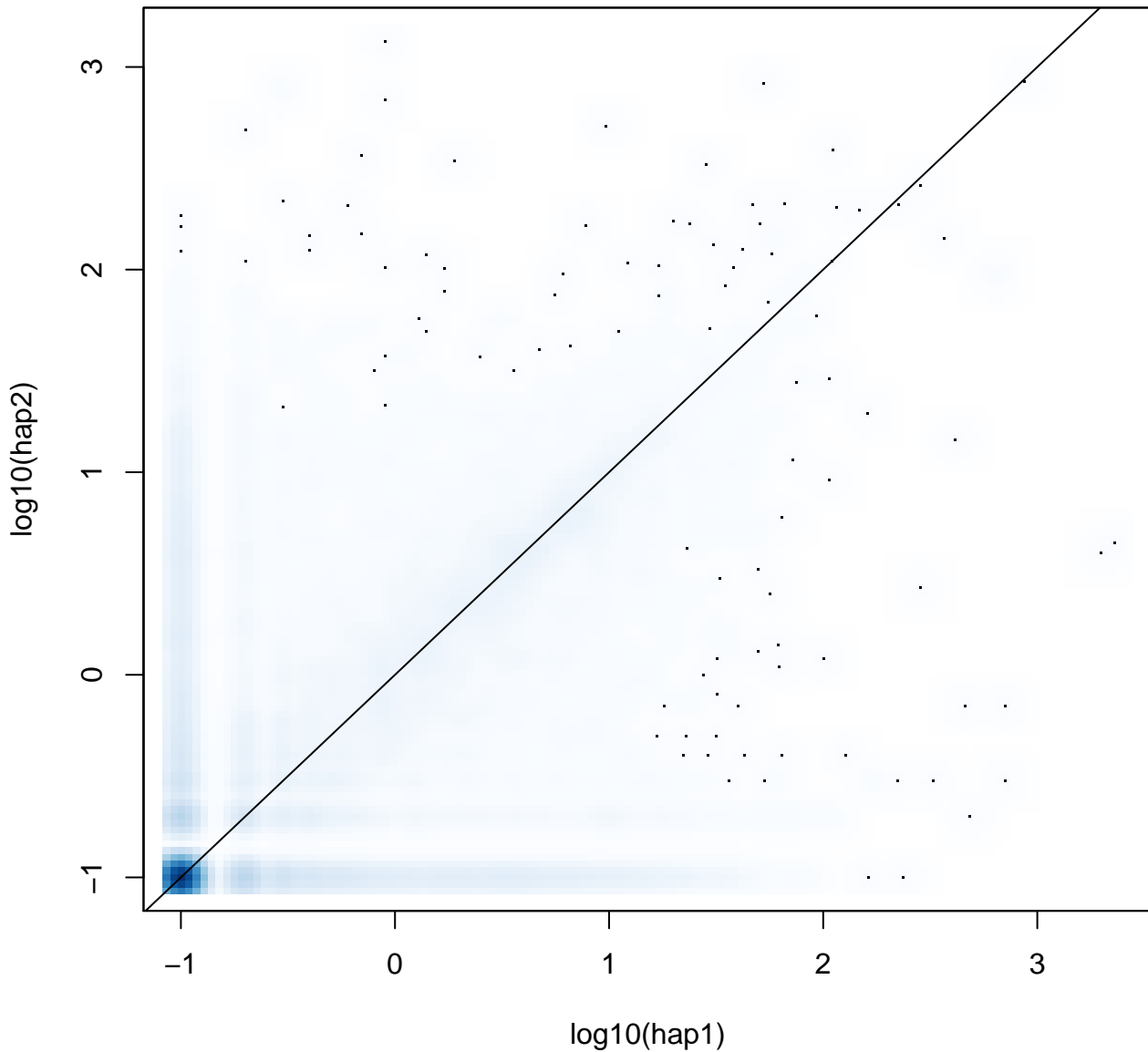


# HG00185: compare hap1 vs hap2 counts

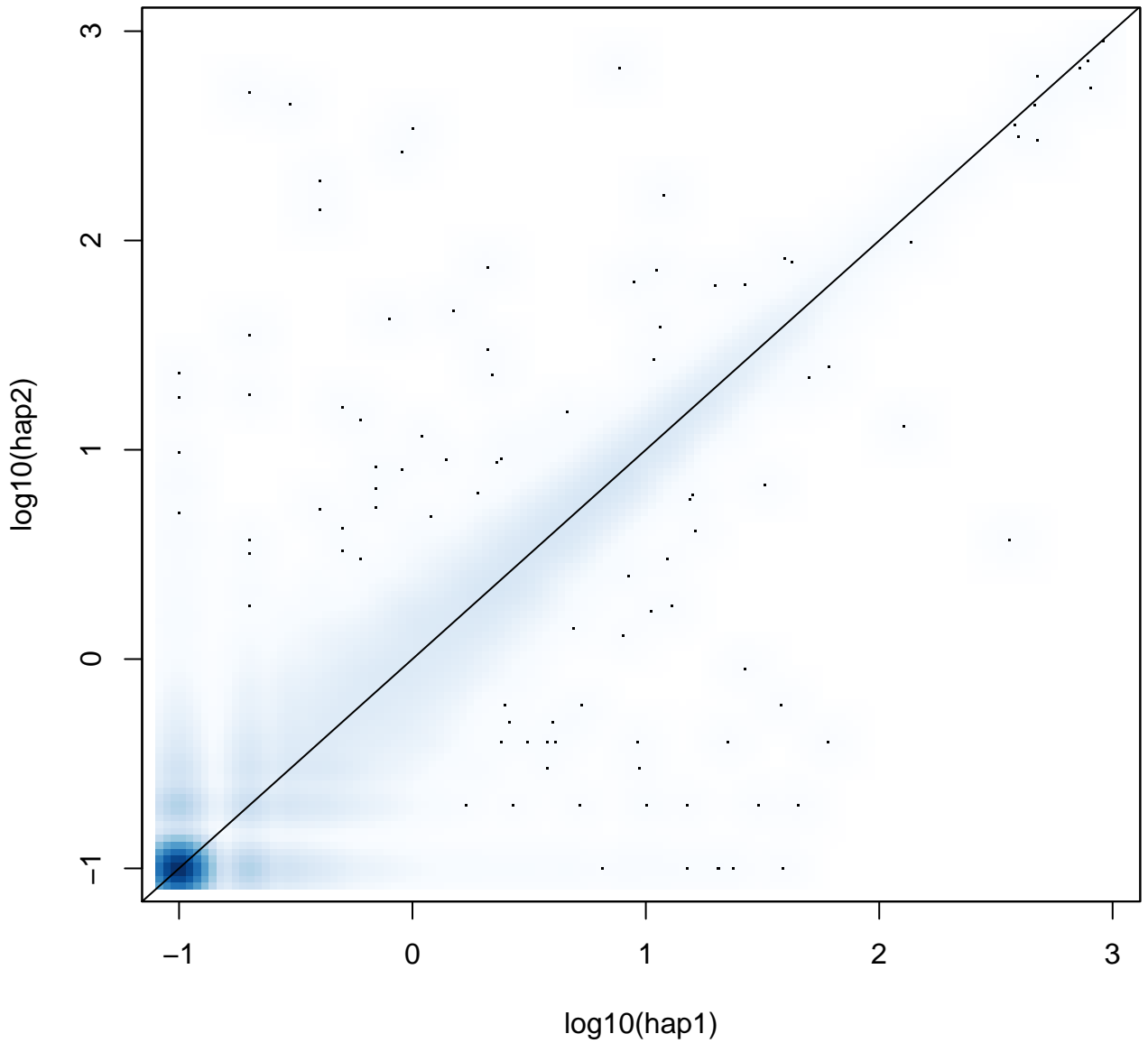




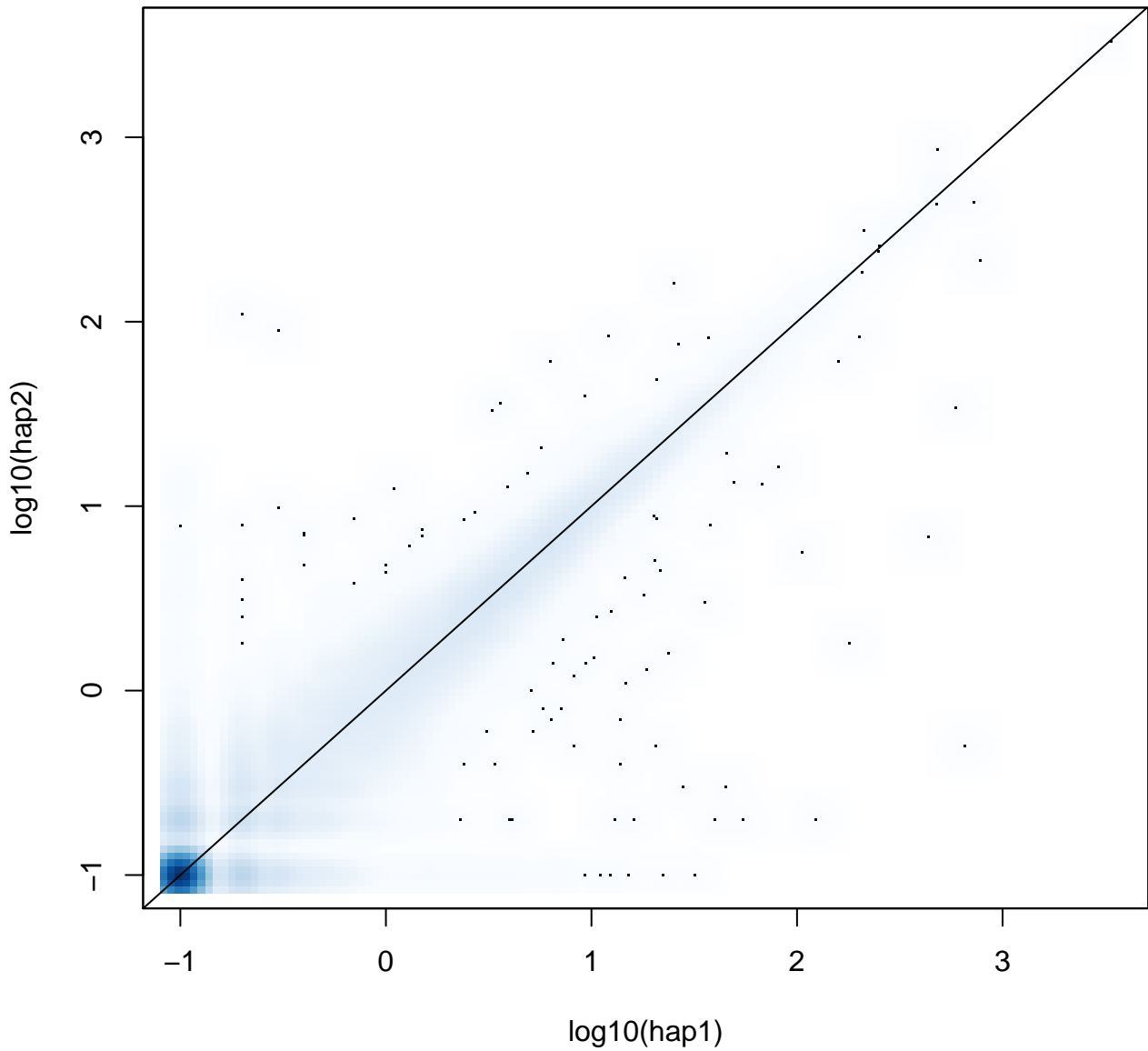
# HG00186: compare hap1 vs hap2 counts



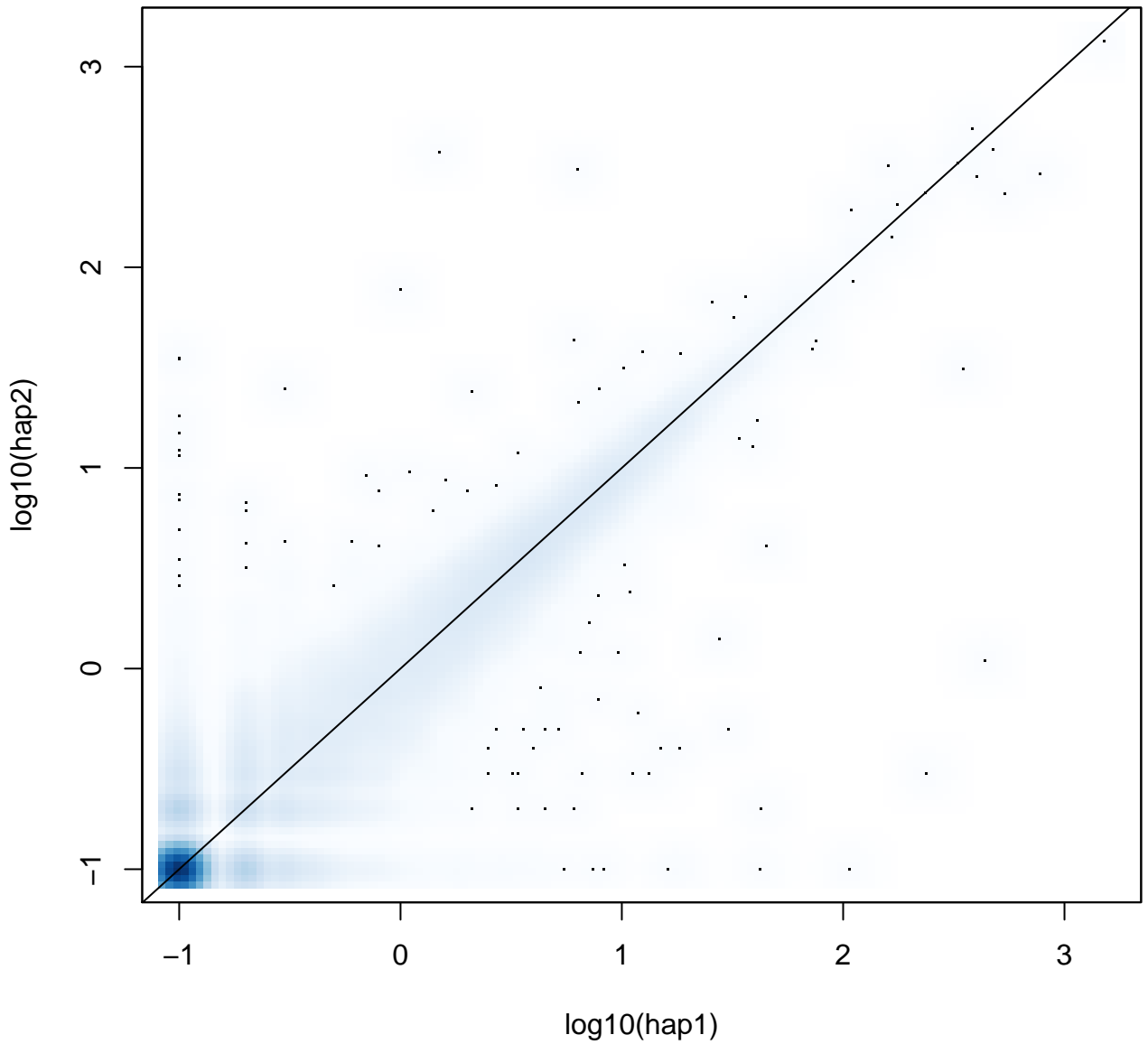
# HG00187: compare hap1 vs hap2 counts



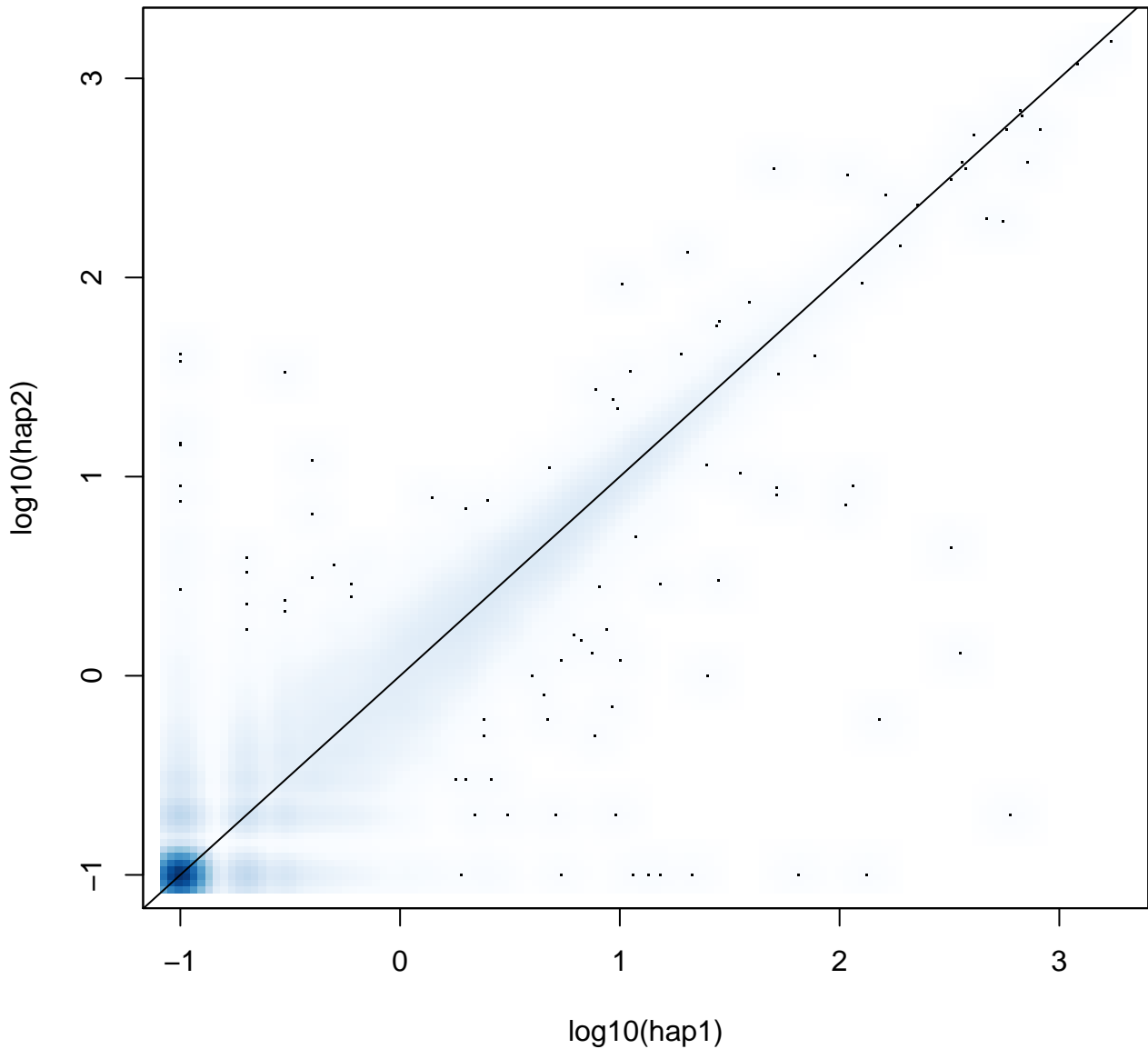
# HG00188: compare hap1 vs hap2 counts



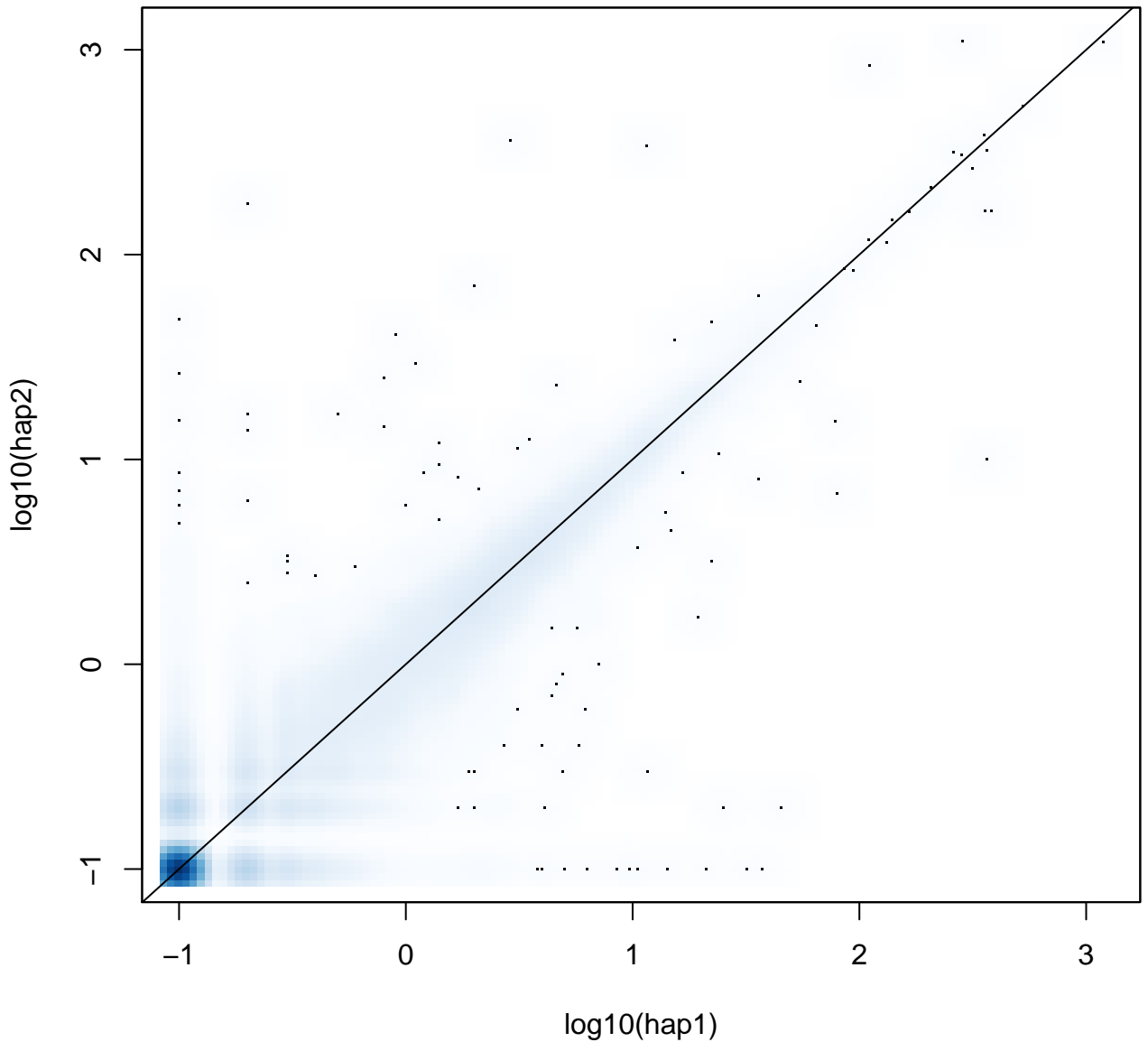
# HG00189: compare hap1 vs hap2 counts



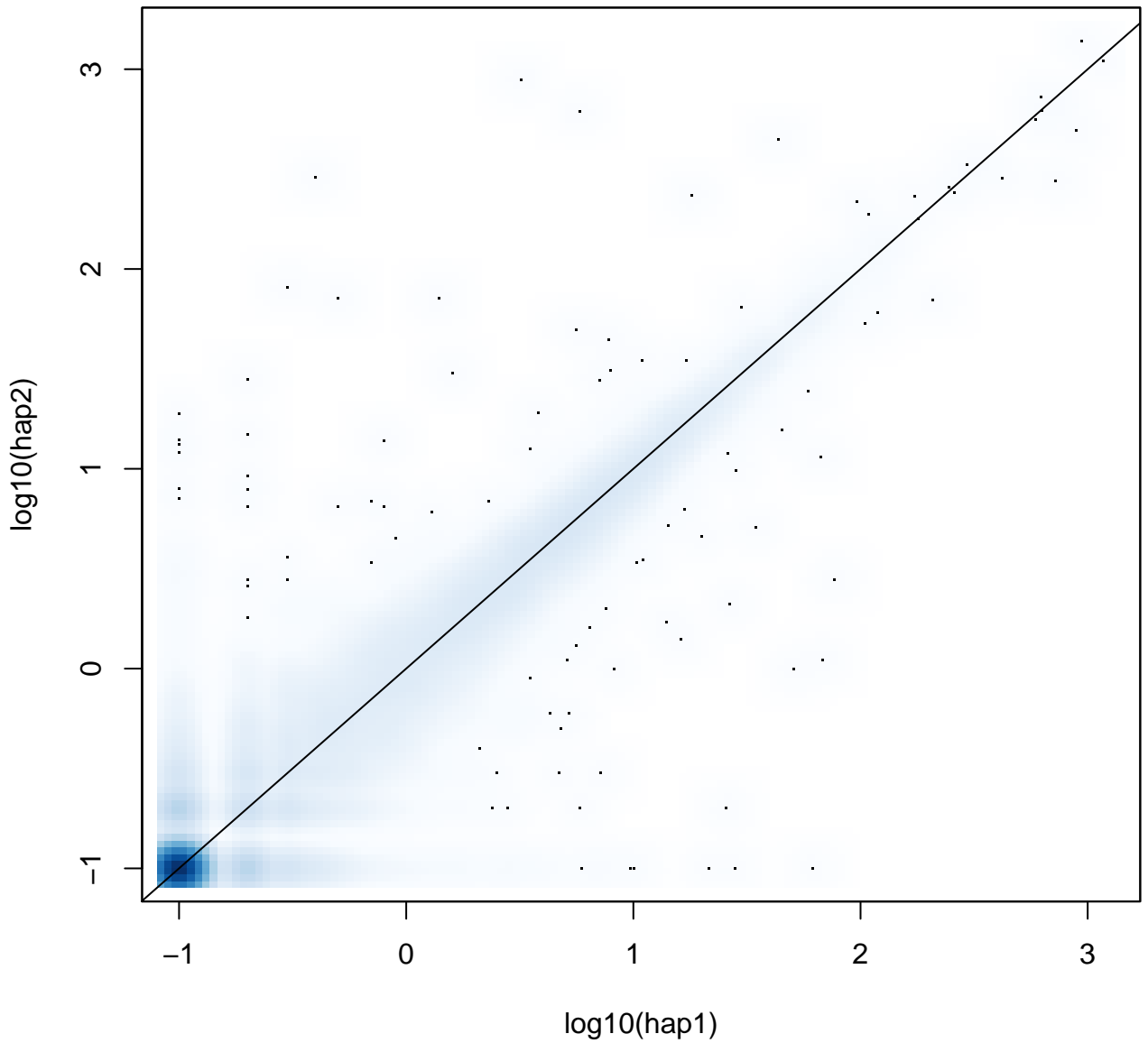
# HG00231: compare hap1 vs hap2 counts



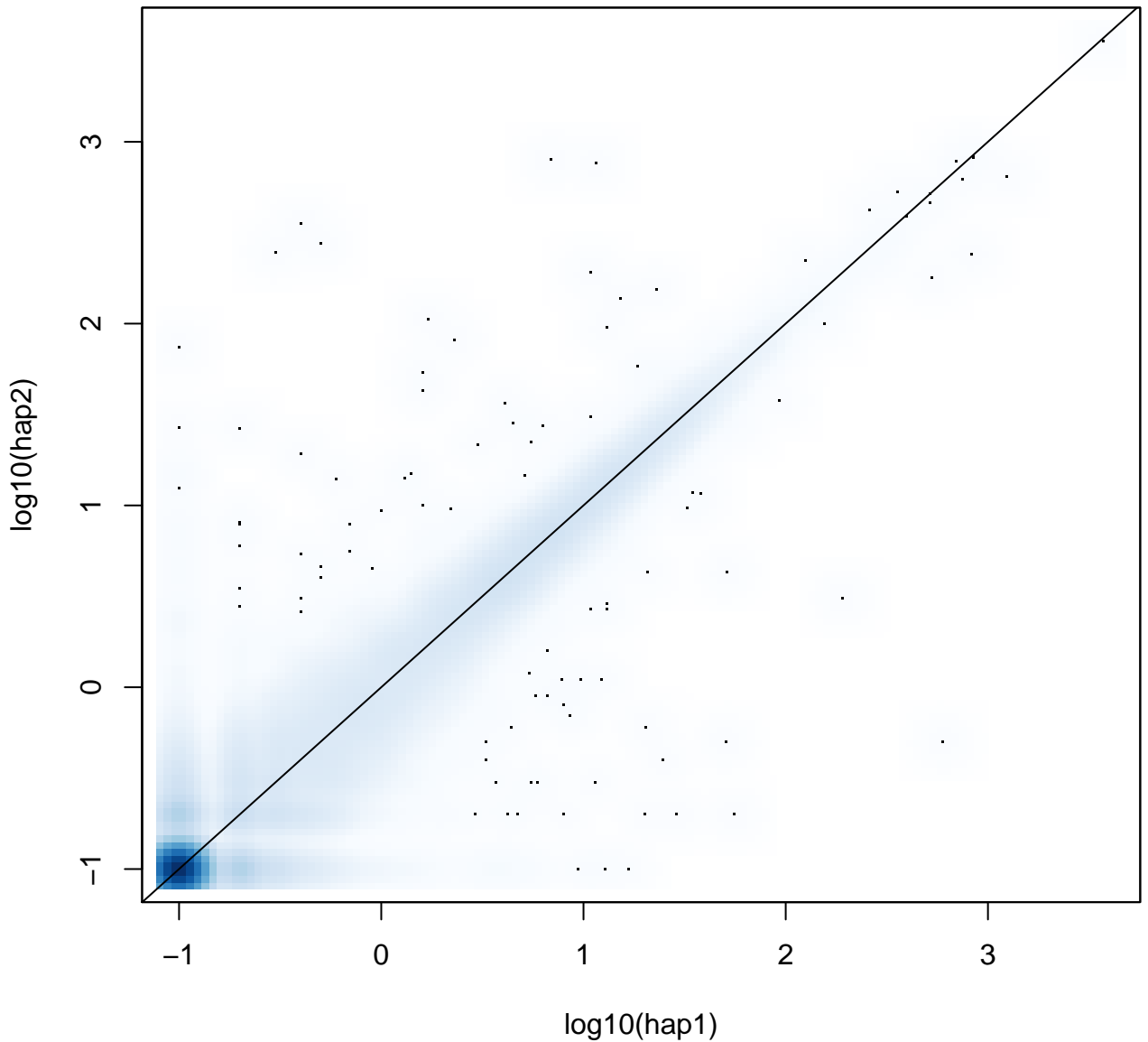
# HG00232: compare hap1 vs hap2 counts



# HG00233: compare hap1 vs hap2 counts

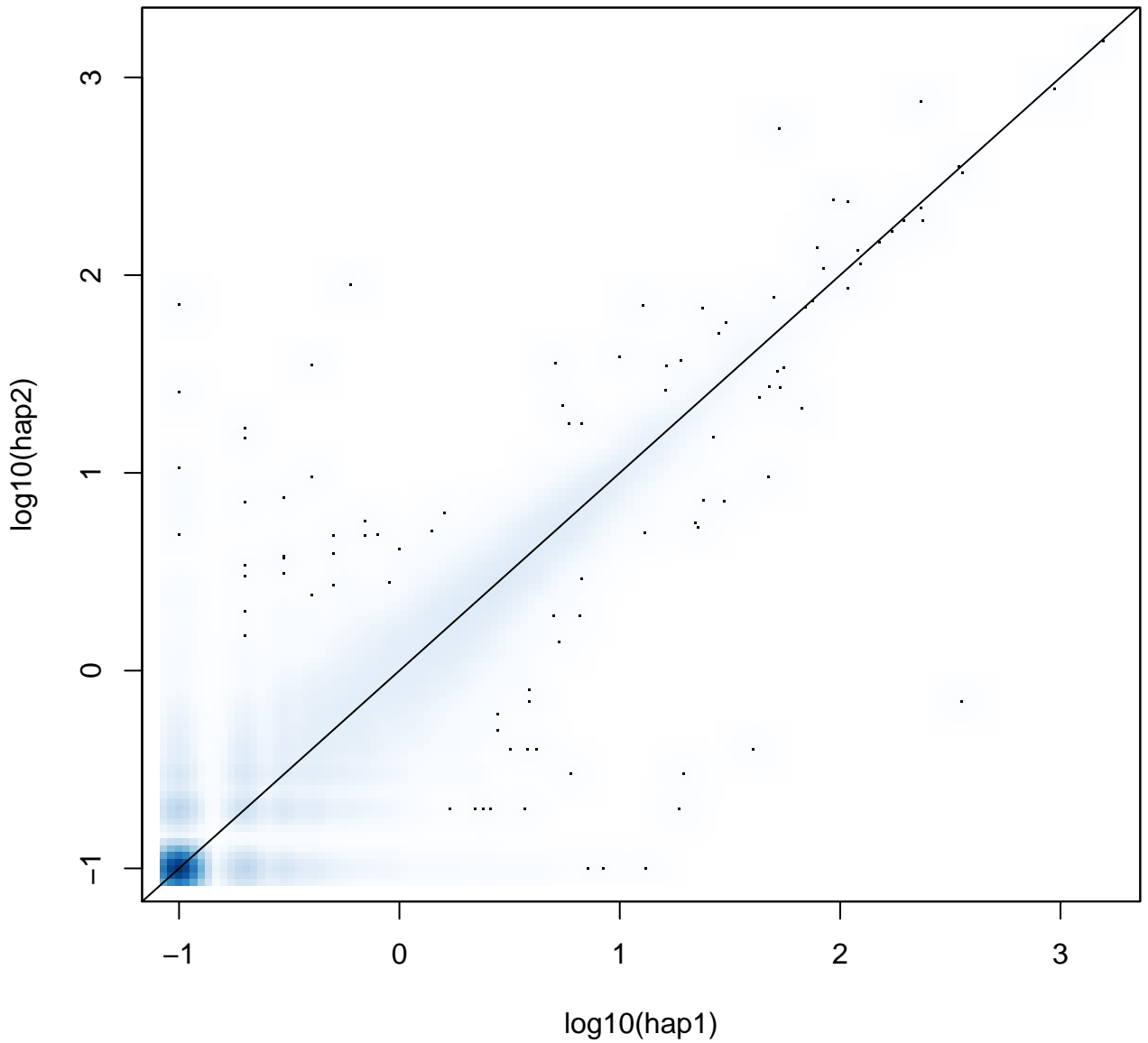


# HG00234: compare hap1 vs hap2 counts

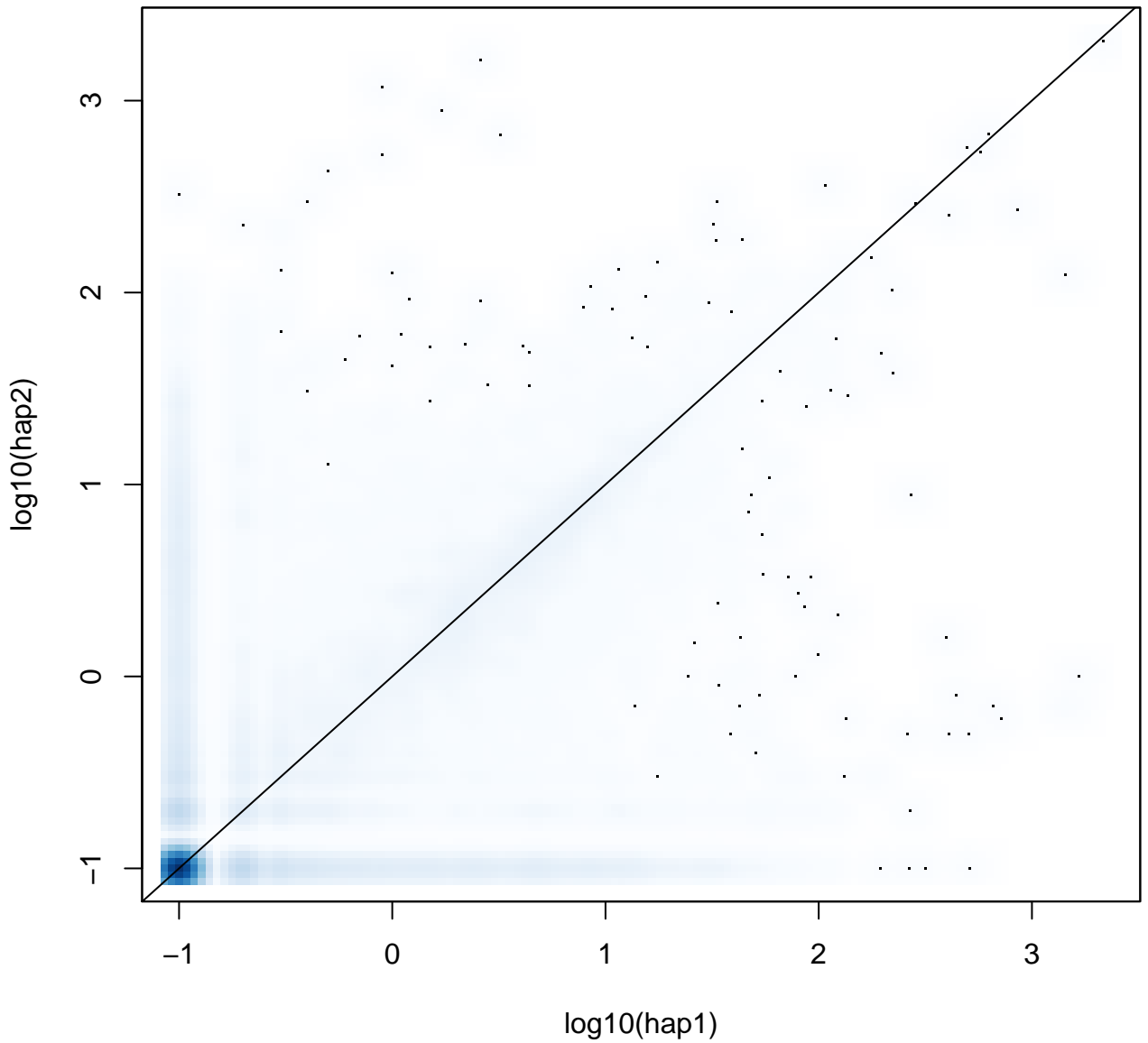




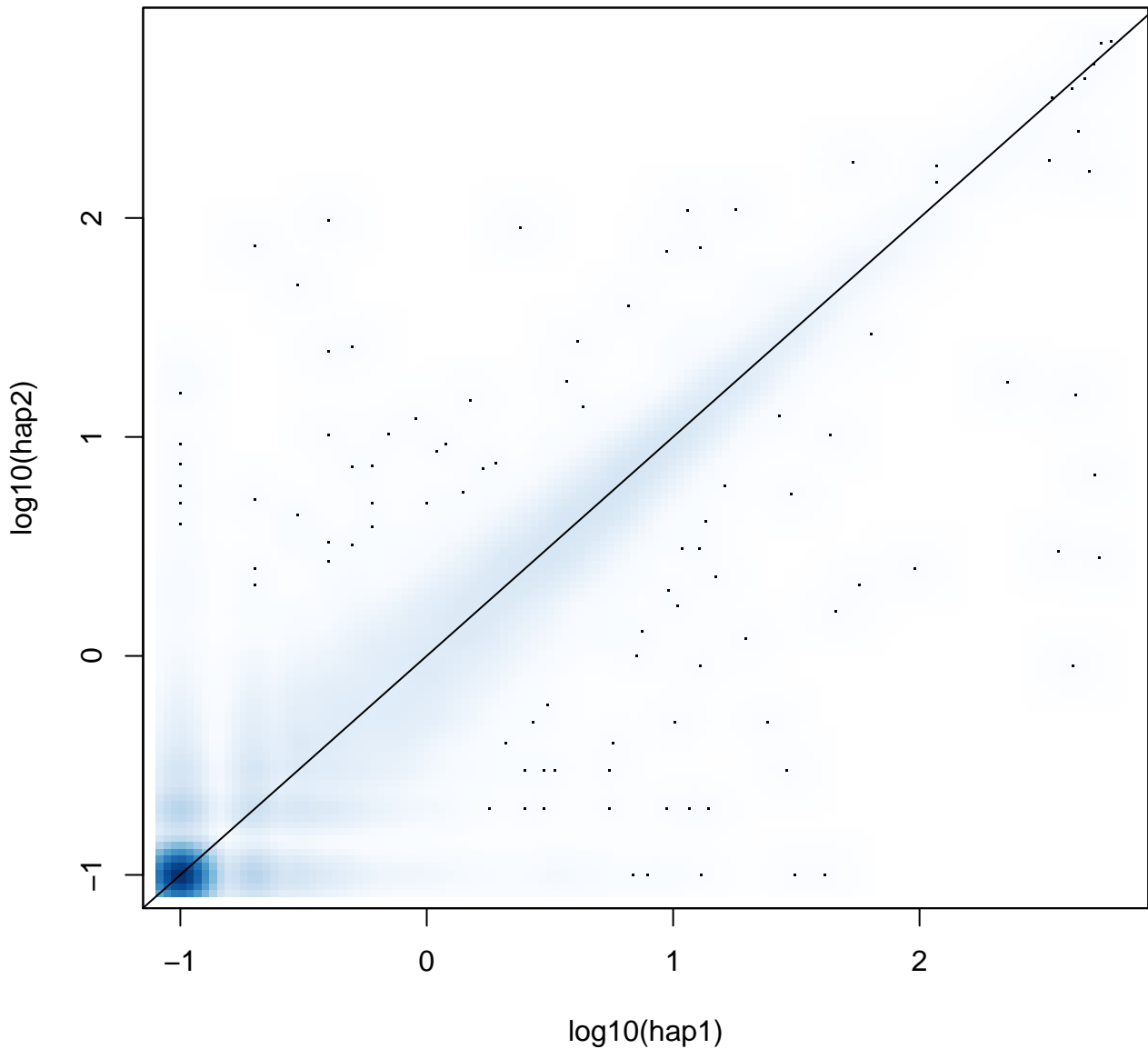
# HG00235: compare hap1 vs hap2 counts



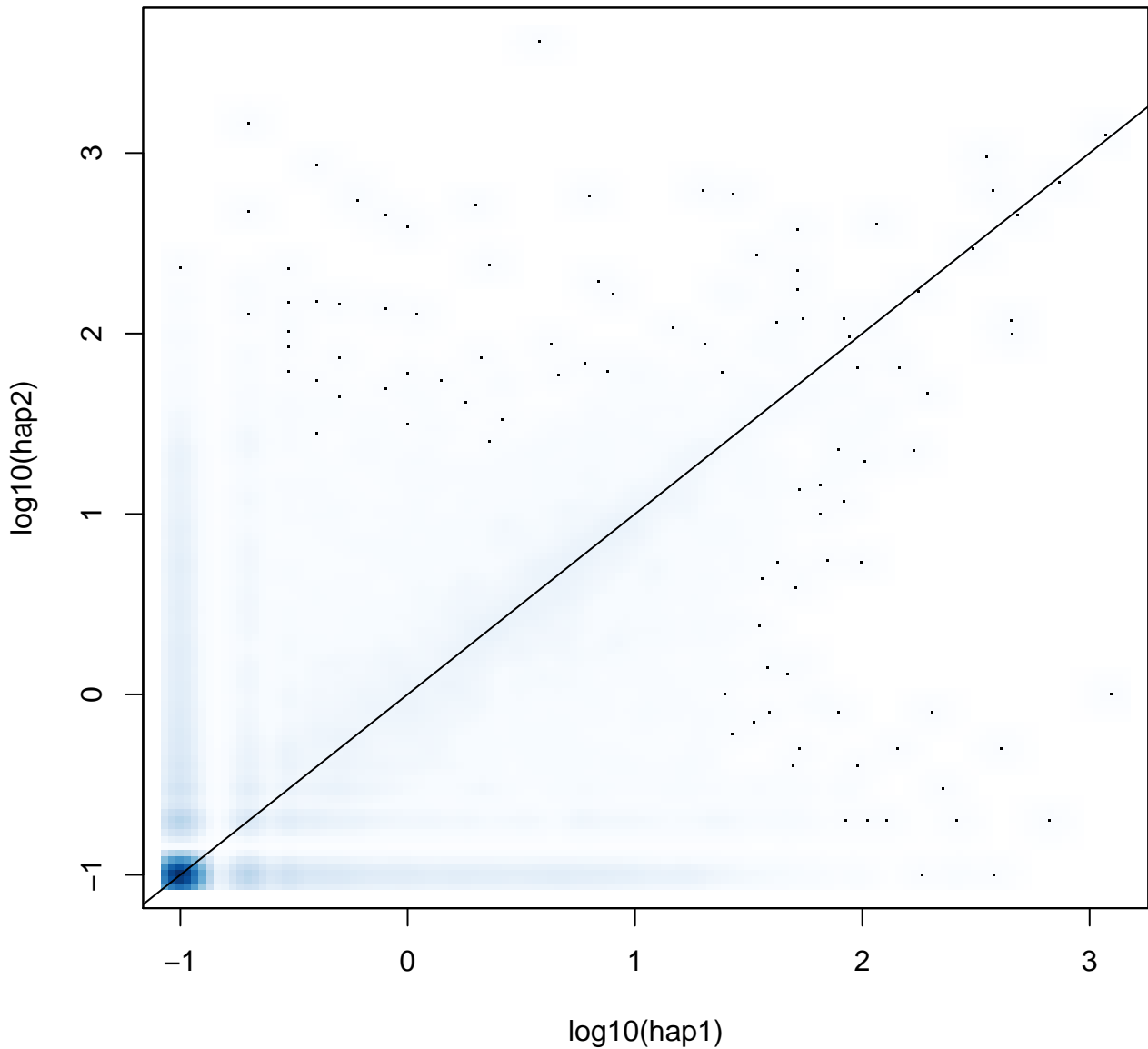
# HG00236: compare hap1 vs hap2 counts



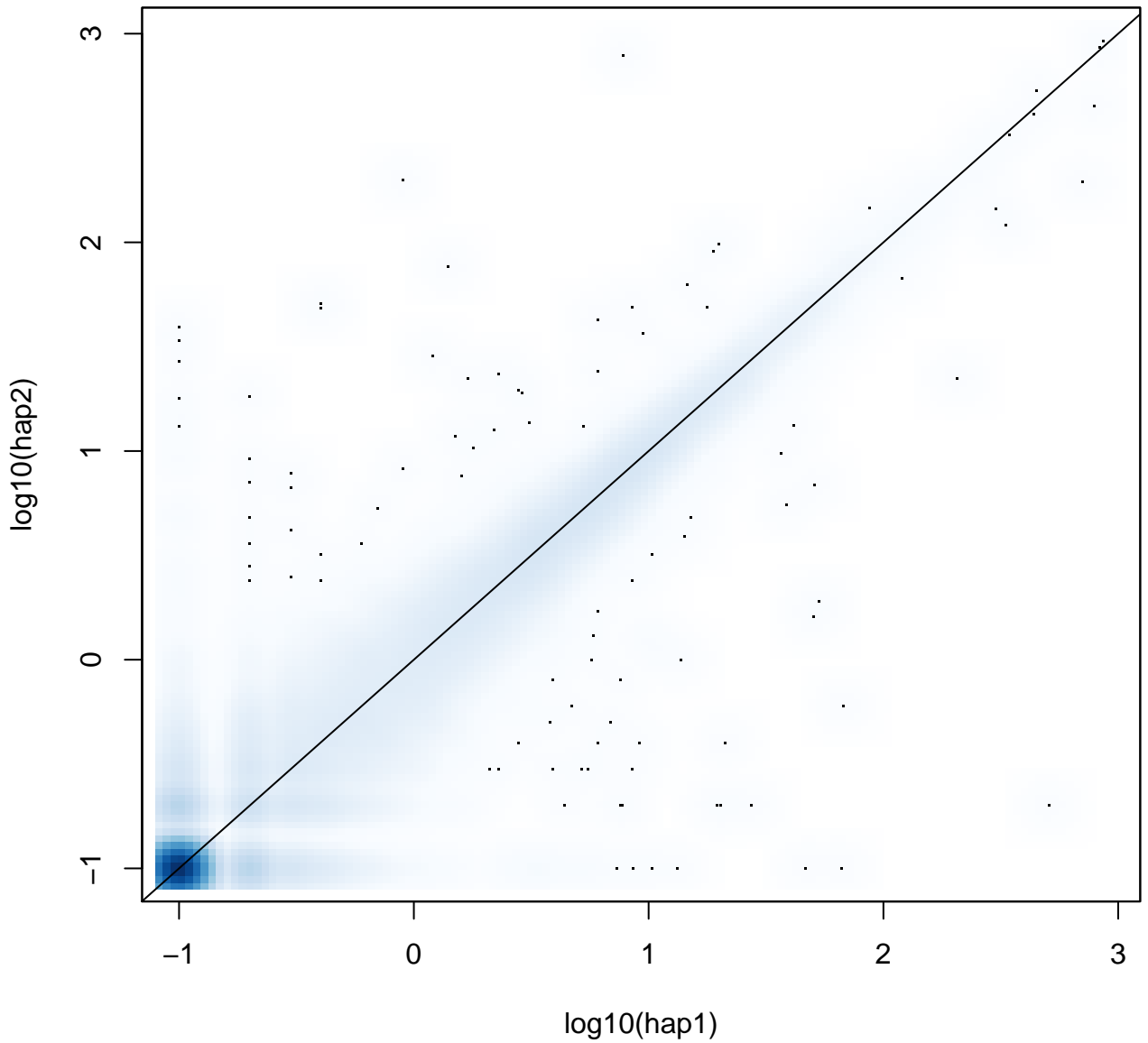
# HG00238: compare hap1 vs hap2 counts



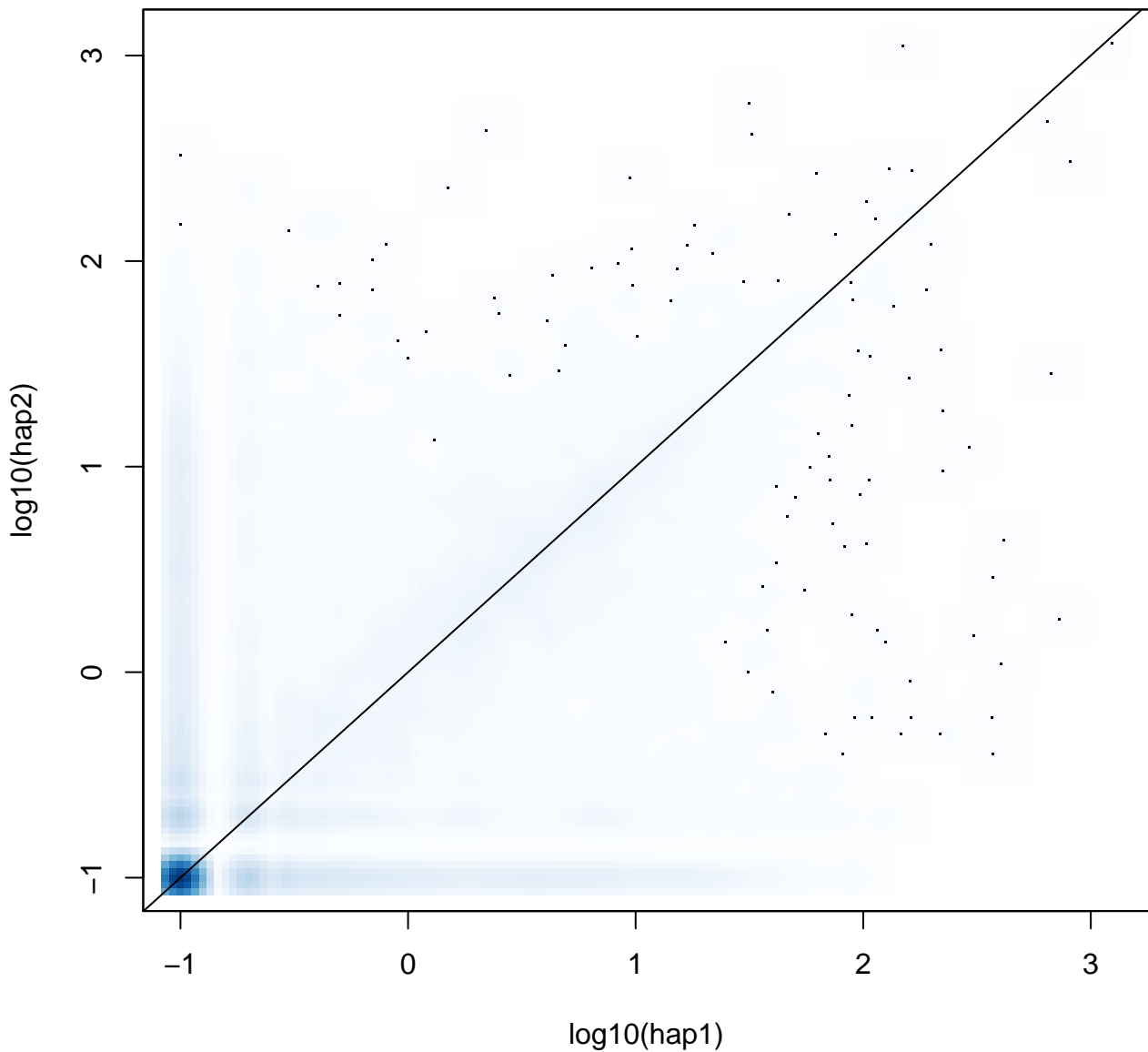
# HG00239: compare hap1 vs hap2 counts



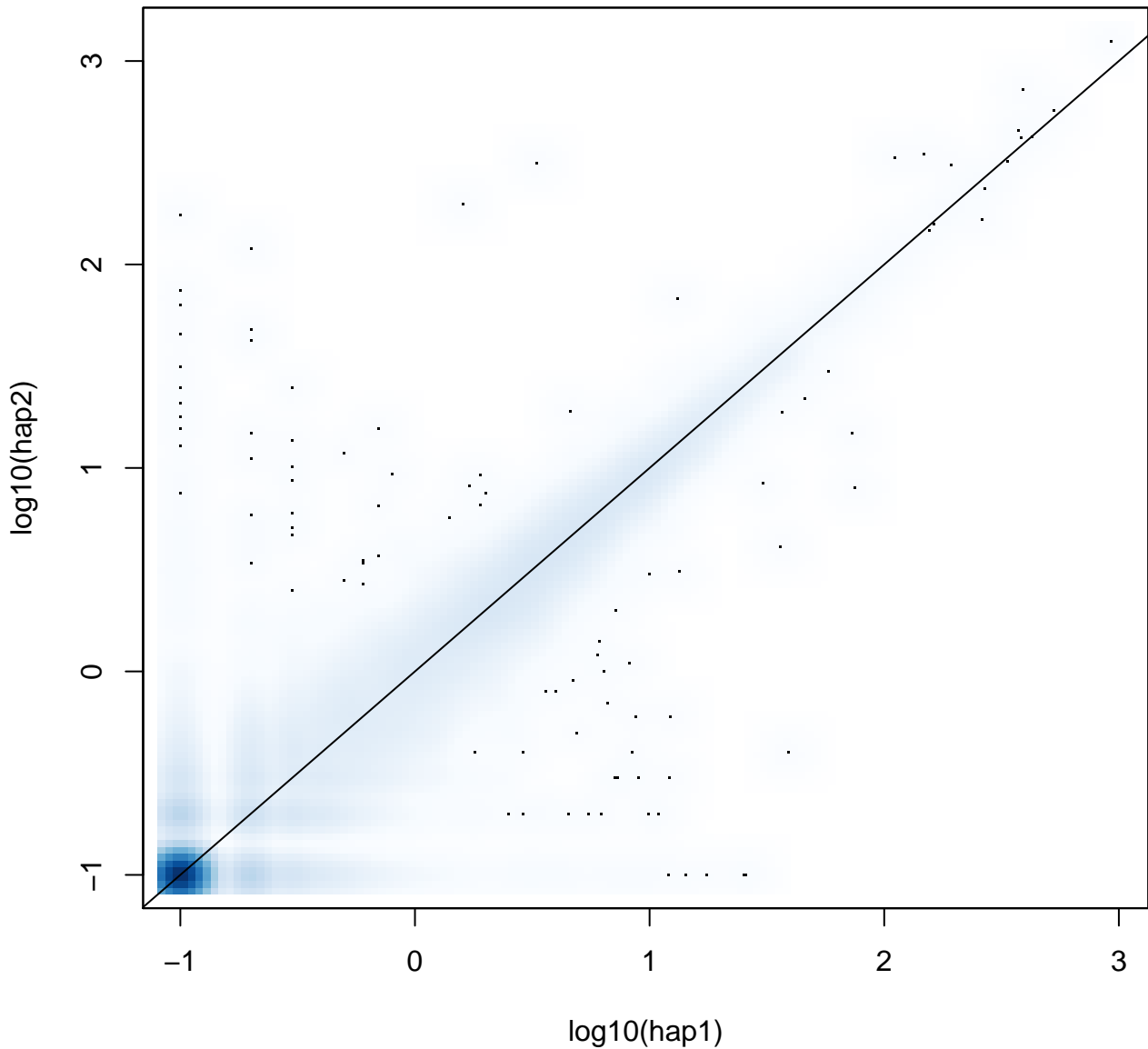
# HG00240: compare hap1 vs hap2 counts



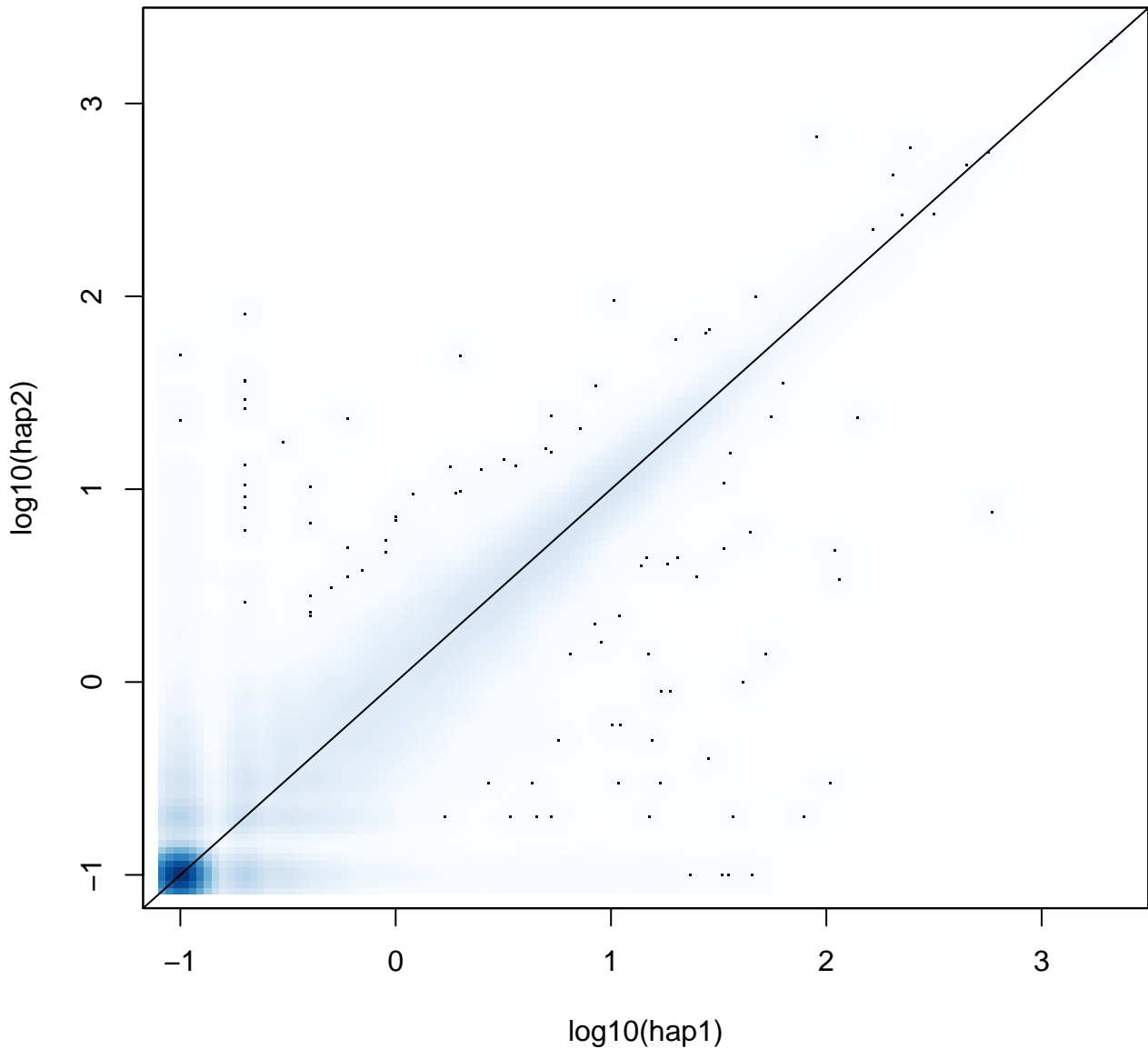
# HG00242: compare hap1 vs hap2 counts



# HG00243: compare hap1 vs hap2 counts

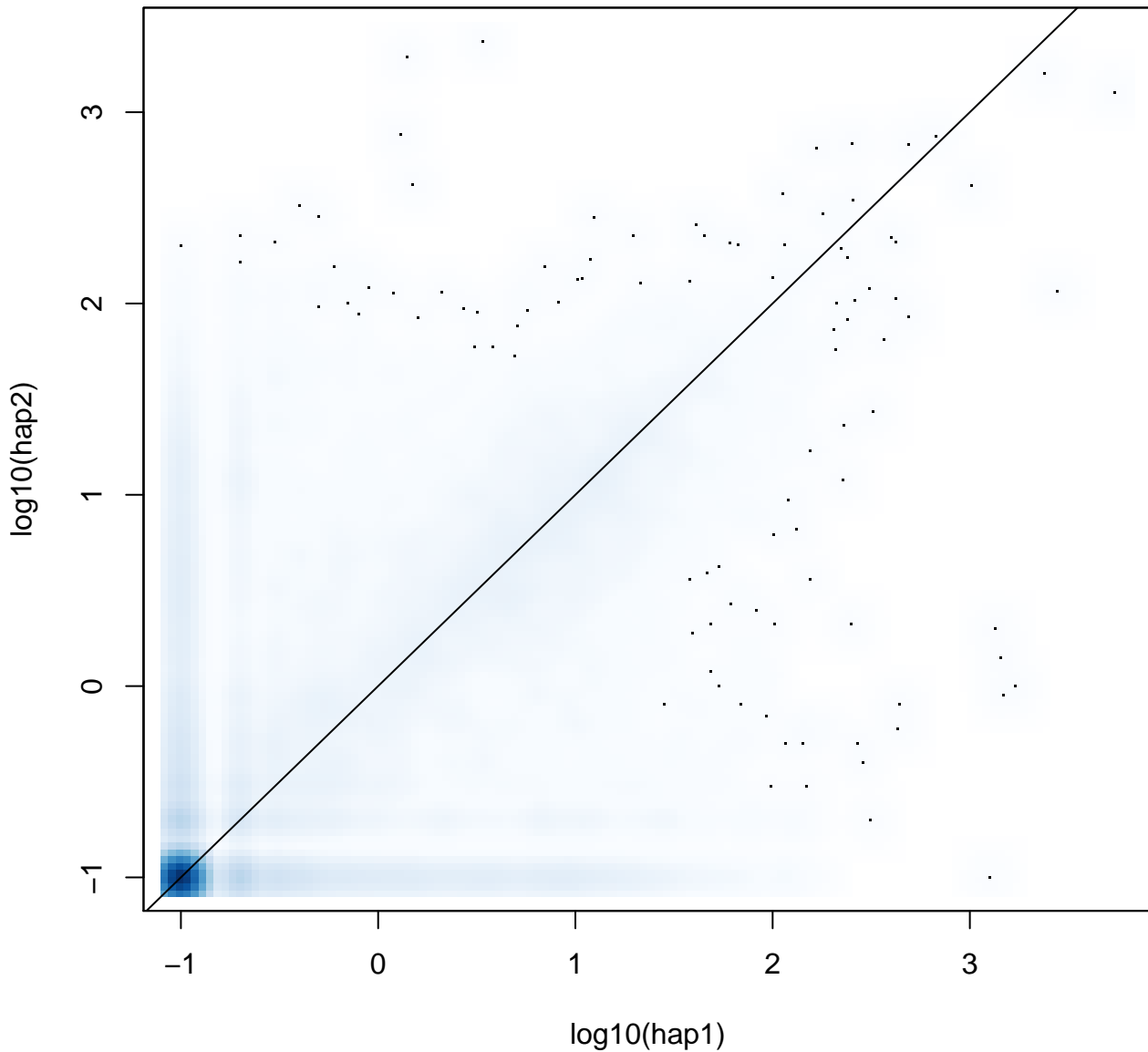


# HG00244: compare hap1 vs hap2 counts

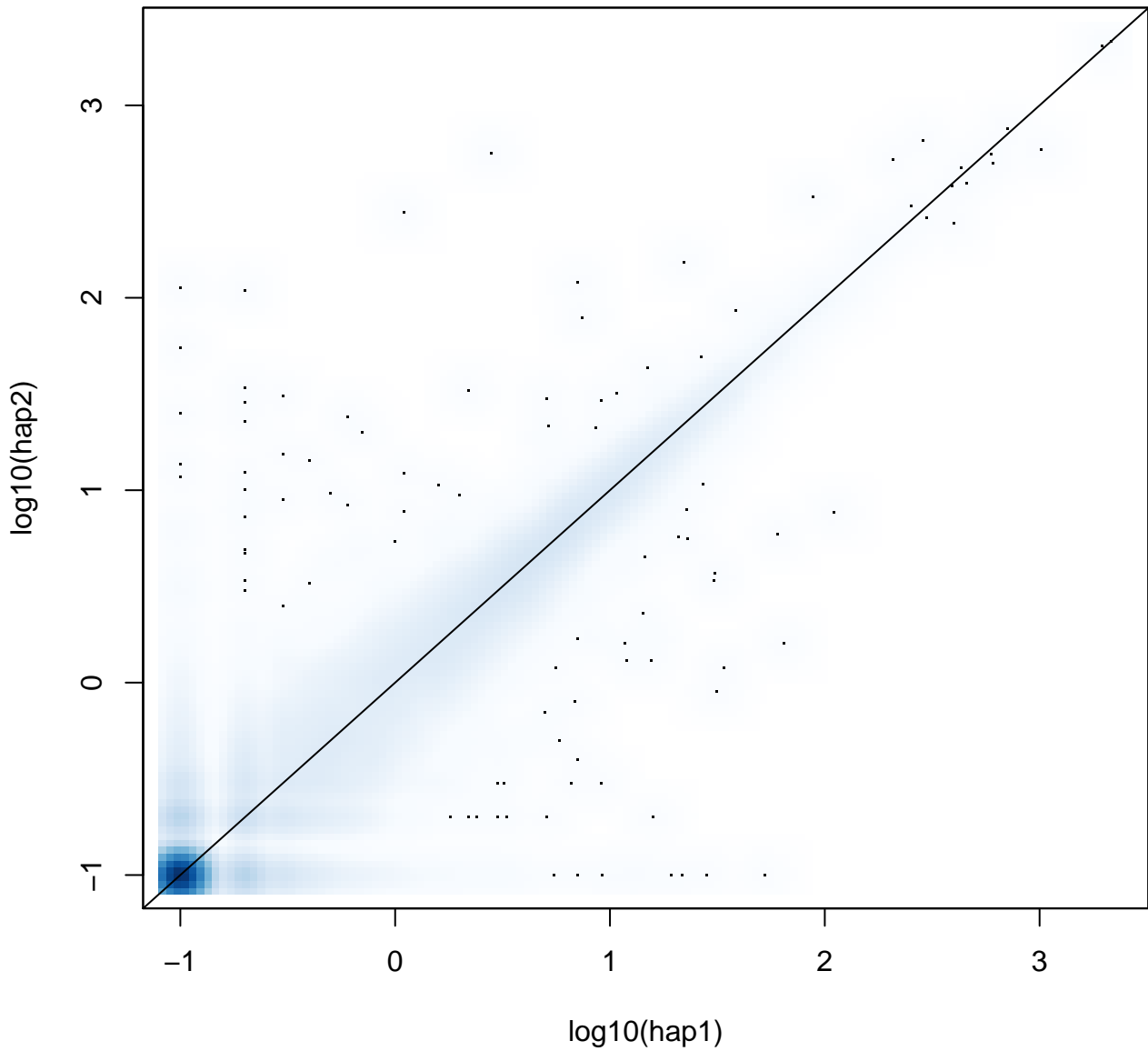




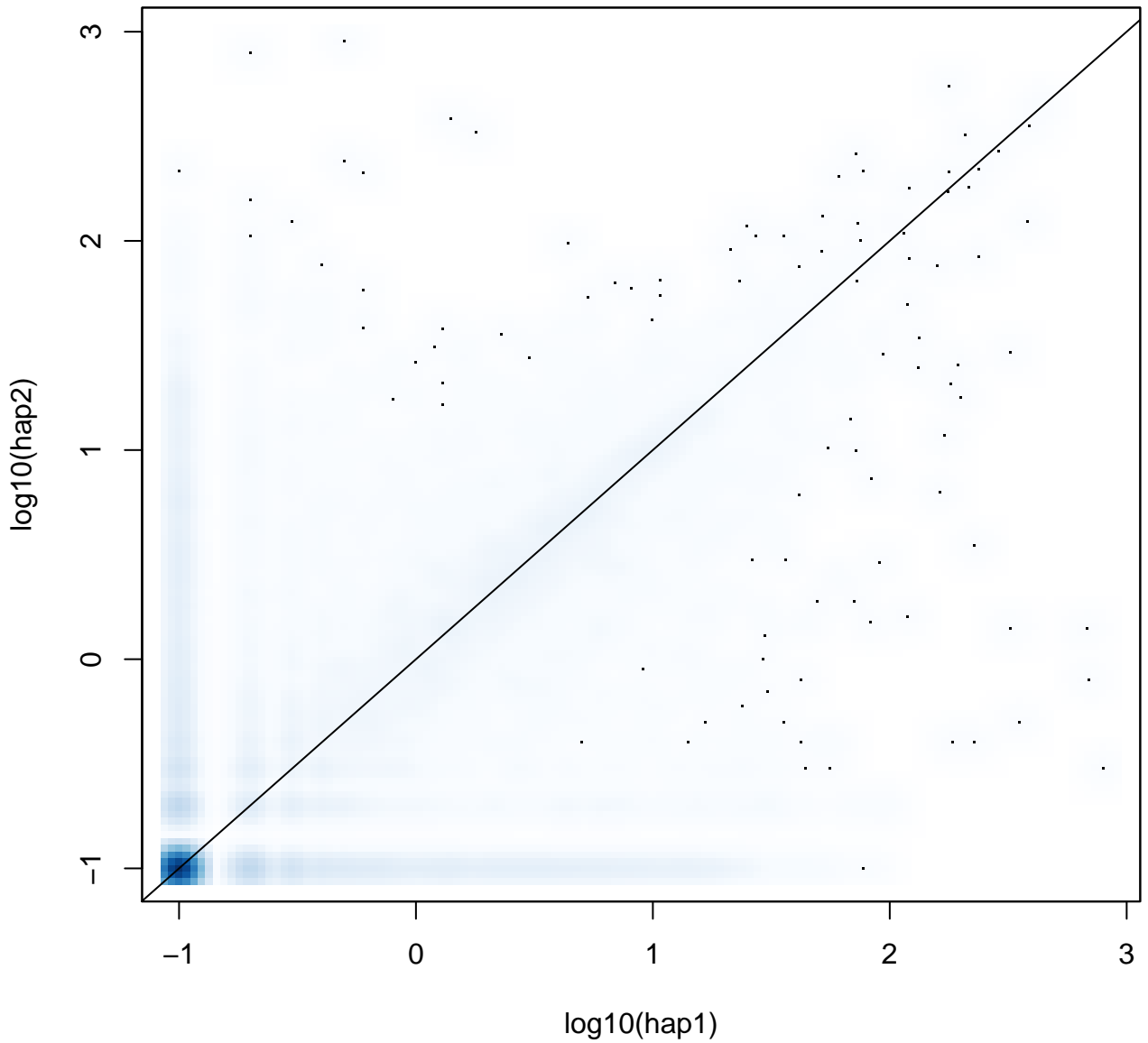
# HG00245: compare hap1 vs hap2 counts



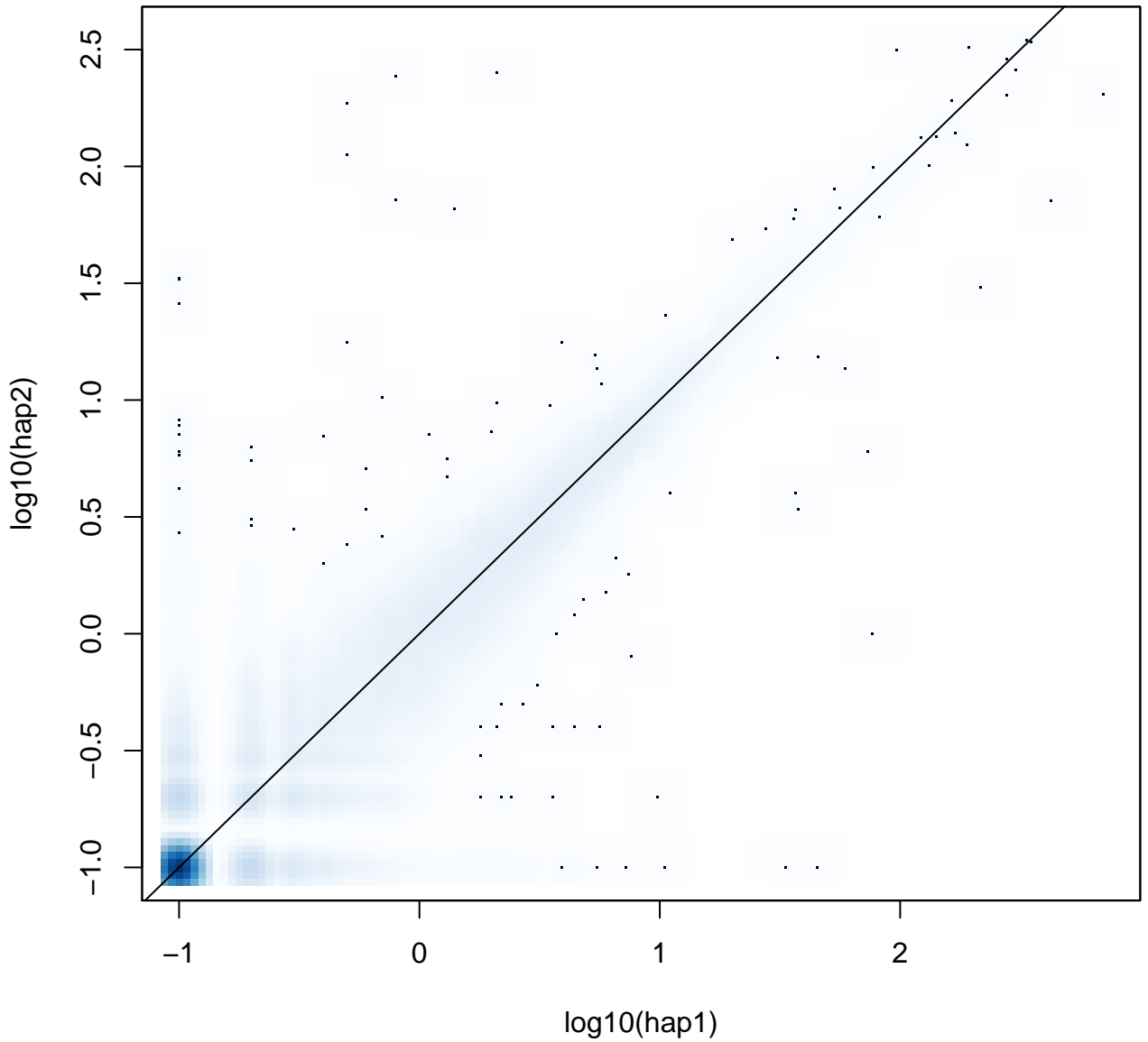
# HG00246: compare hap1 vs hap2 counts



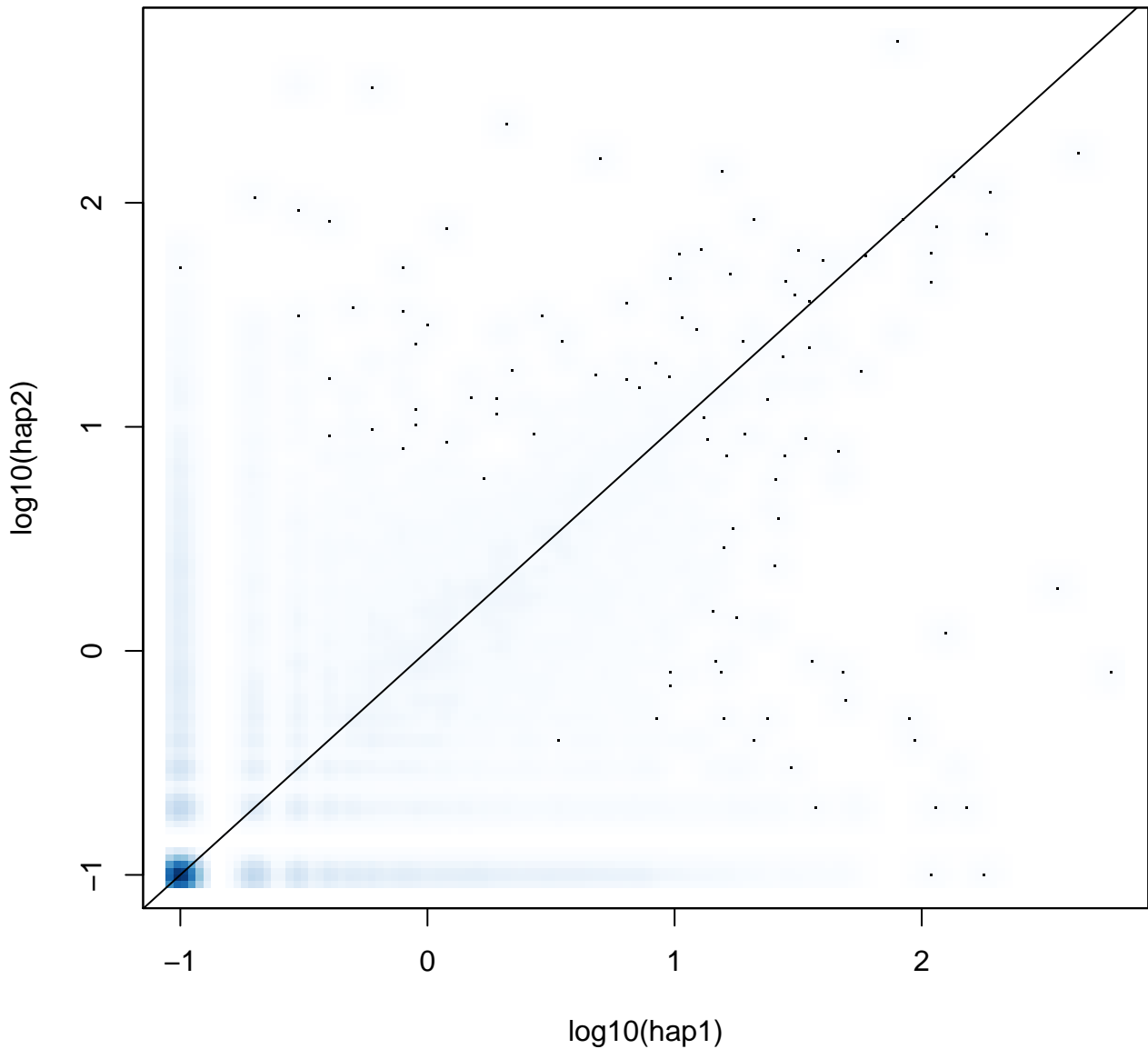
# HG00247: compare hap1 vs hap2 counts



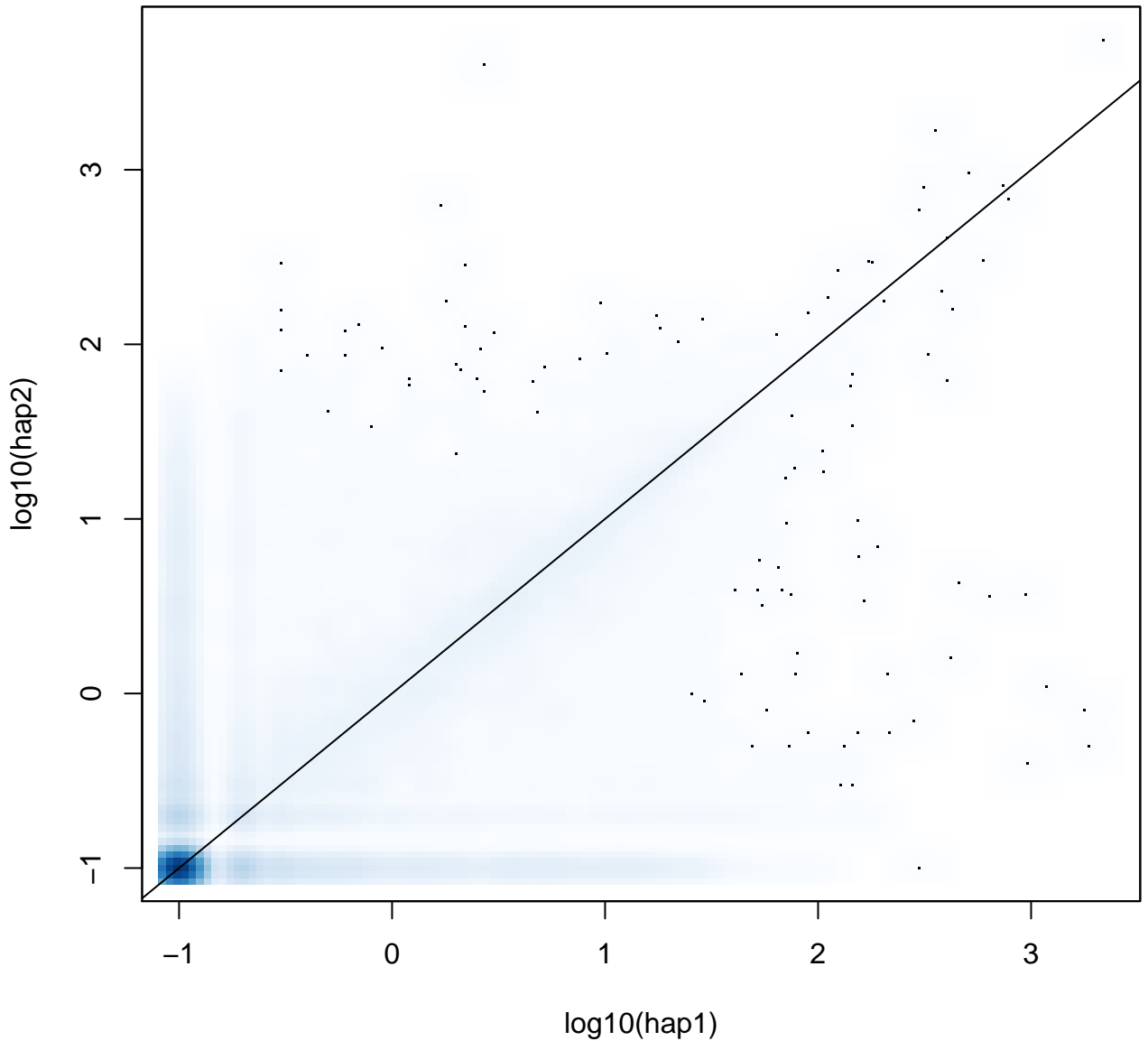
# HG00249: compare hap1 vs hap2 counts



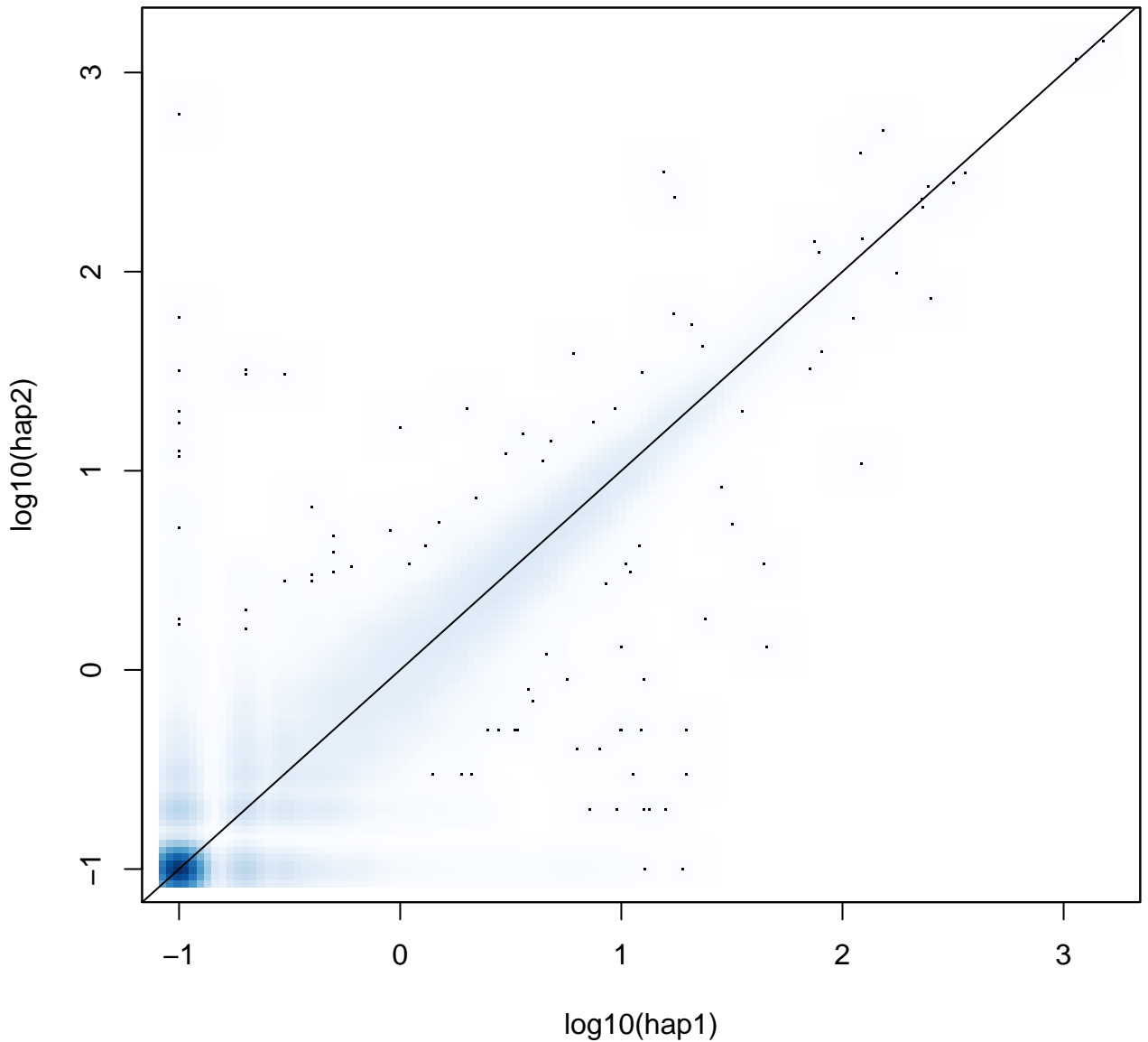
# HG00250: compare hap1 vs hap2 counts



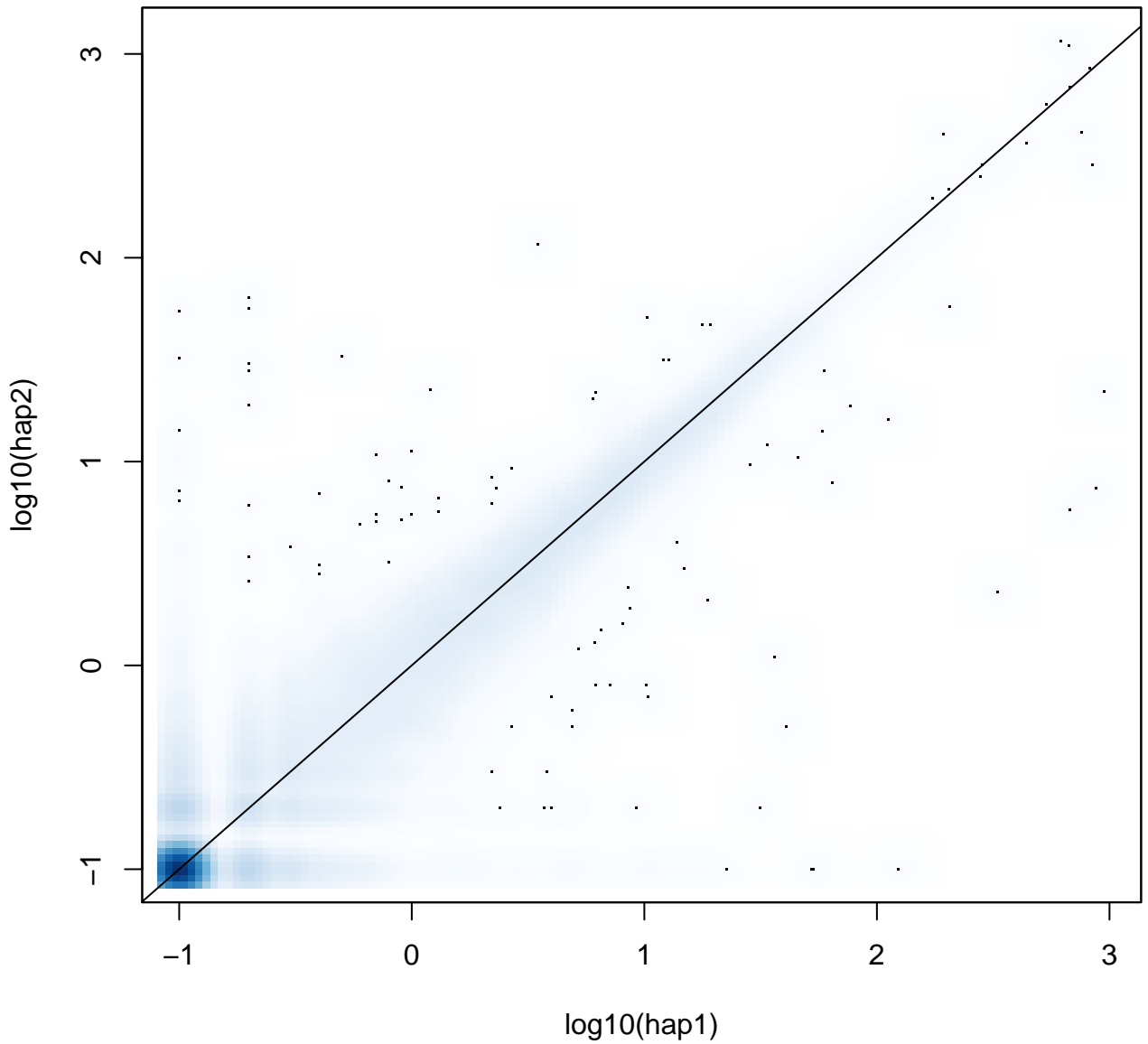
# HG00251: compare hap1 vs hap2 counts



# HG00252: compare hap1 vs hap2 counts

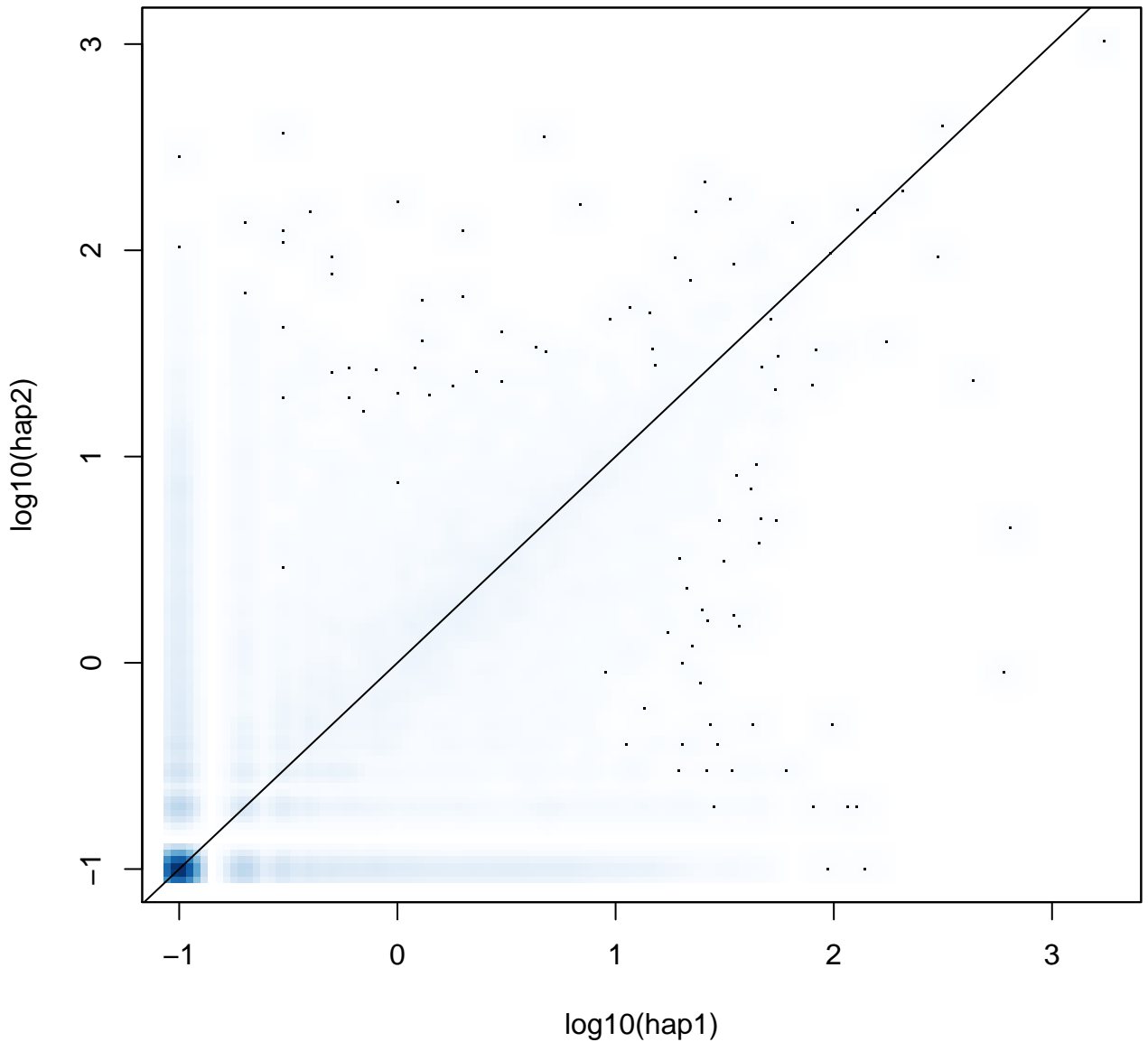


# HG00253: compare hap1 vs hap2 counts

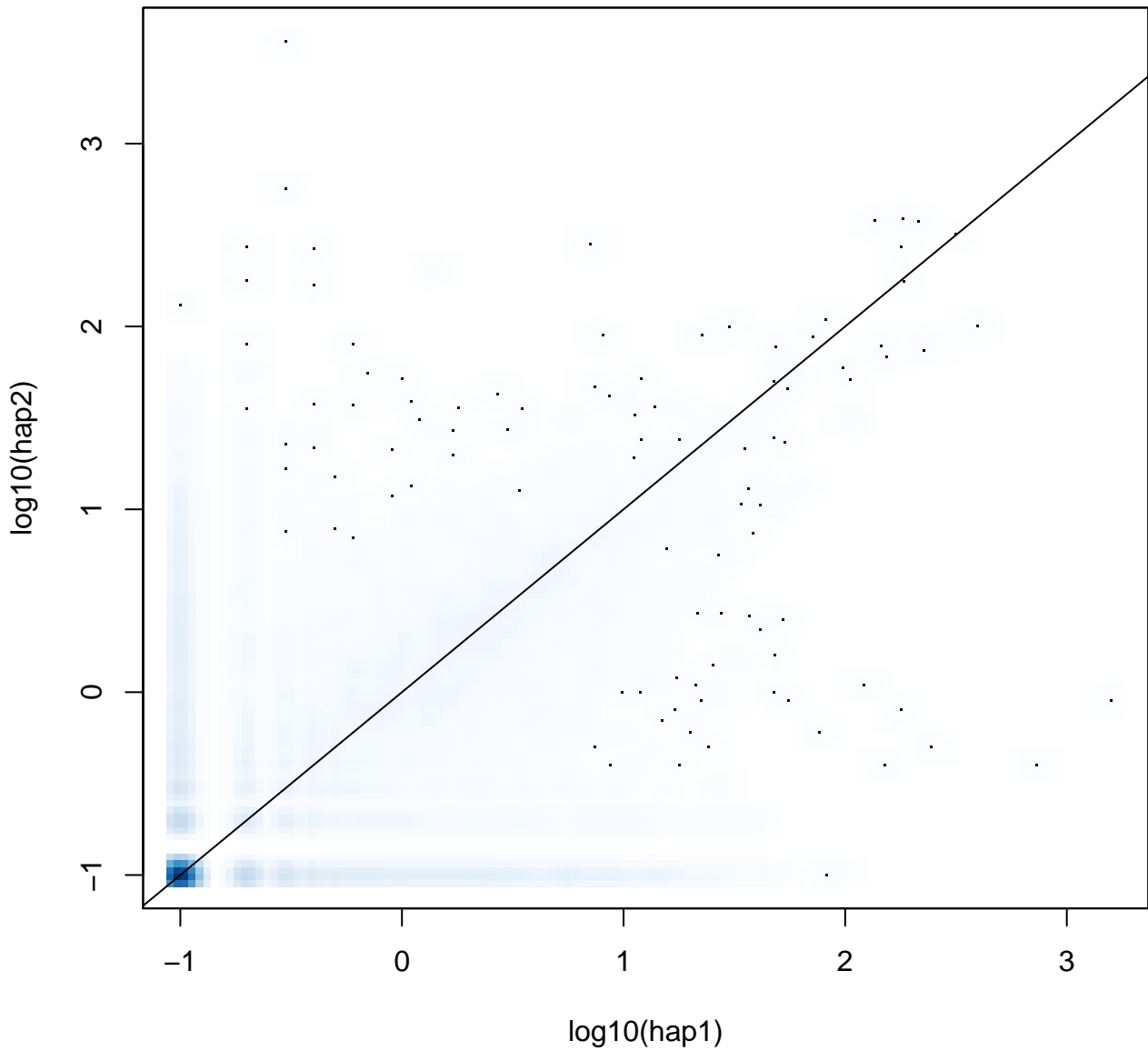




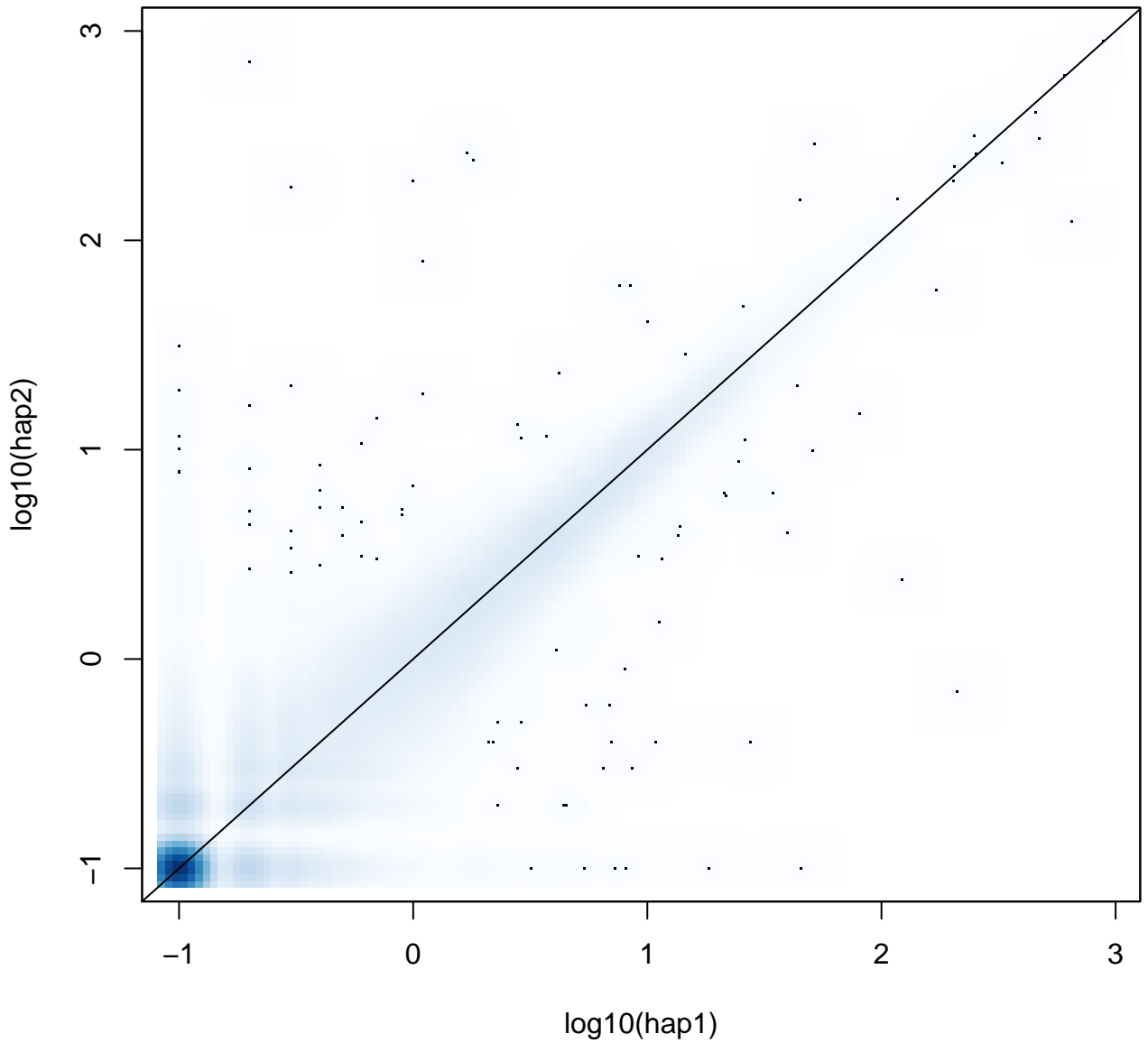
# HG00255: compare hap1 vs hap2 counts



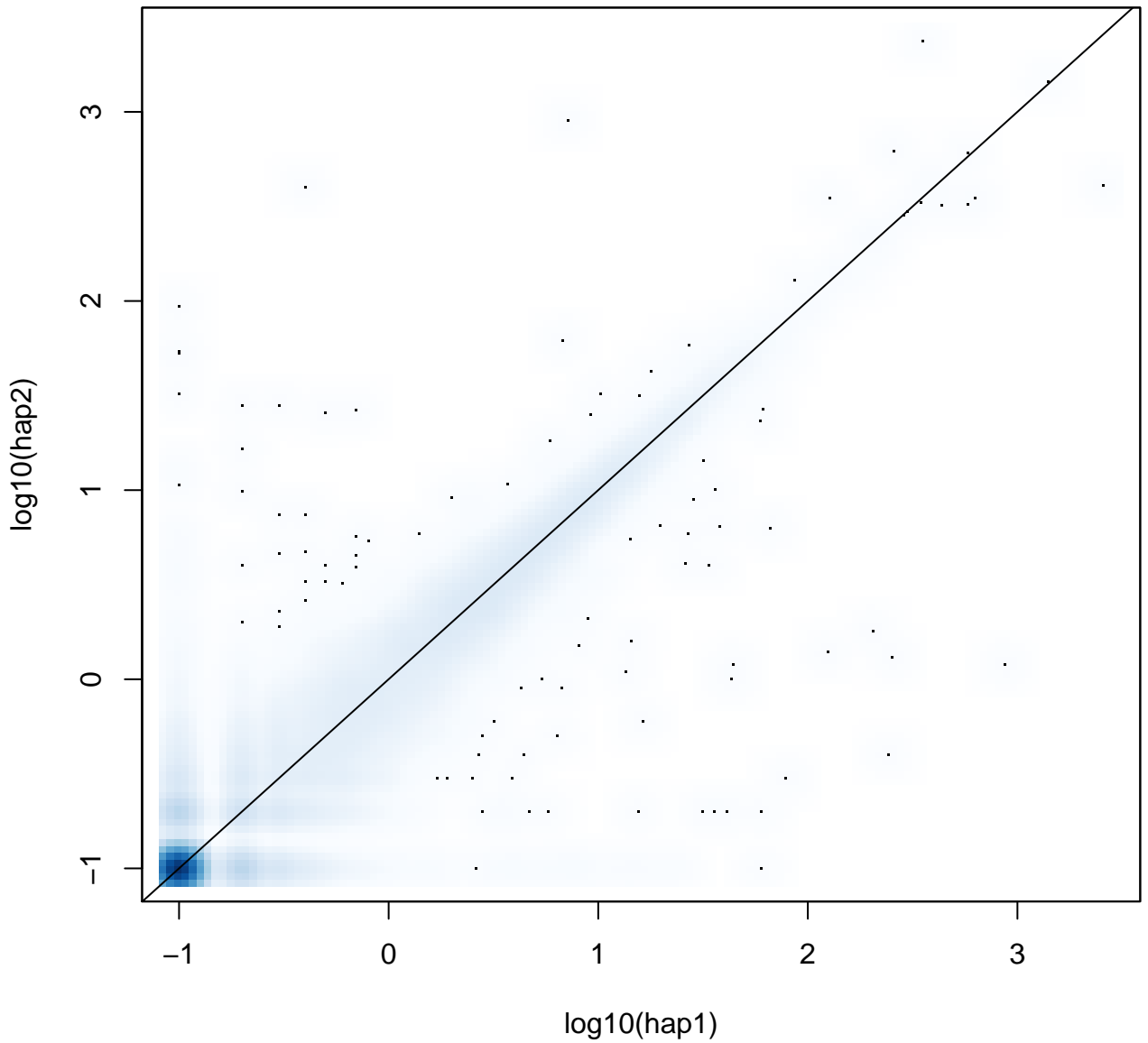
# HG00256: compare hap1 vs hap2 counts



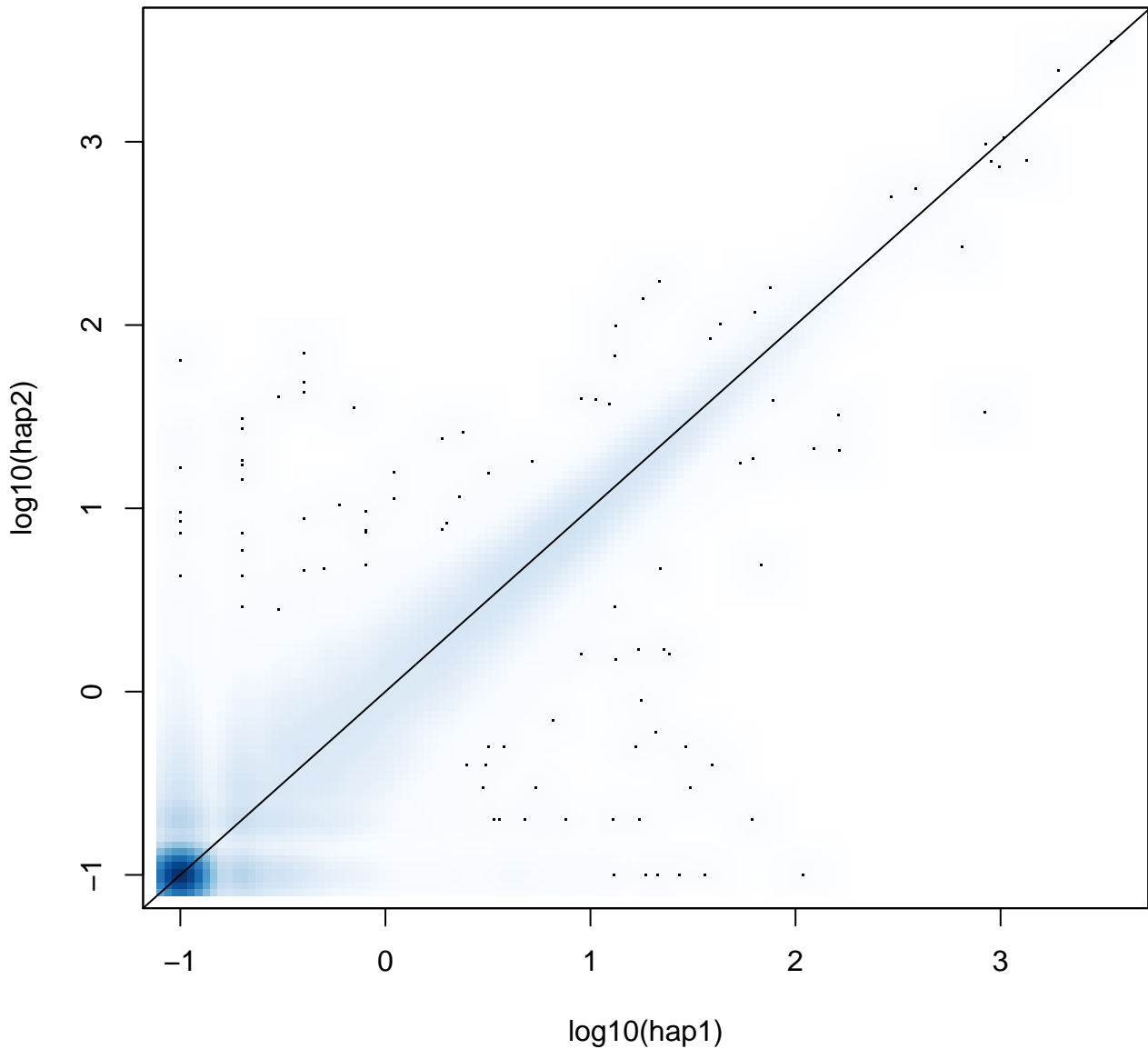
# HG00257: compare hap1 vs hap2 counts



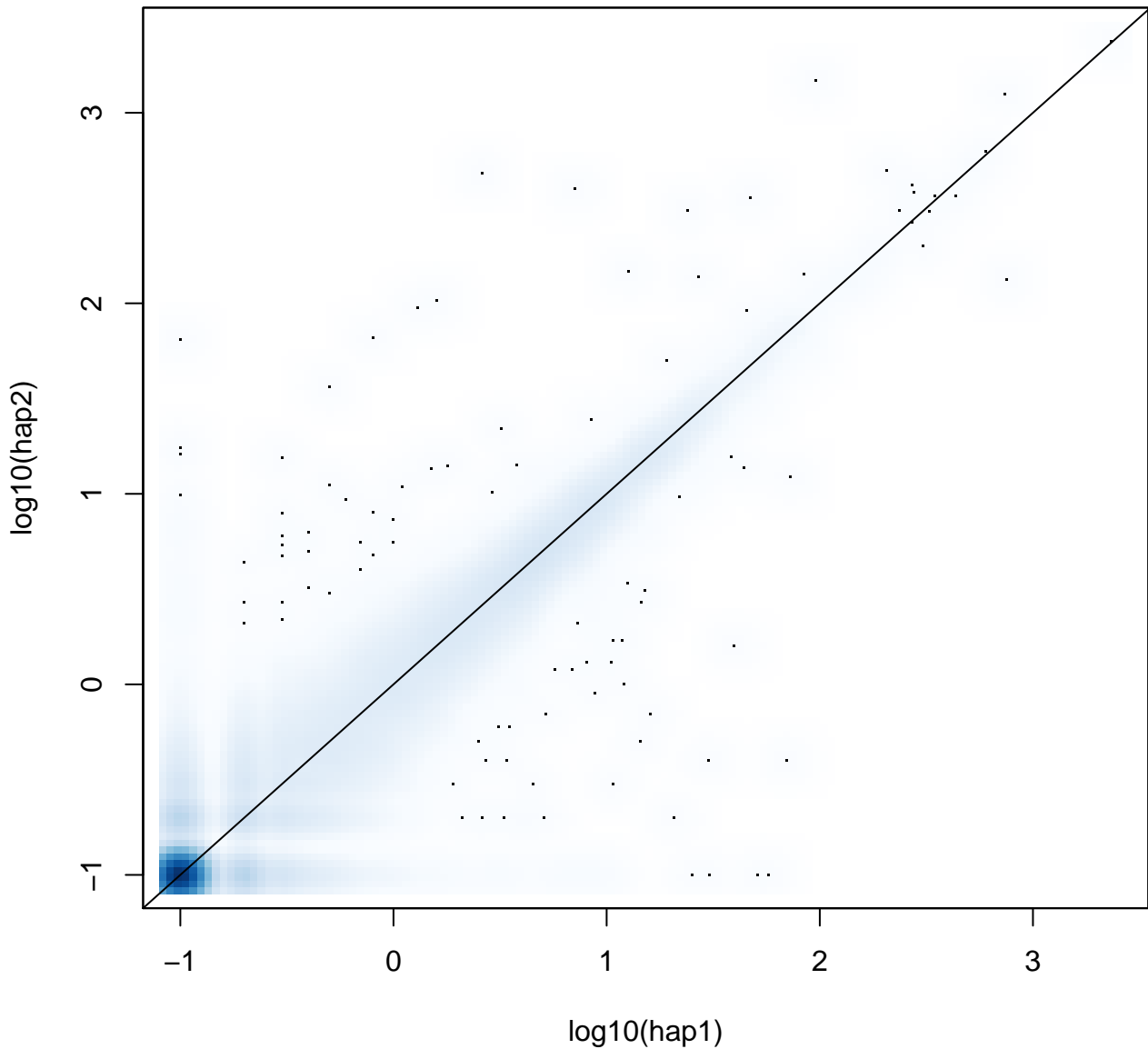
# HG00258: compare hap1 vs hap2 counts



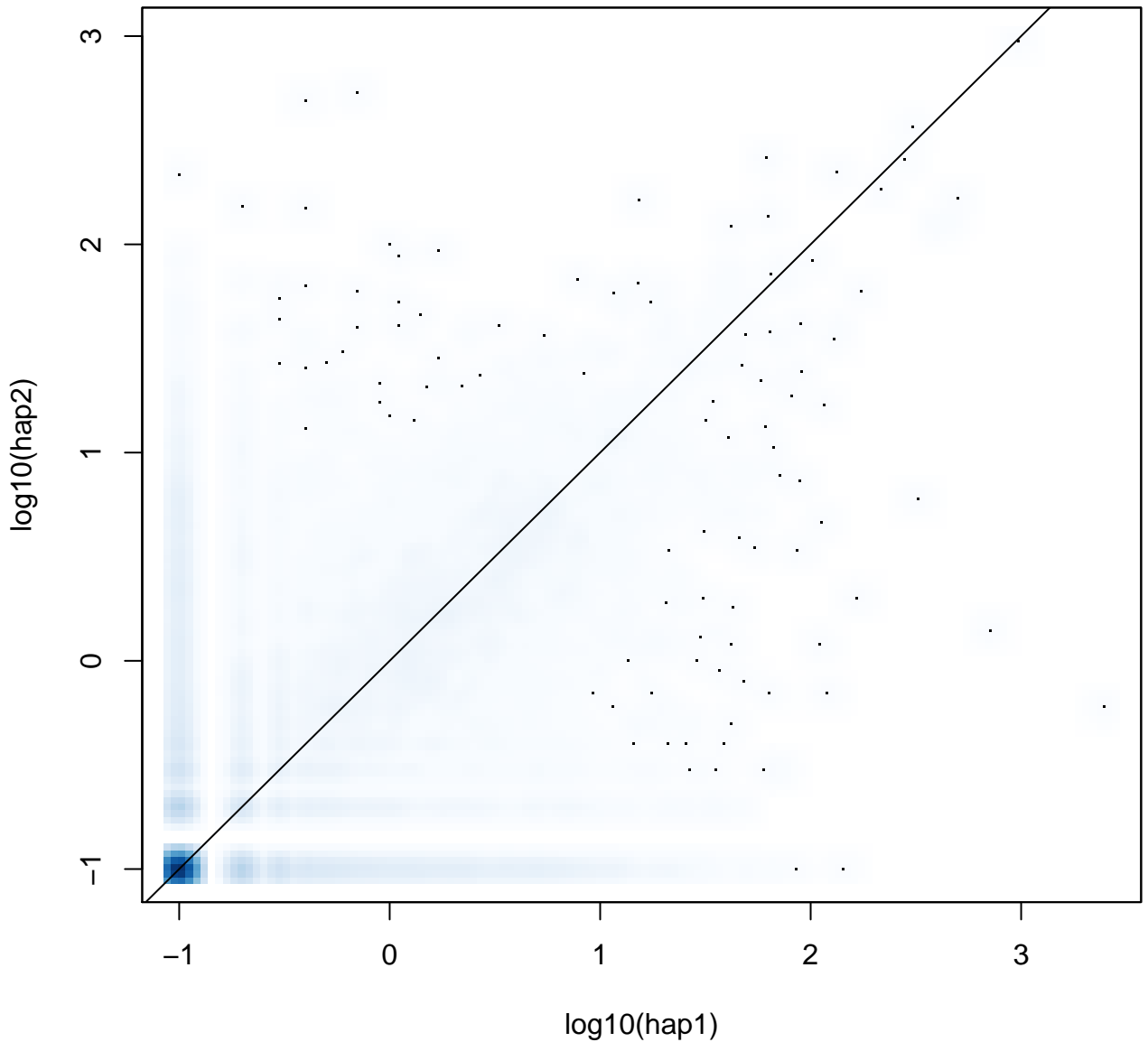
# HG00259: compare hap1 vs hap2 counts



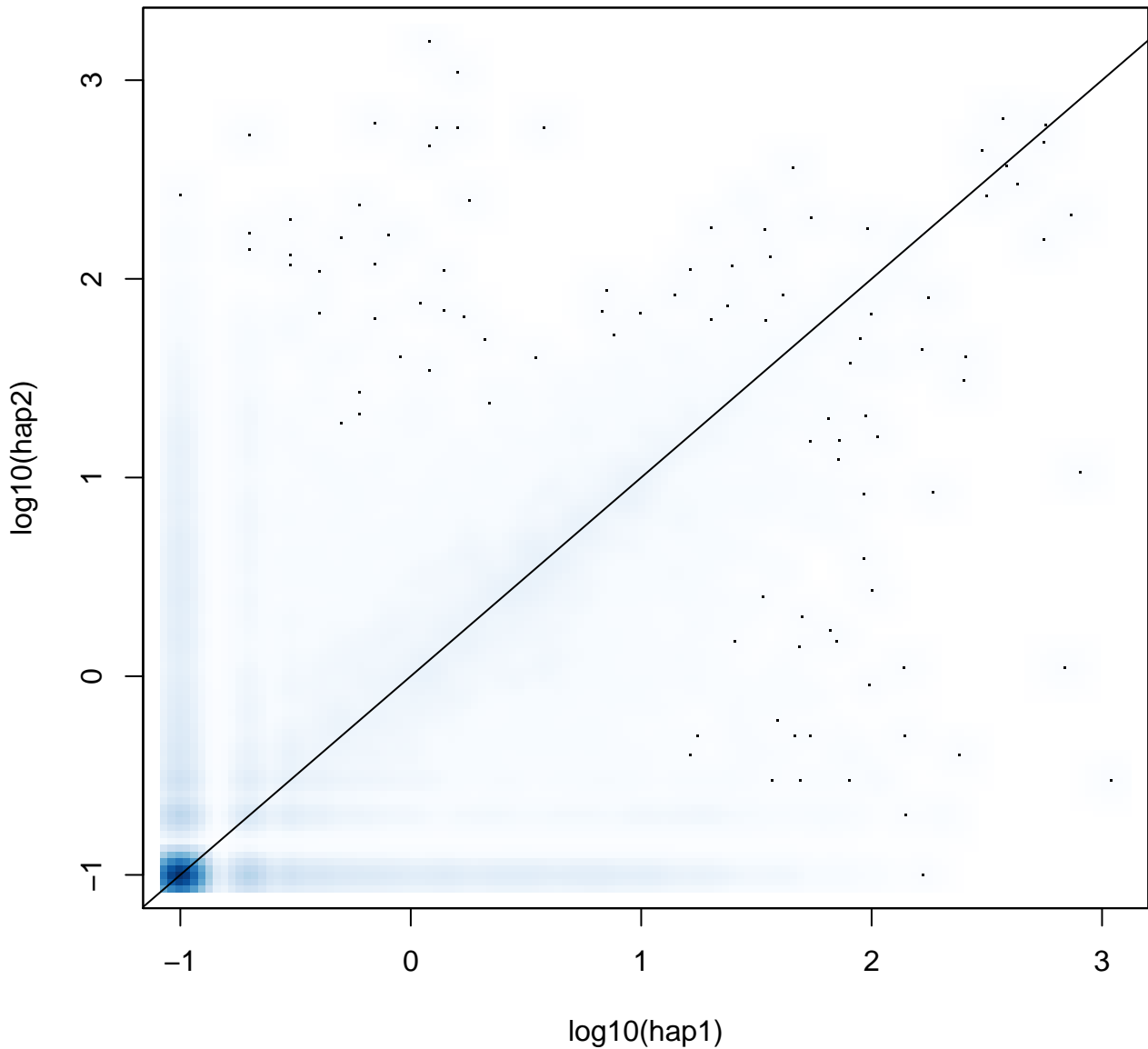
# HG00260: compare hap1 vs hap2 counts



# HG00261: compare hap1 vs hap2 counts

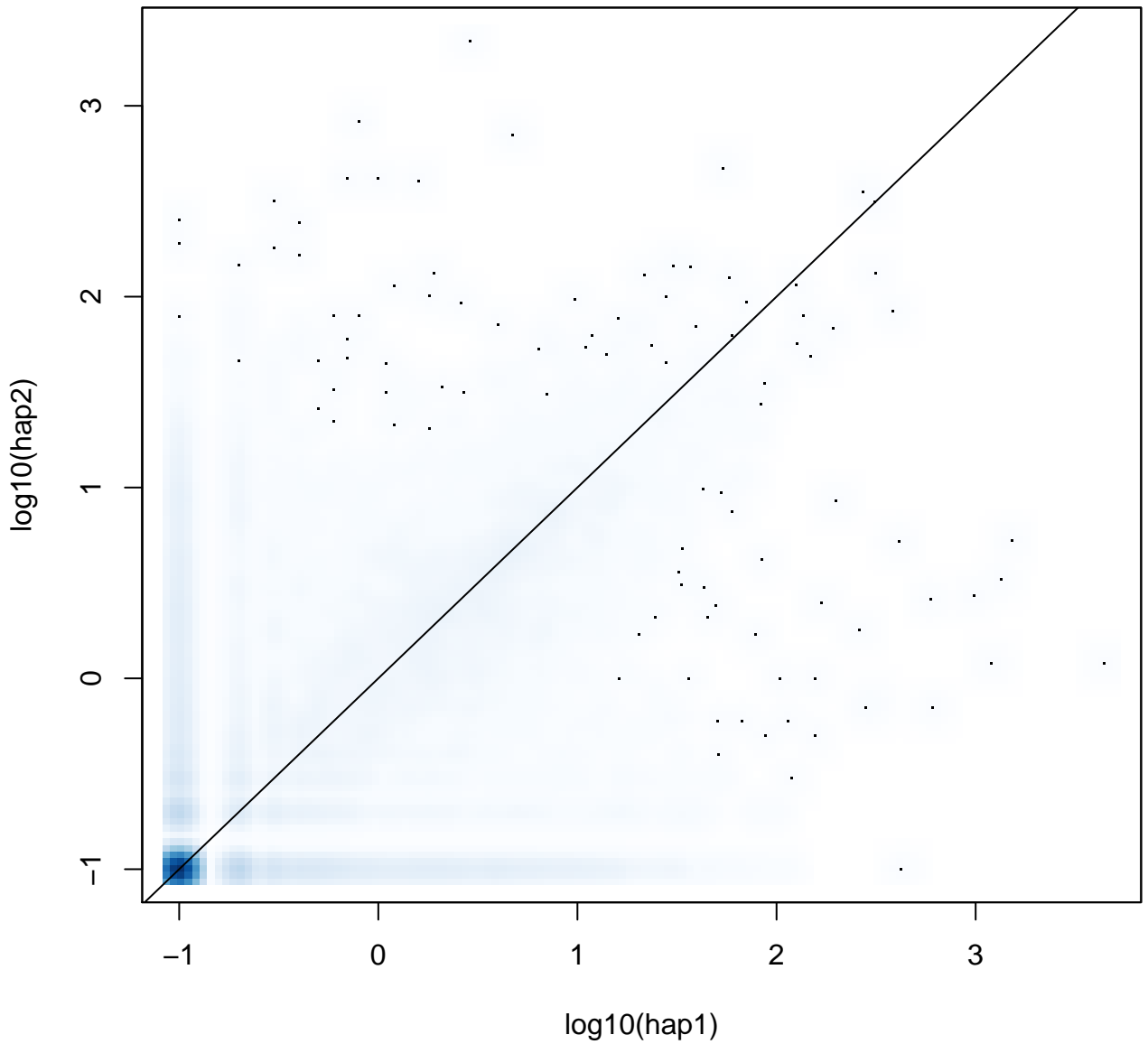


# HG00262: compare hap1 vs hap2 counts

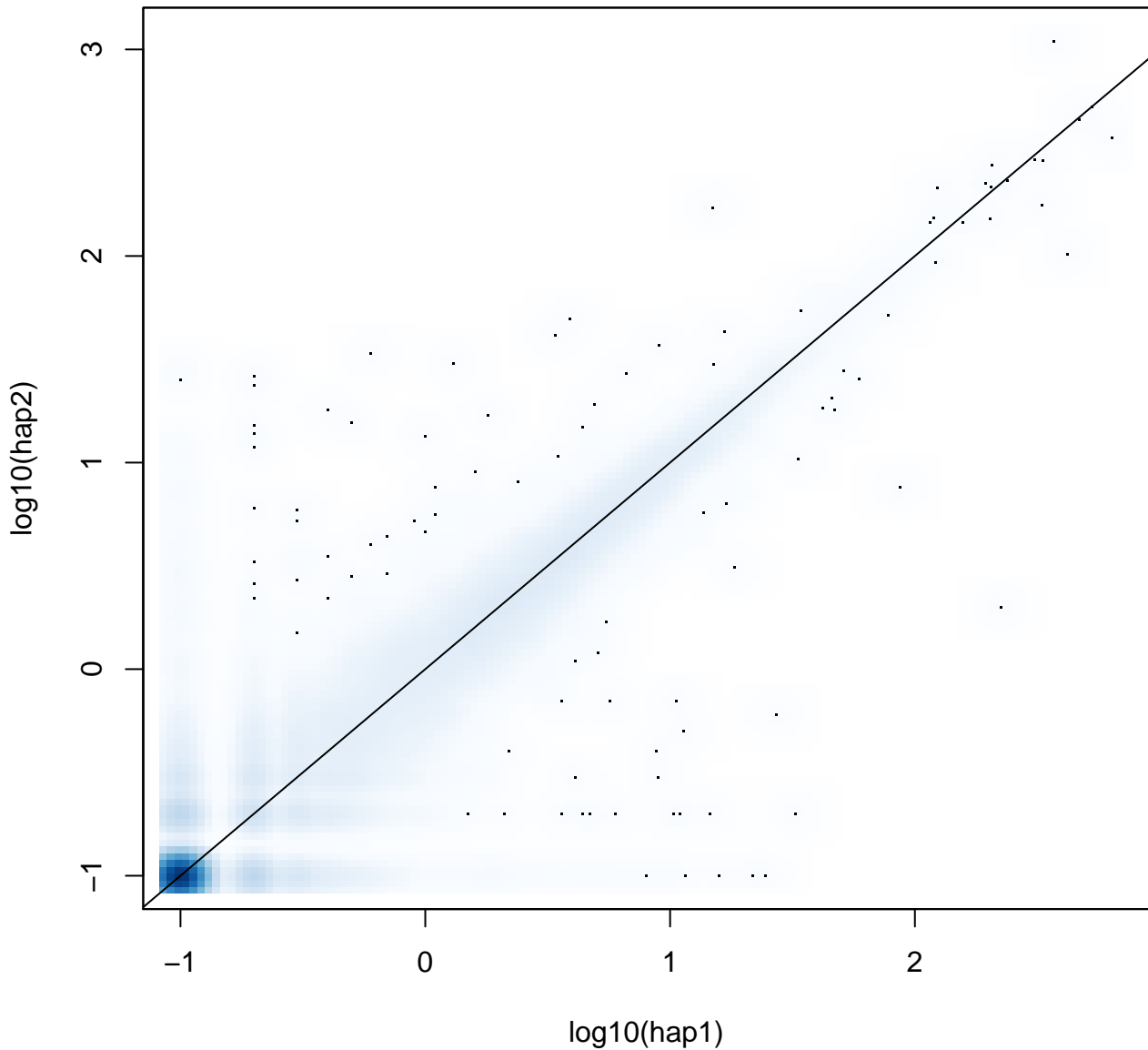




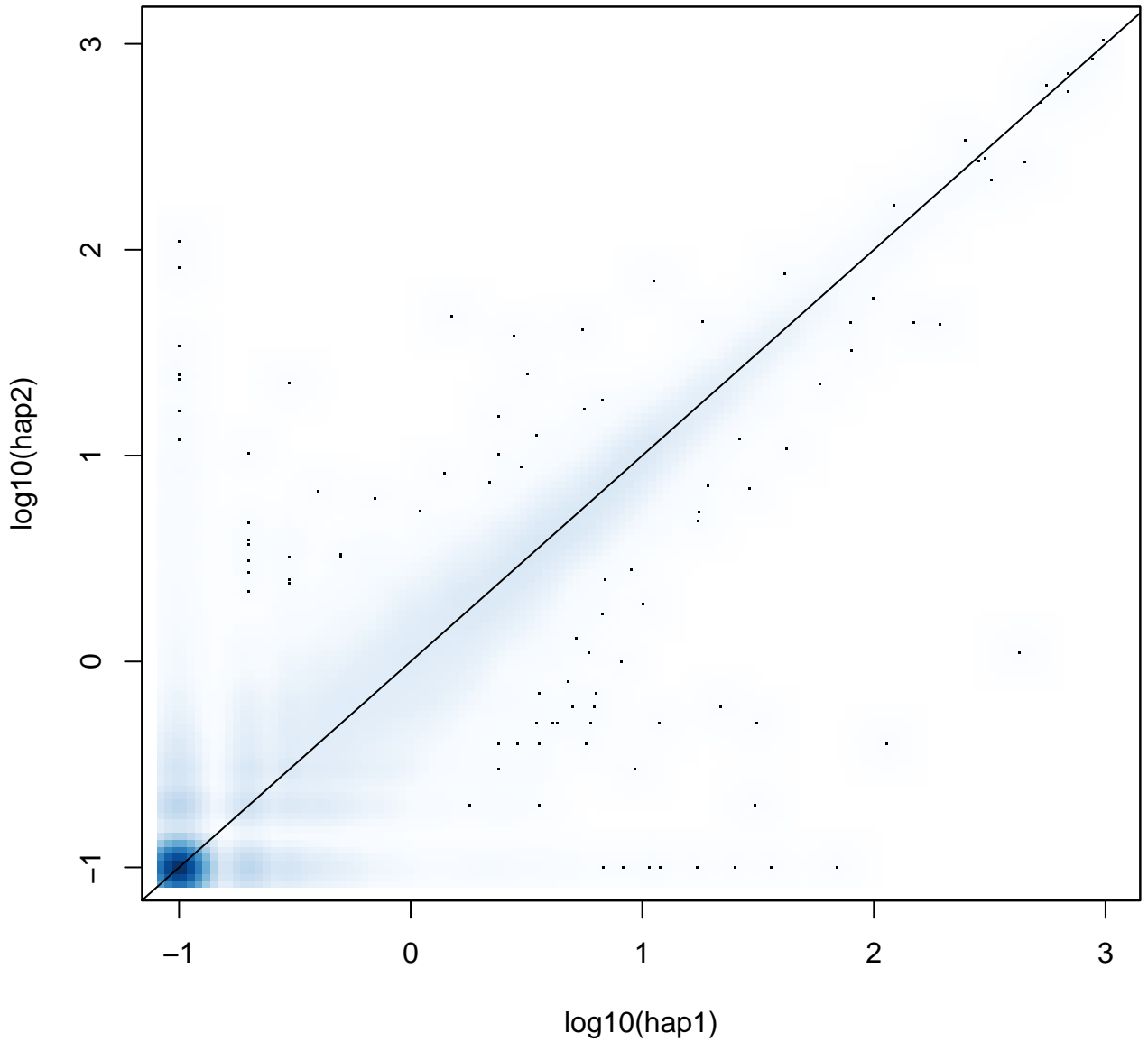
# HG00263: compare hap1 vs hap2 counts



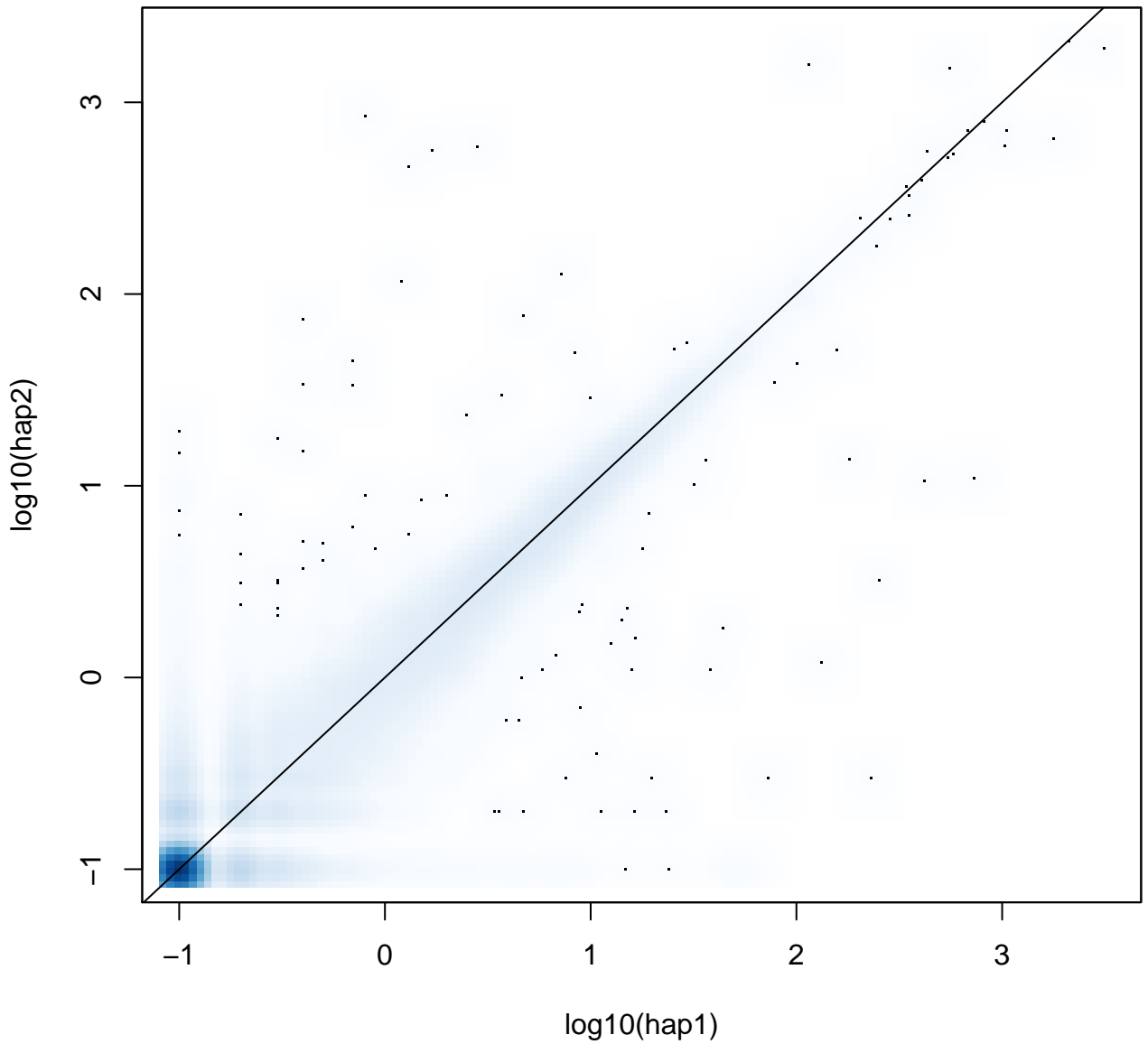
# HG00264: compare hap1 vs hap2 counts



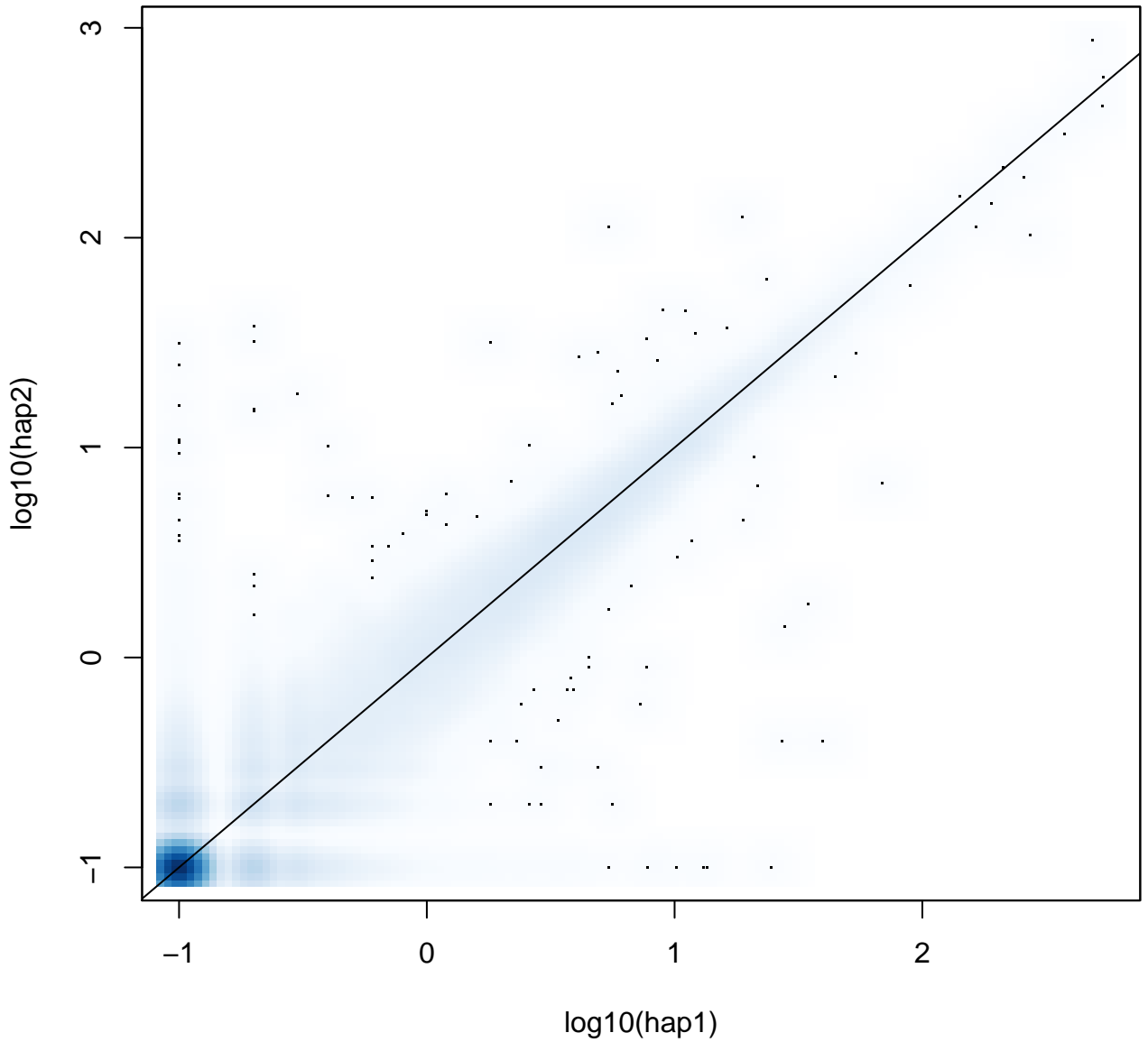
# HG00265: compare hap1 vs hap2 counts



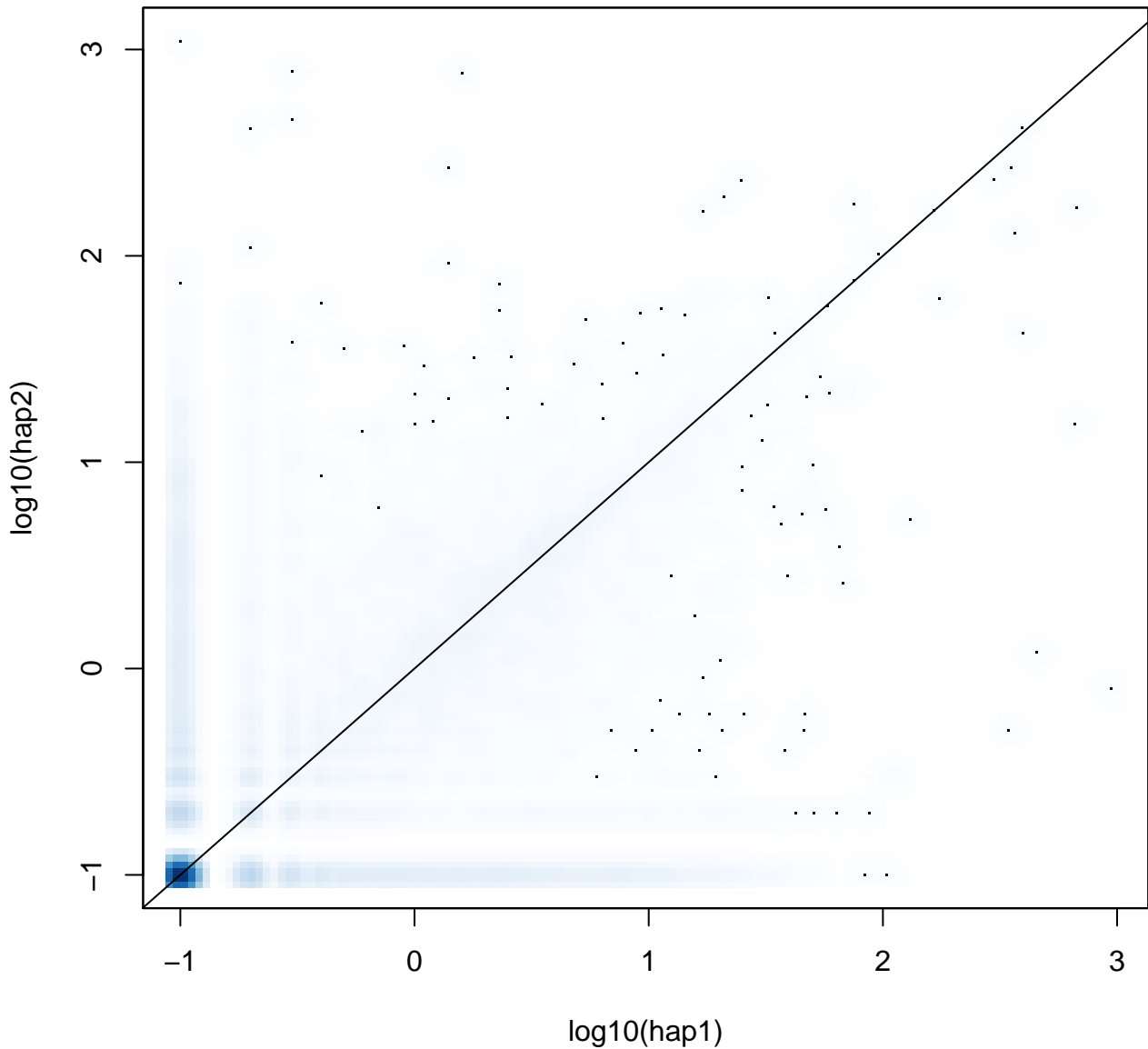
# HG00266: compare hap1 vs hap2 counts



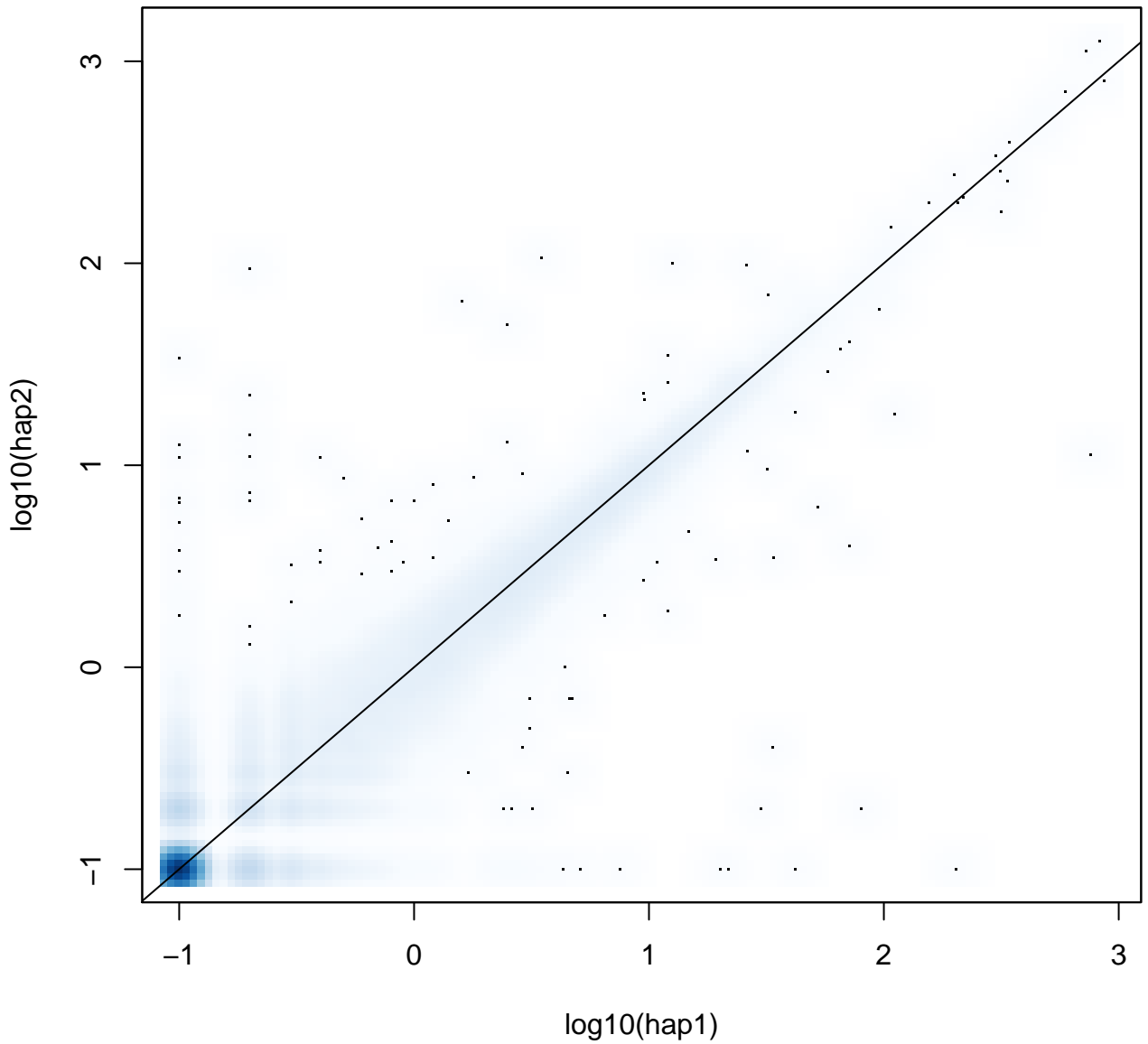
# HG00267: compare hap1 vs hap2 counts



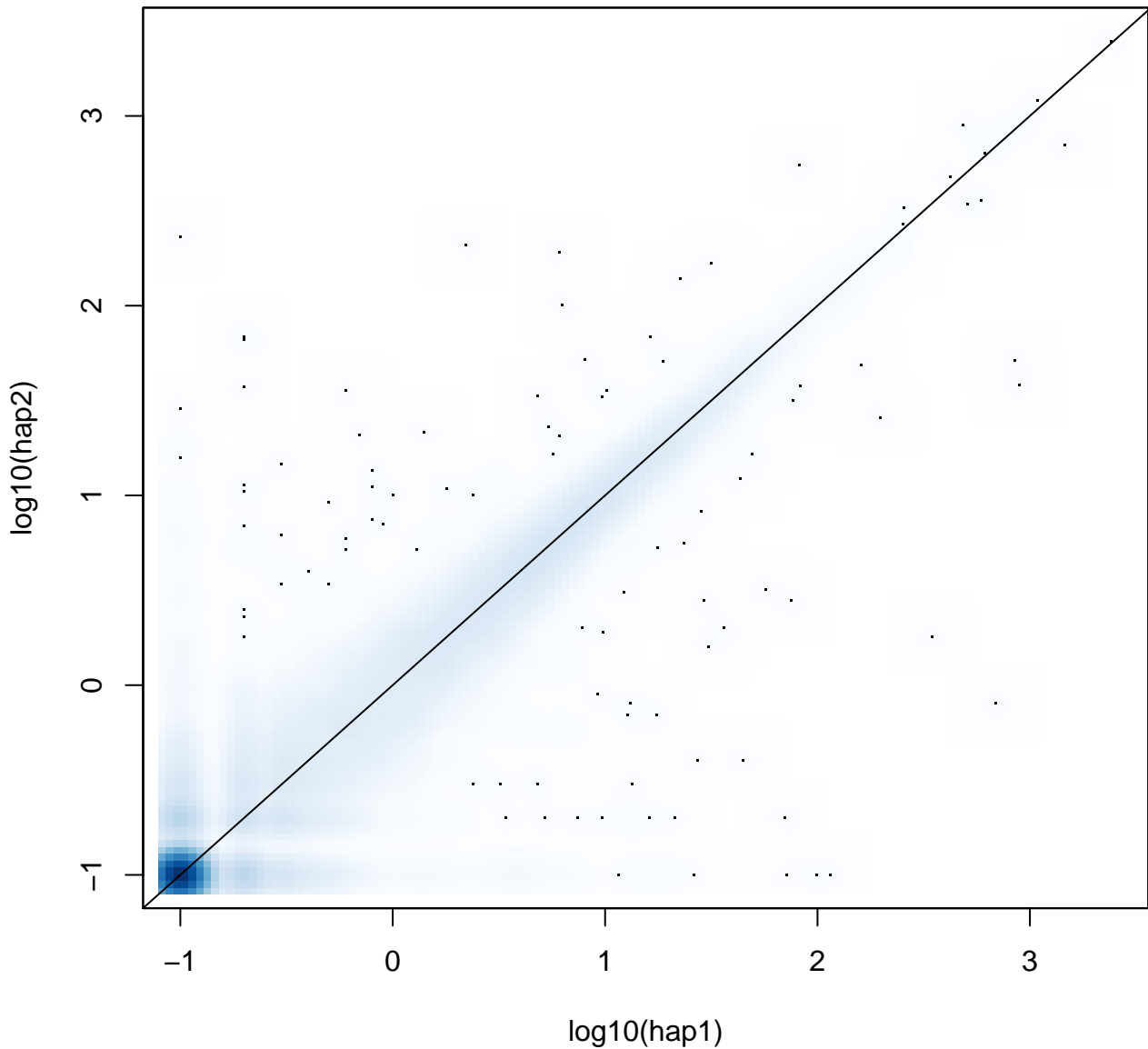
# HG00268: compare hap1 vs hap2 counts



# HG00269: compare hap1 vs hap2 counts

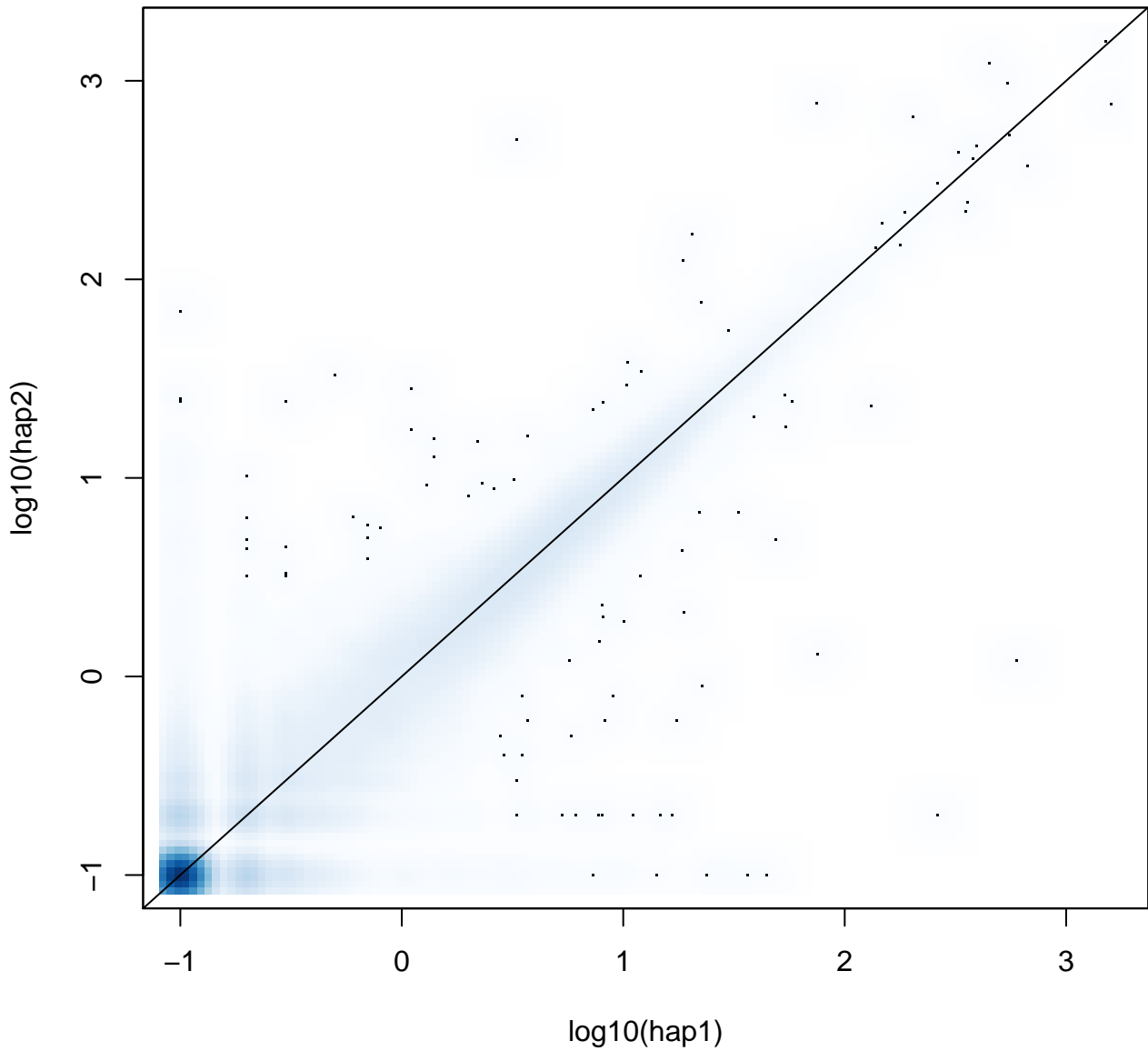


# HG00271: compare hap1 vs hap2 counts

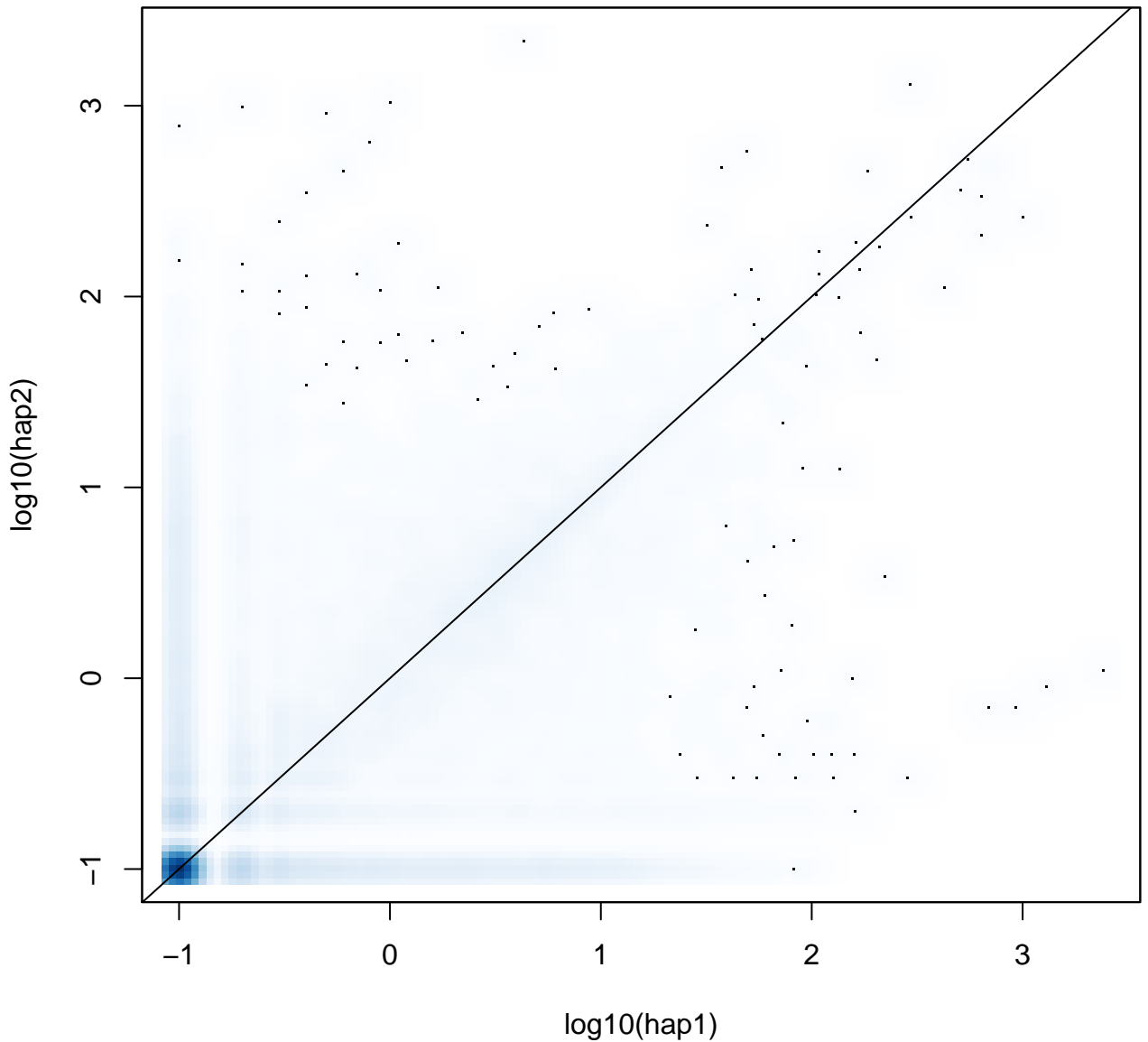




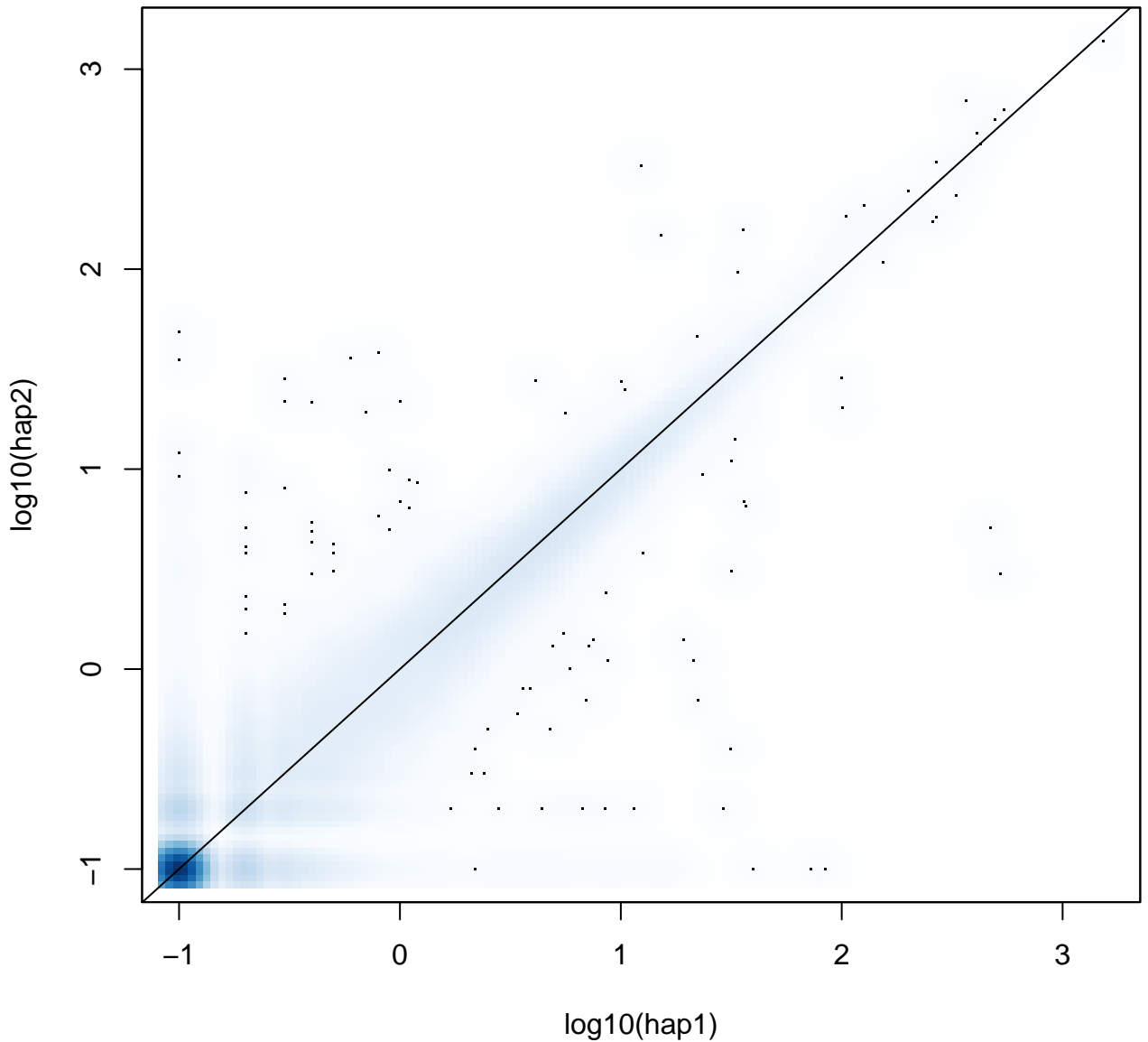
# HG00272: compare hap1 vs hap2 counts



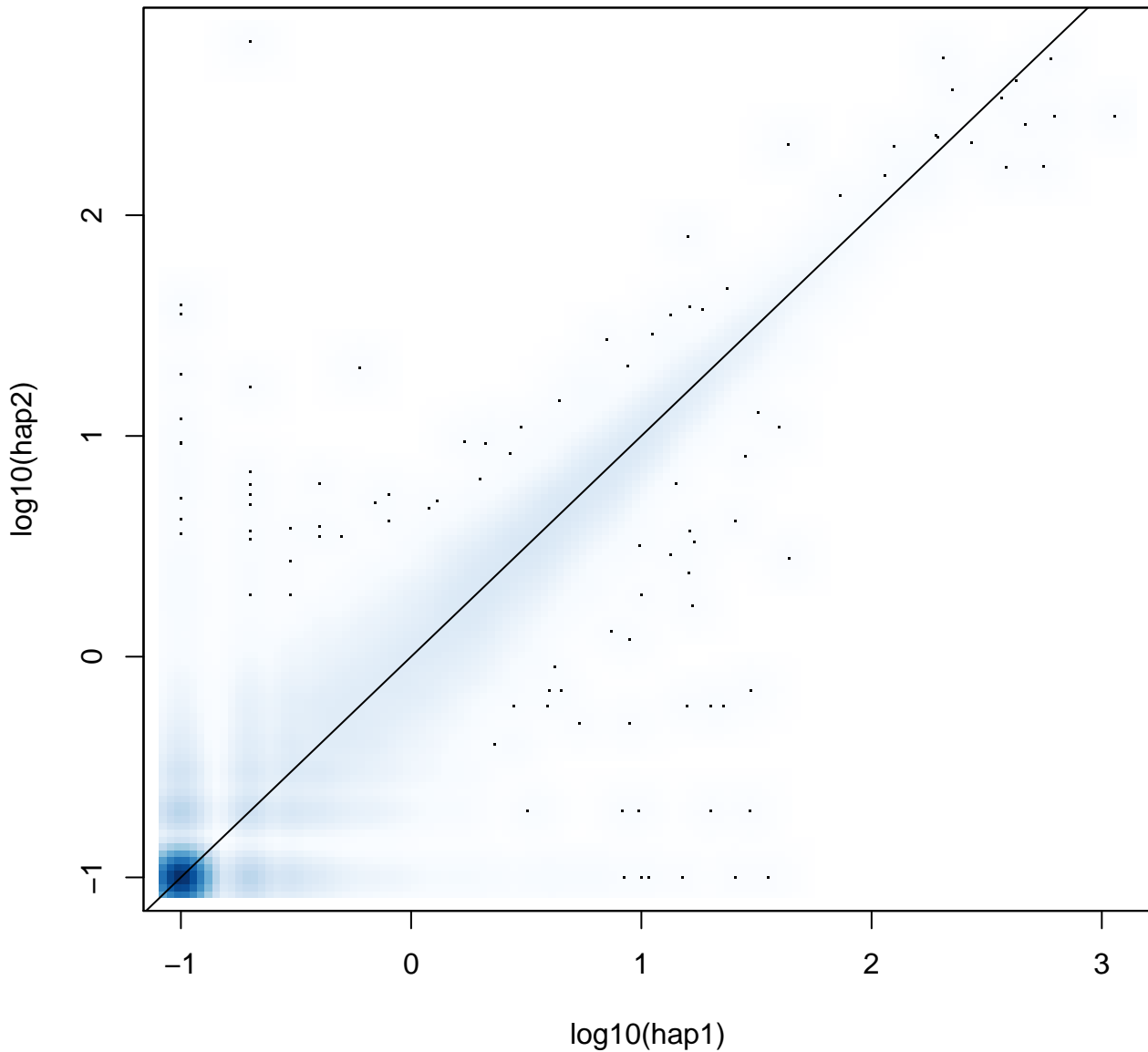
# HG00273: compare hap1 vs hap2 counts



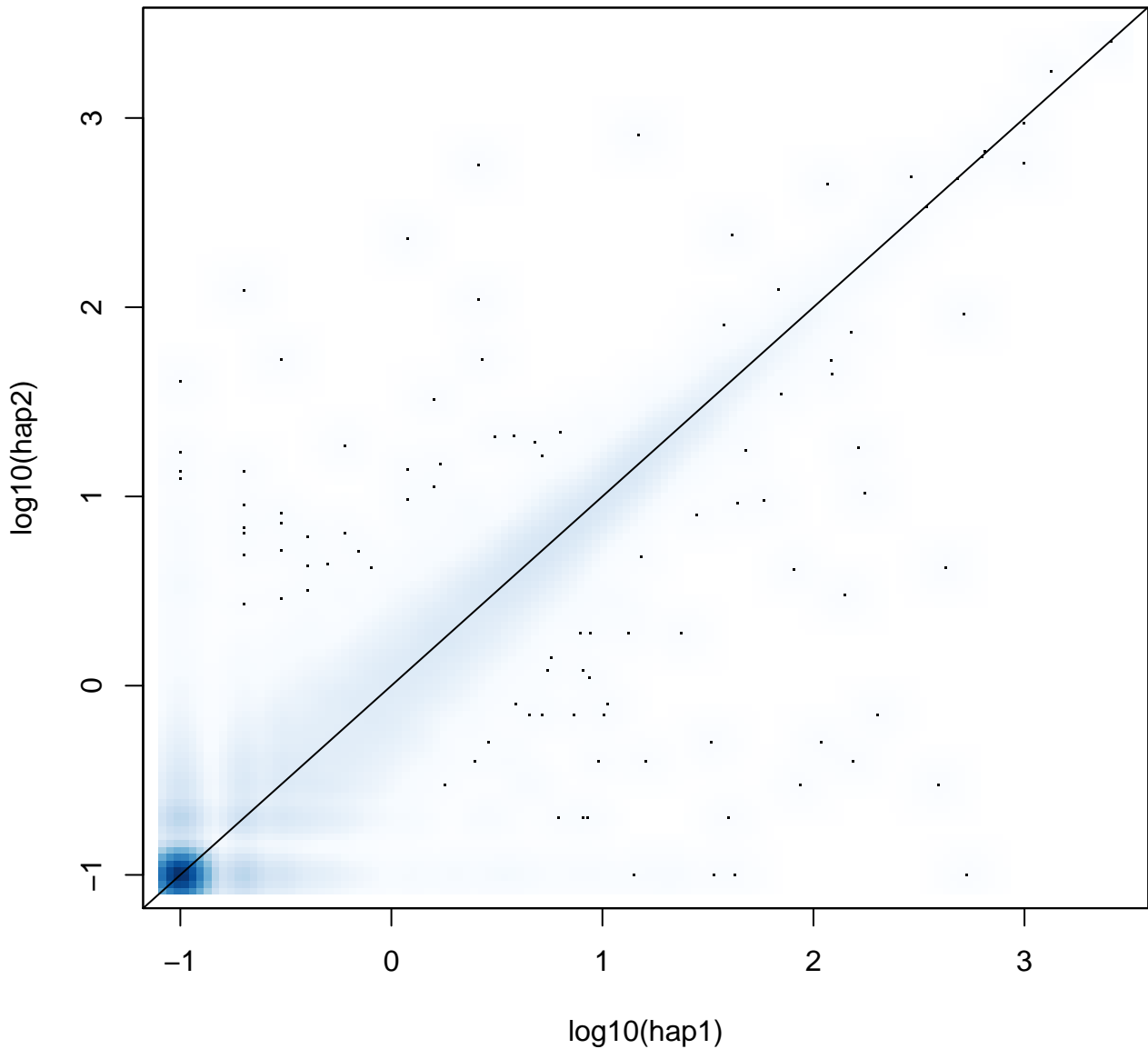
# HG00274: compare hap1 vs hap2 counts



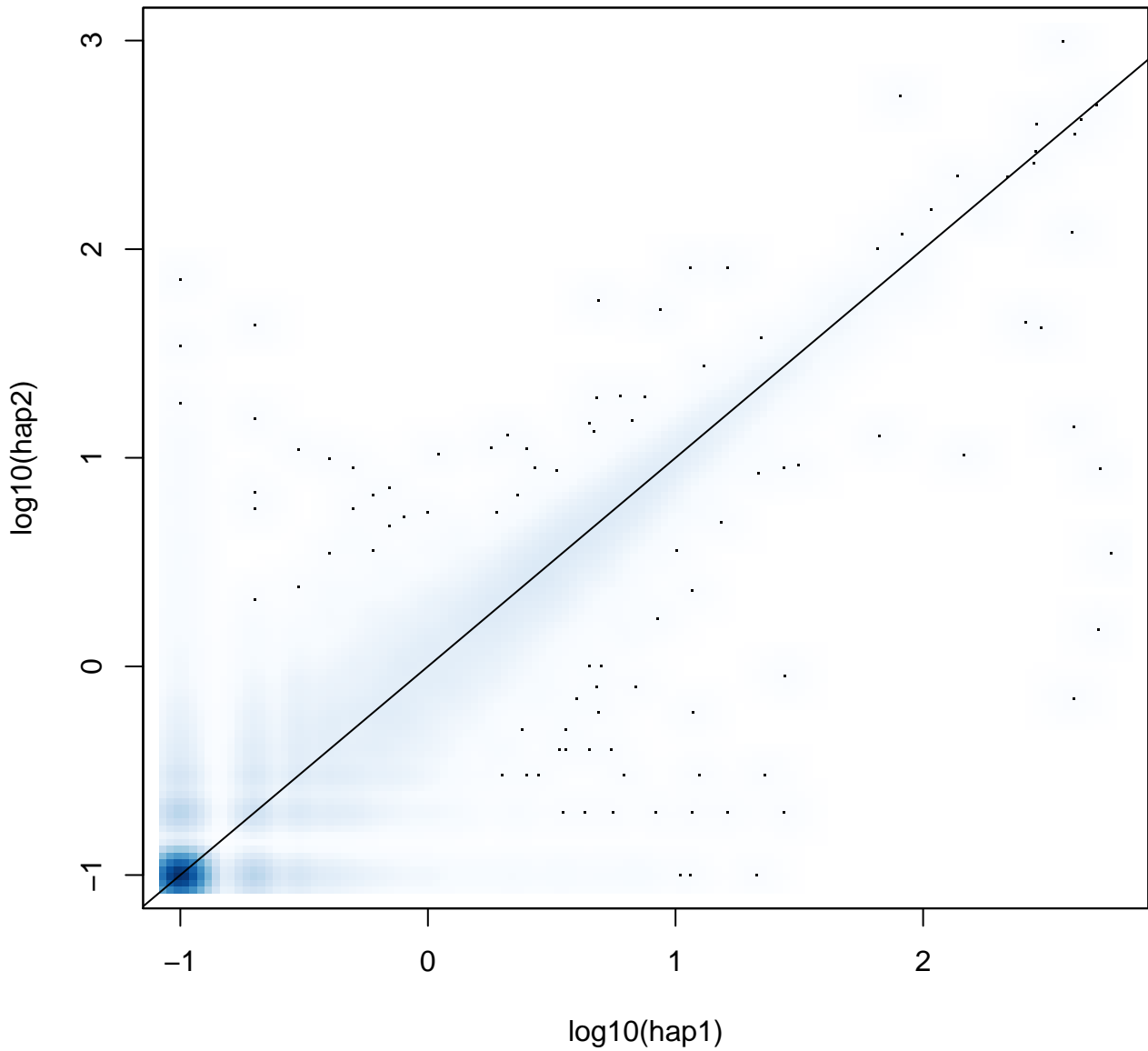
# HG00275: compare hap1 vs hap2 counts



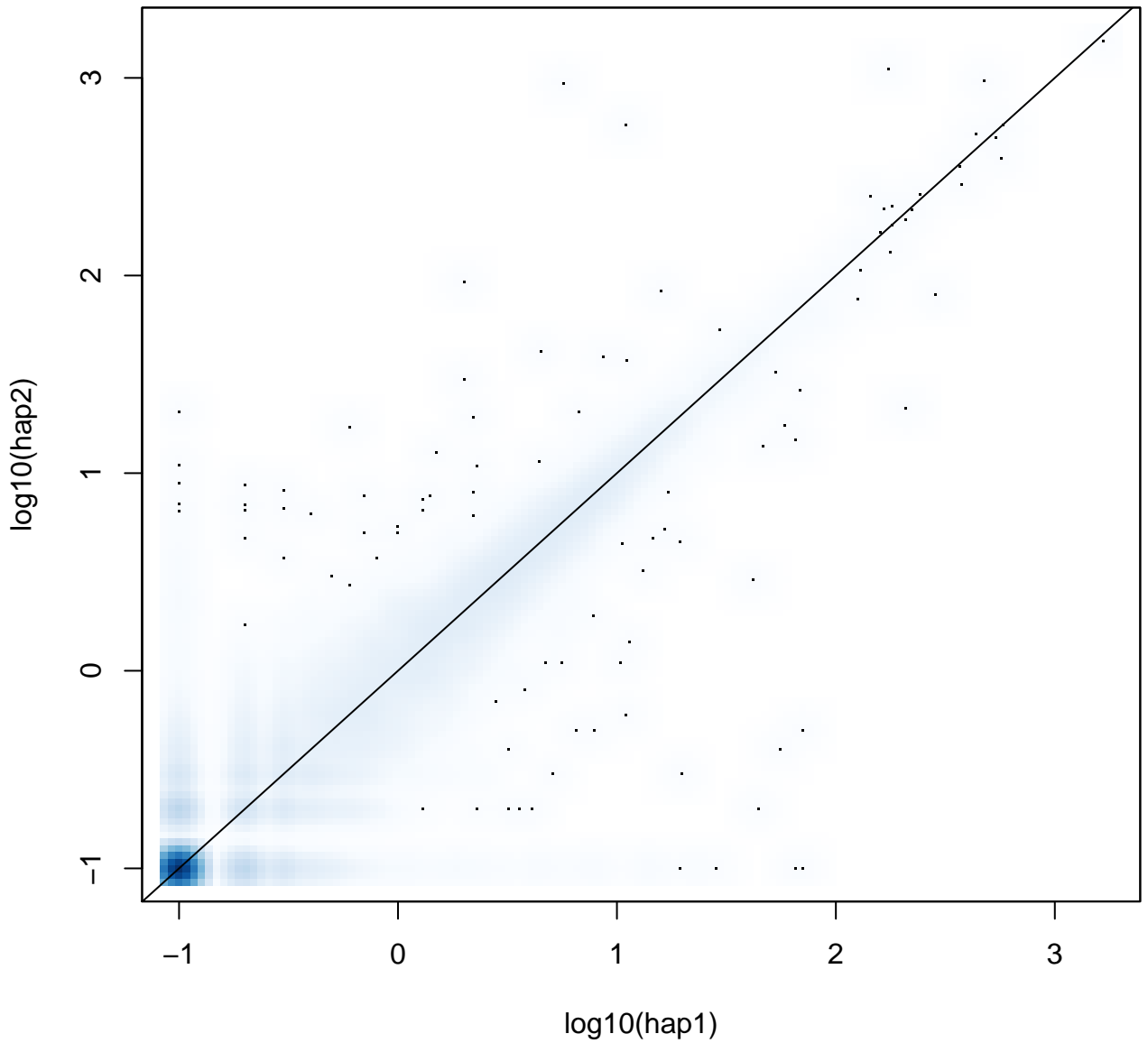
# HG00276: compare hap1 vs hap2 counts



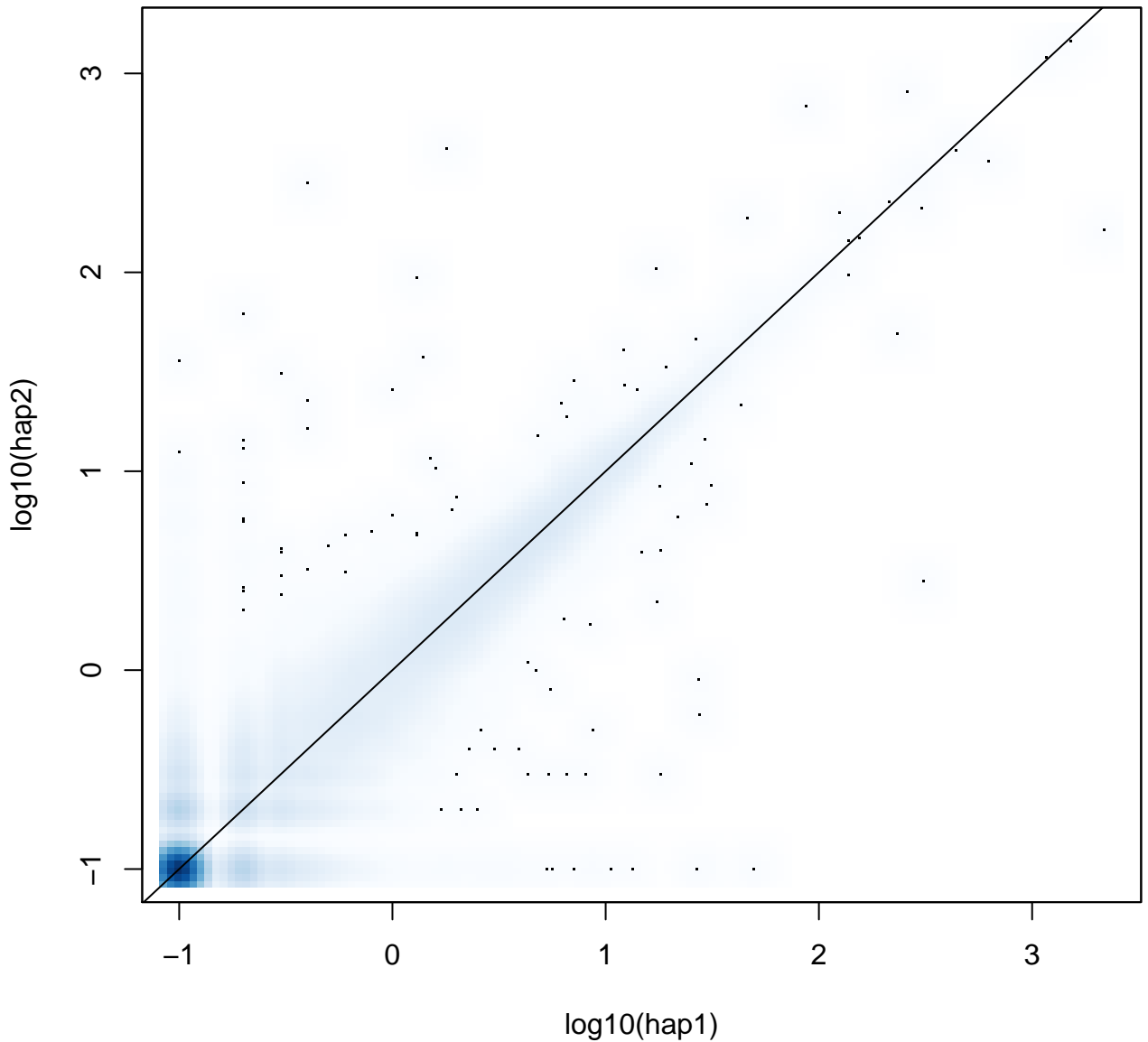
# HG00277: compare hap1 vs hap2 counts



# HG00278: compare hap1 vs hap2 counts

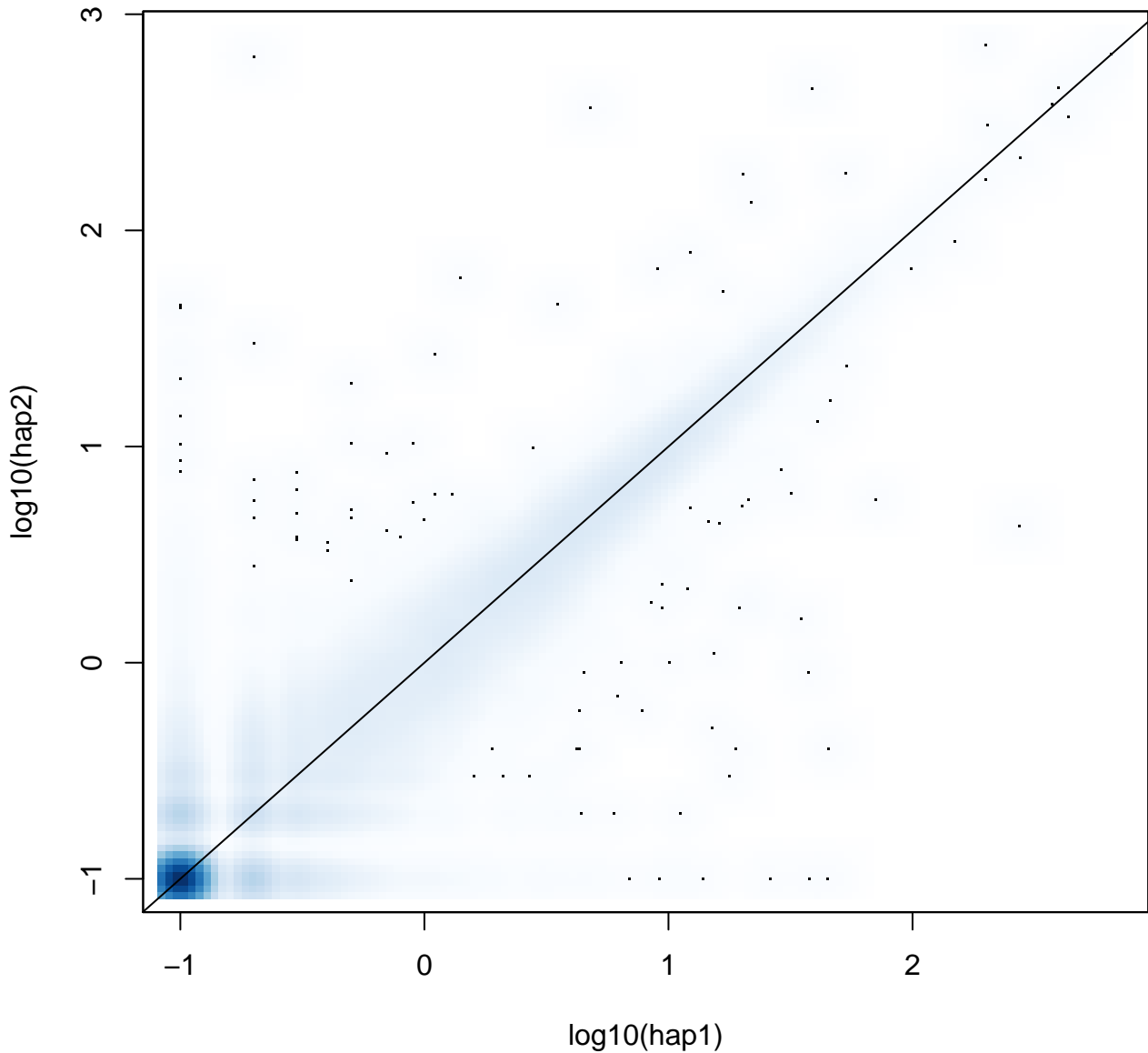


# HG00280: compare hap1 vs hap2 counts

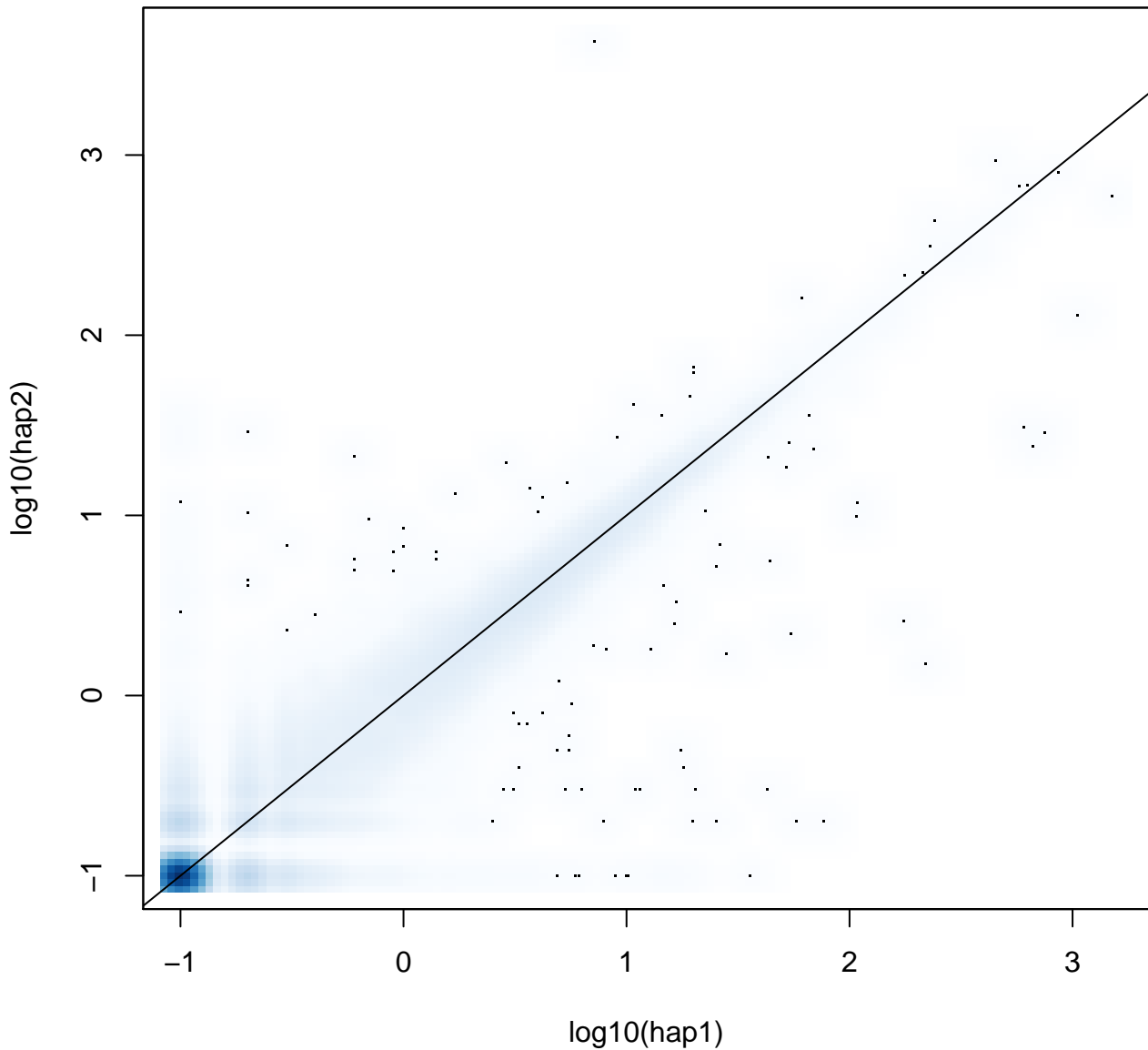




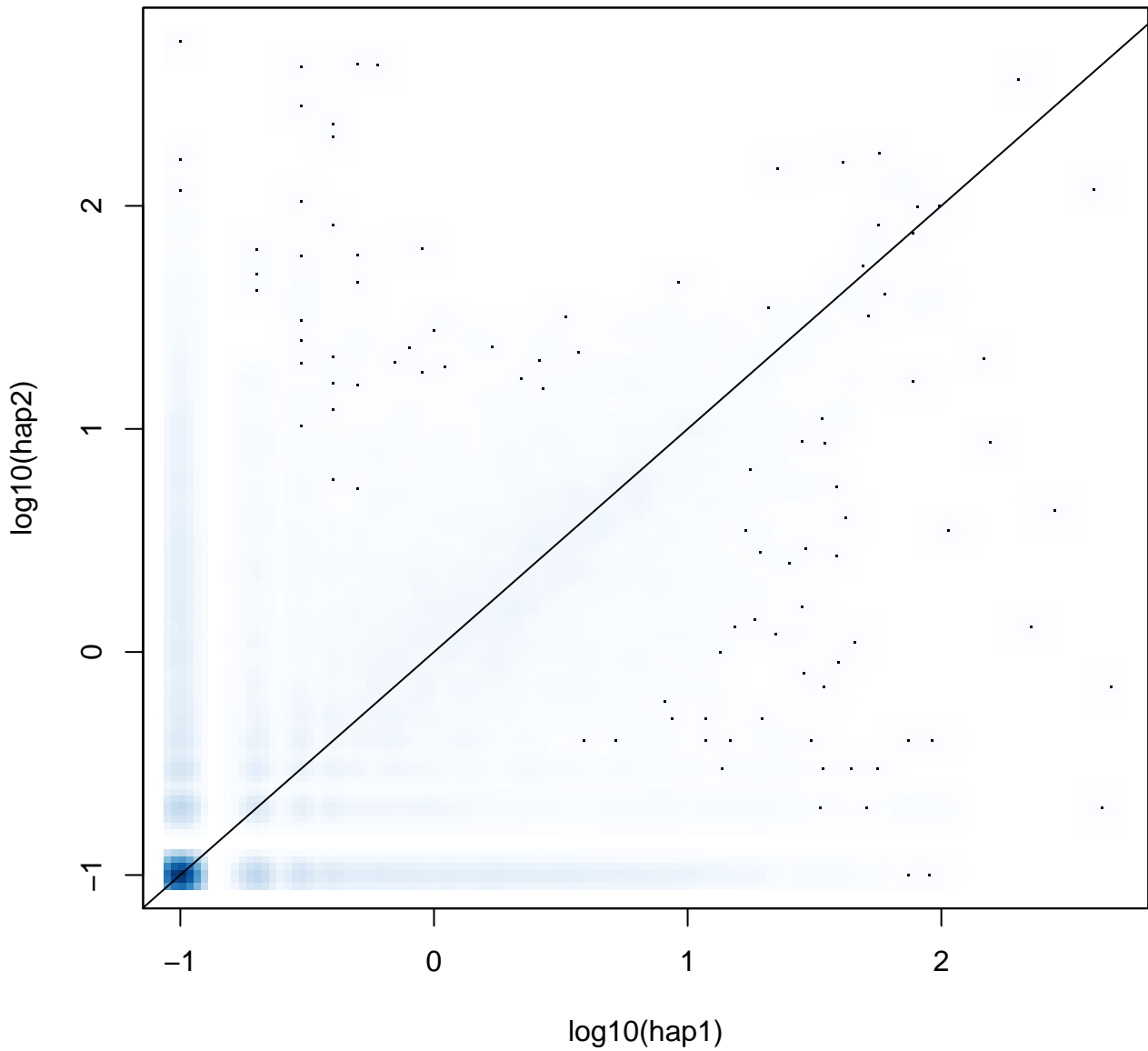
# HG00281: compare hap1 vs hap2 counts



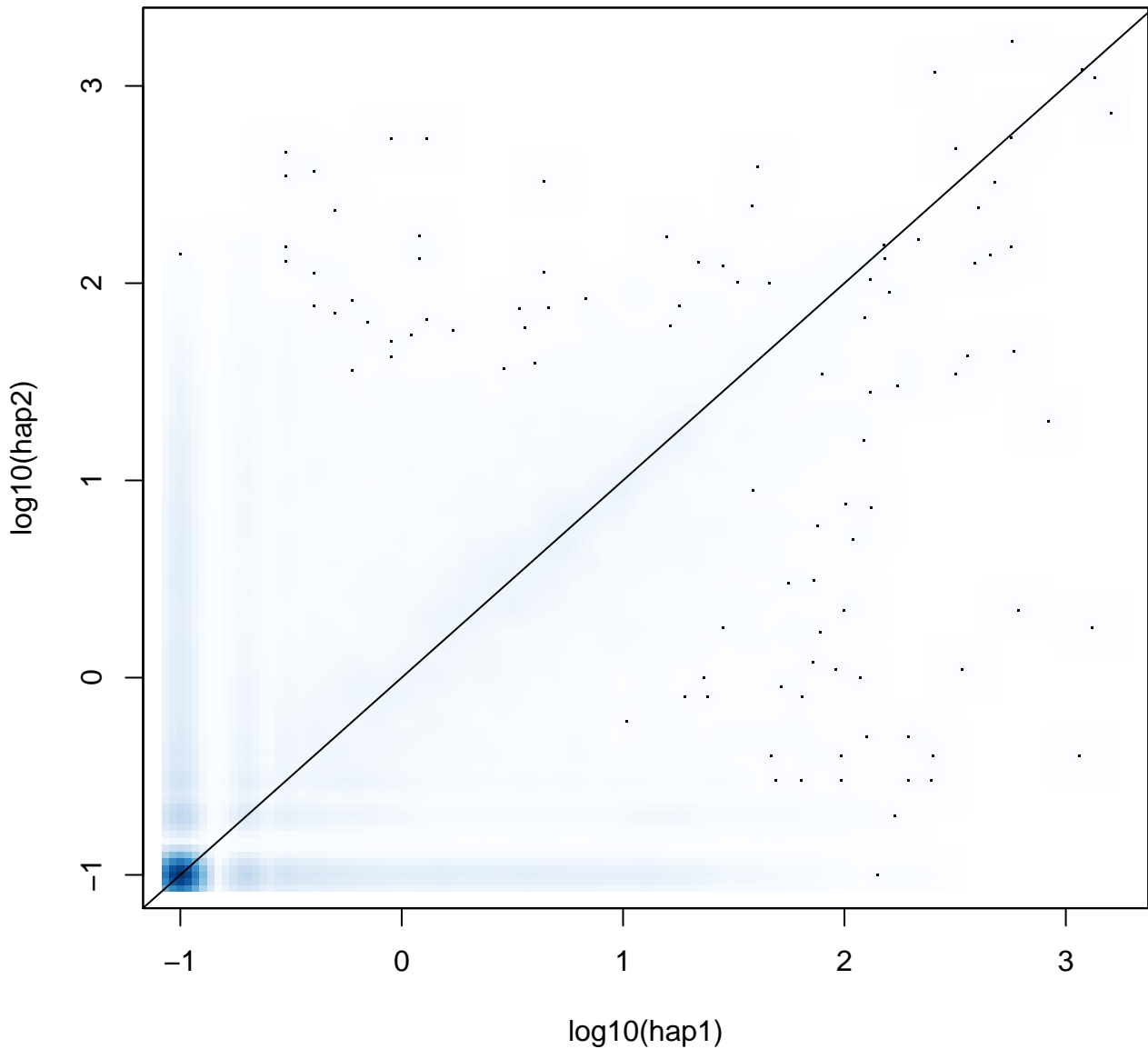
# HG00282: compare hap1 vs hap2 counts



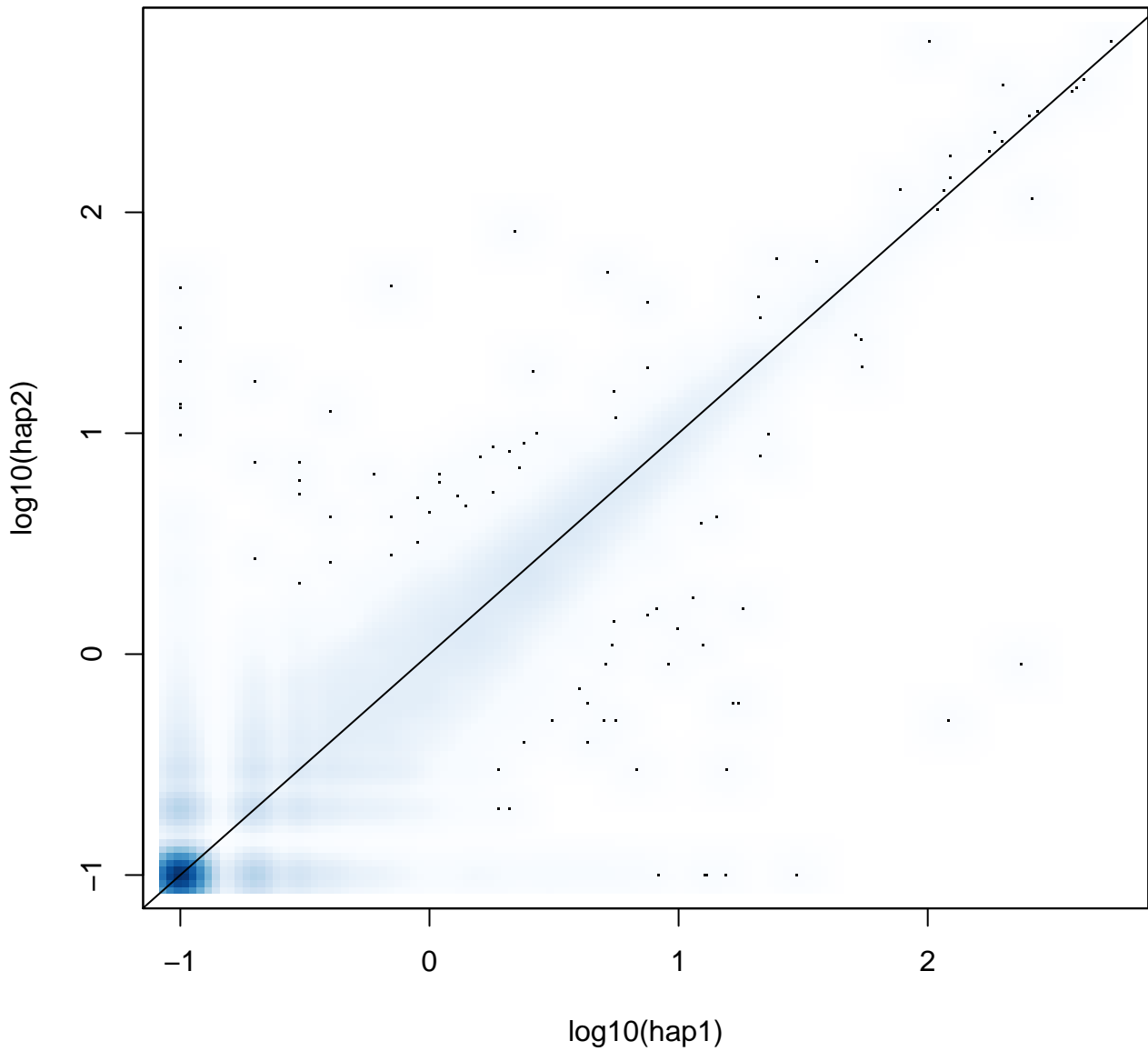
# HG00284: compare hap1 vs hap2 counts



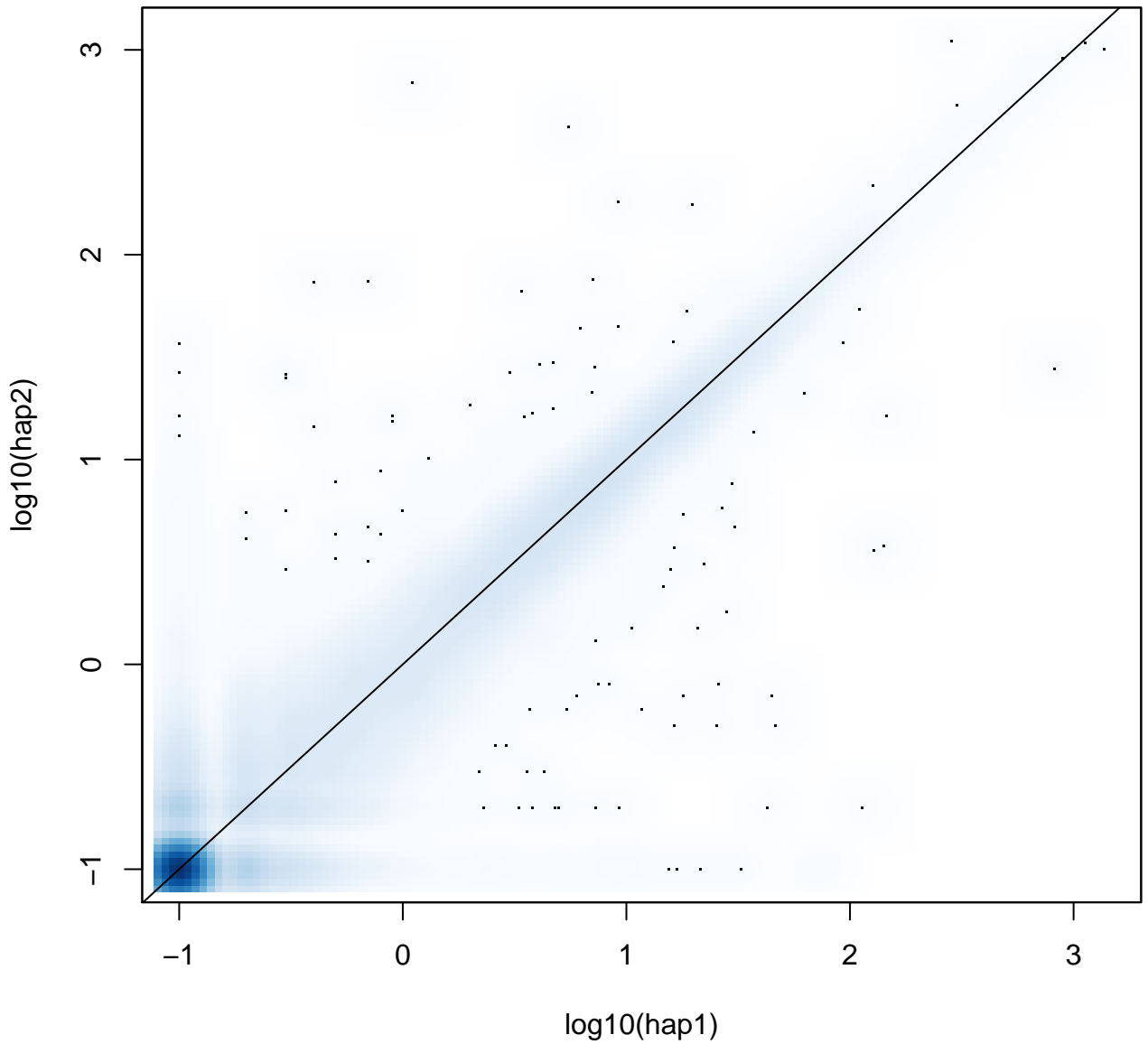
# HG00285: compare hap1 vs hap2 counts



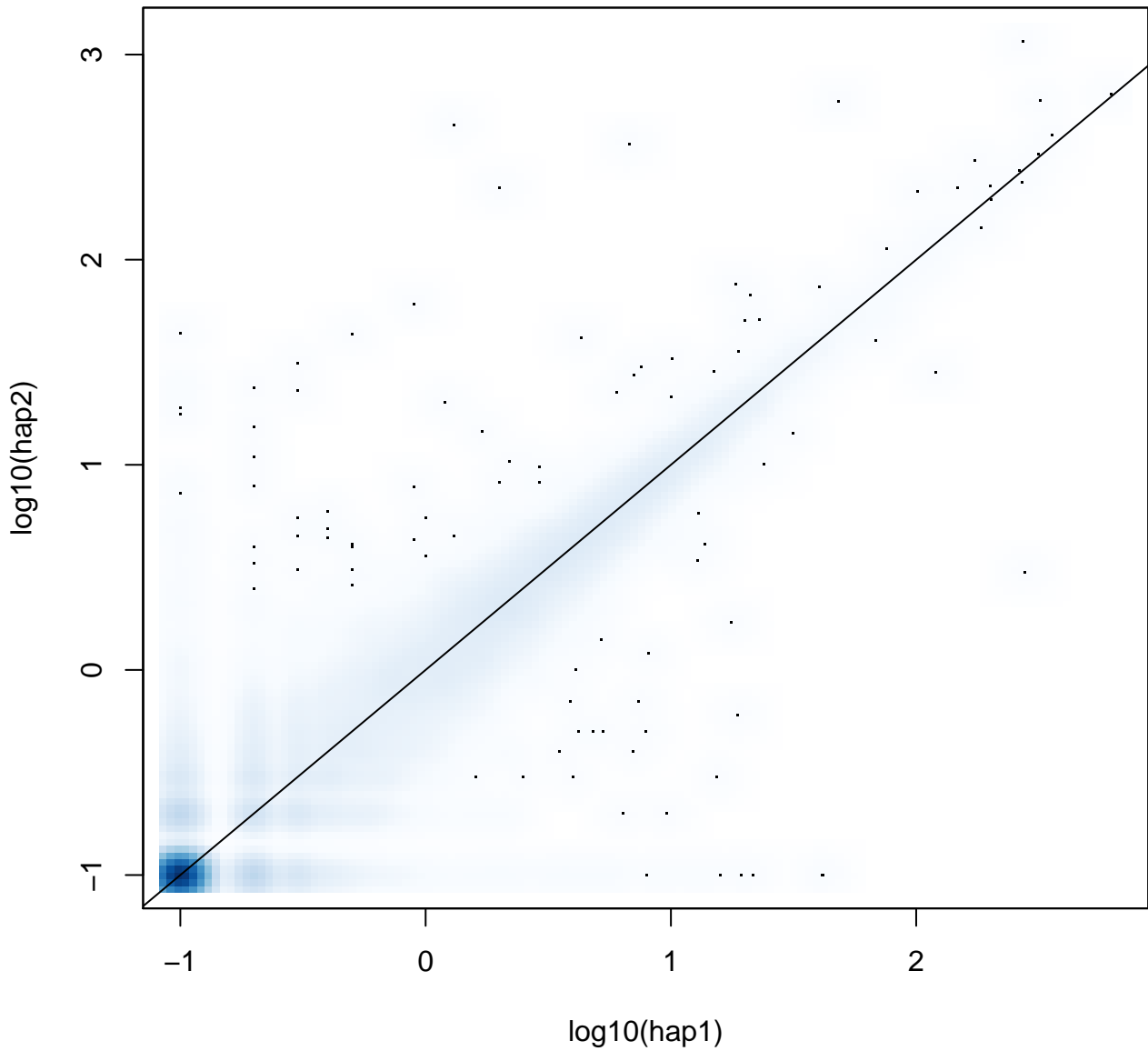
# HG00306: compare hap1 vs hap2 counts



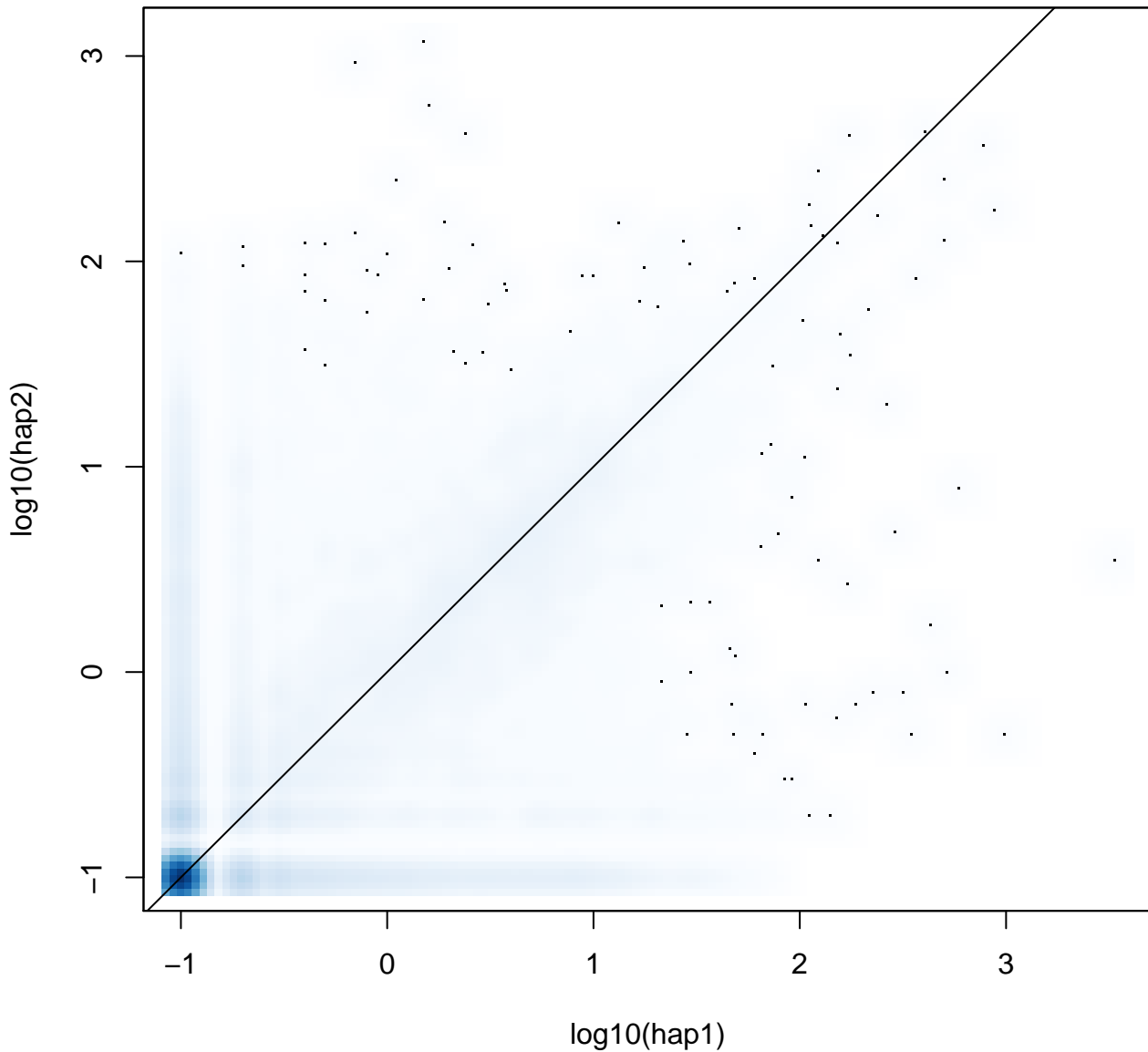
# HG00309: compare hap1 vs hap2 counts



# HG00310: compare hap1 vs hap2 counts

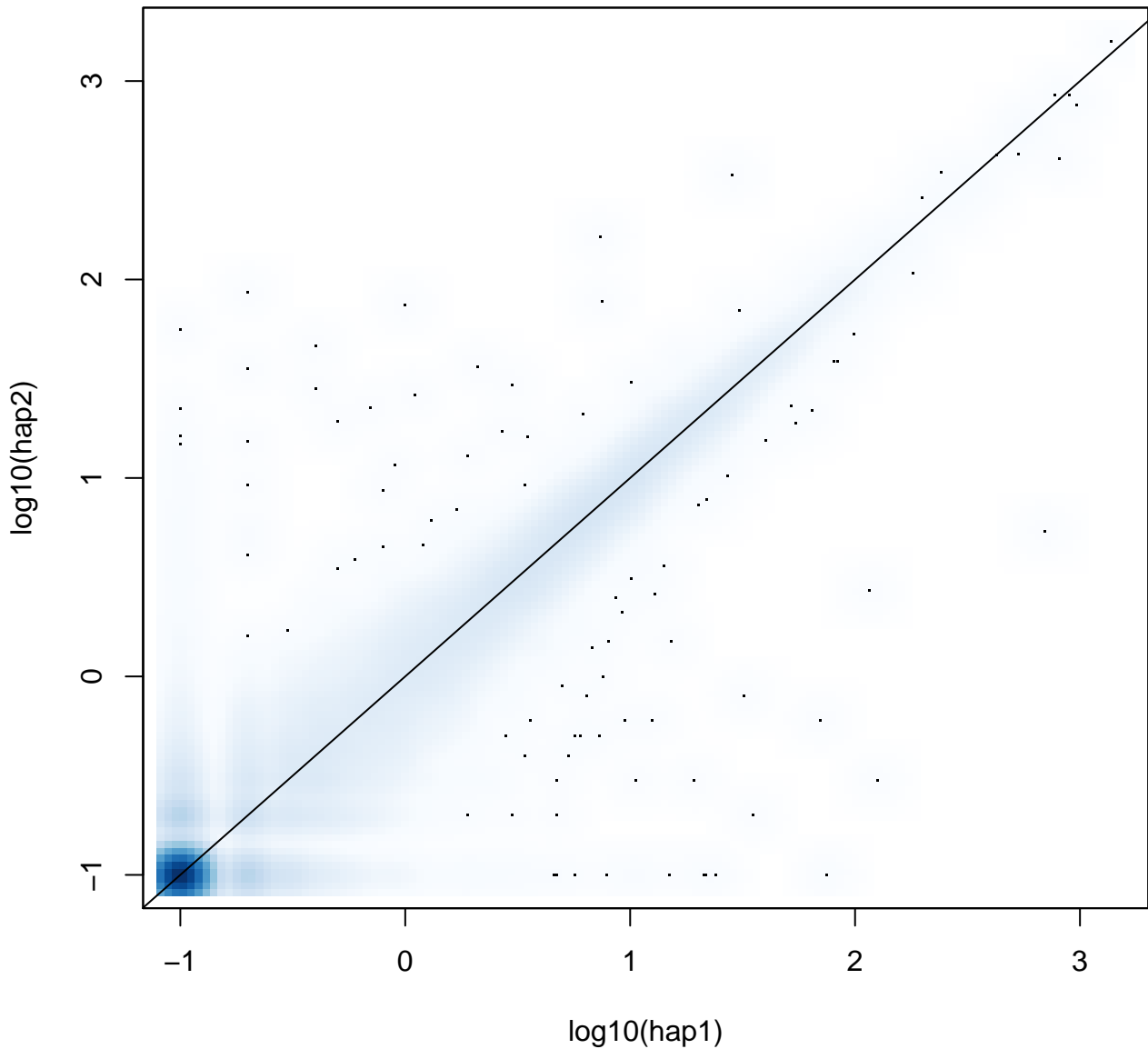


# HG00311: compare hap1 vs hap2 counts

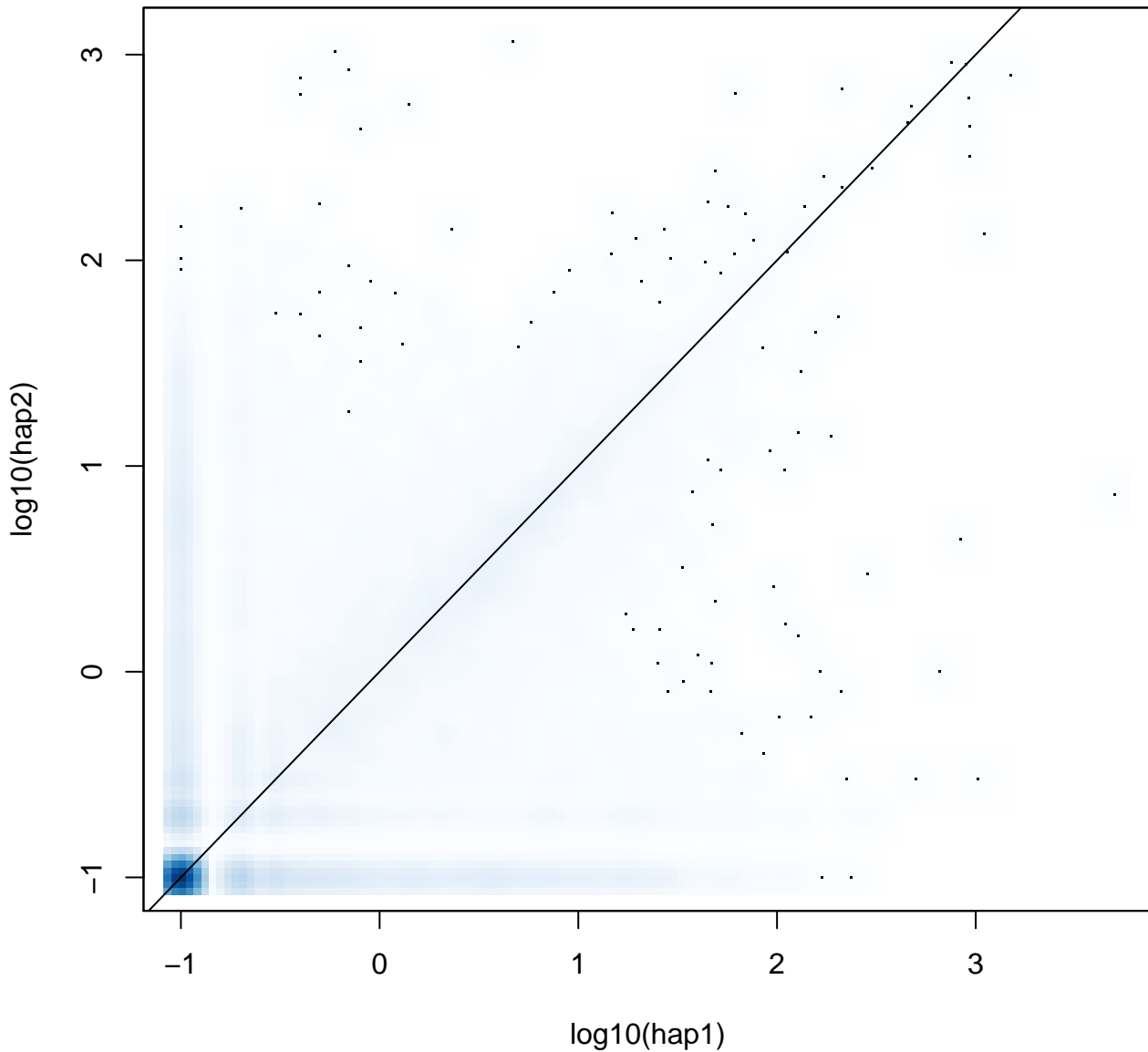




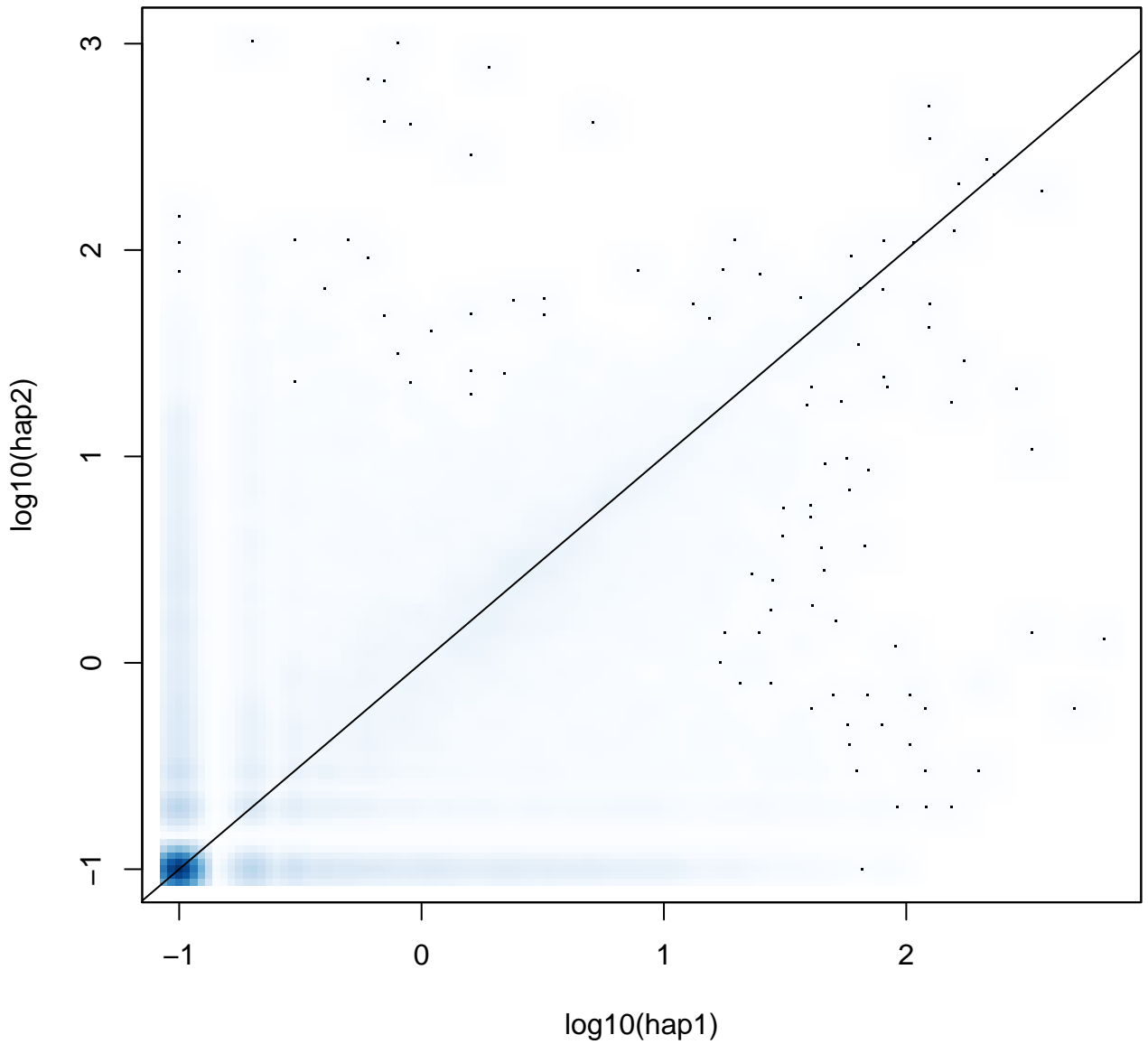
# HG00312: compare hap1 vs hap2 counts



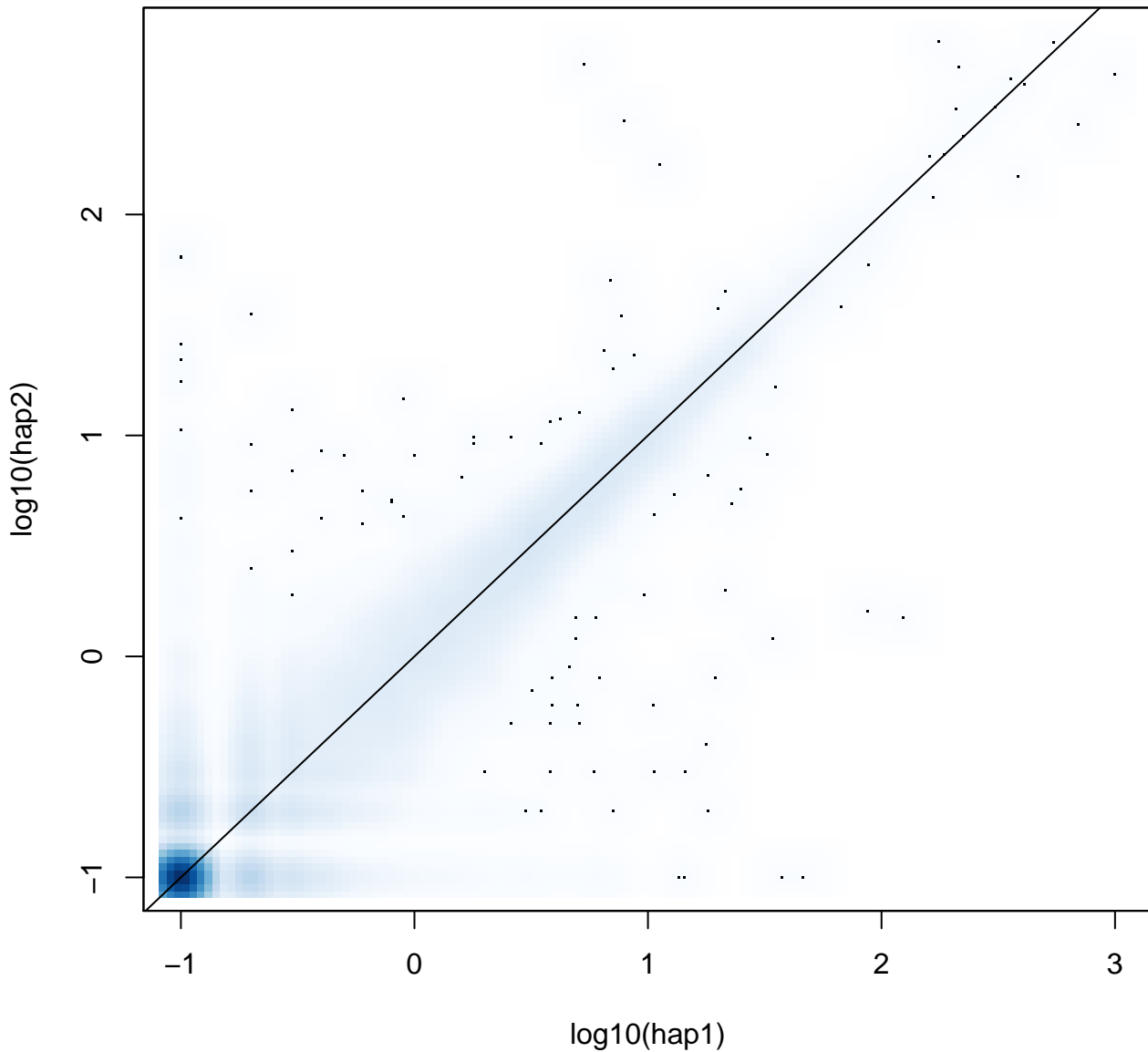
# HG00313: compare hap1 vs hap2 counts



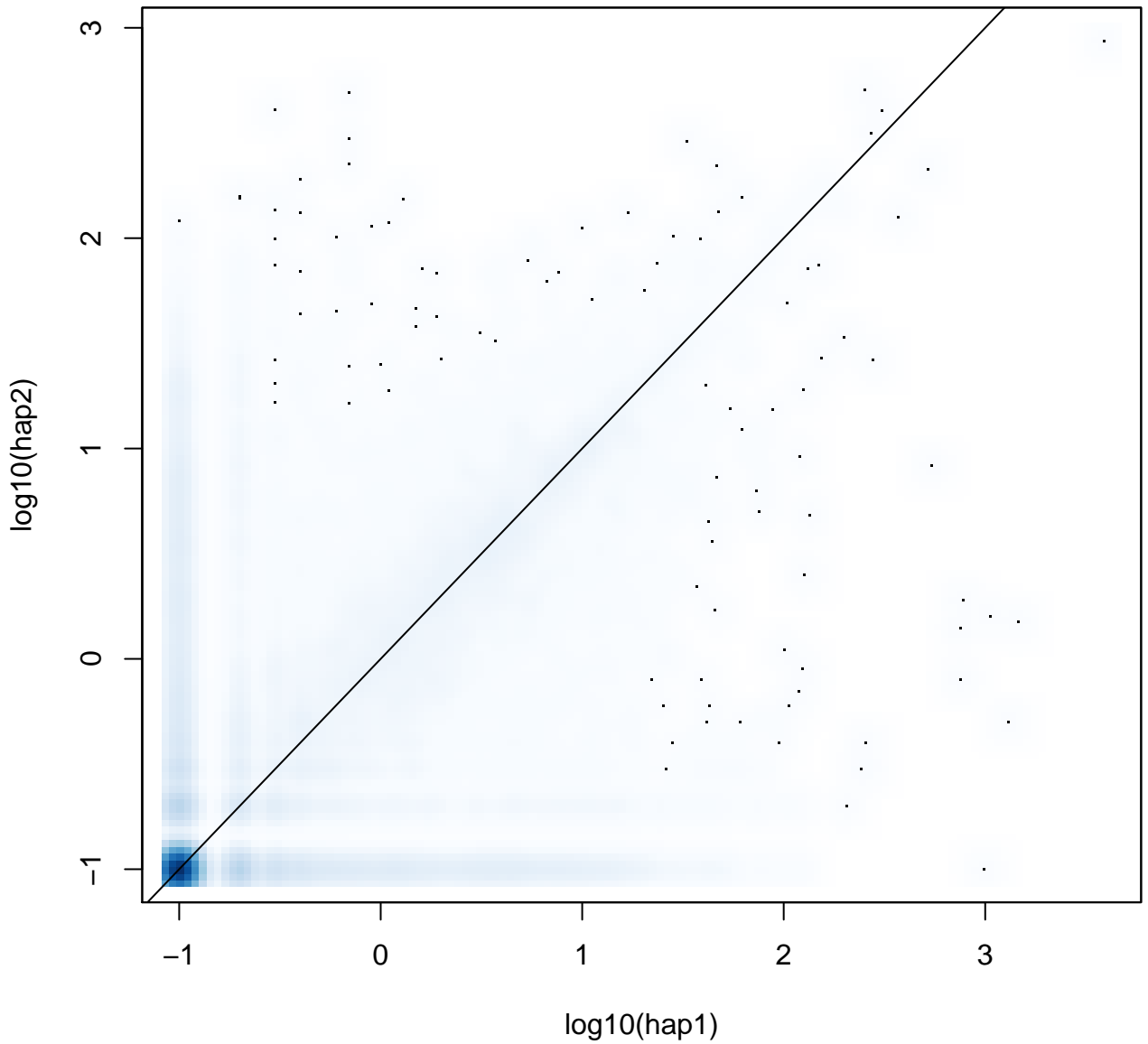
# HG00315: compare hap1 vs hap2 counts



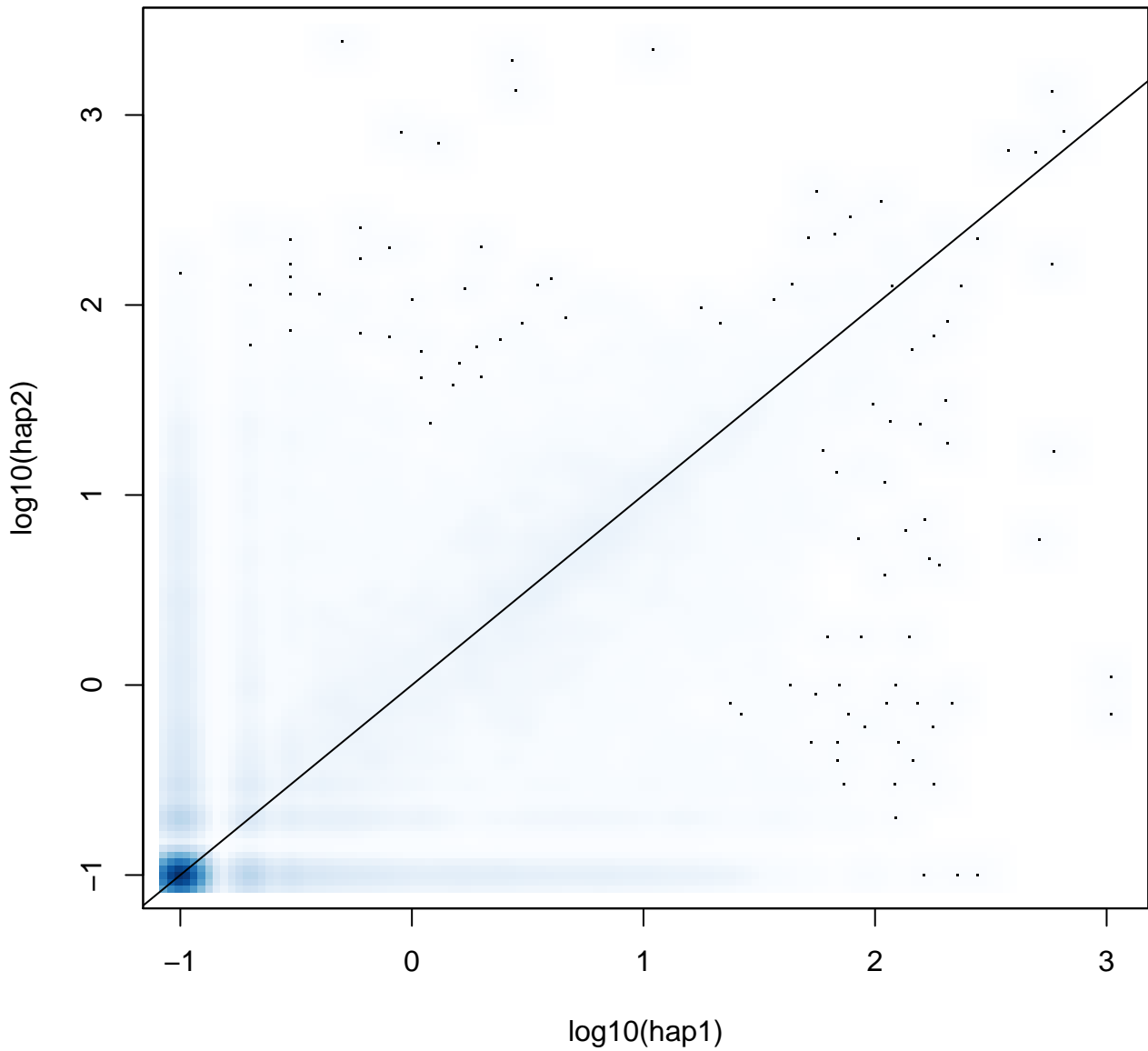
# HG00319: compare hap1 vs hap2 counts



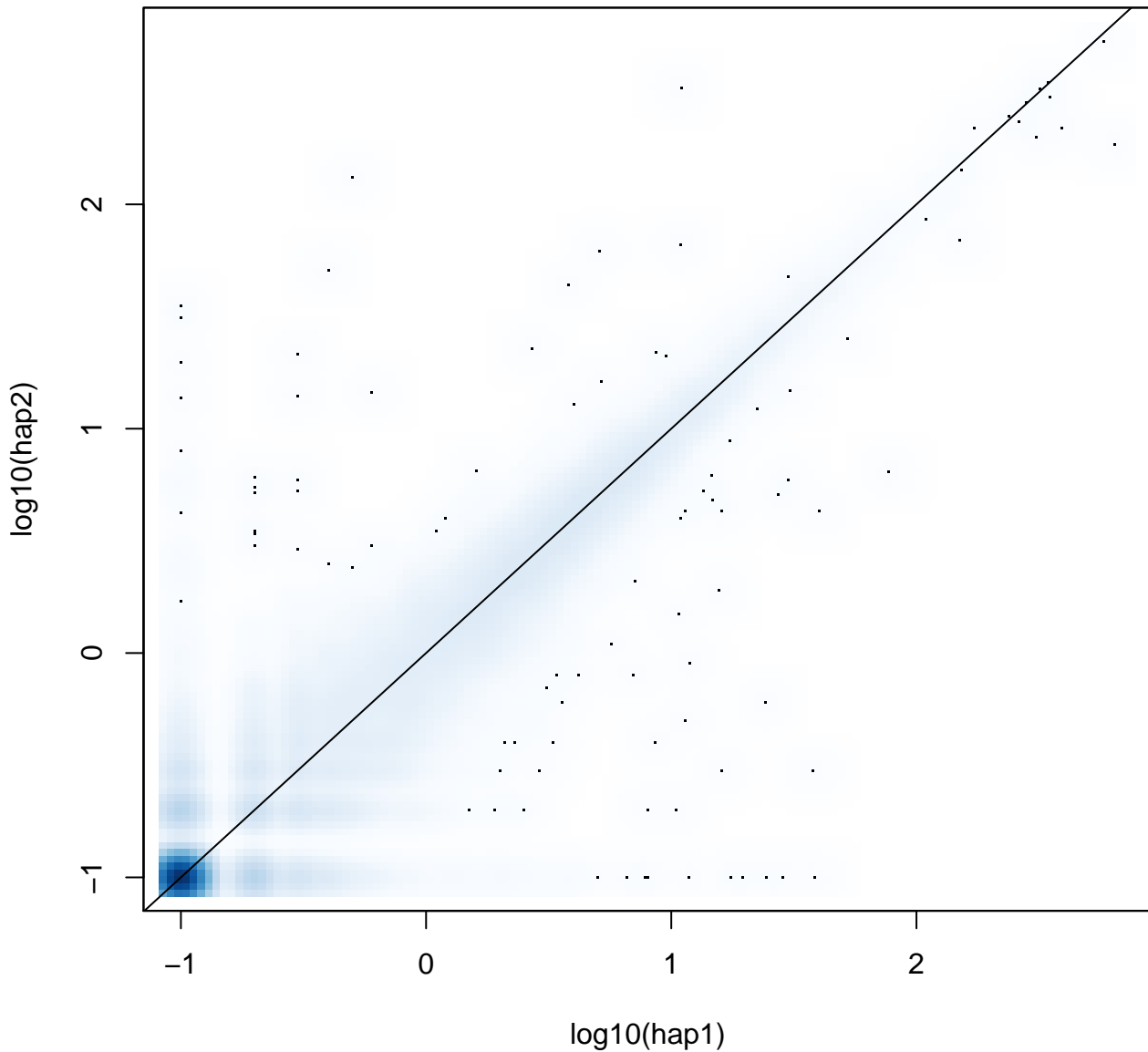
# HG00320: compare hap1 vs hap2 counts



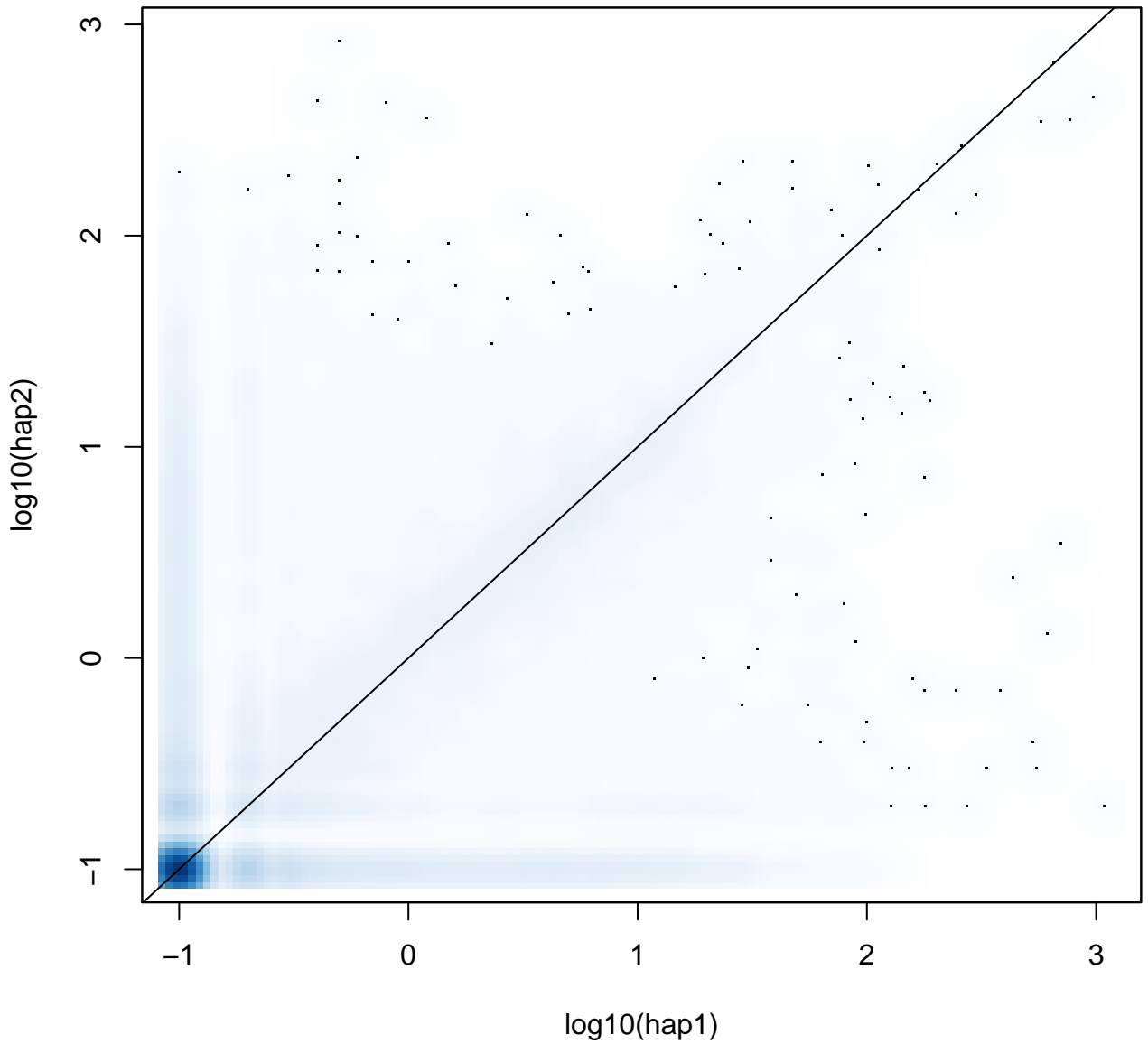
# HG00321: compare hap1 vs hap2 counts



# HG00323: compare hap1 vs hap2 counts

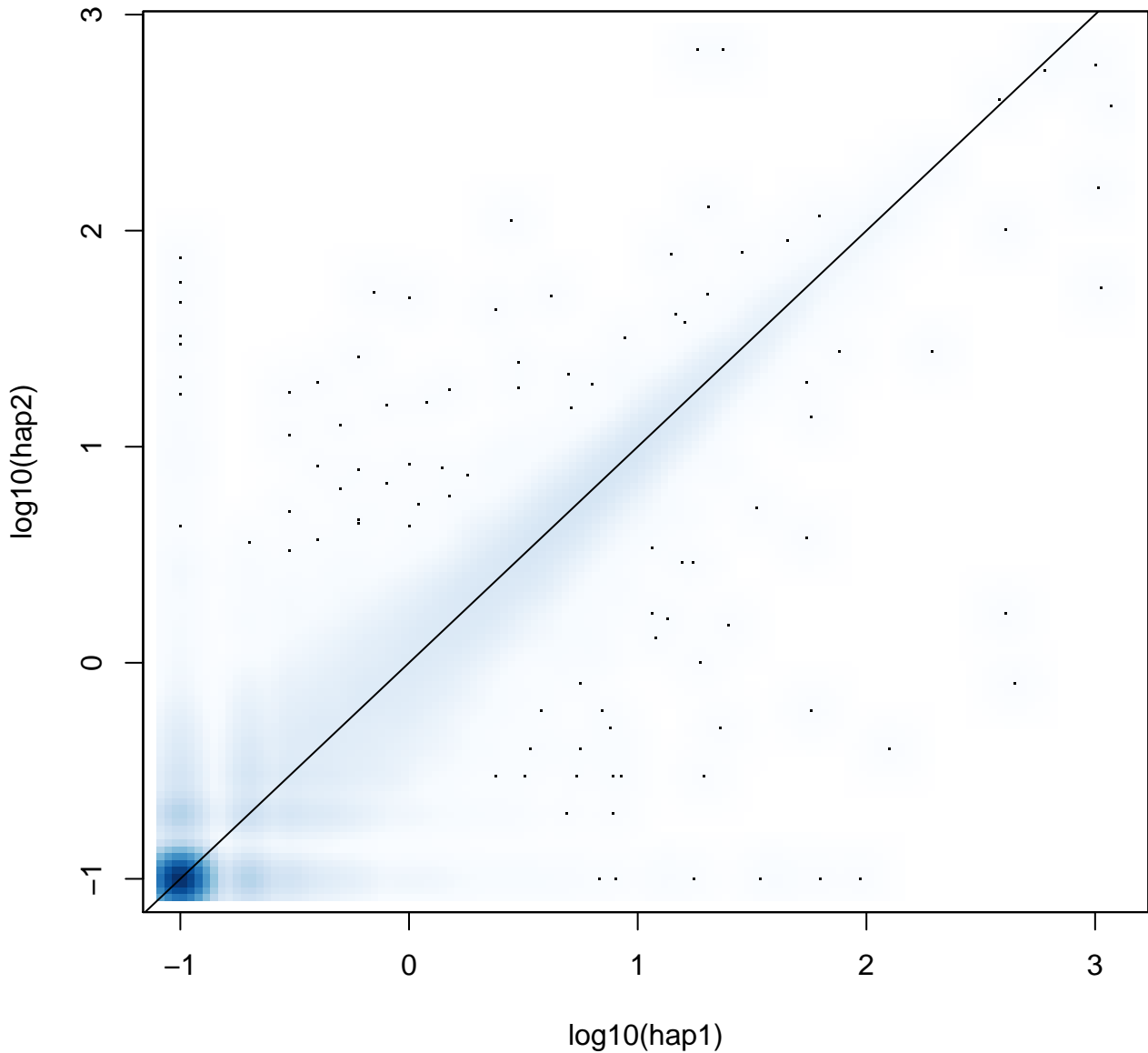


# HG00324: compare hap1 vs hap2 counts

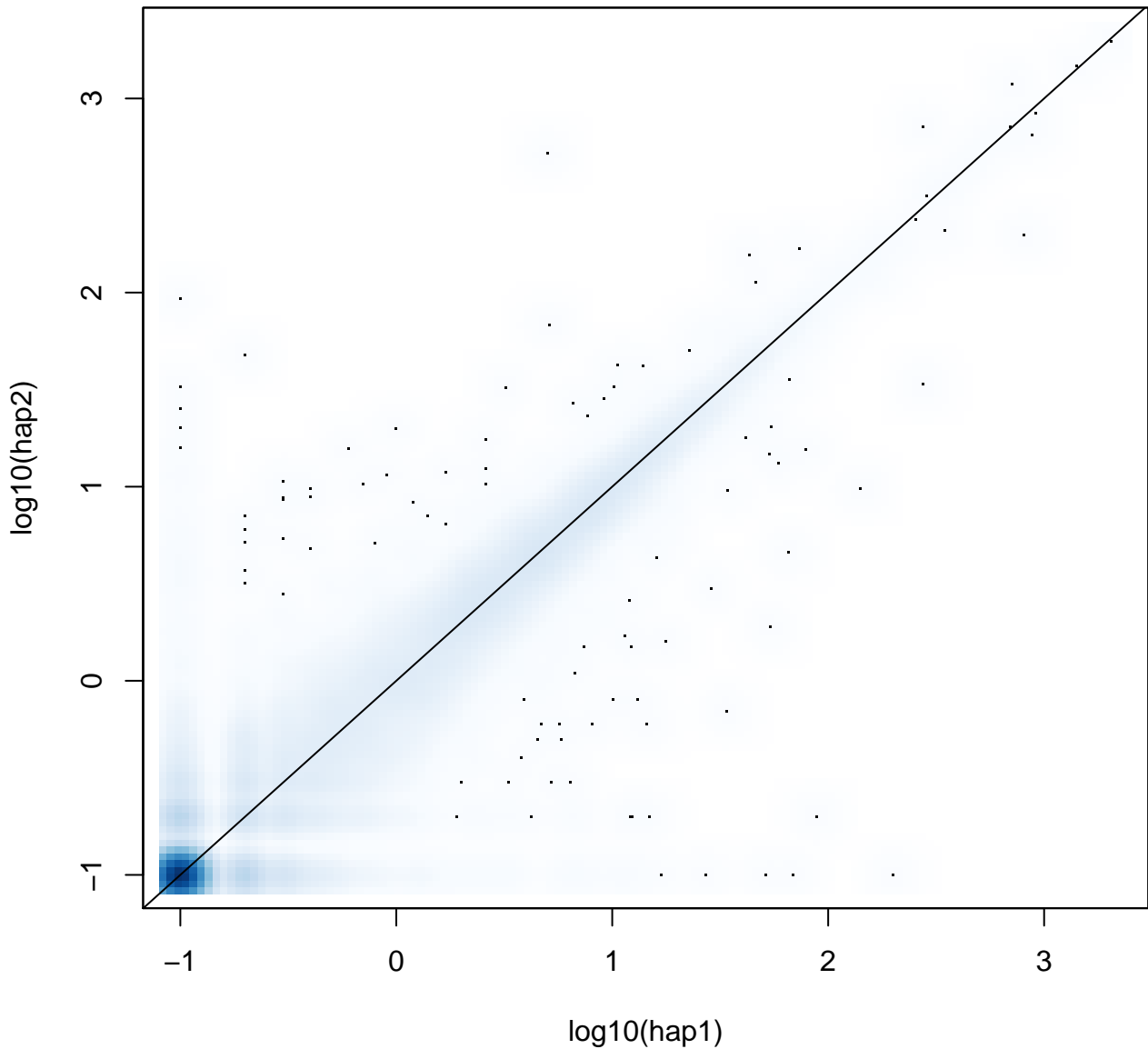




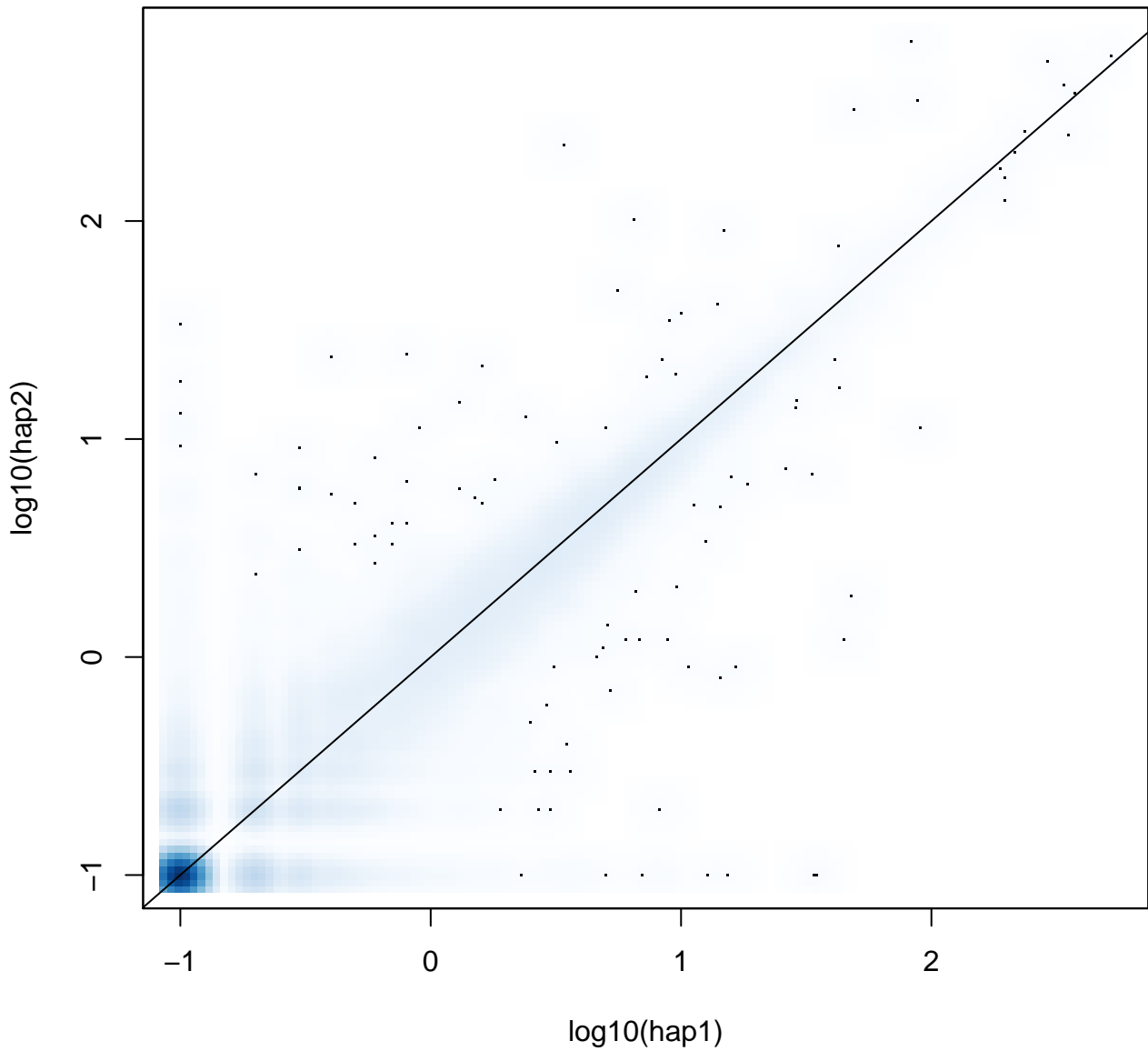
# HG00325: compare hap1 vs hap2 counts



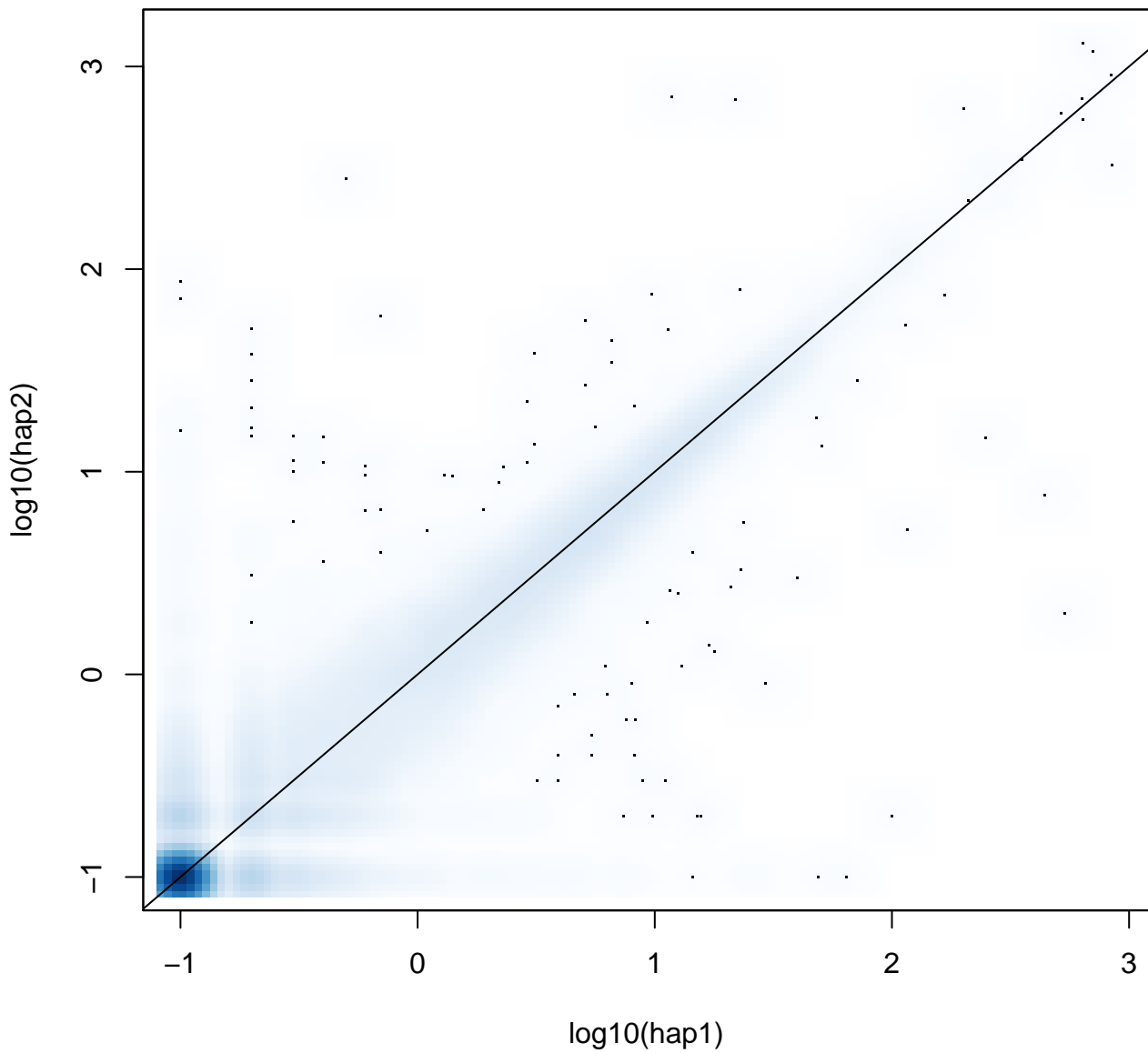
# HG00326: compare hap1 vs hap2 counts



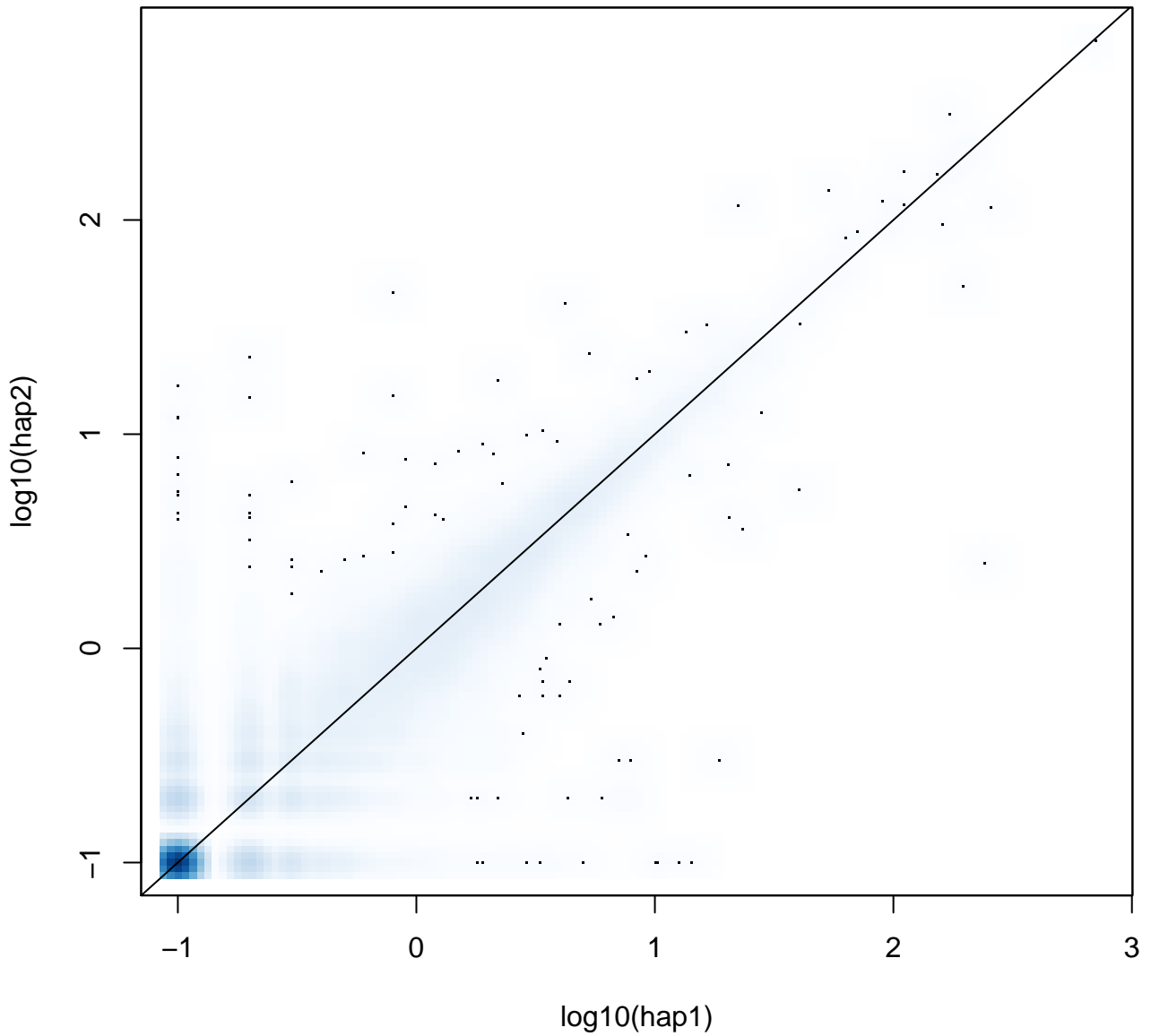
# HG00327: compare hap1 vs hap2 counts



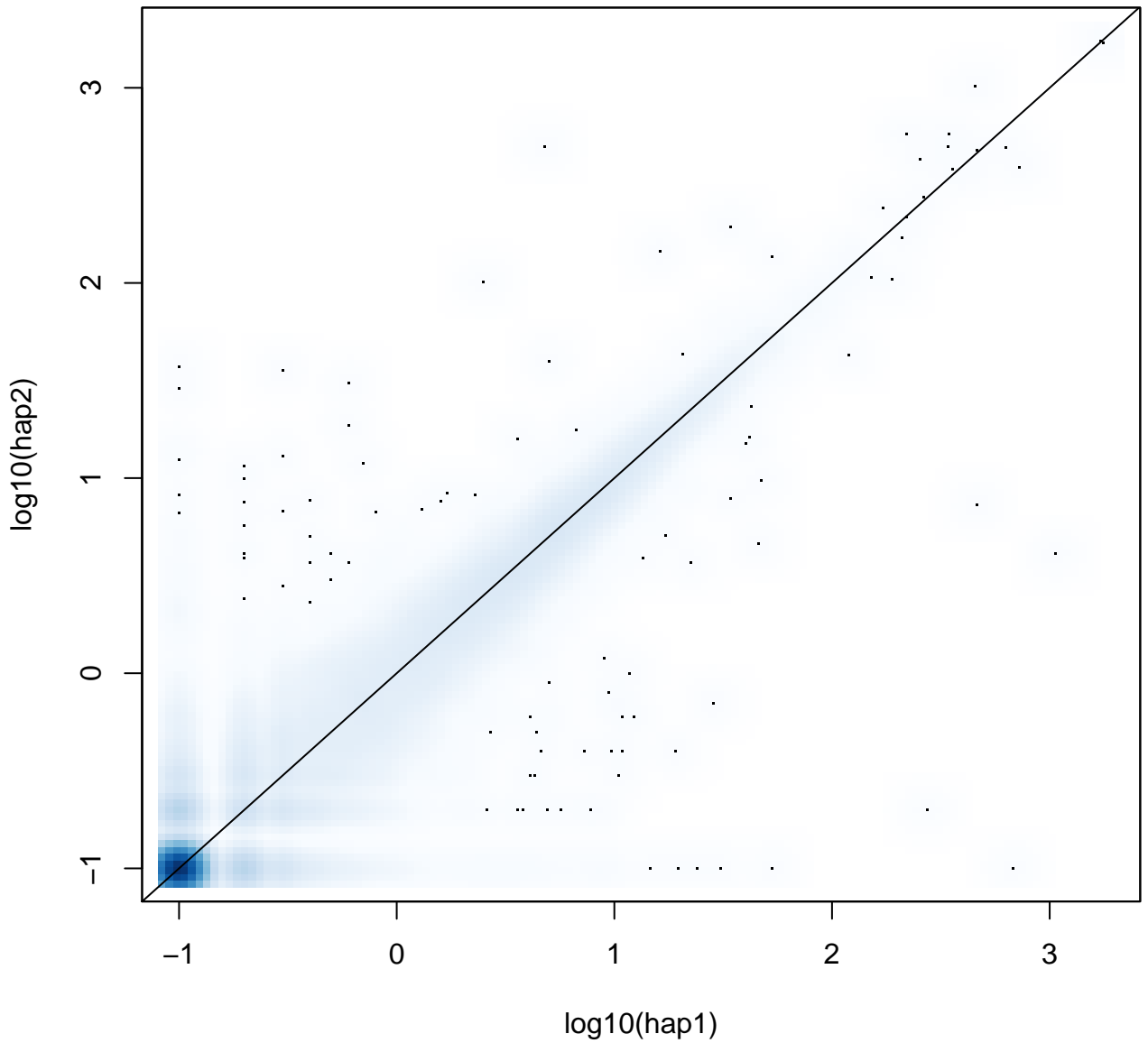
# HG00328: compare hap1 vs hap2 counts



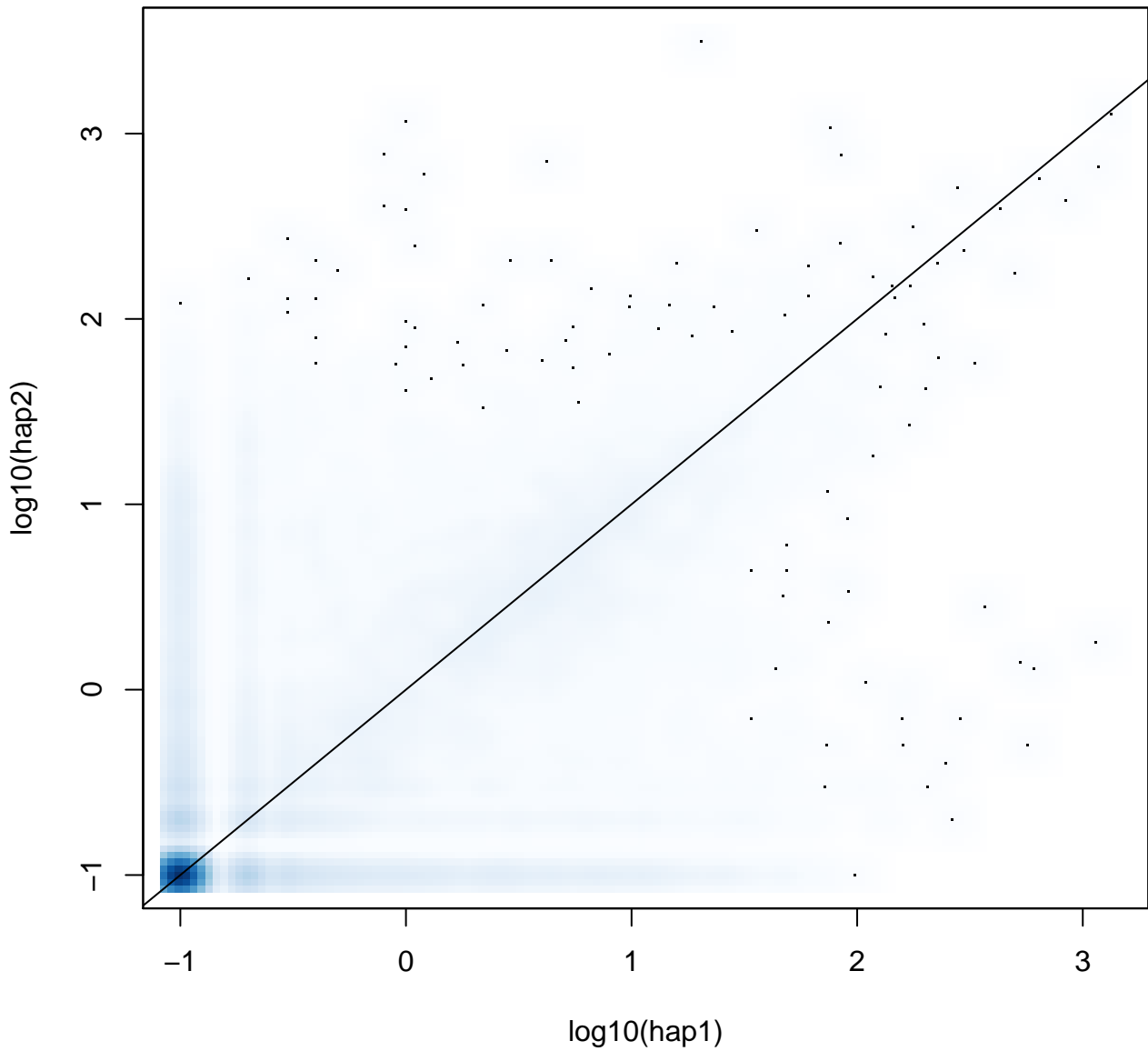
# HG00329: compare hap1 vs hap2 counts



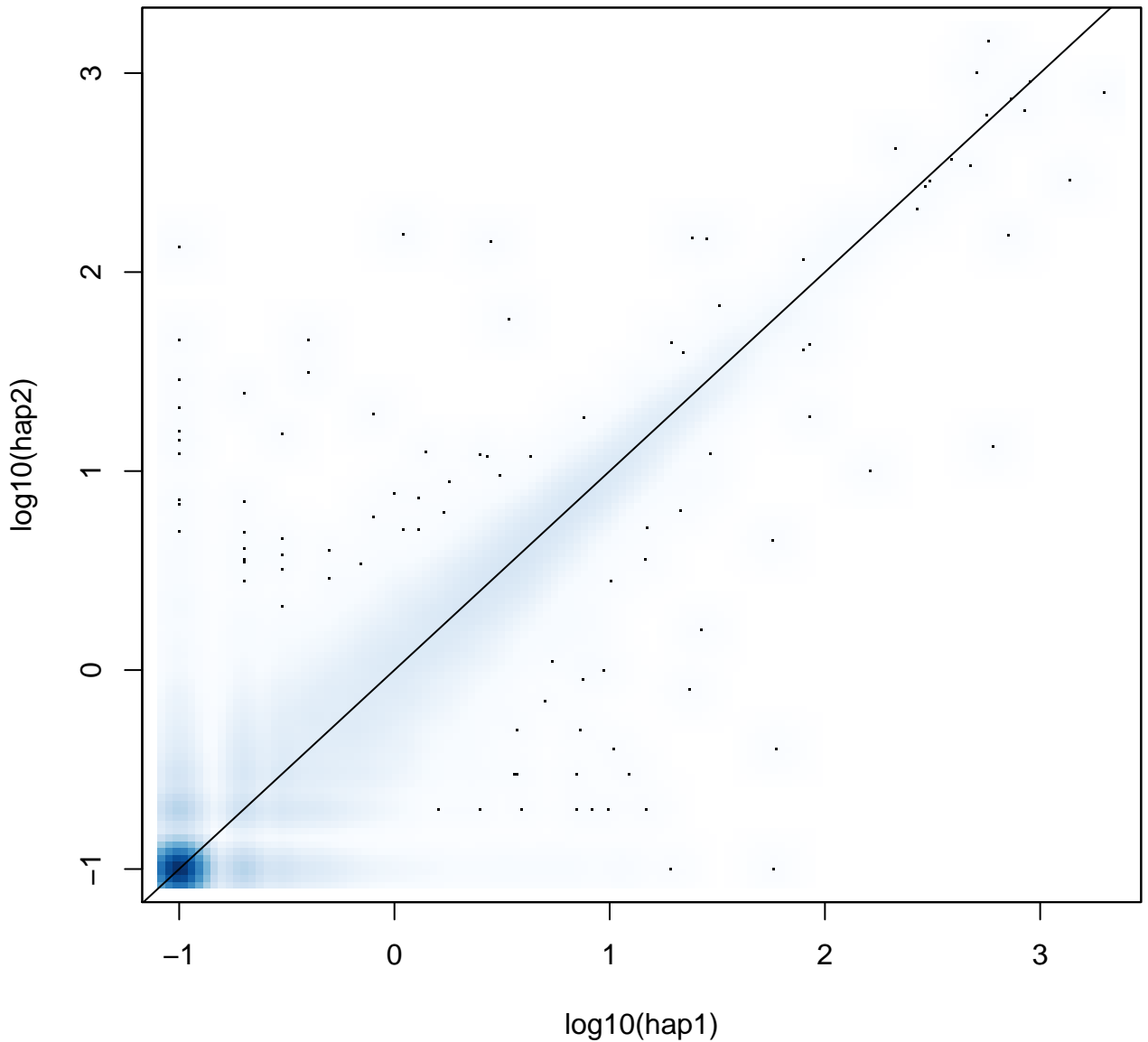
# HG00330: compare hap1 vs hap2 counts



# HG00331: compare hap1 vs hap2 counts

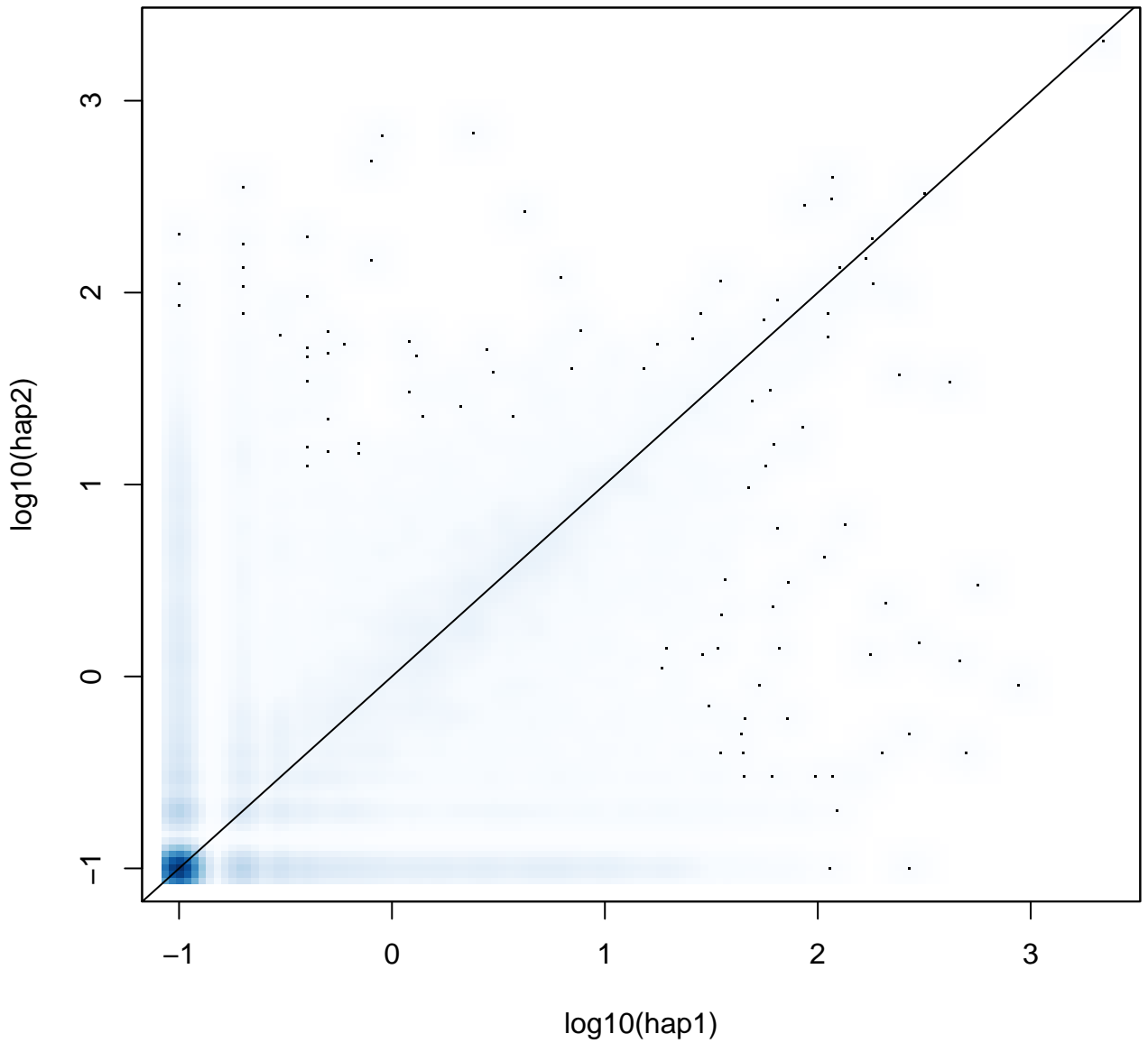


# HG00332: compare hap1 vs hap2 counts

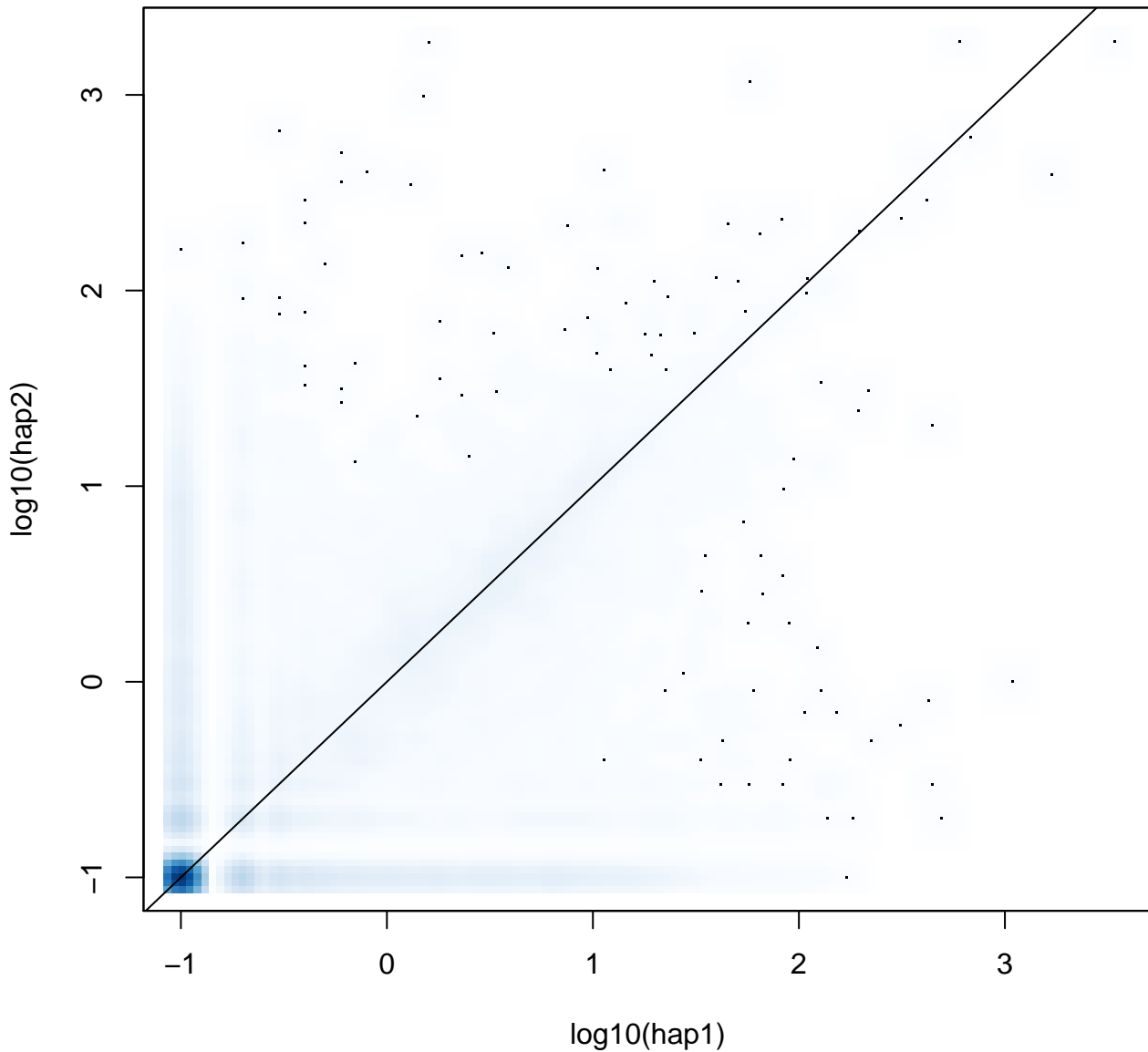




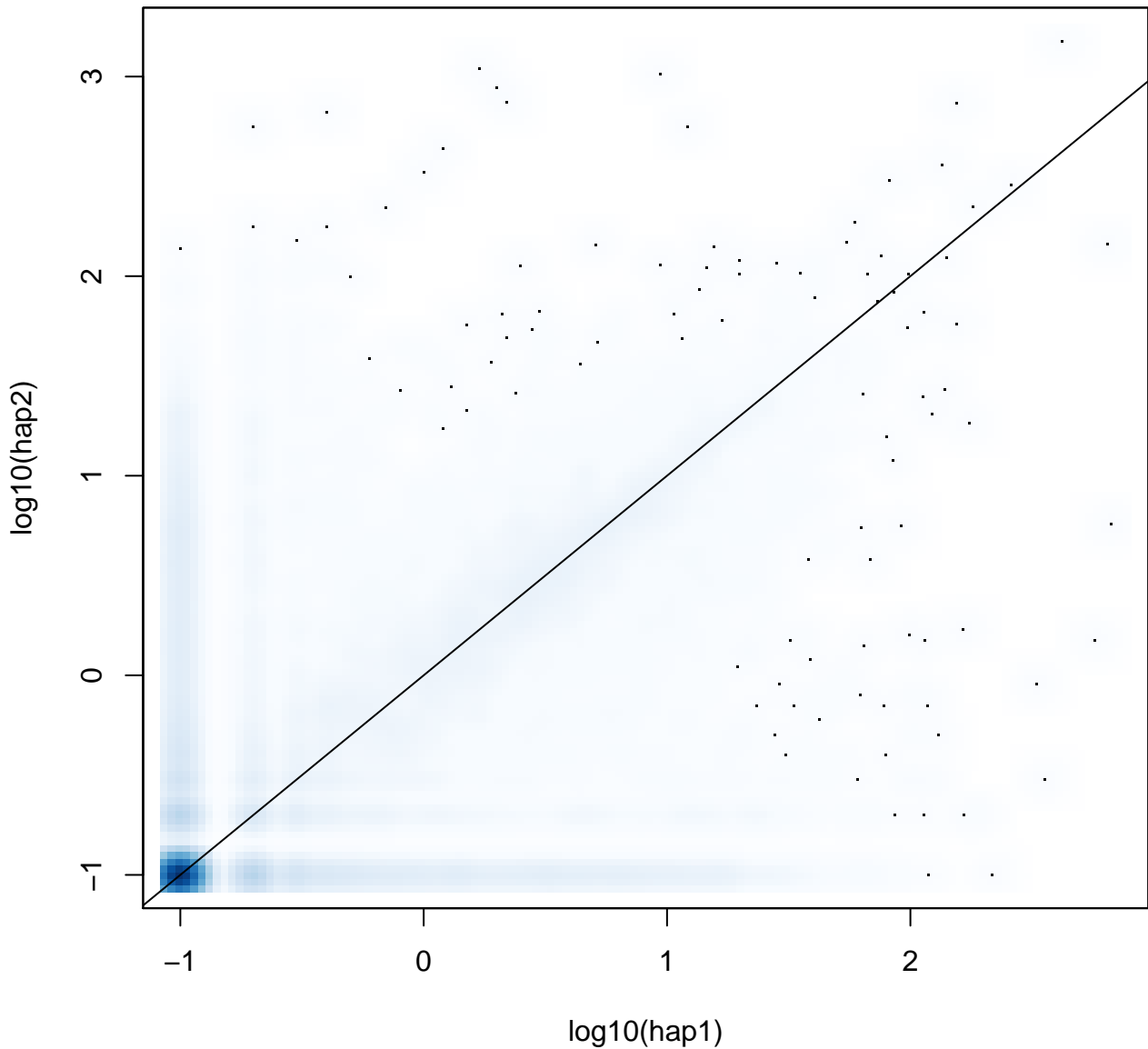
# HG00334: compare hap1 vs hap2 counts



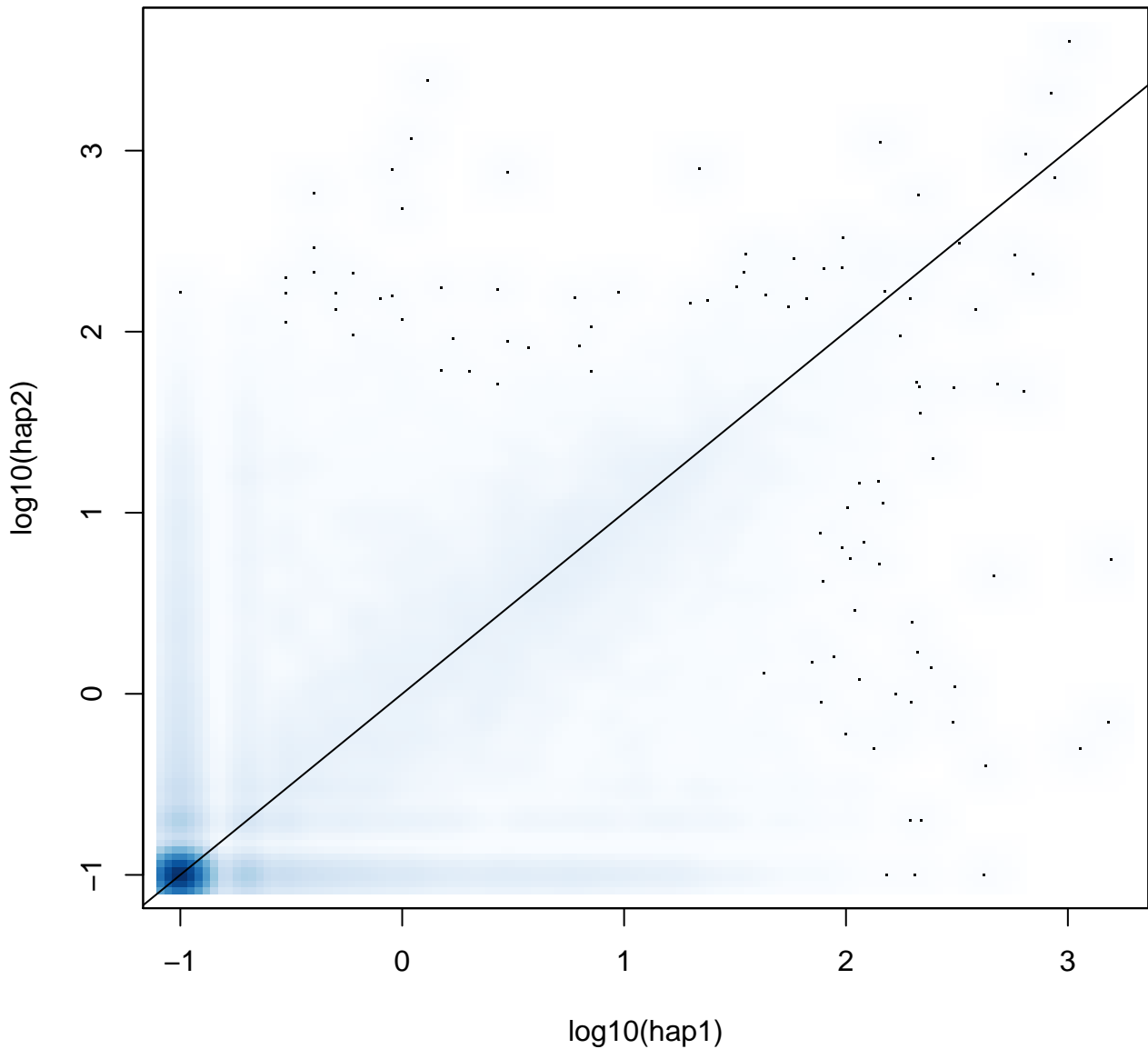
# HG00335: compare hap1 vs hap2 counts



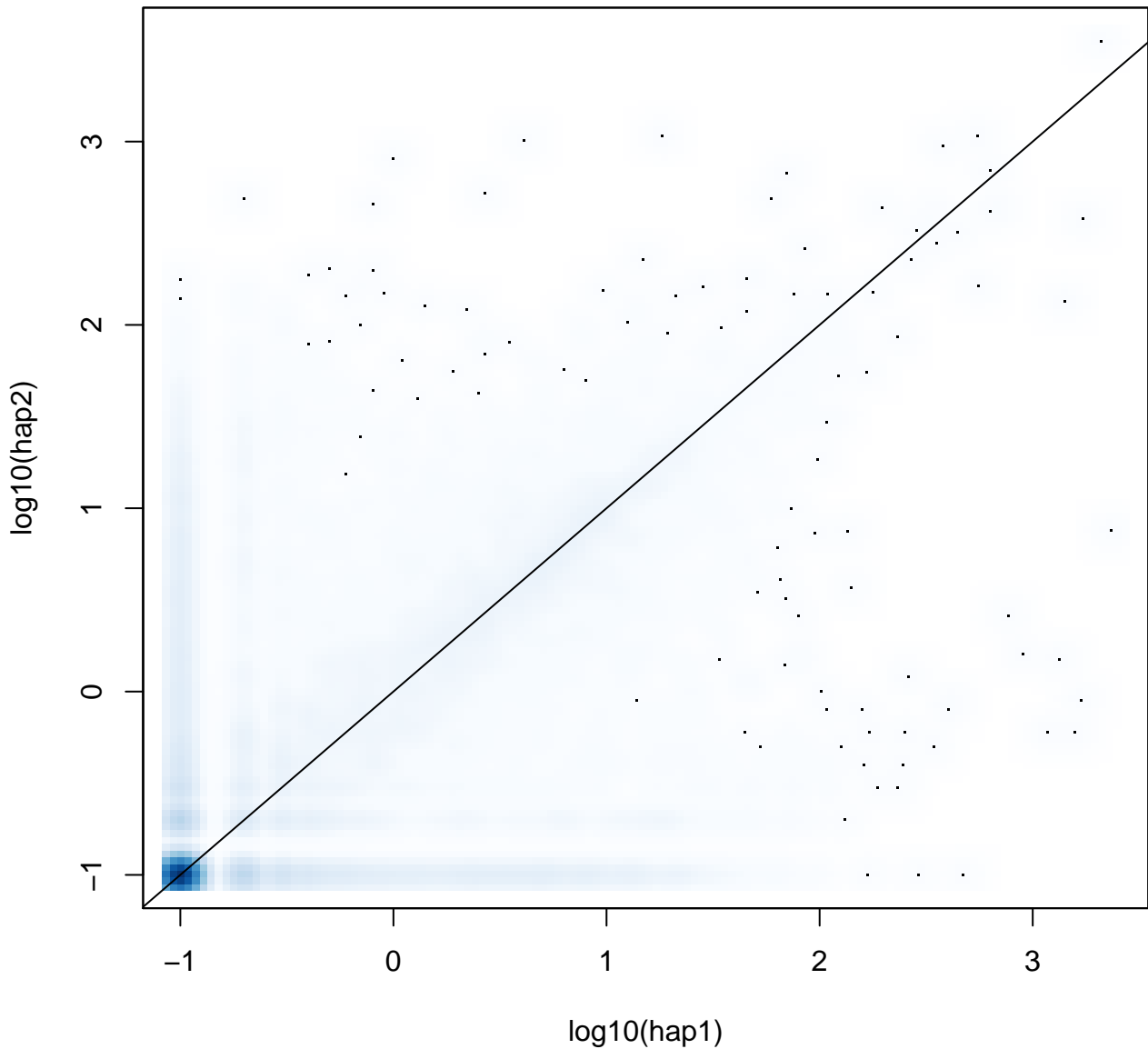
# HG00336: compare hap1 vs hap2 counts



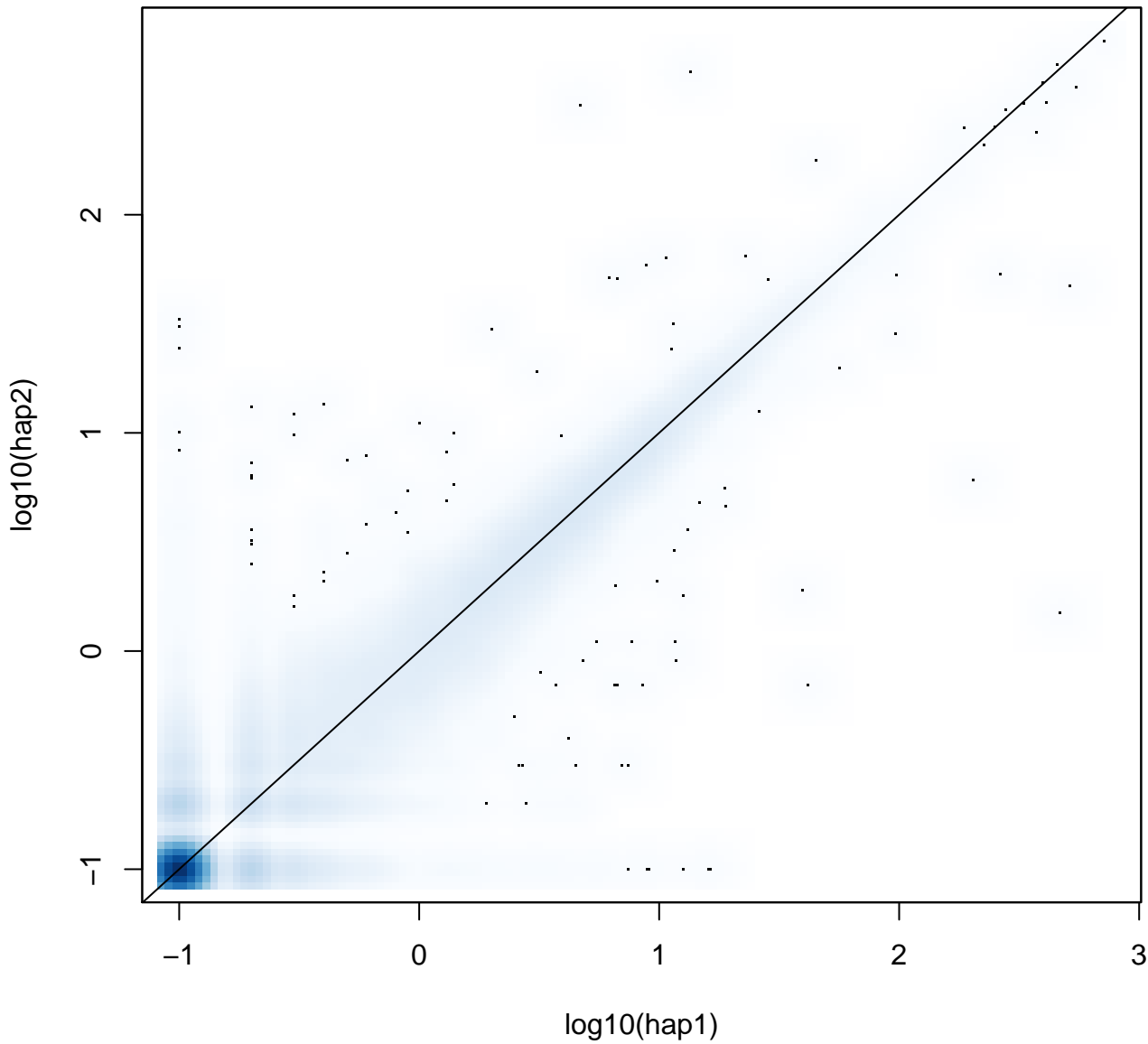
# HG00337: compare hap1 vs hap2 counts



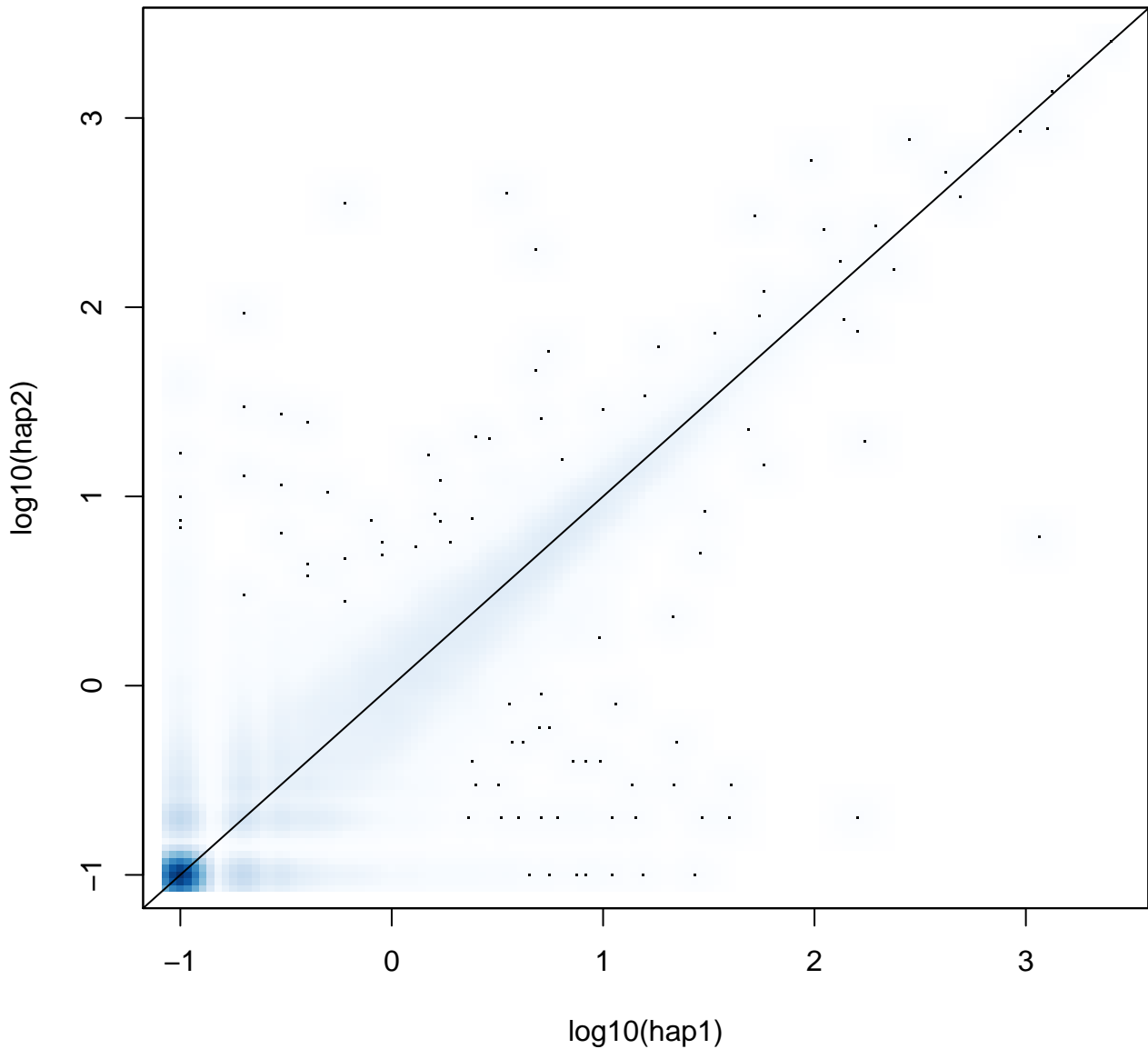
# HG00338: compare hap1 vs hap2 counts



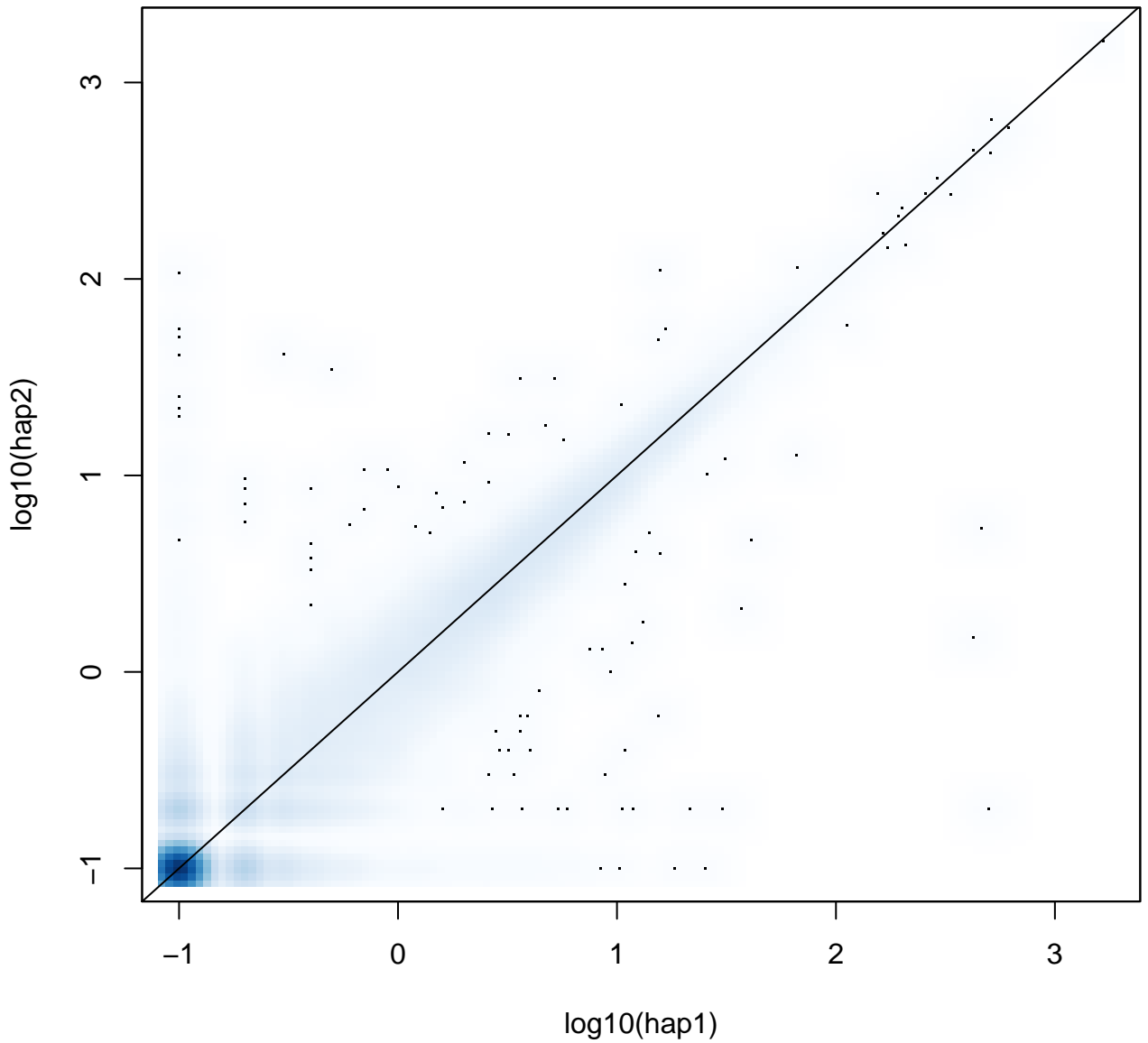
# HG00339: compare hap1 vs hap2 counts



# HG00341: compare hap1 vs hap2 counts

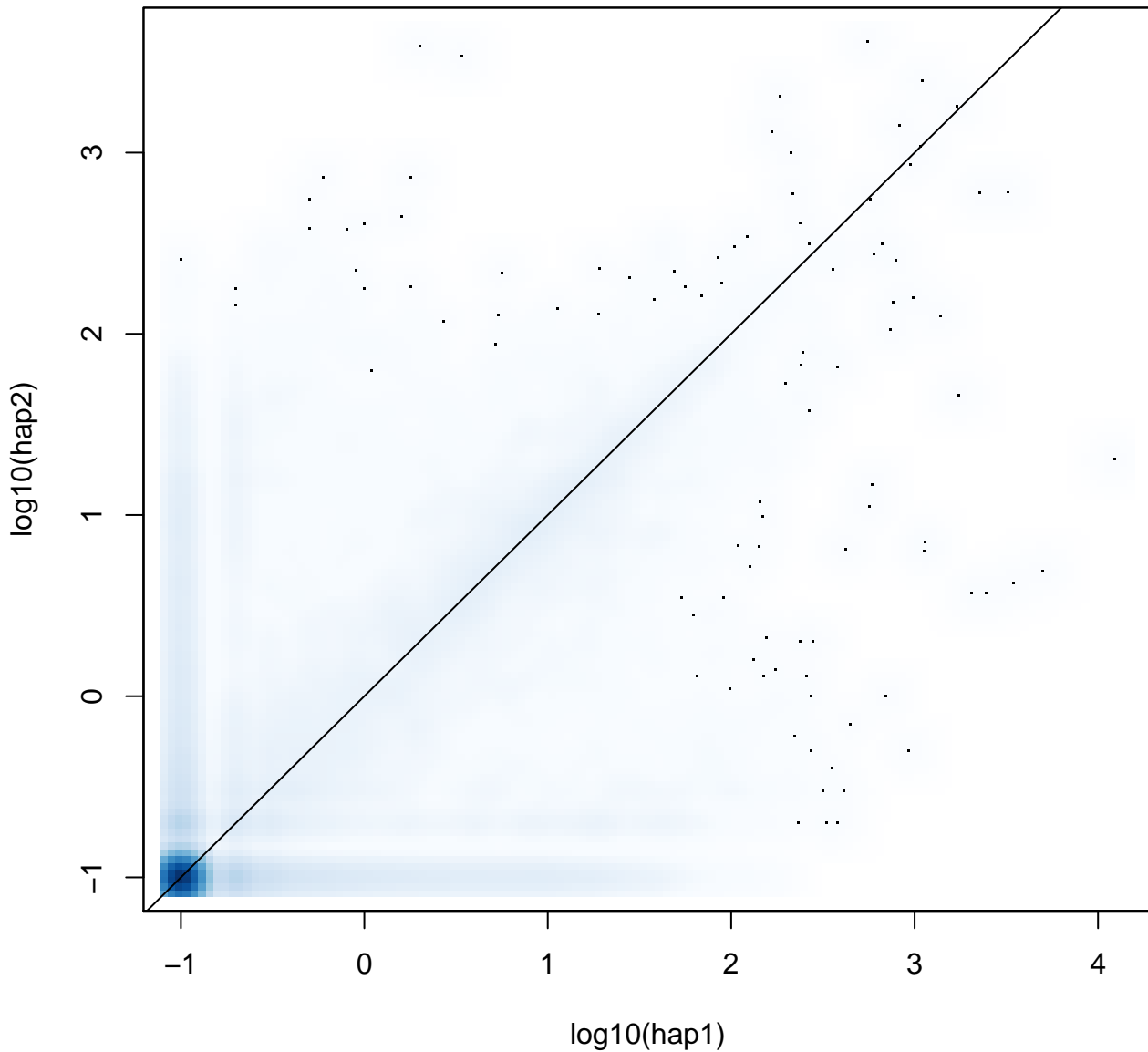


# HG00342: compare hap1 vs hap2 counts

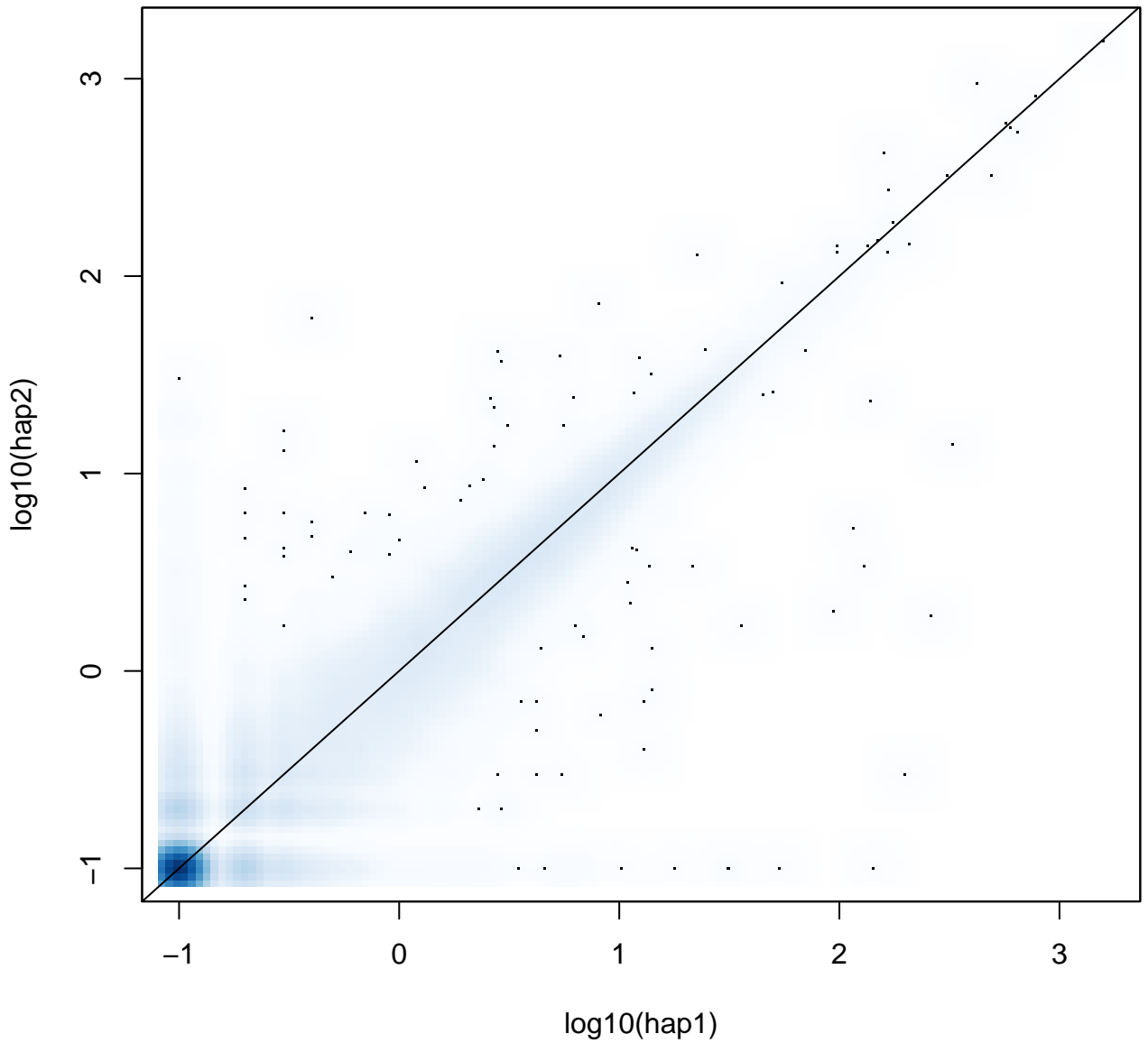




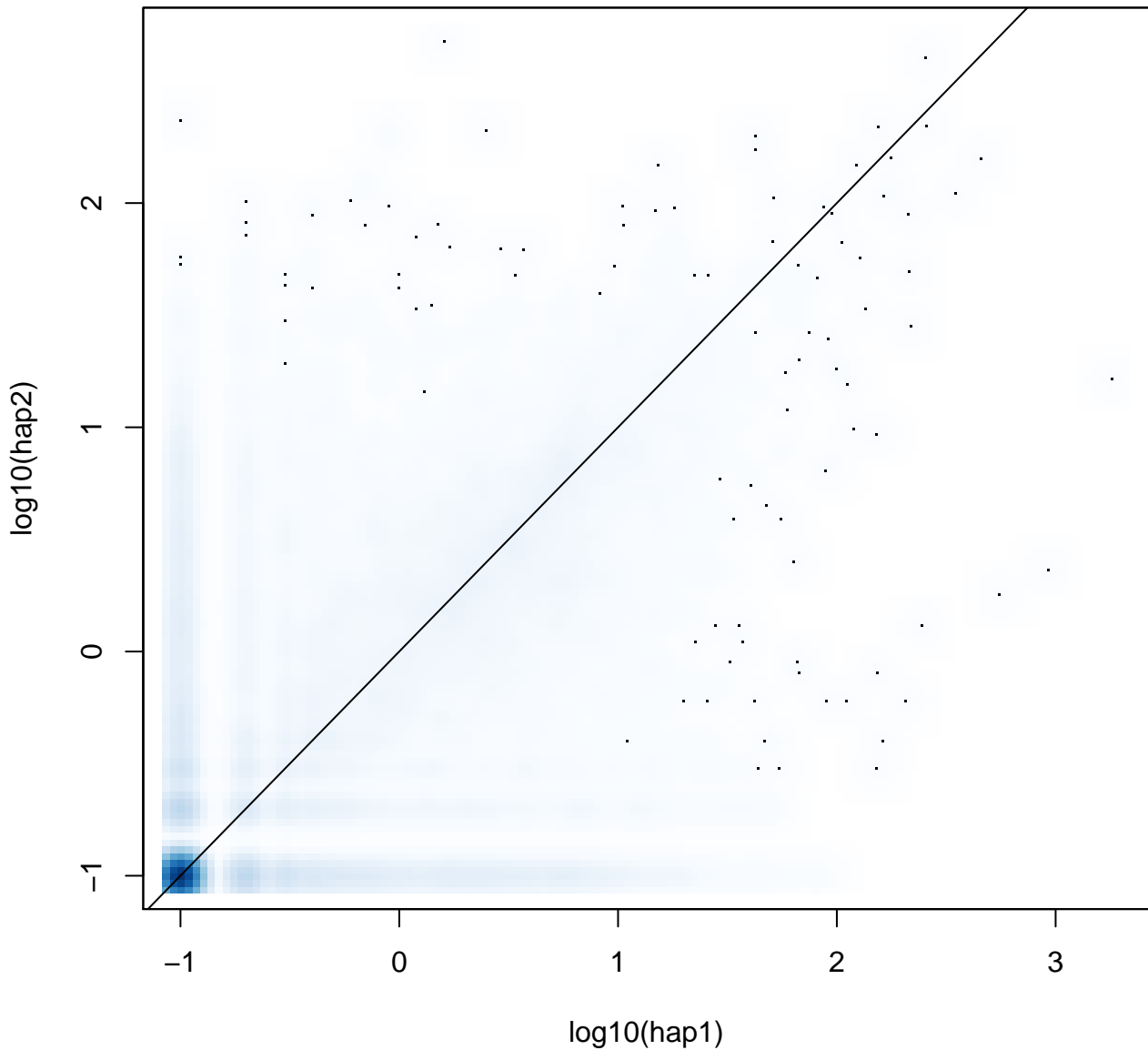
# HG00343: compare hap1 vs hap2 counts



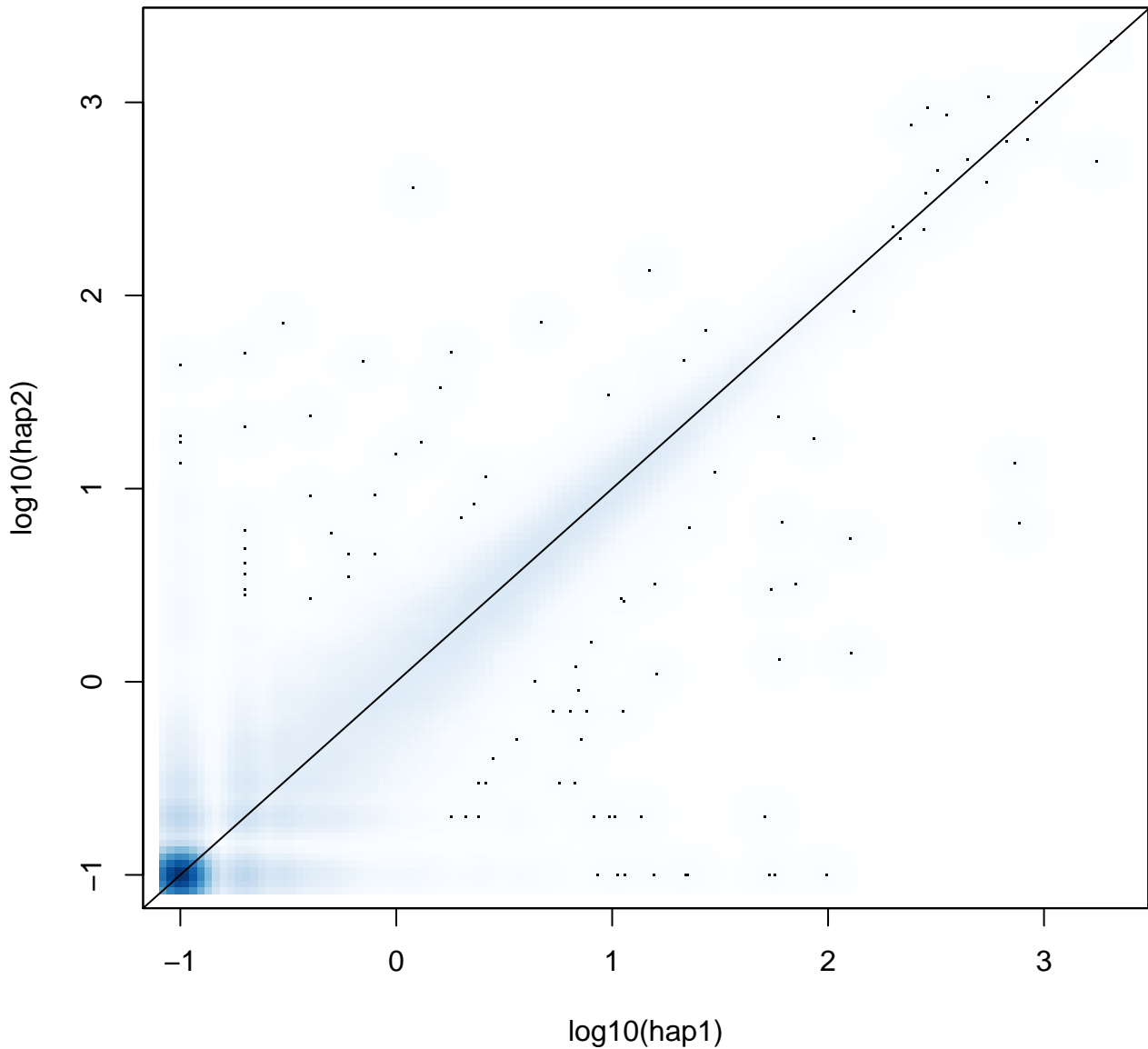
# HG00344: compare hap1 vs hap2 counts



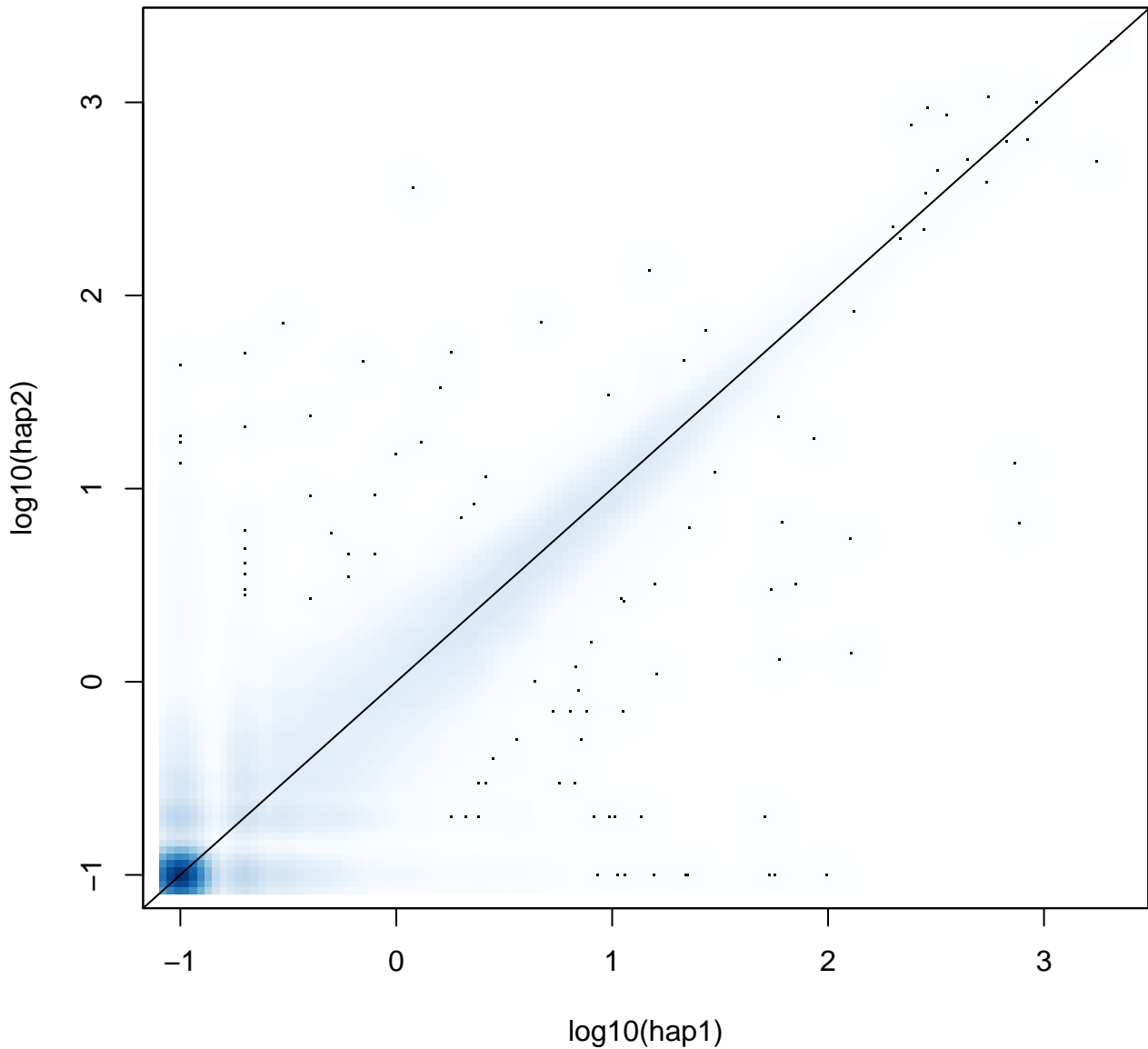
# HG00345: compare hap1 vs hap2 counts



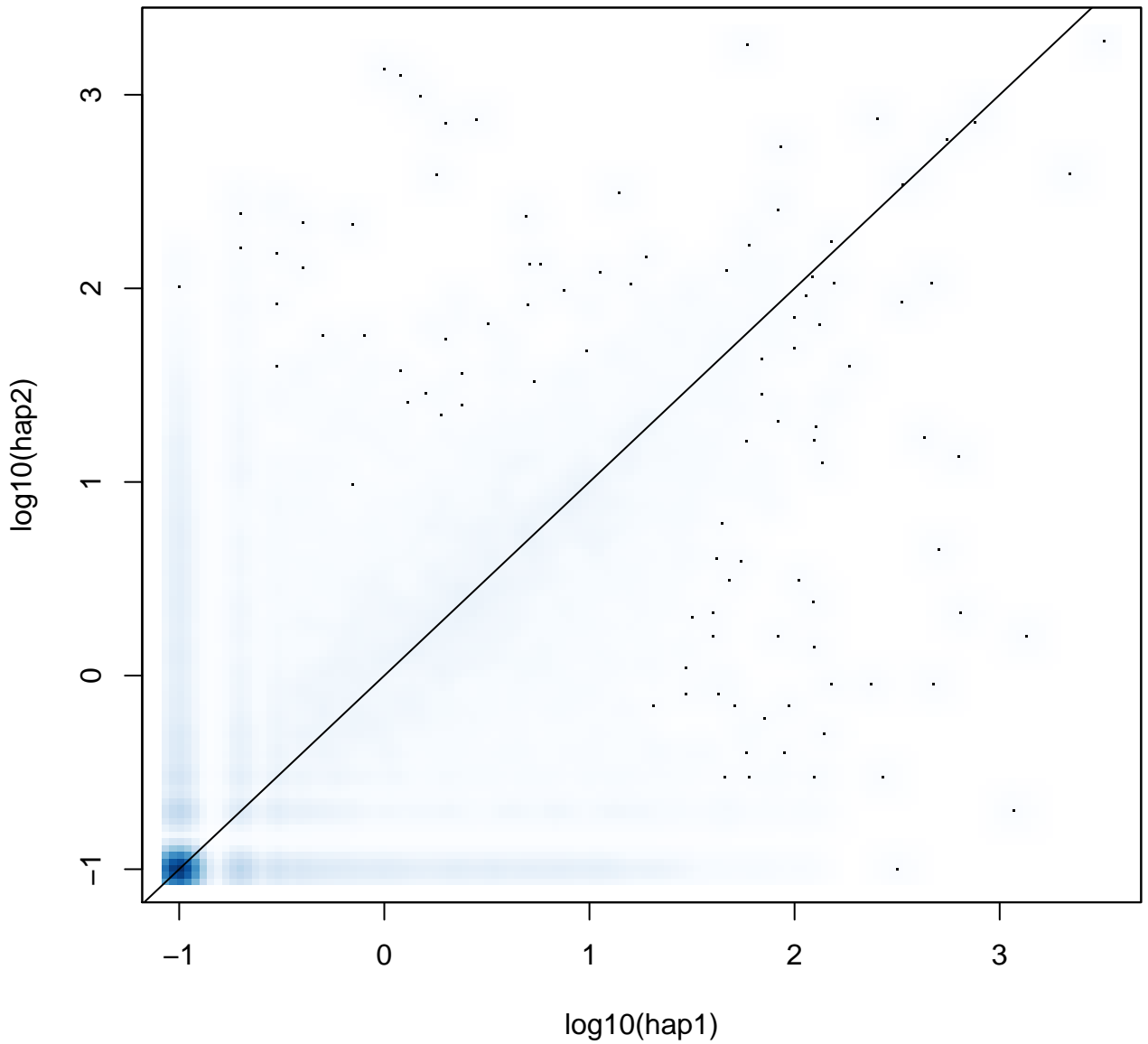
# HG00346: compare hap1 vs hap2 counts



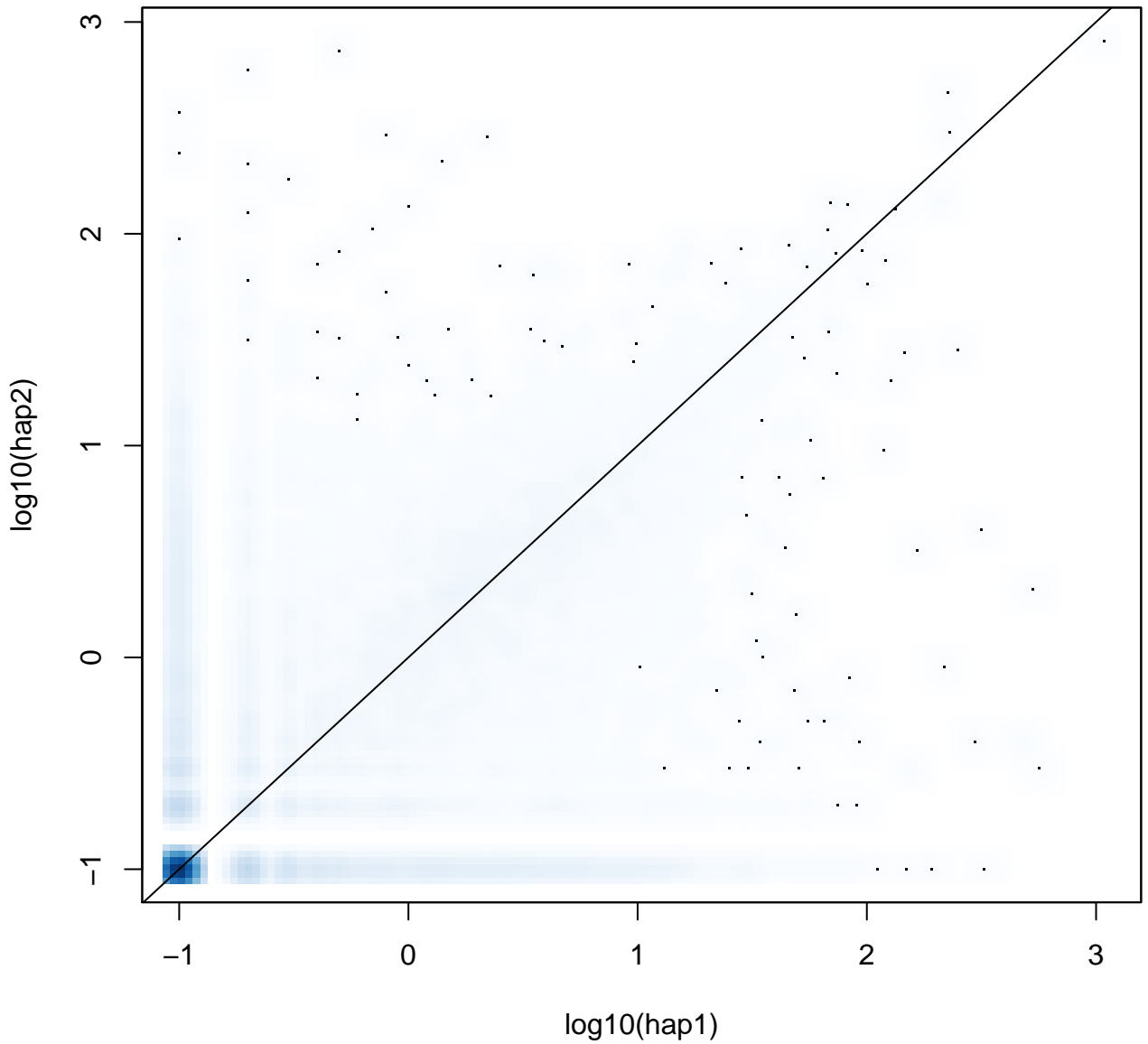
# HG00346: compare hap1 vs hap2 counts



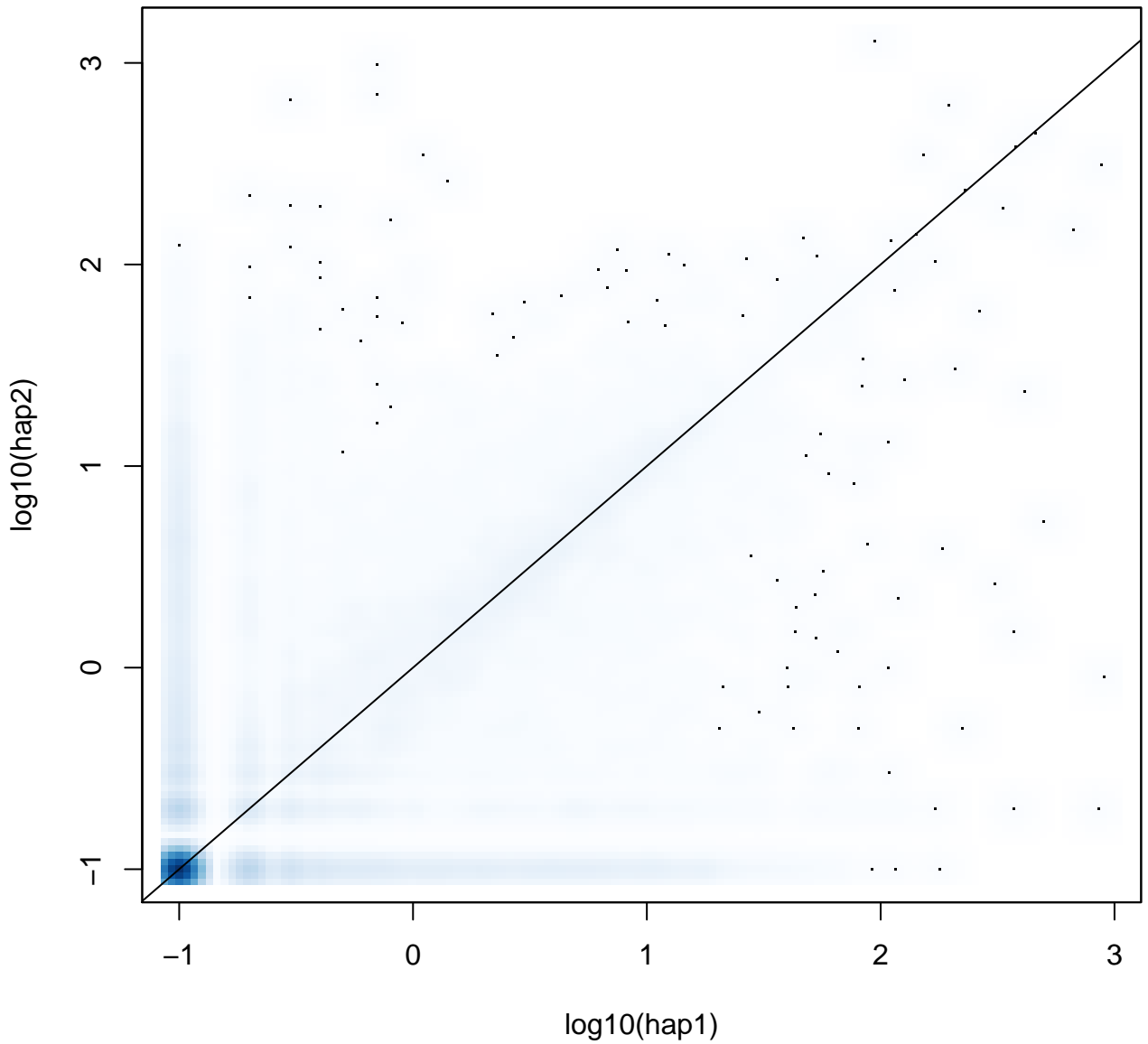
# HG00349: compare hap1 vs hap2 counts



# HG00350: compare hap1 vs hap2 counts

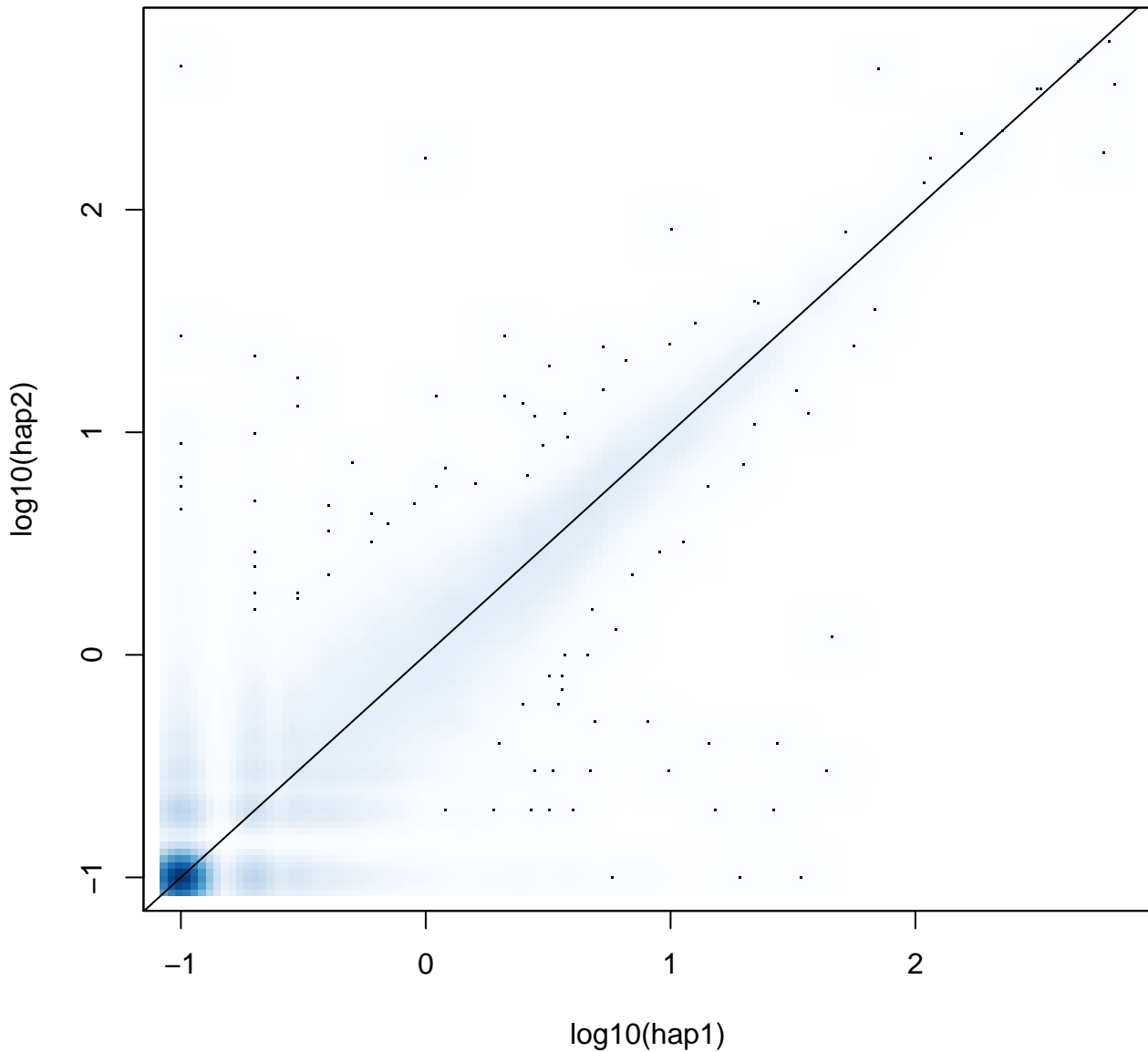


# HG00351: compare hap1 vs hap2 counts

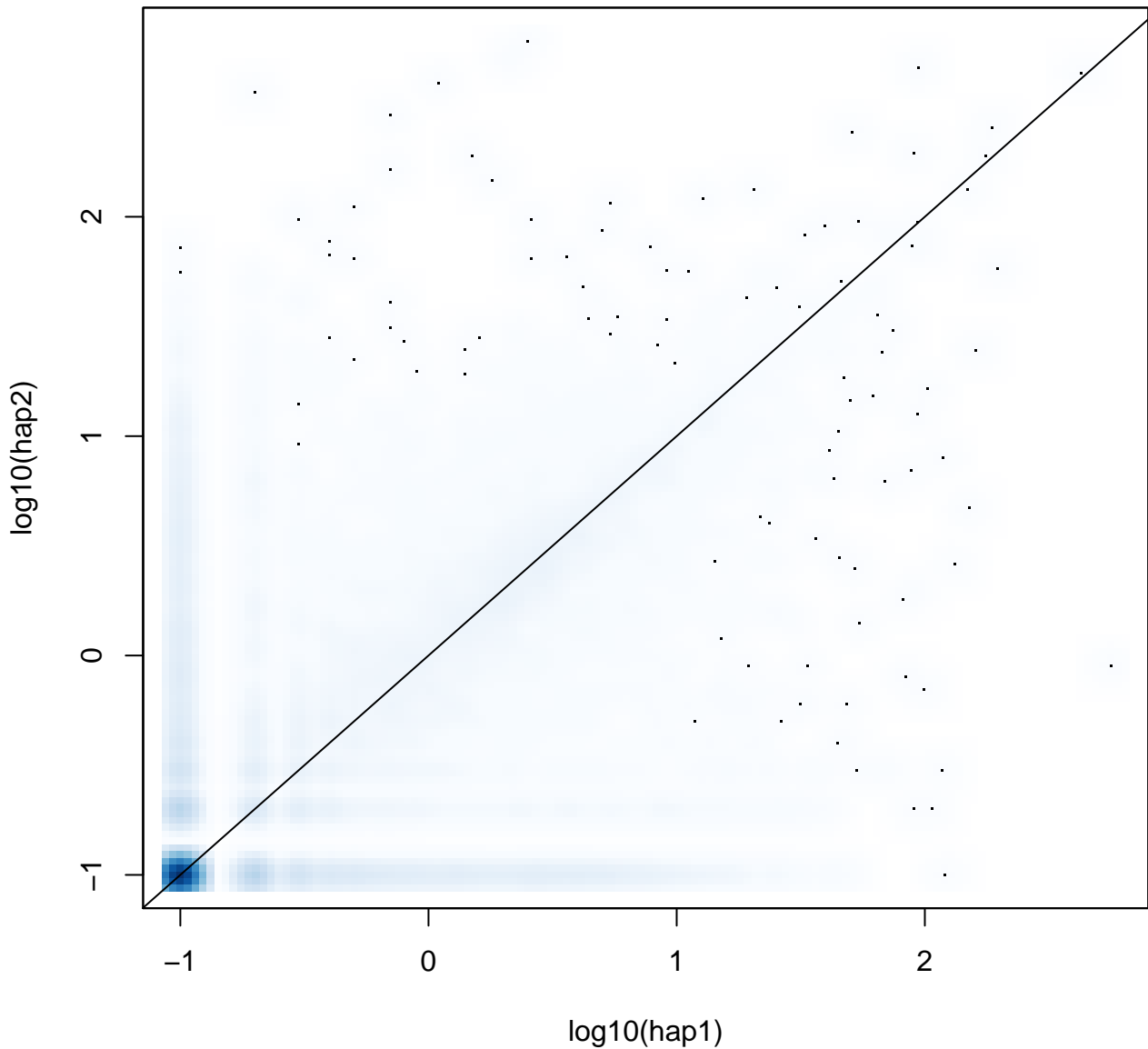




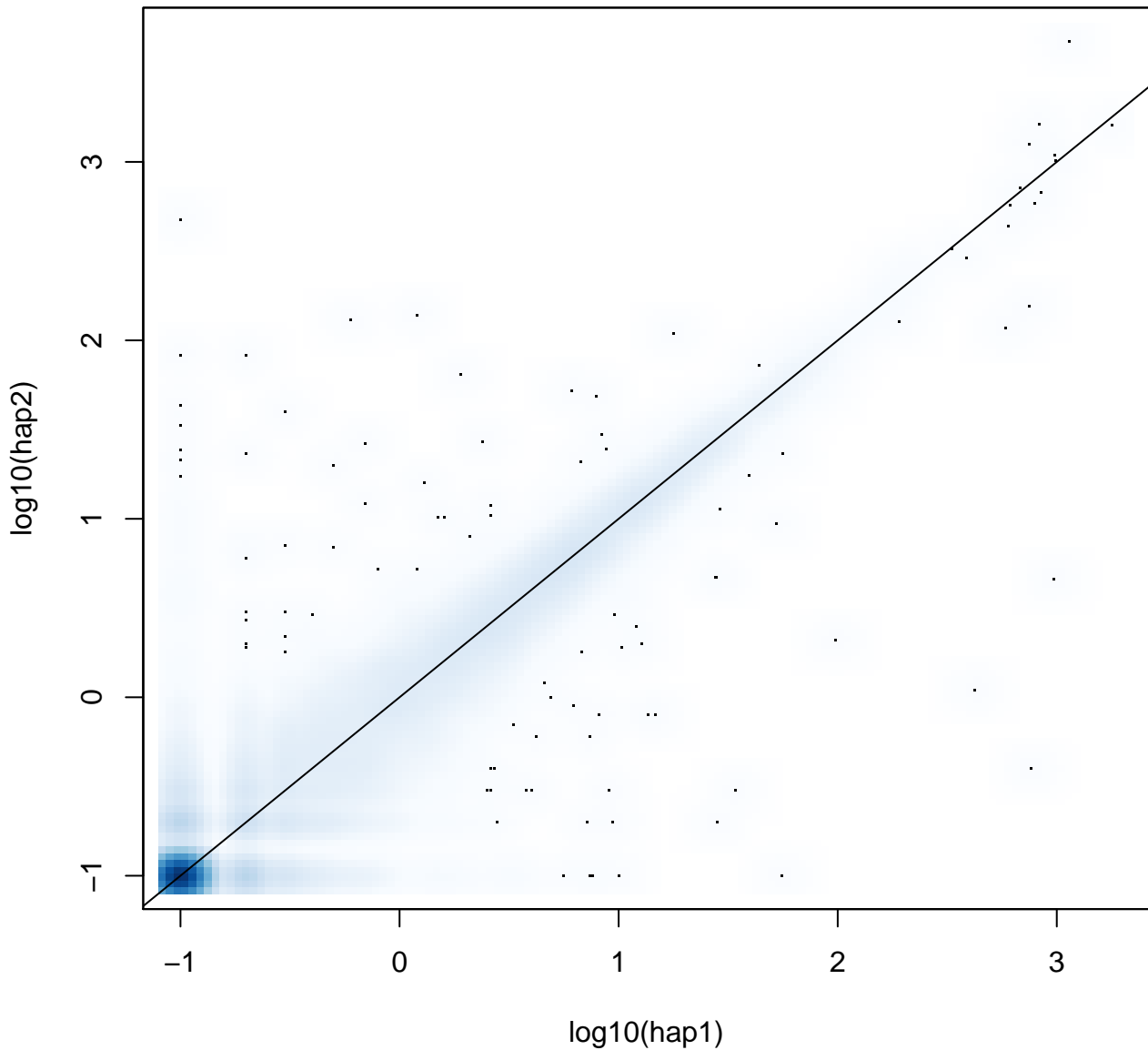
# HG00353: compare hap1 vs hap2 counts



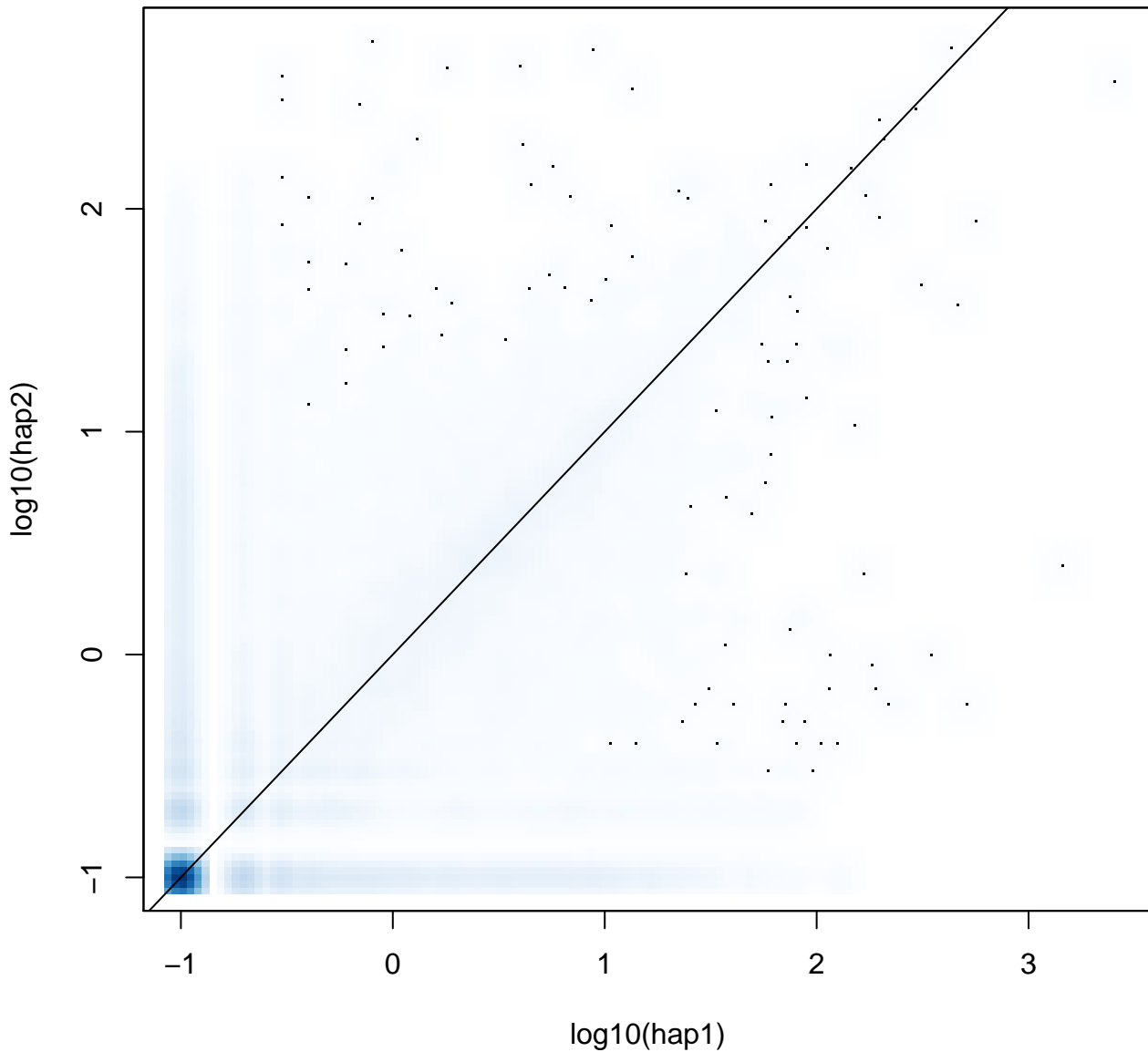
# HG00355: compare hap1 vs hap2 counts



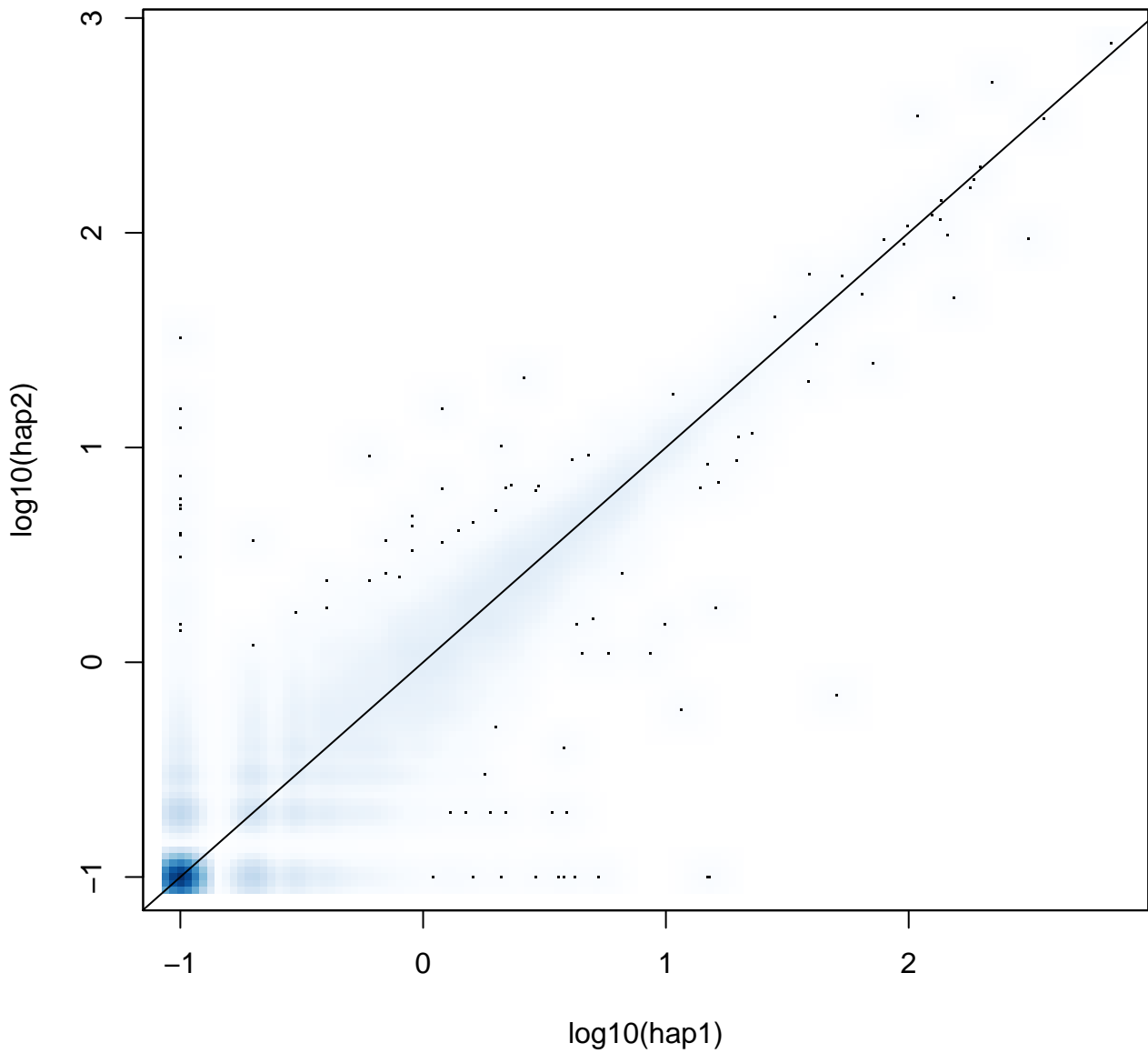
# HG00356: compare hap1 vs hap2 counts



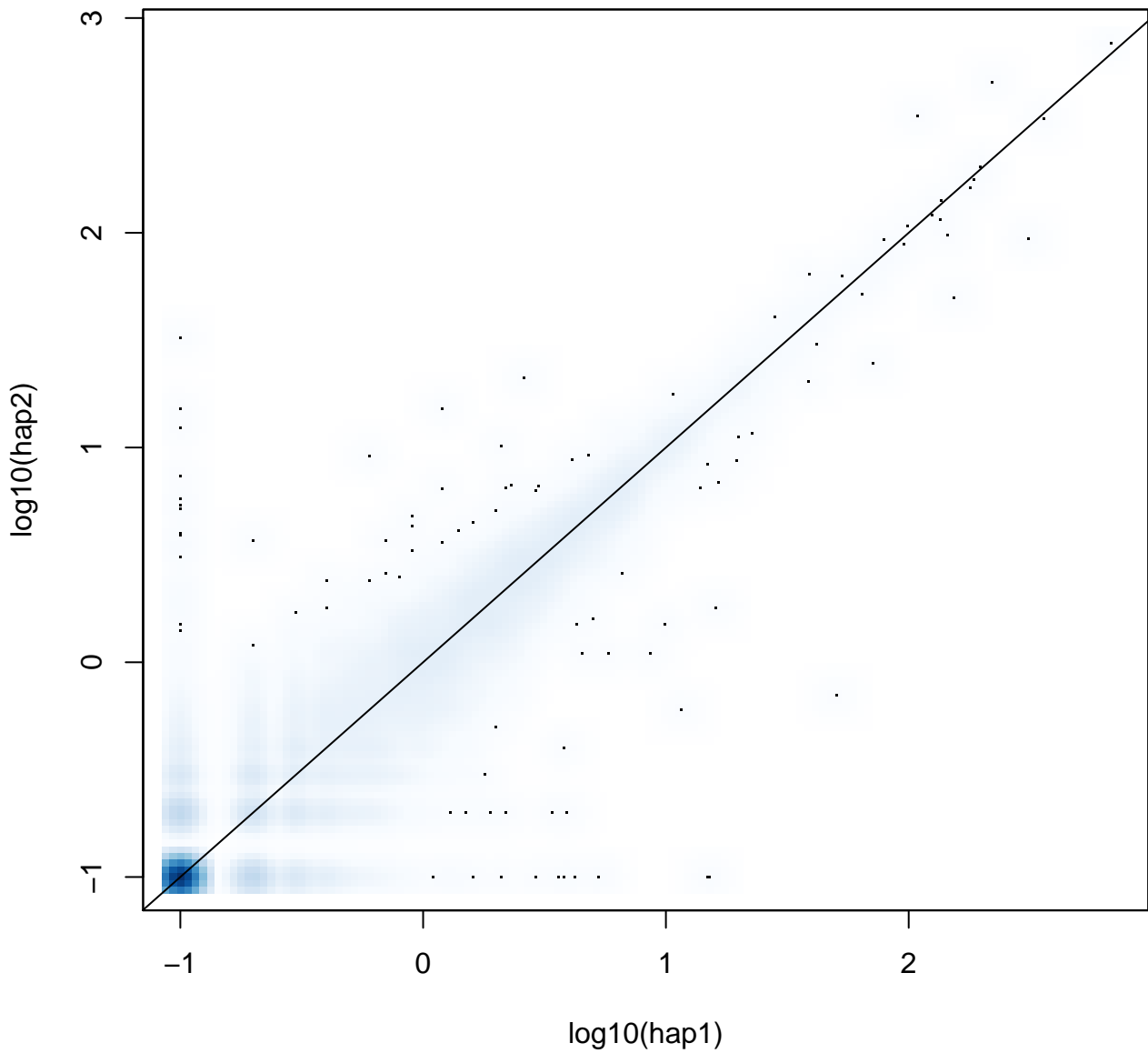
# HG00358: compare hap1 vs hap2 counts



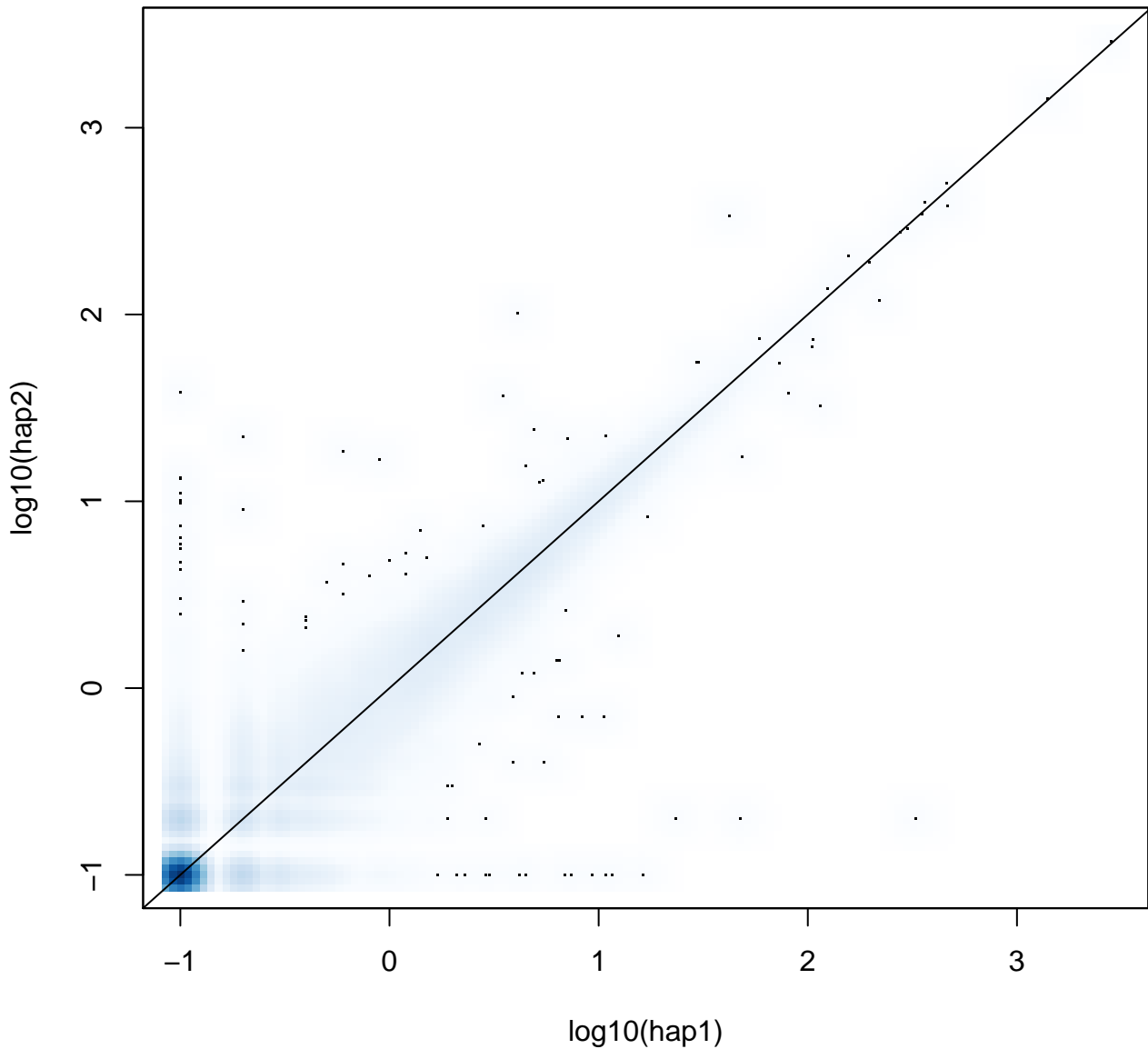
# HG00359: compare hap1 vs hap2 counts



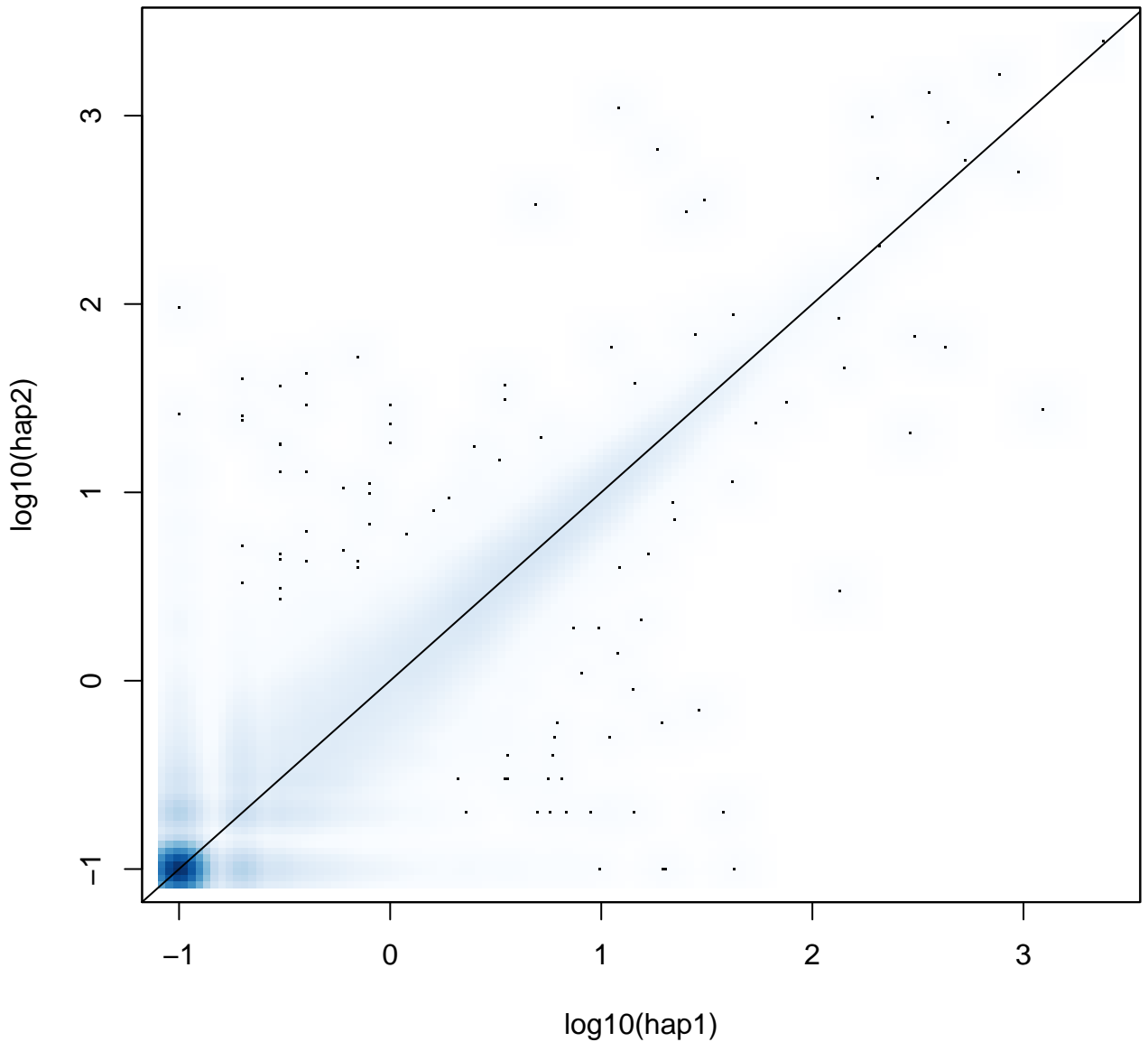
# HG00359: compare hap1 vs hap2 counts



# HG00360: compare hap1 vs hap2 counts

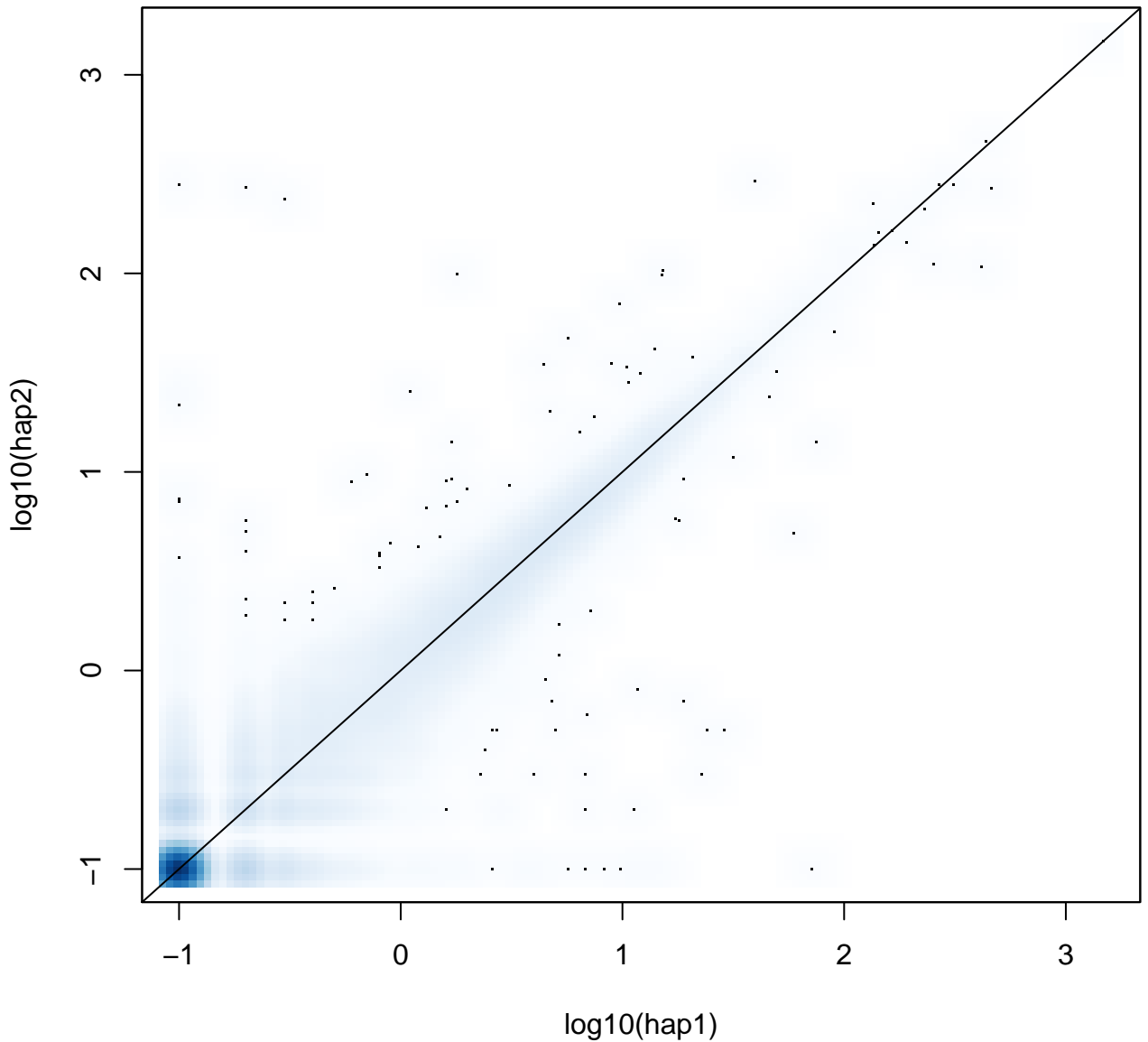


# HG00361: compare hap1 vs hap2 counts

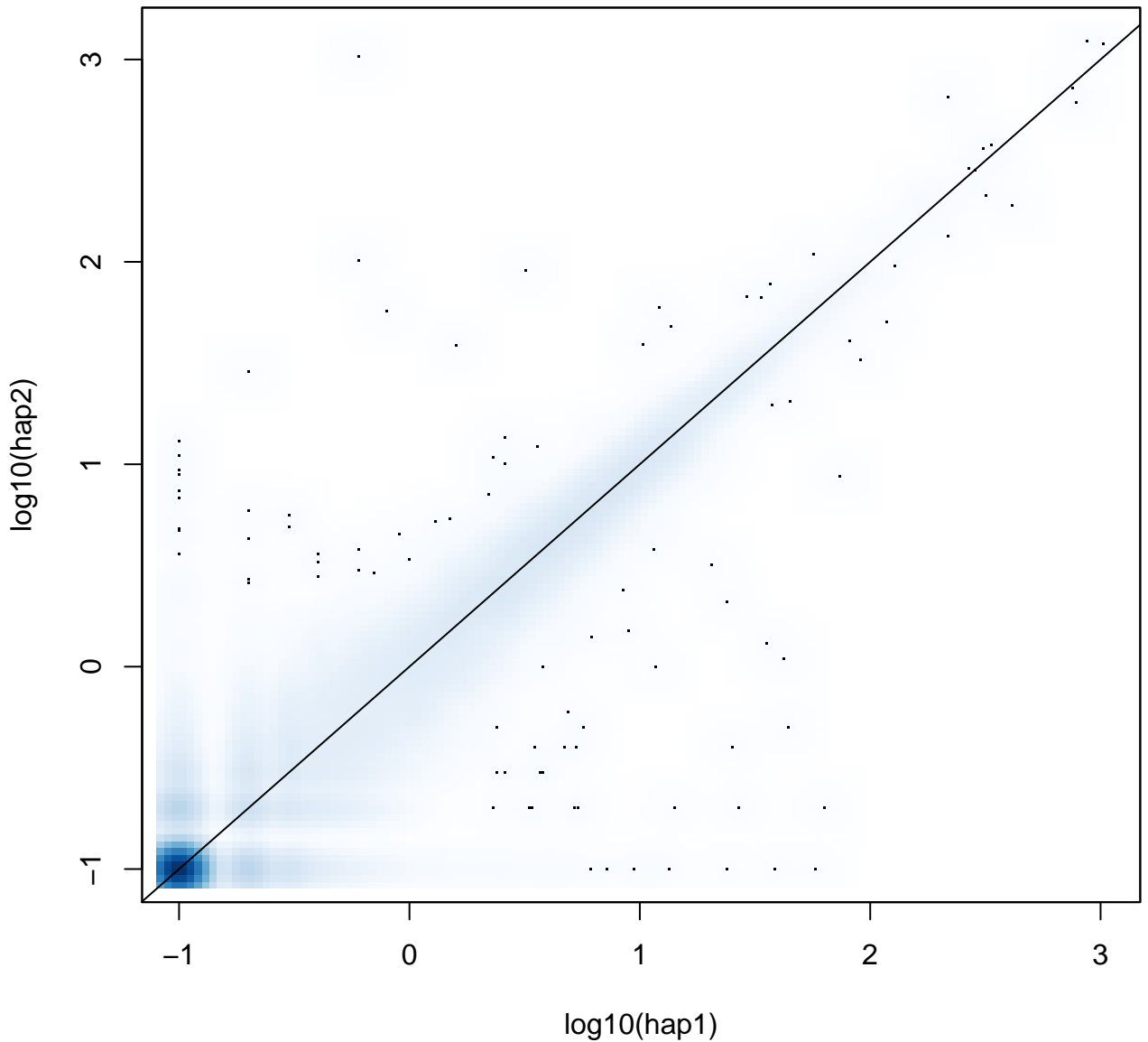




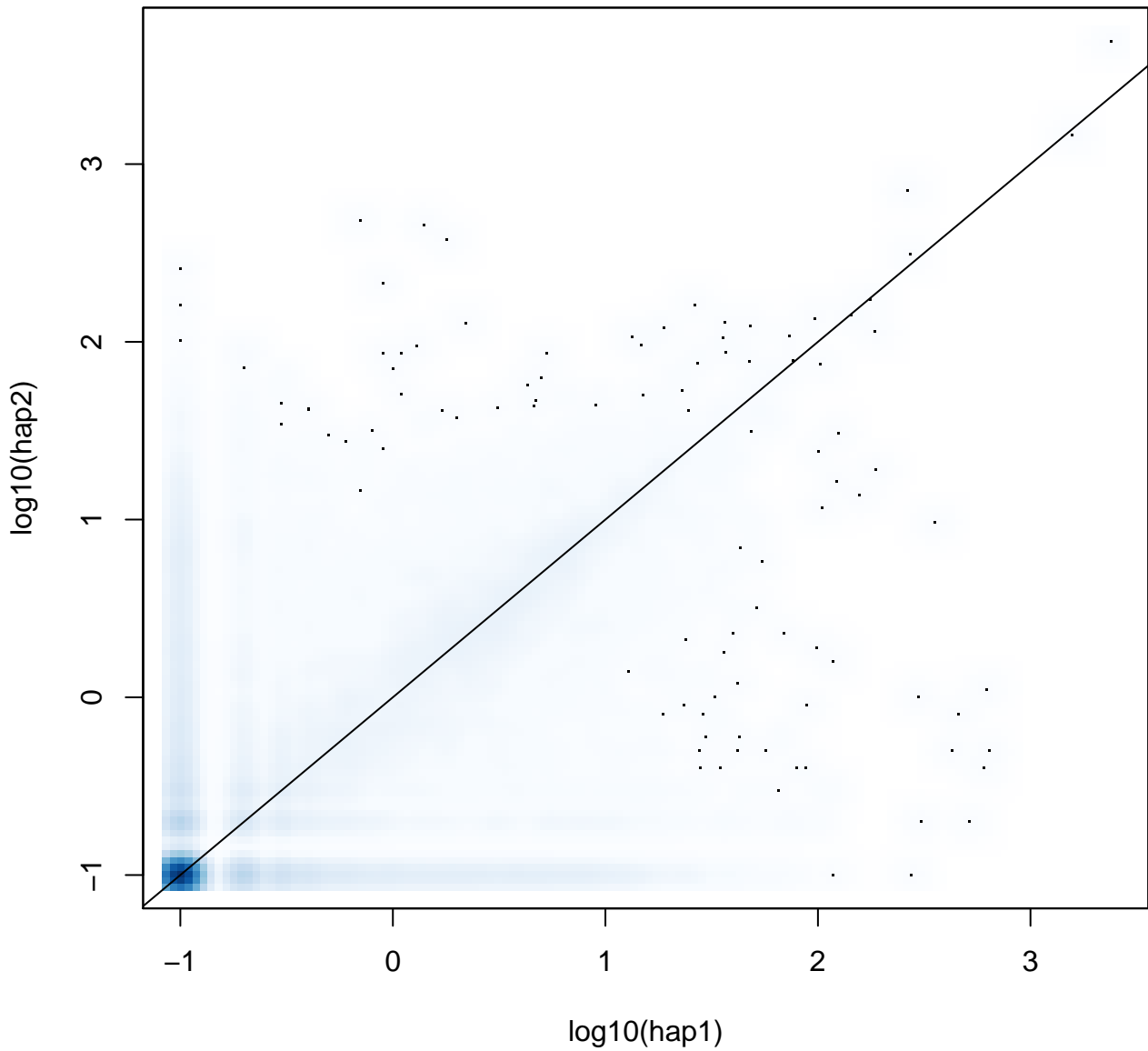
# HG00362: compare hap1 vs hap2 counts



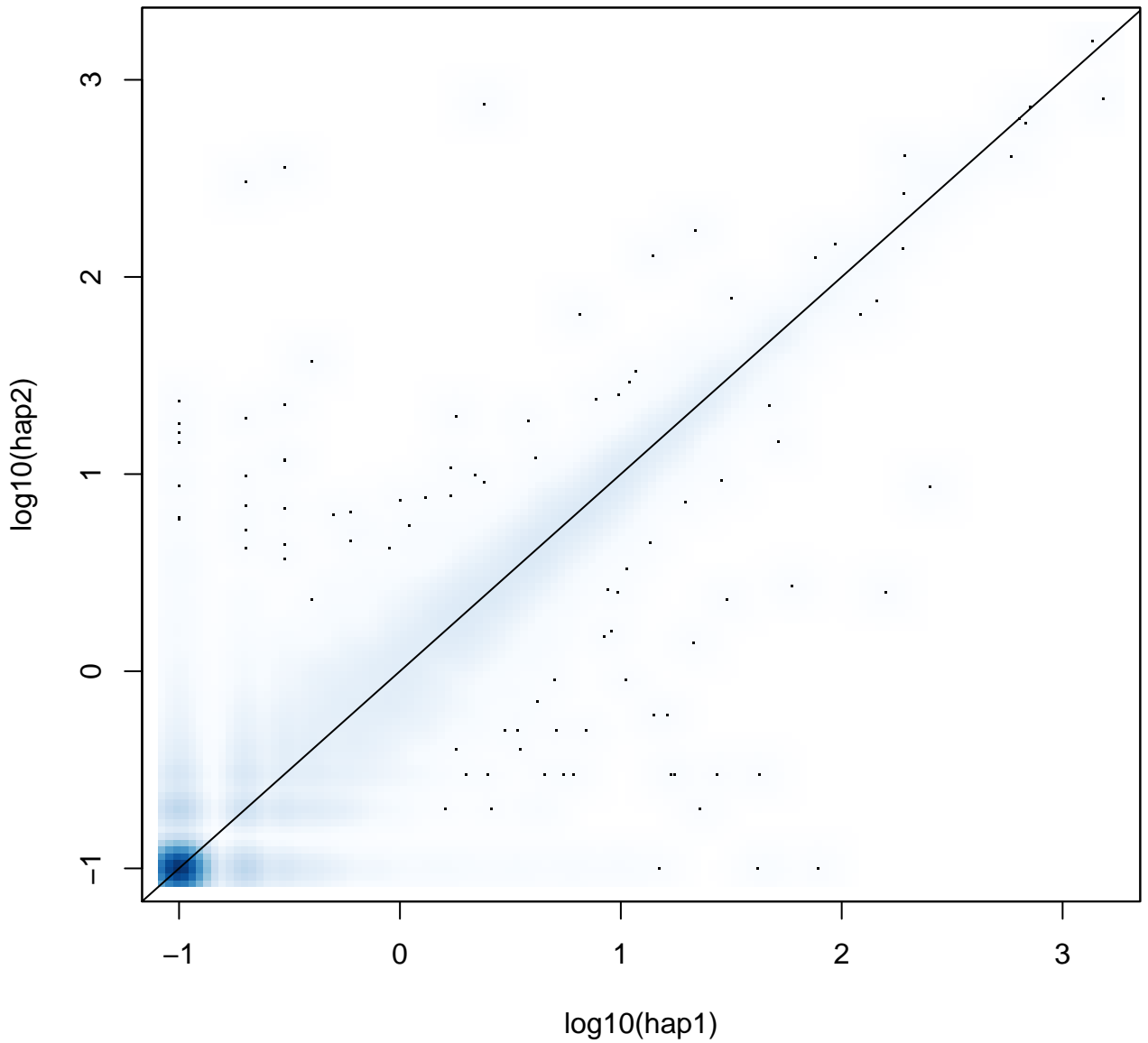
# HG00364: compare hap1 vs hap2 counts



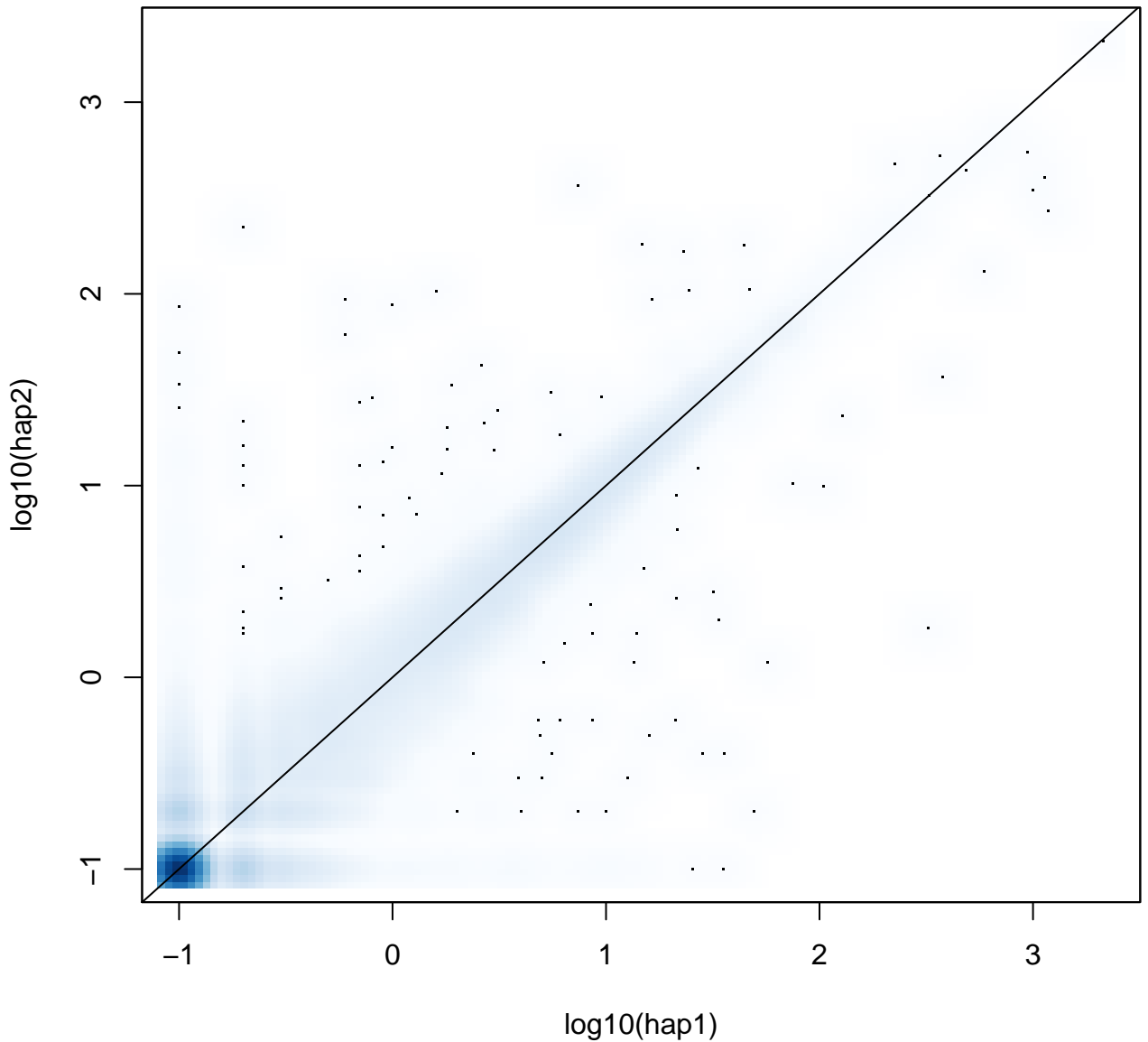
# HG00366: compare hap1 vs hap2 counts



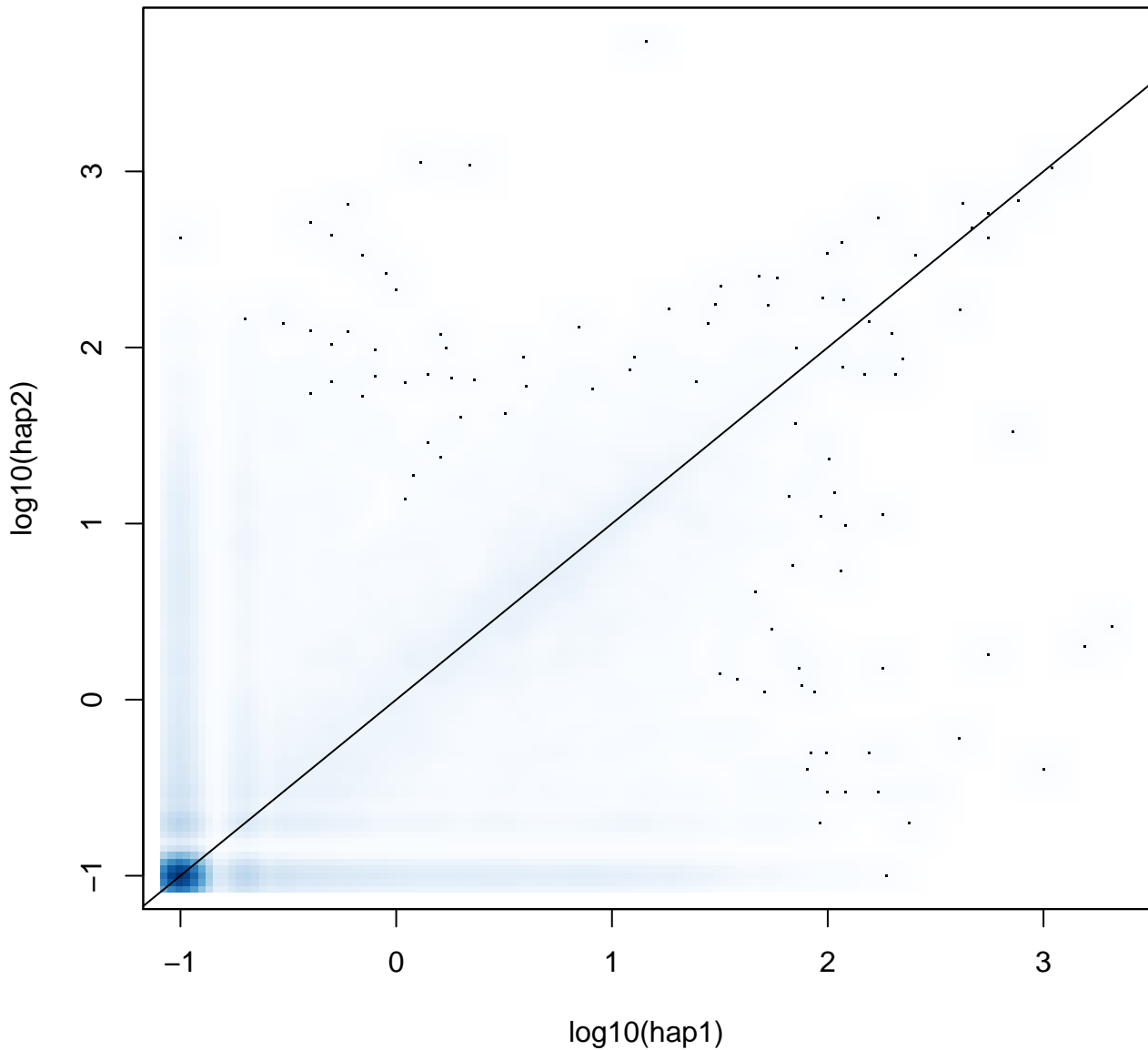
# HG00367: compare hap1 vs hap2 counts



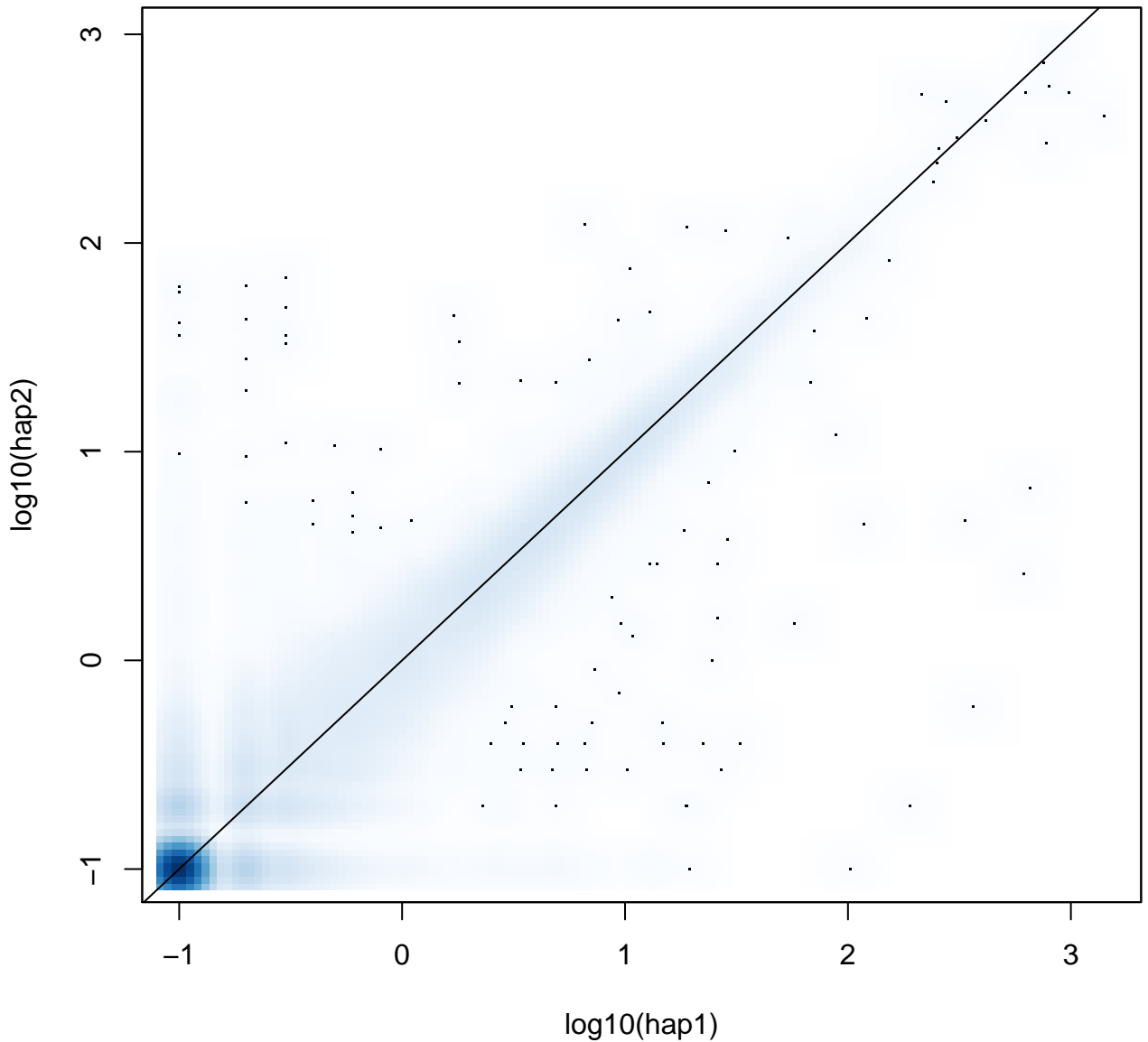
# HG00369: compare hap1 vs hap2 counts



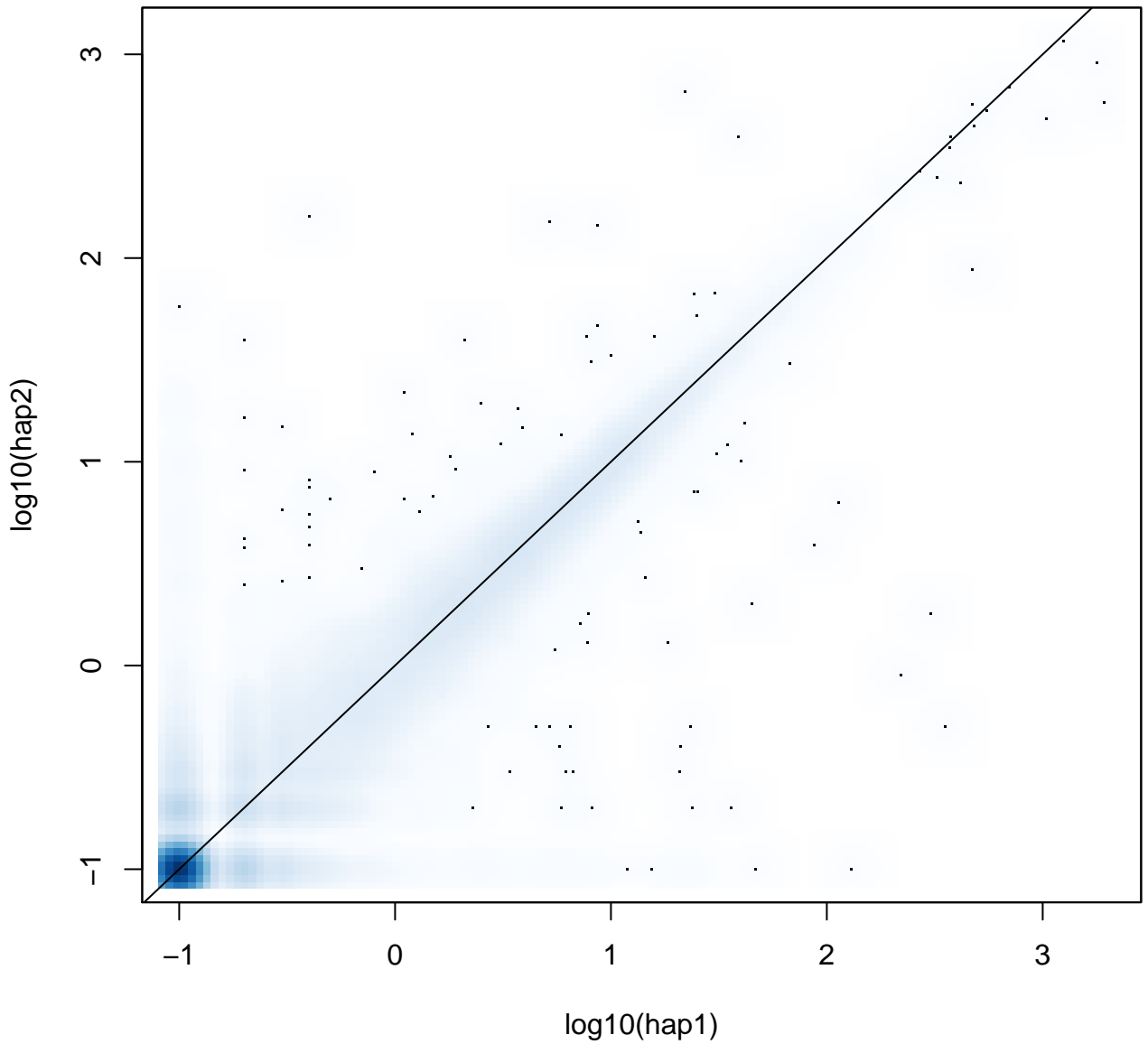
# HG00372: compare hap1 vs hap2 counts



# HG00373: compare hap1 vs hap2 counts

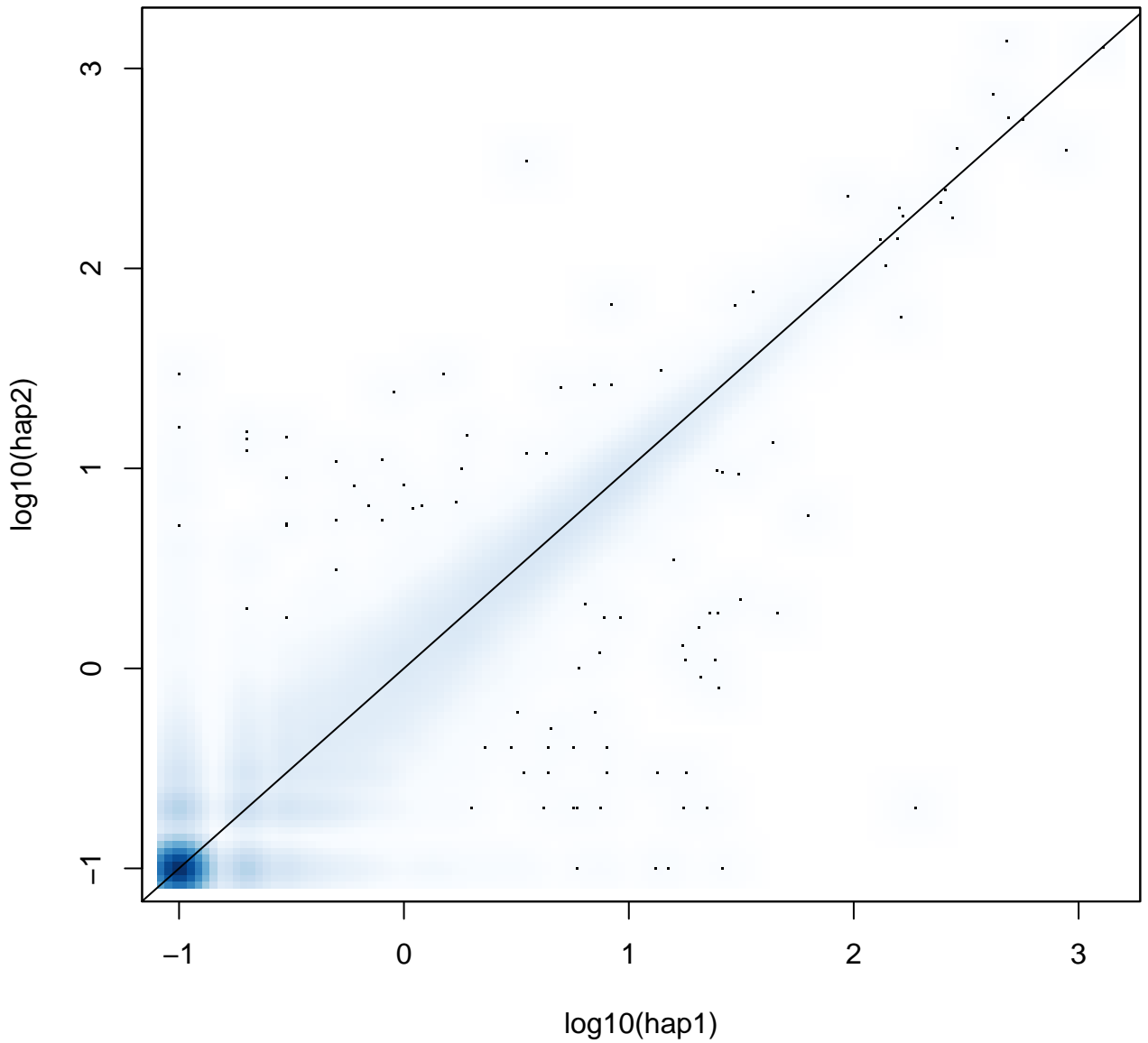


# HG00375: compare hap1 vs hap2 counts

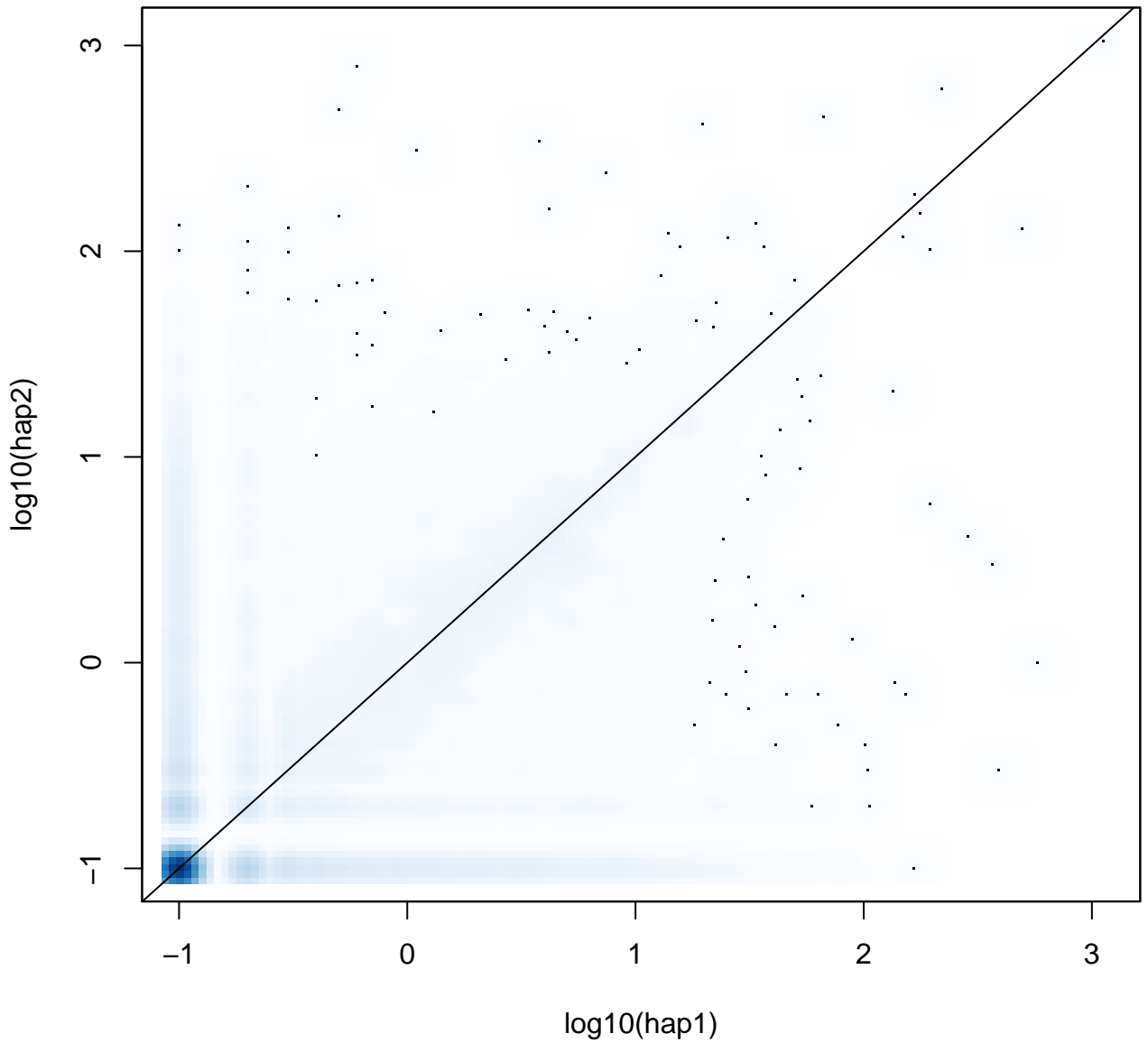




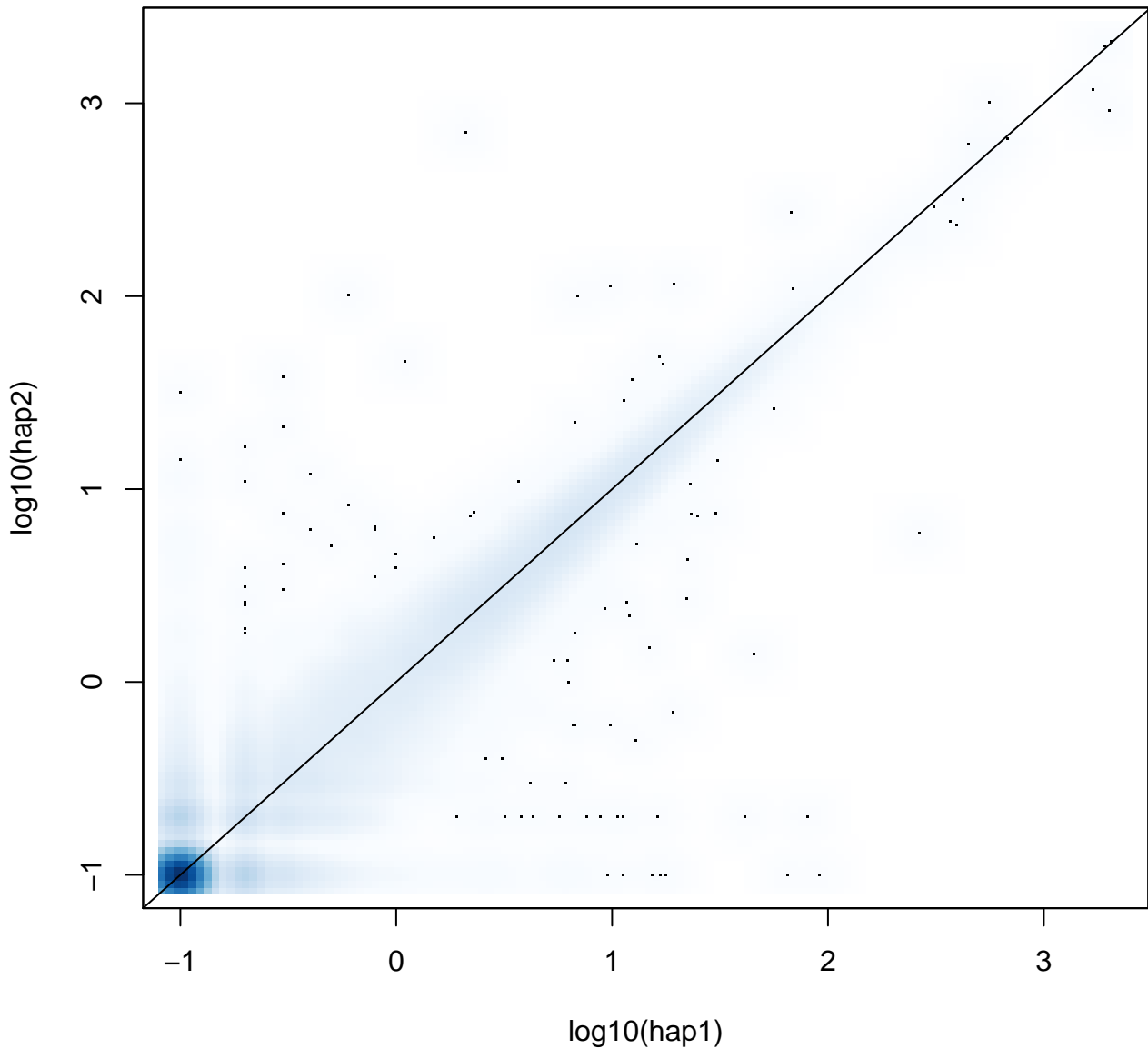
# HG00376: compare hap1 vs hap2 counts



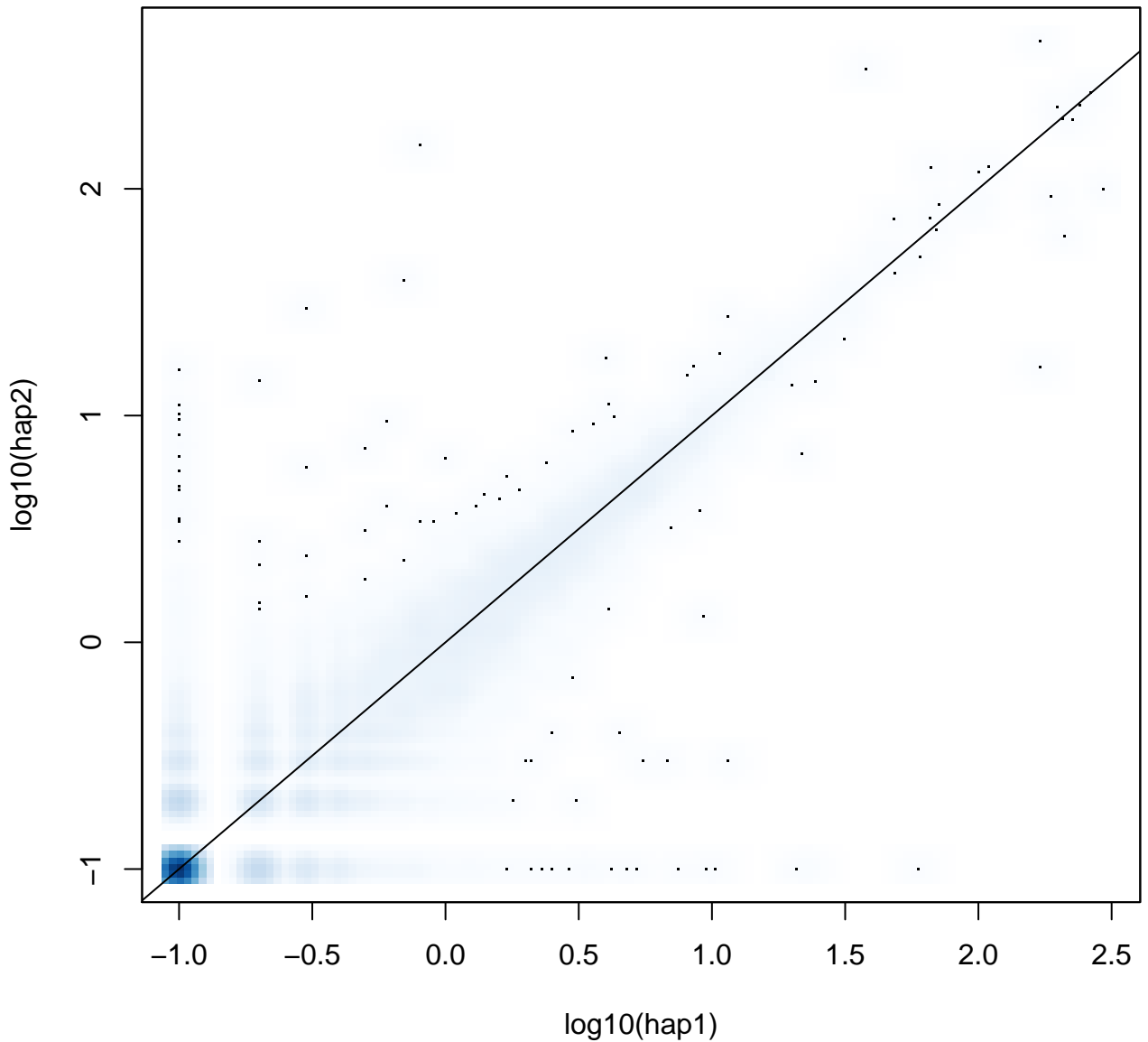
# HG00377: compare hap1 vs hap2 counts



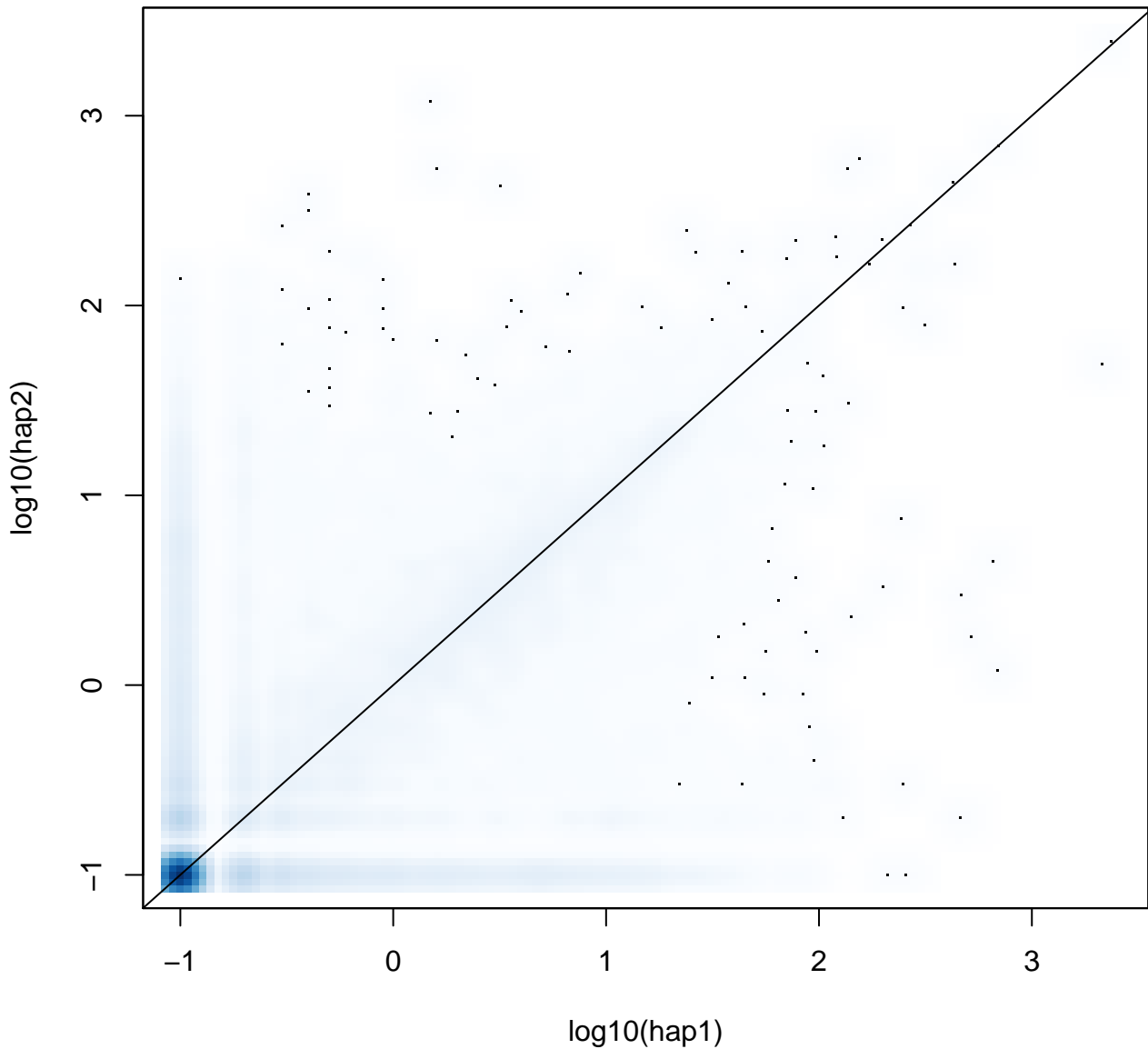
# HG00378: compare hap1 vs hap2 counts



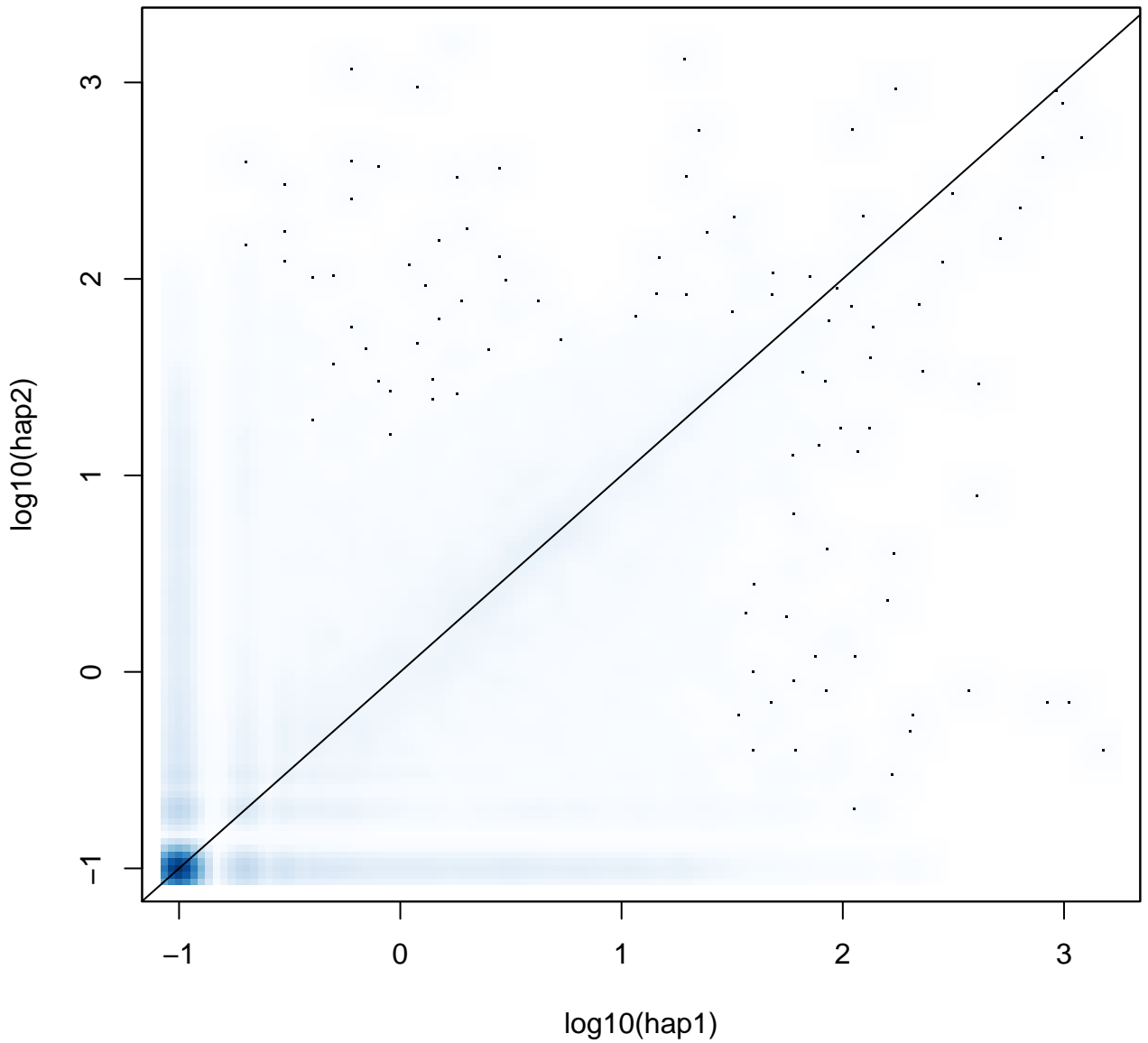
# HG00381: compare hap1 vs hap2 counts



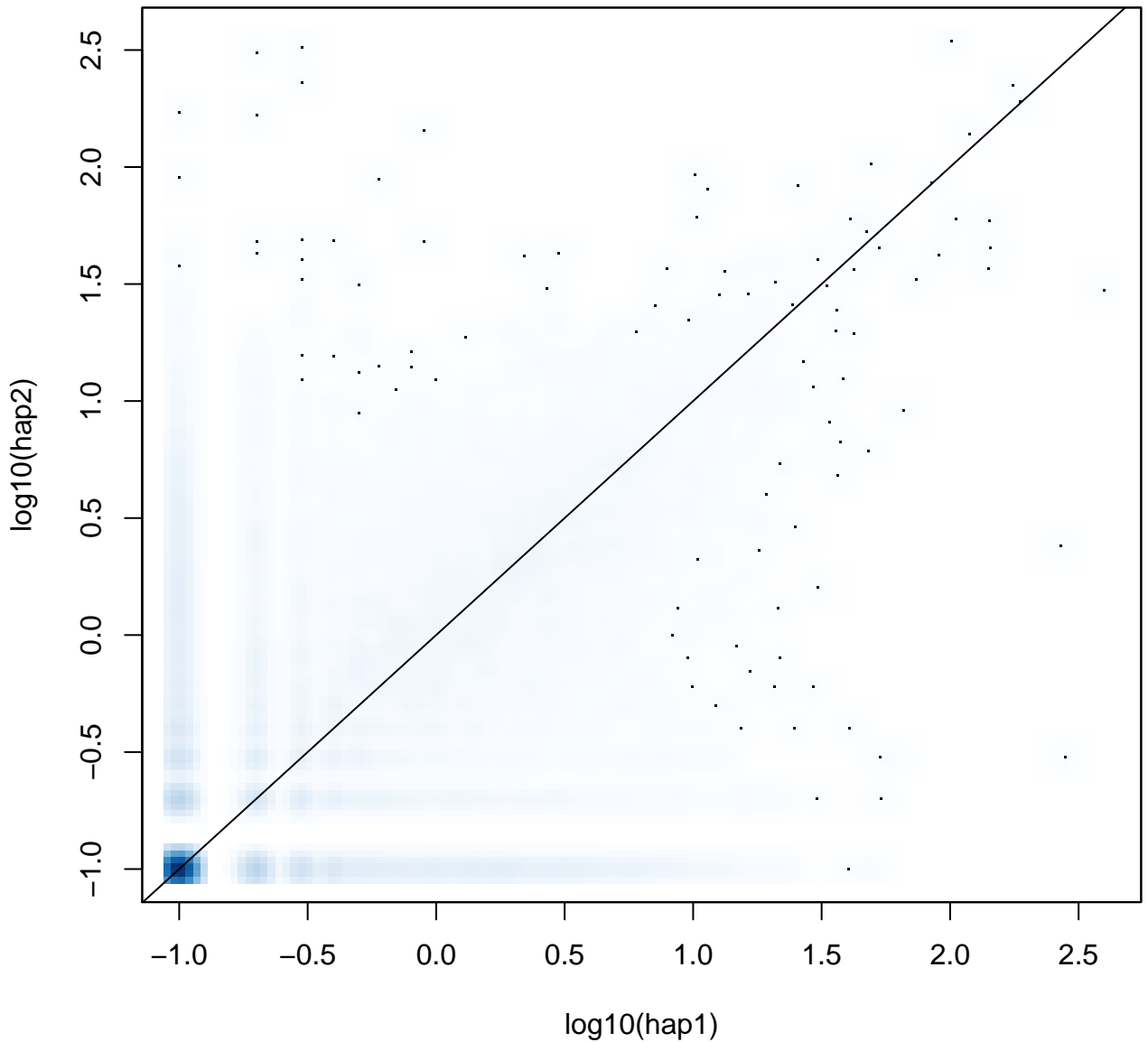
# HG00382: compare hap1 vs hap2 counts



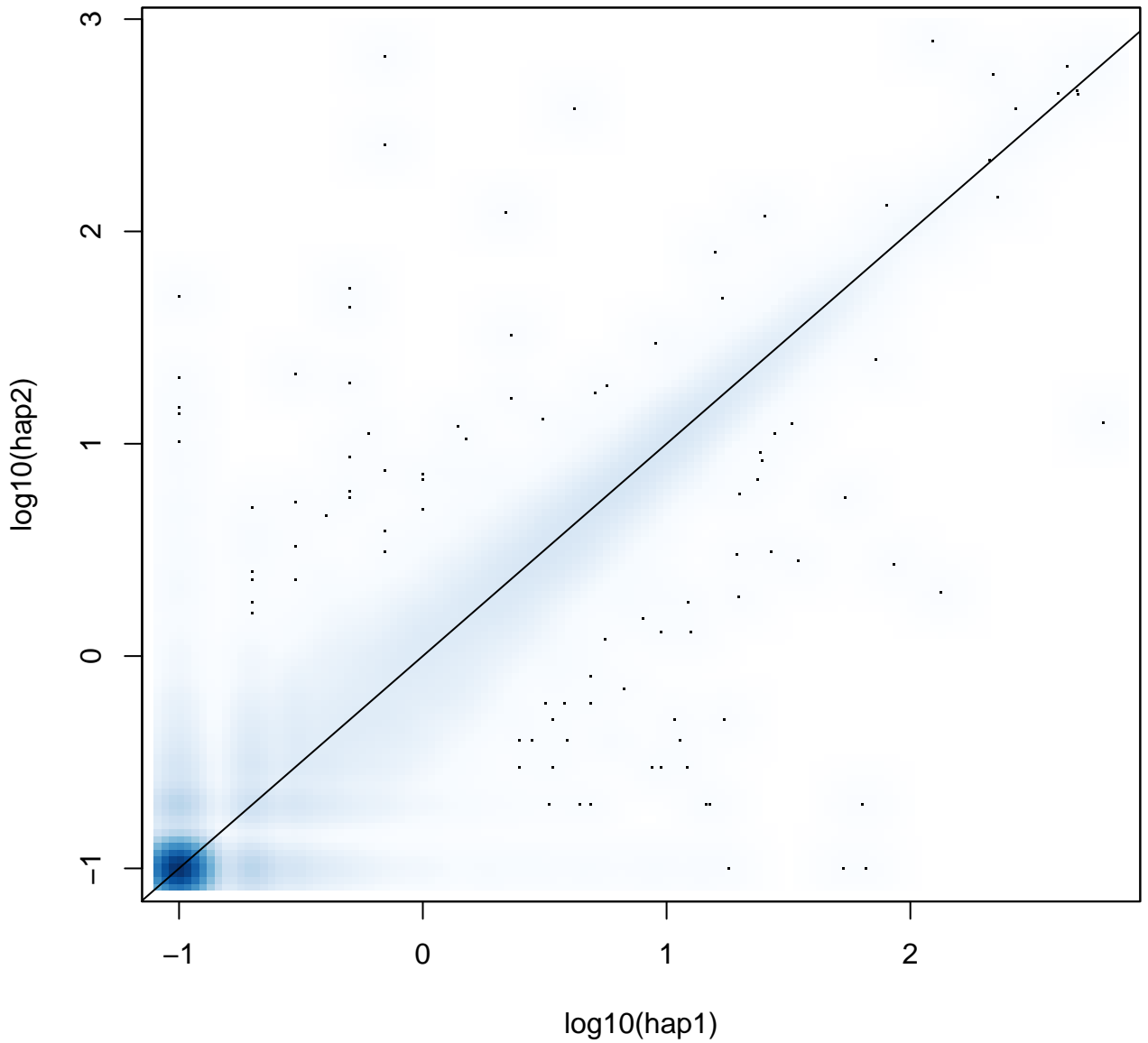
# HG00383: compare hap1 vs hap2 counts



# HG00384: compare hap1 vs hap2 counts

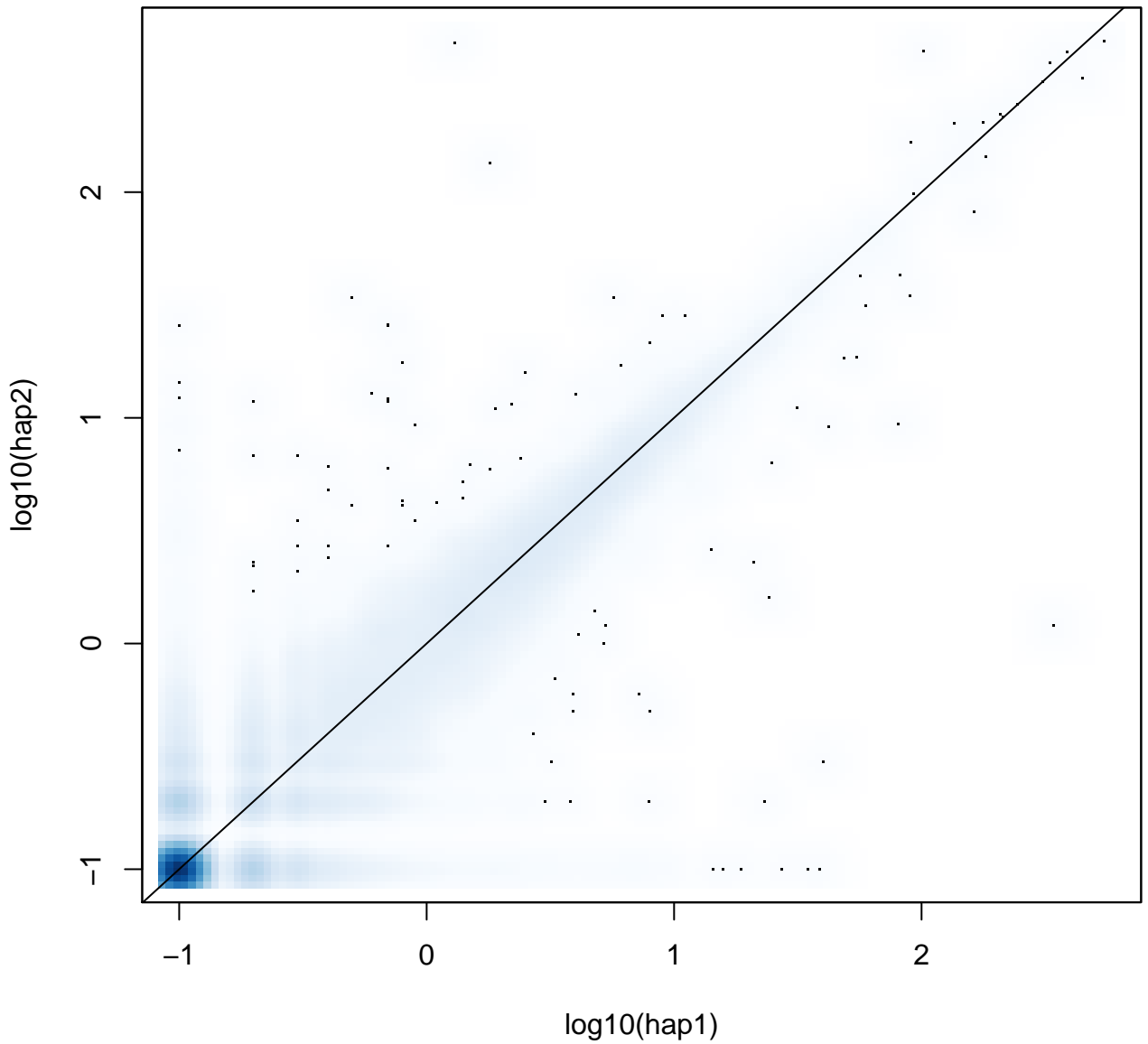


# HG01334: compare hap1 vs hap2 counts

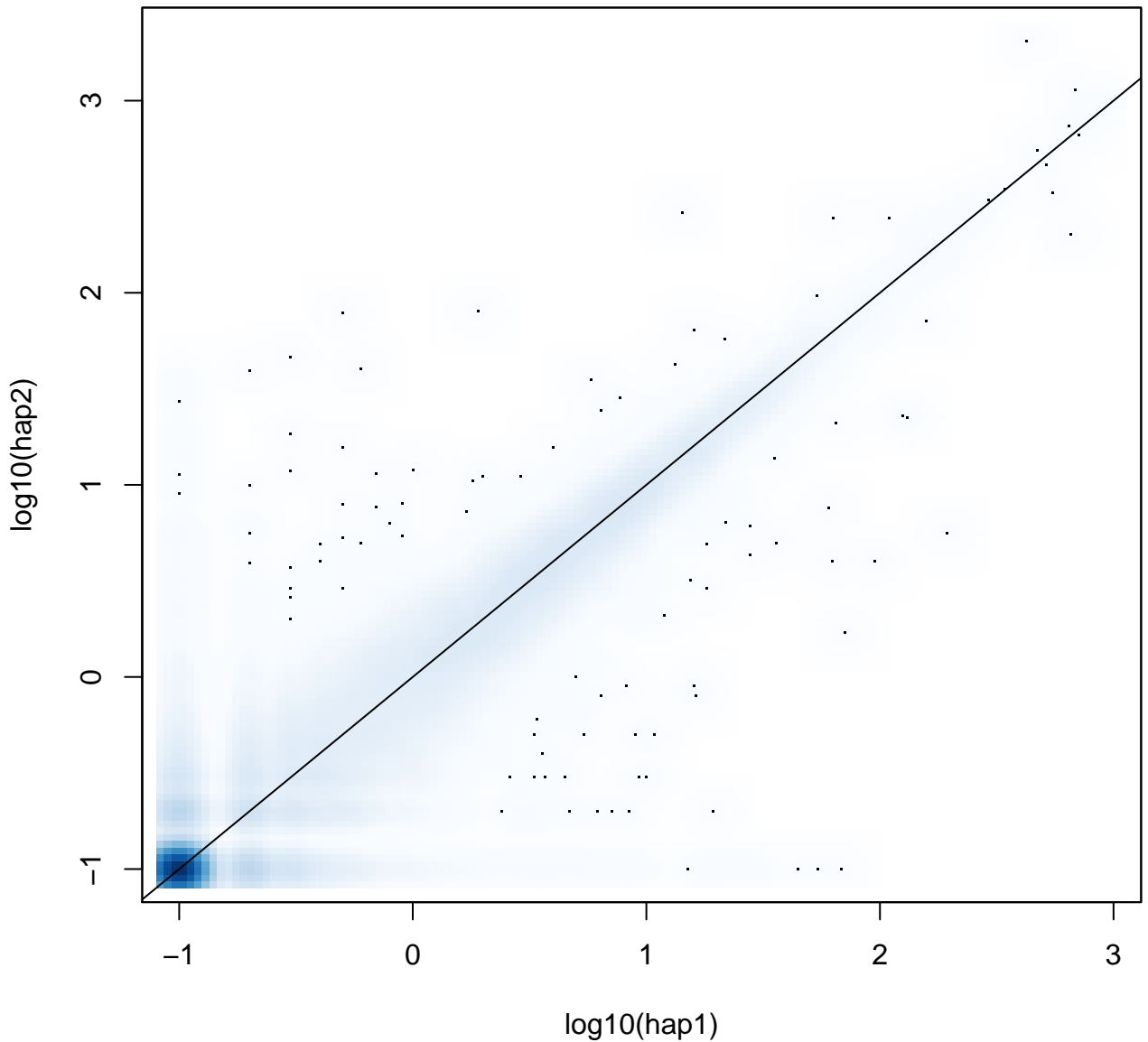




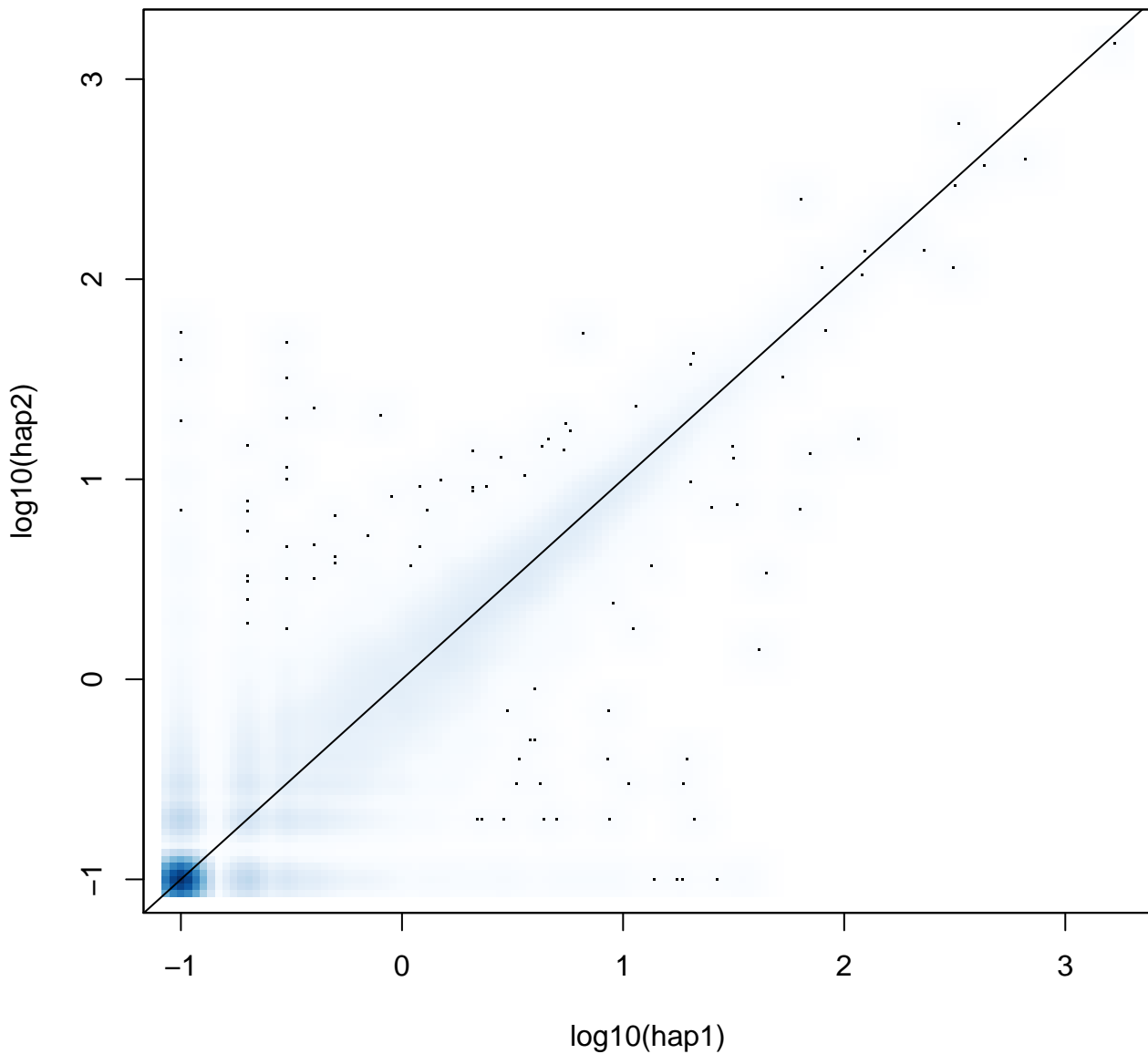
# NA06984: compare hap1 vs hap2 counts



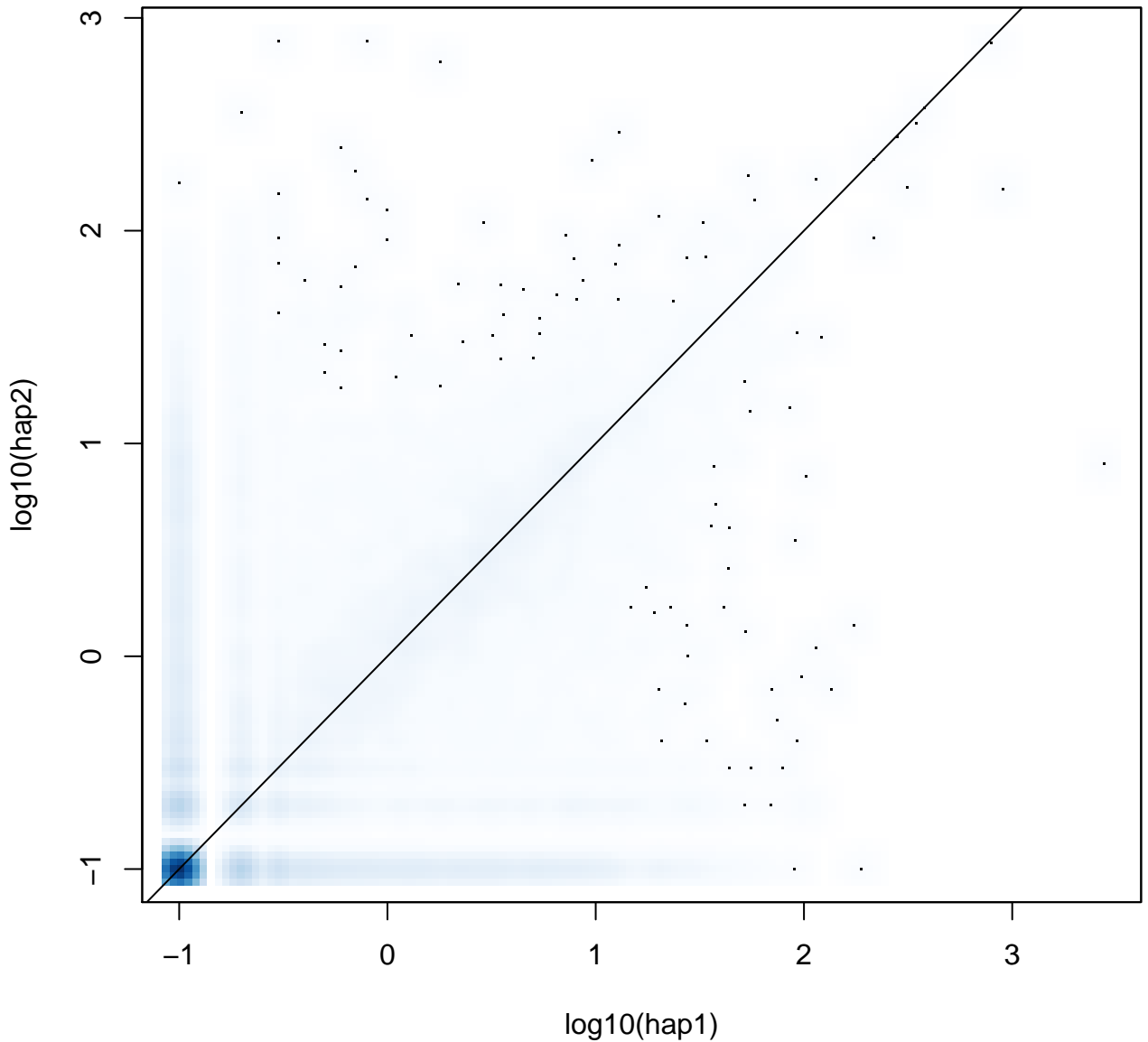
# NA06986: compare hap1 vs hap2 counts



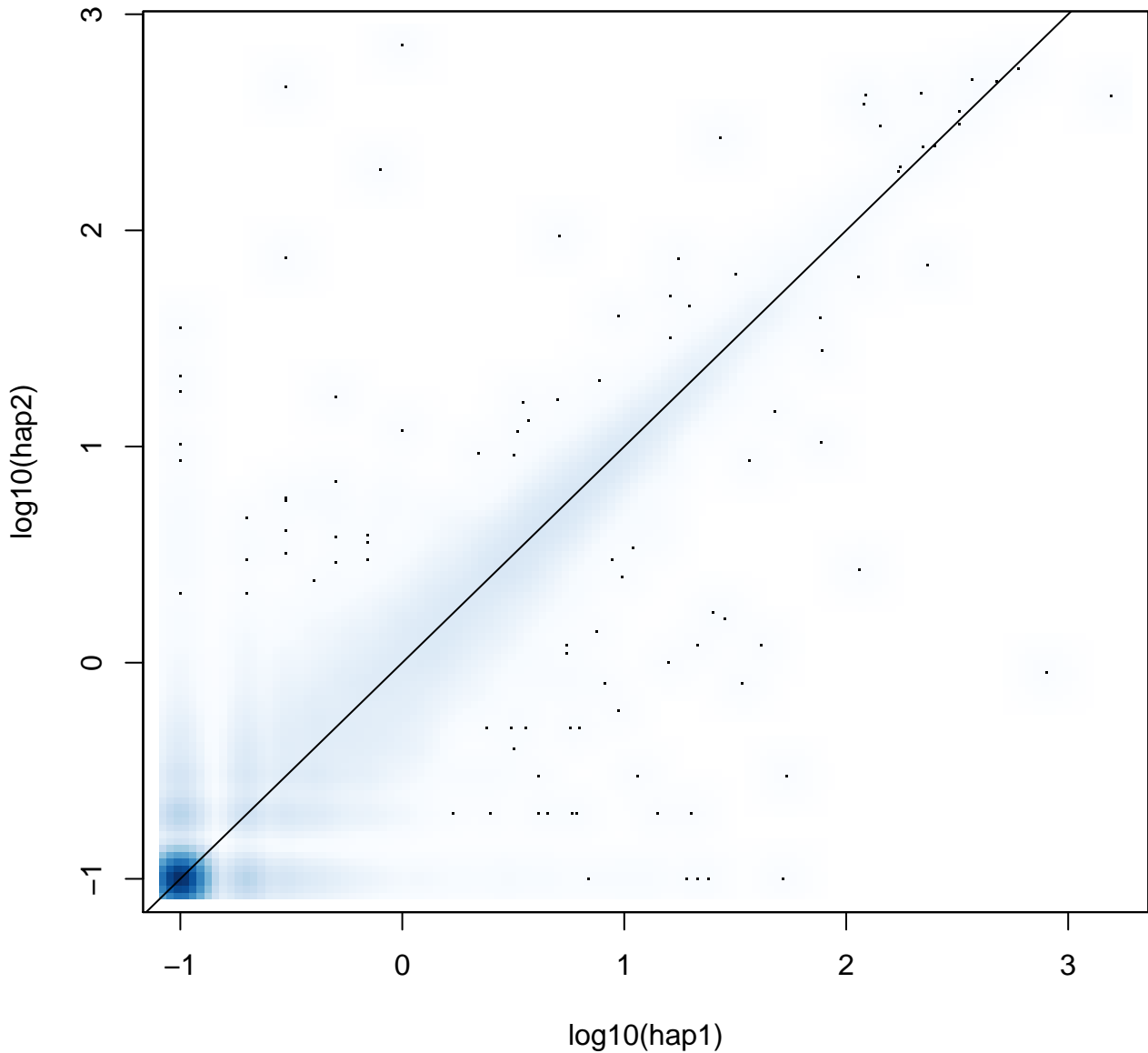
# NA06989: compare hap1 vs hap2 counts



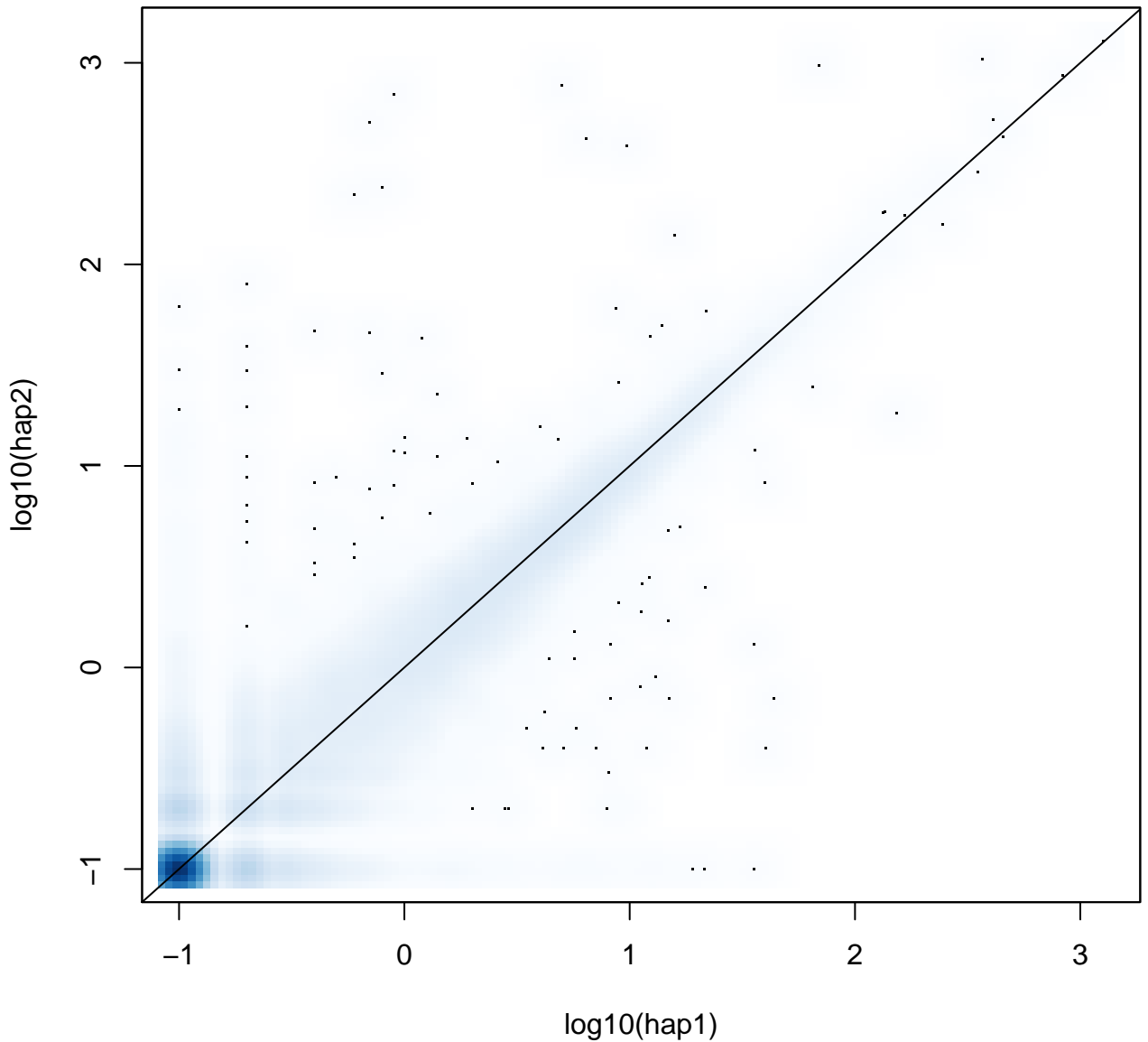
# NA06994: compare hap1 vs hap2 counts



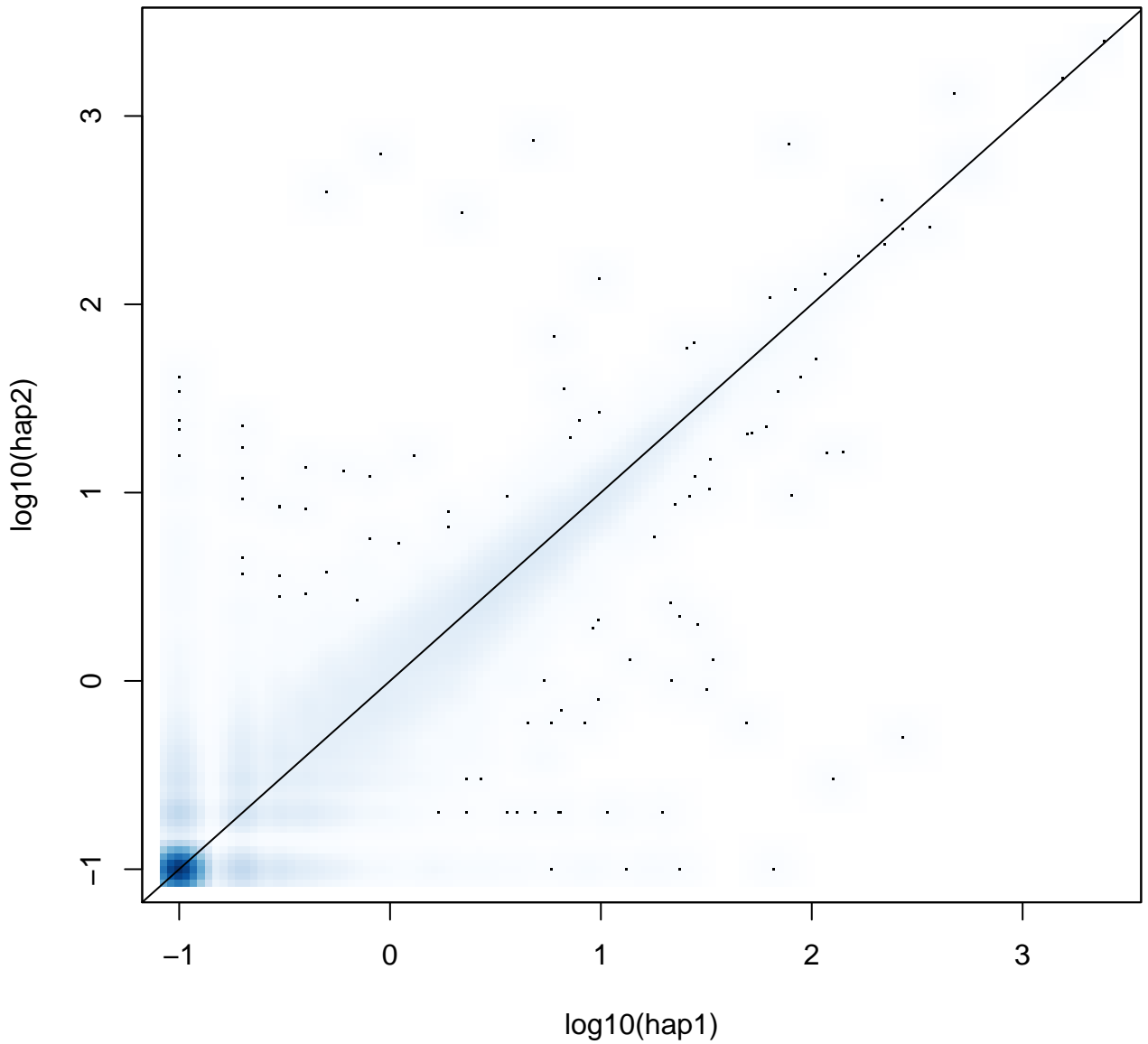
# NA07037: compare hap1 vs hap2 counts



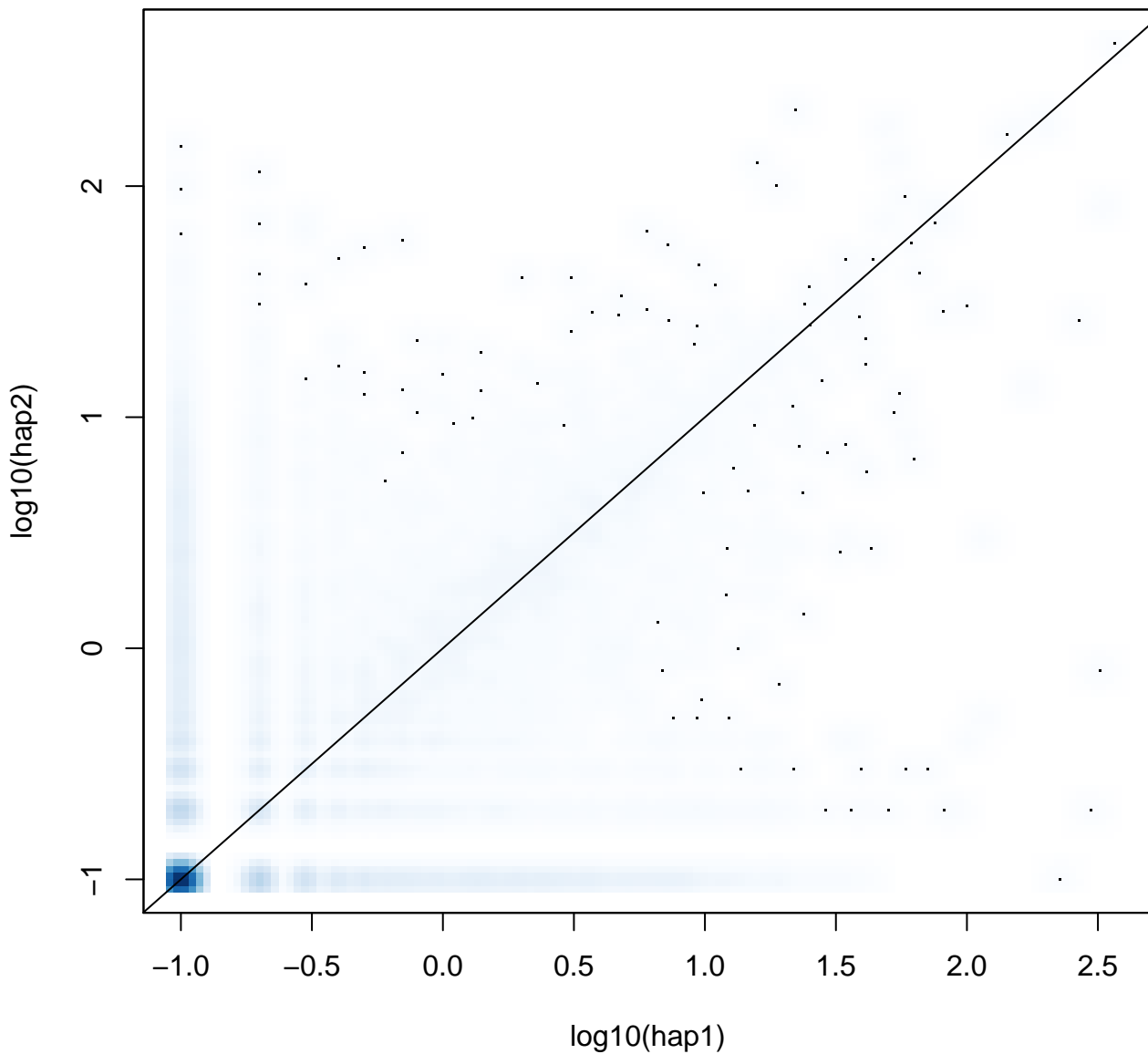
# NA07048: compare hap1 vs hap2 counts



# NA07051: compare hap1 vs hap2 counts

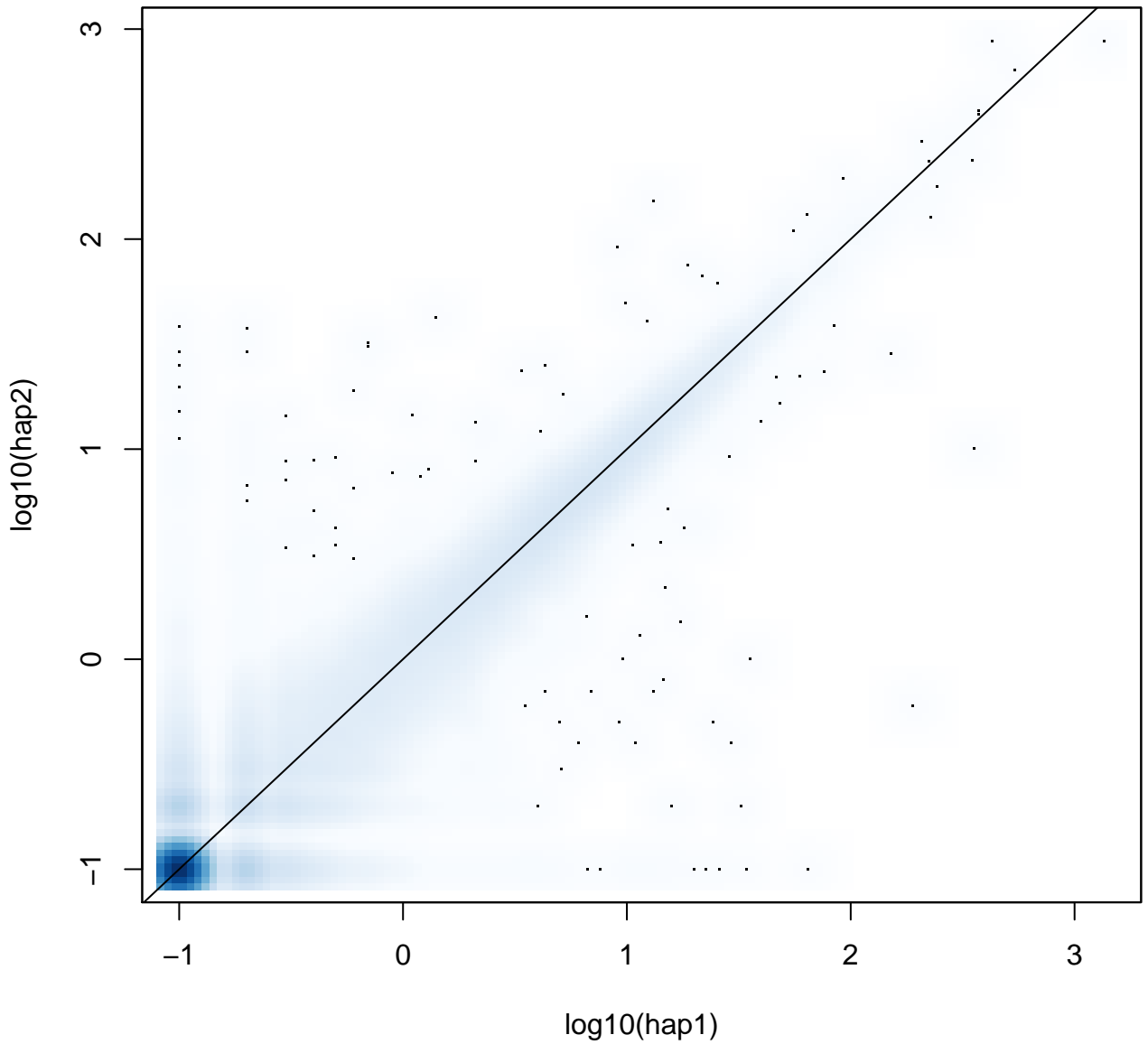


# NA07056: compare hap1 vs hap2 counts

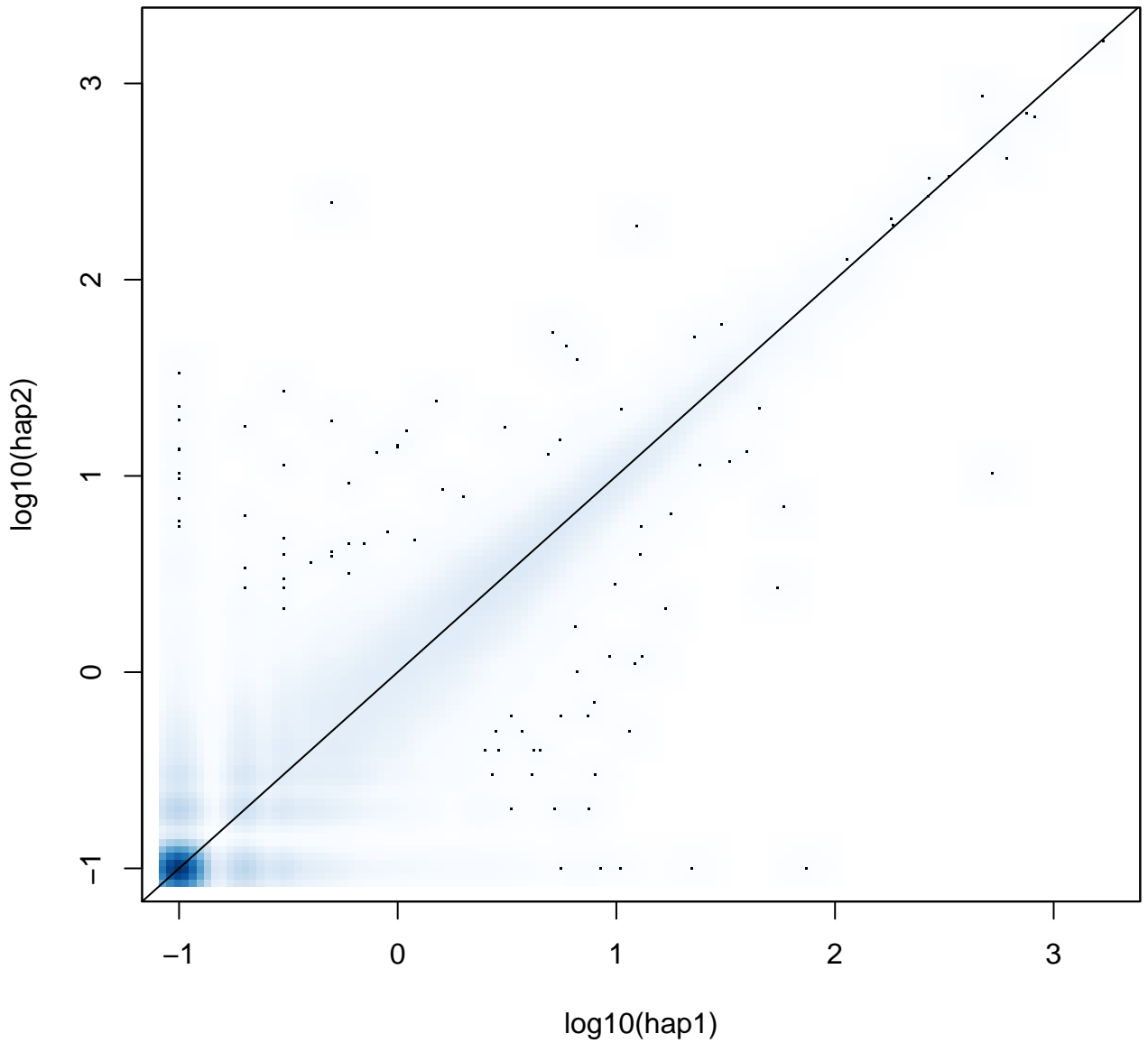




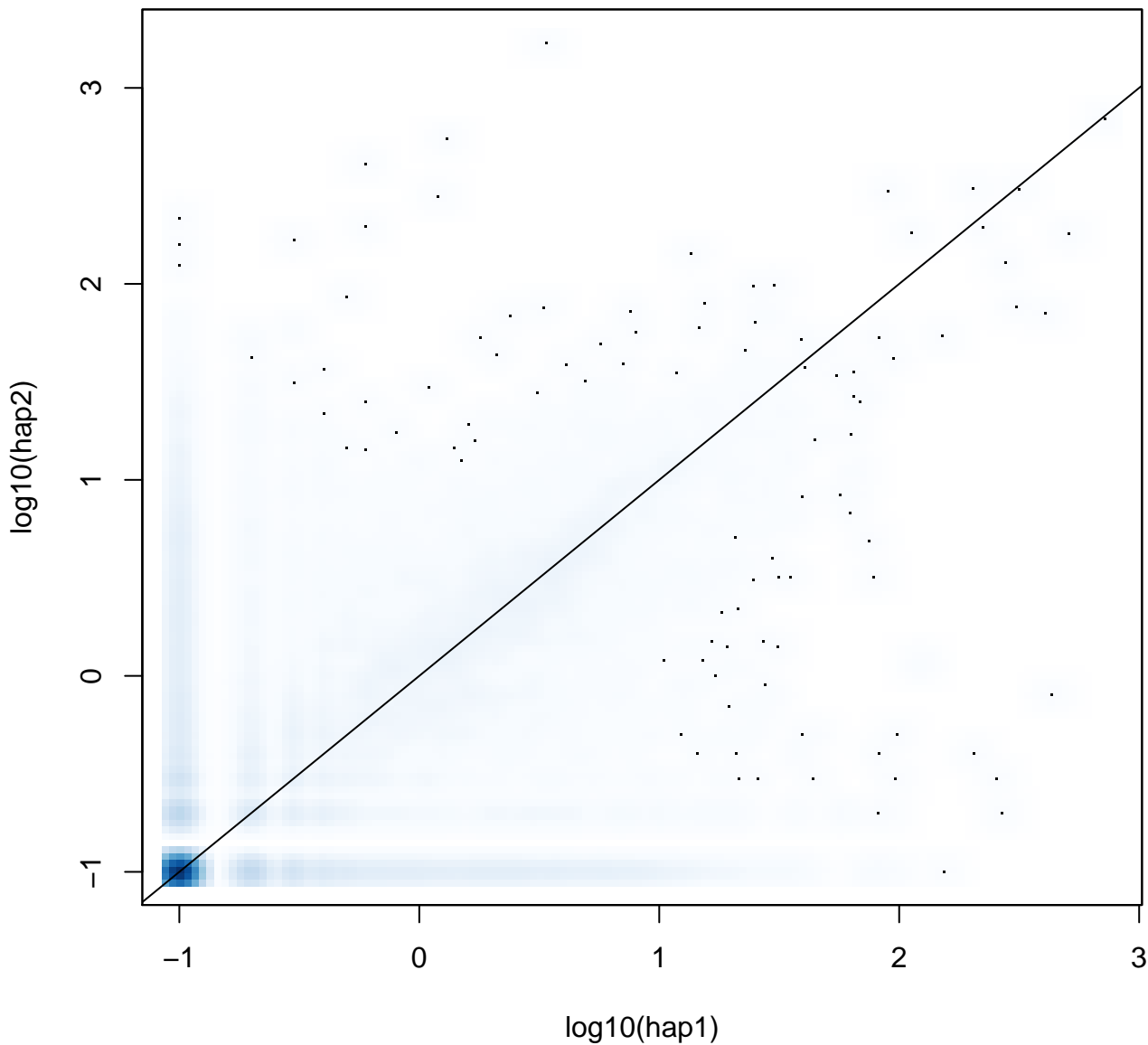
# NA07347: compare hap1 vs hap2 counts



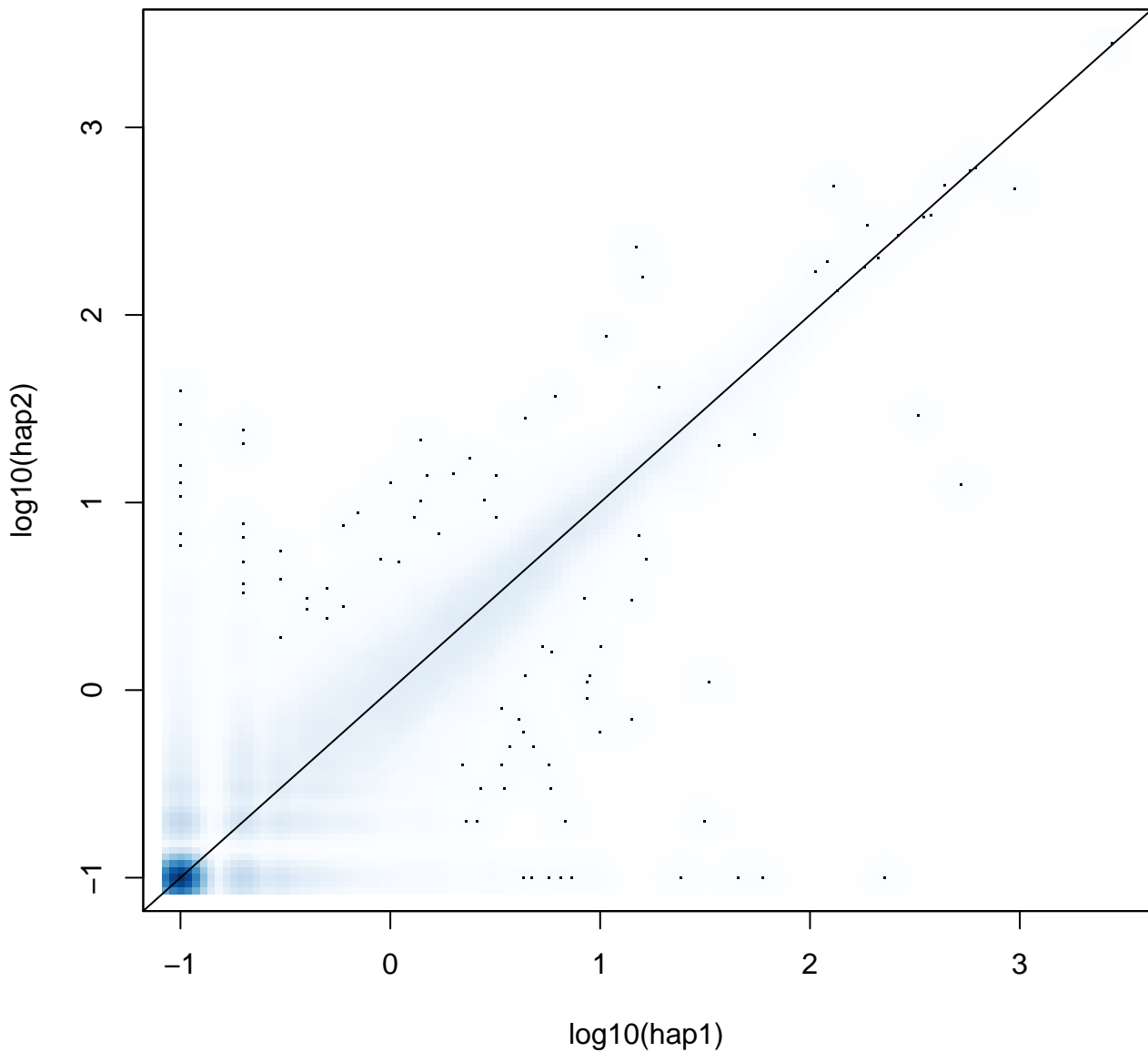
# NA07357: compare hap1 vs hap2 counts



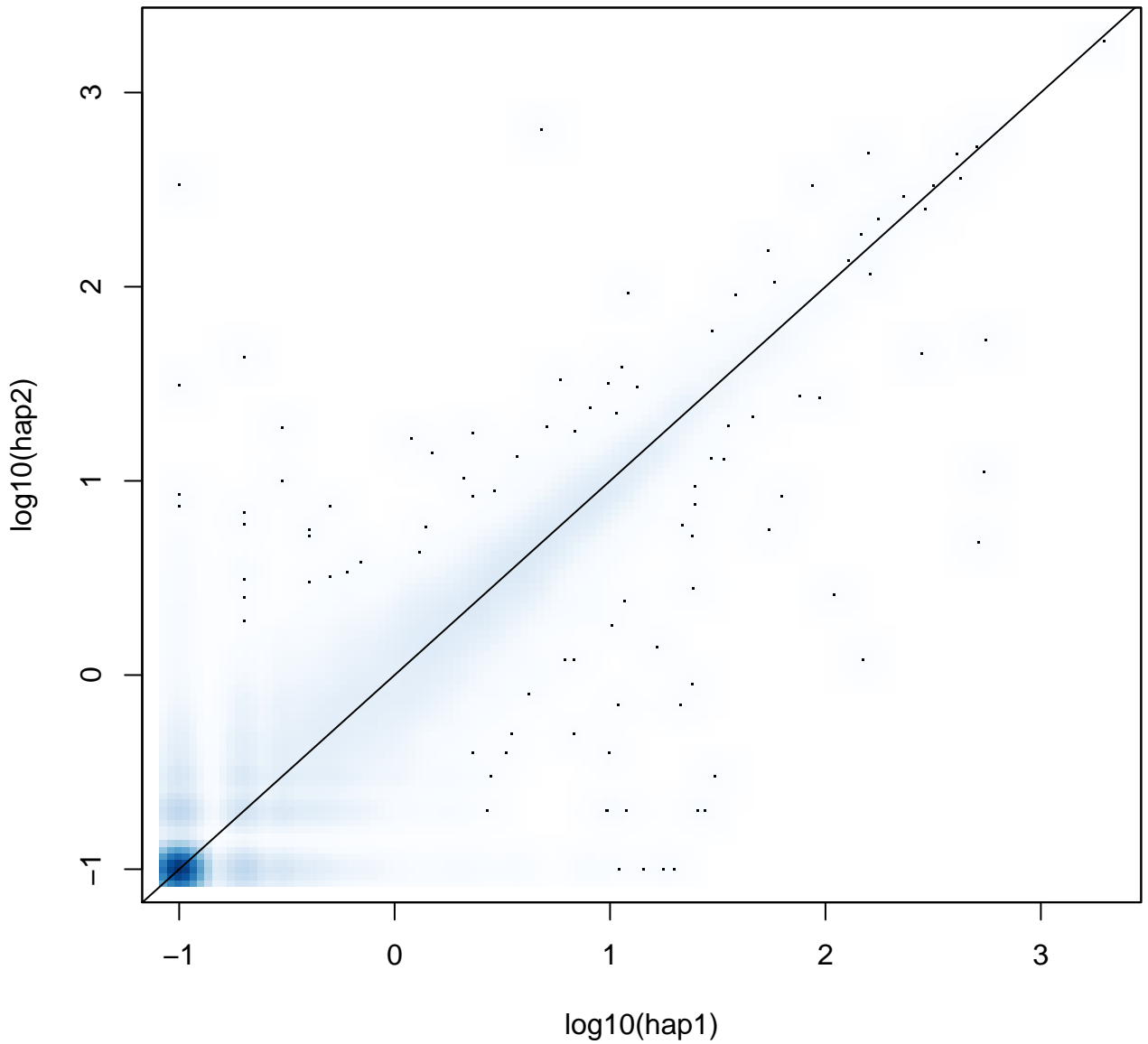
# NA10847: compare hap1 vs hap2 counts



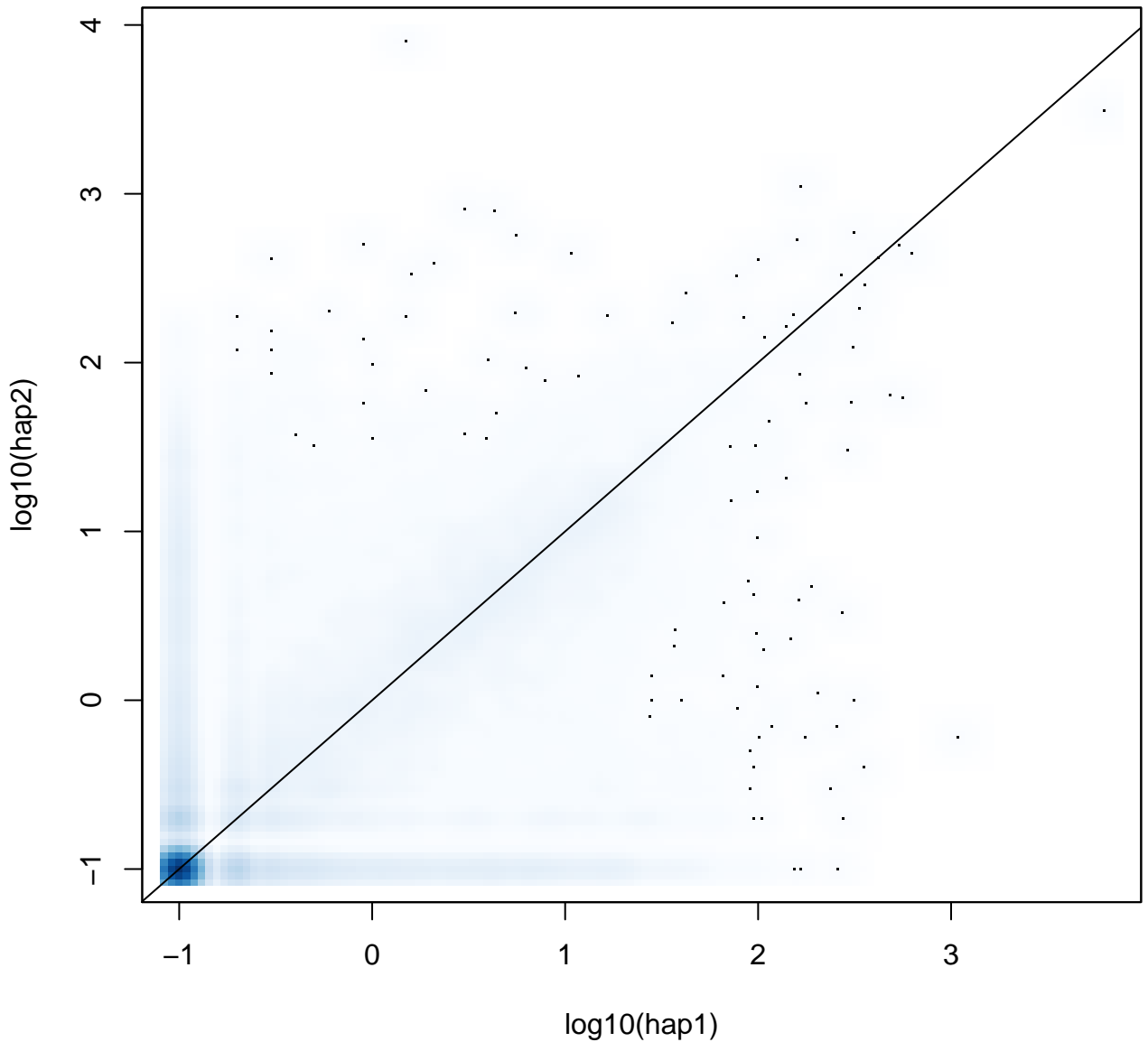
# NA11829: compare hap1 vs hap2 counts



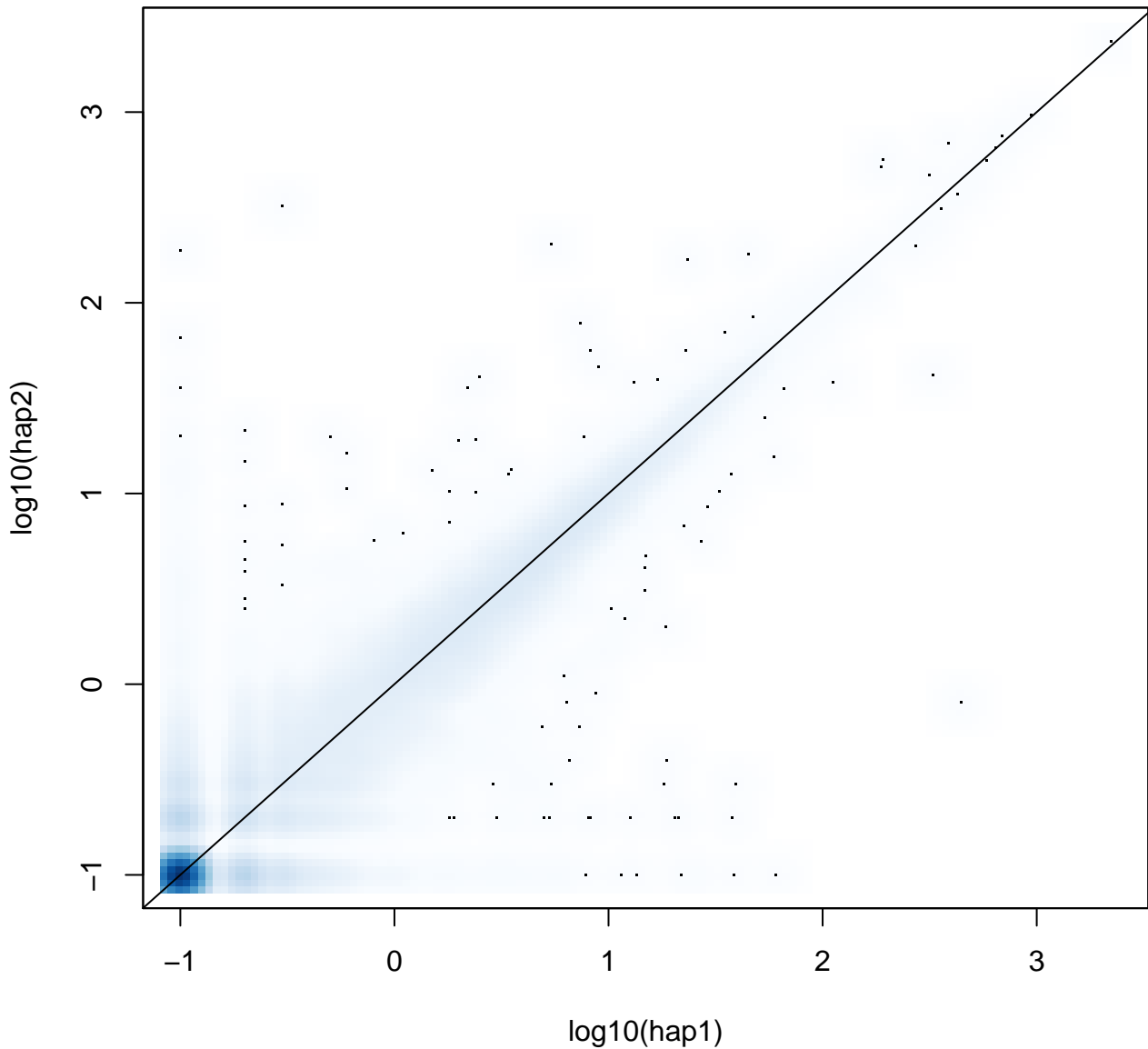
# NA11830: compare hap1 vs hap2 counts



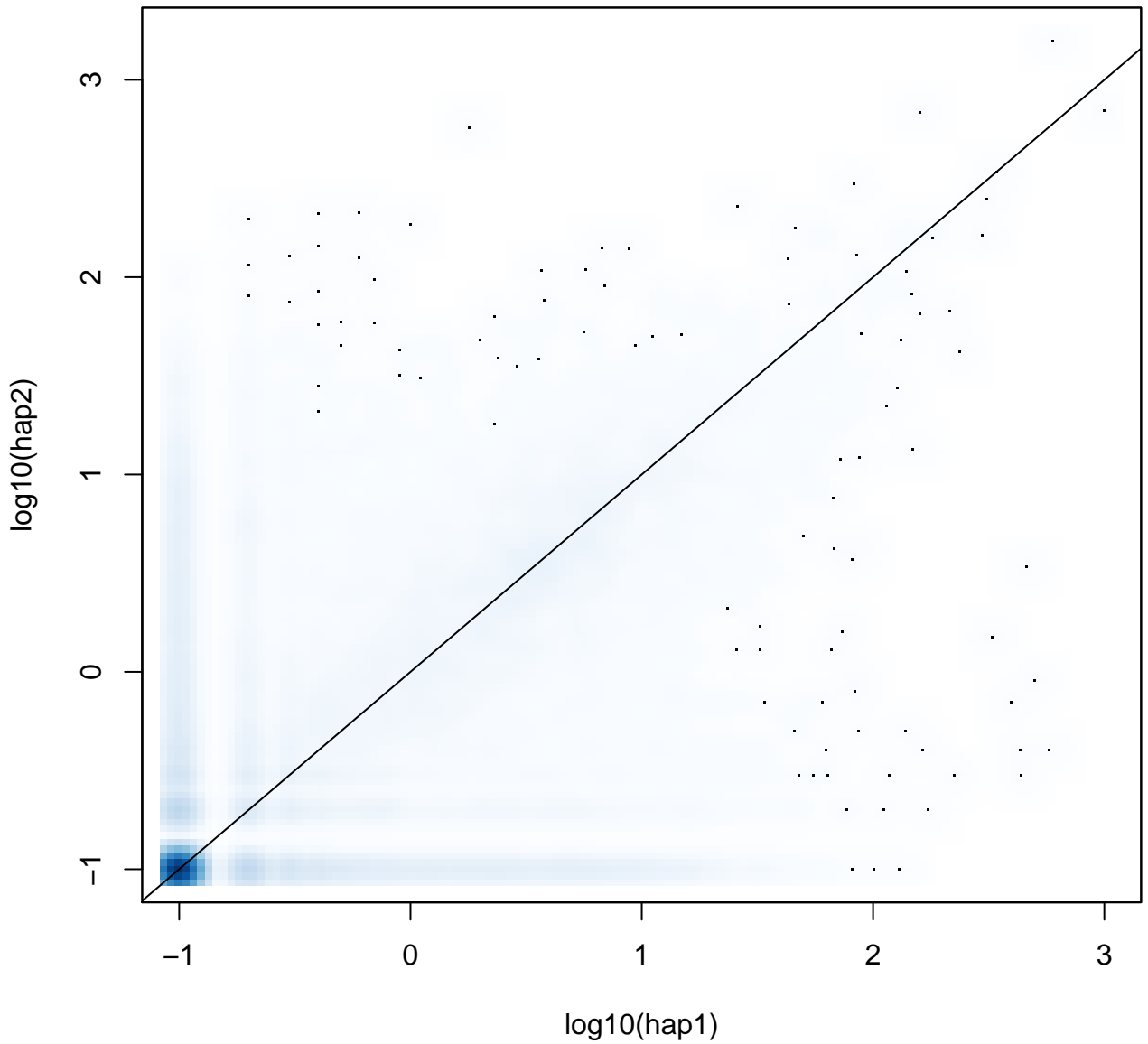
# NA11831: compare hap1 vs hap2 counts



# NA11843: compare hap1 vs hap2 counts

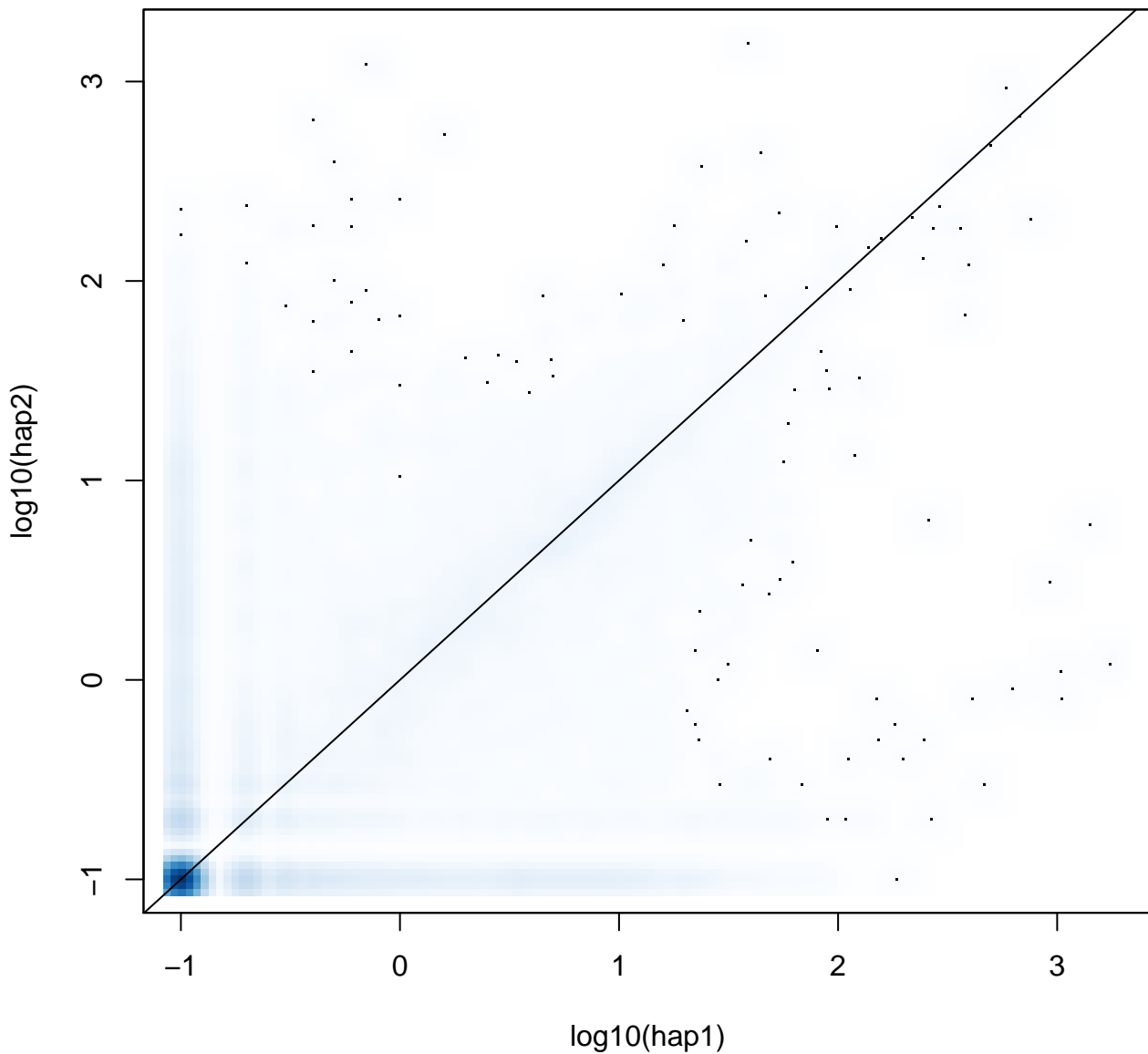


# NA11892: compare hap1 vs hap2 counts

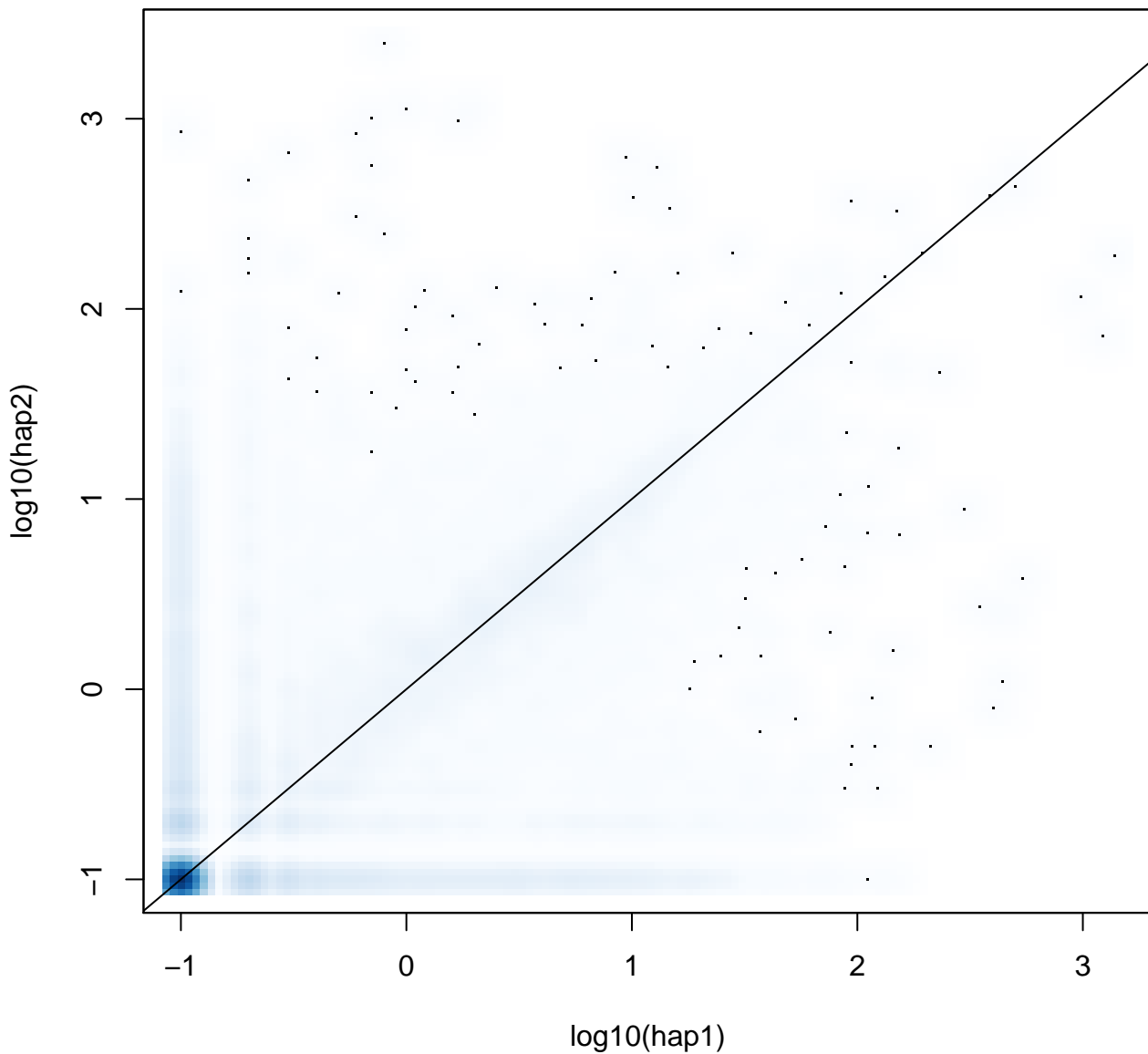




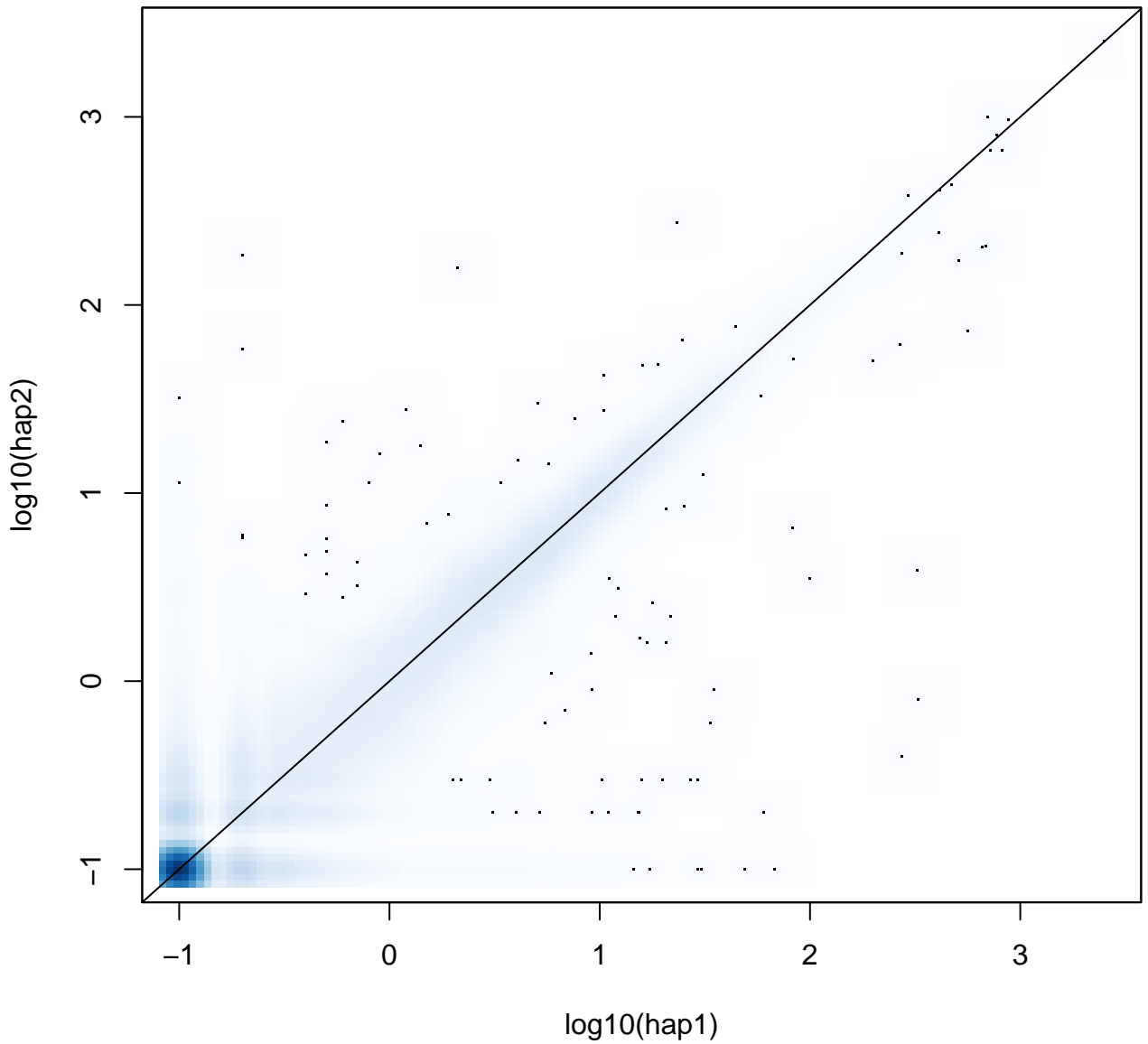
# NA11893: compare hap1 vs hap2 counts



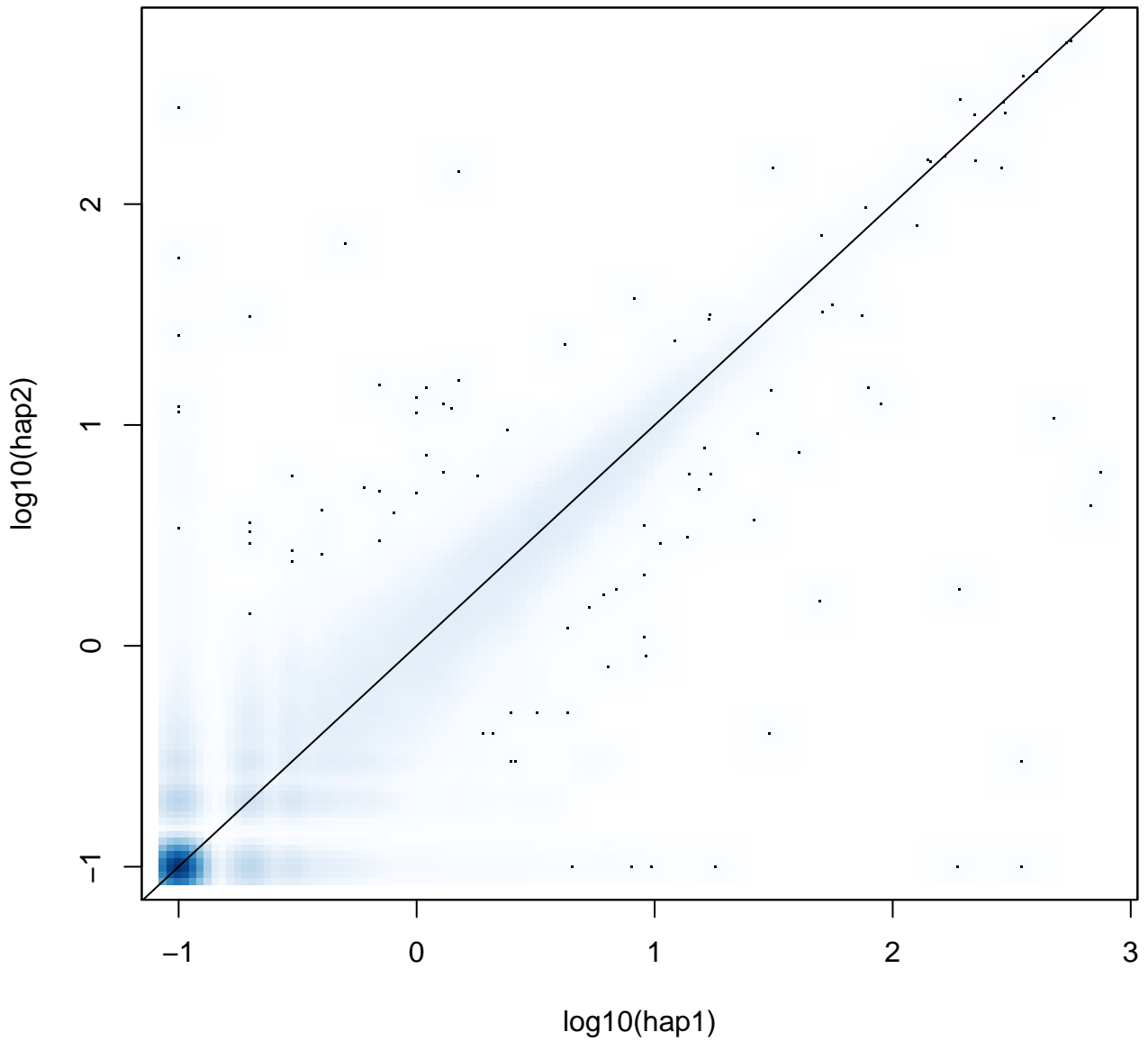
# NA11894: compare hap1 vs hap2 counts



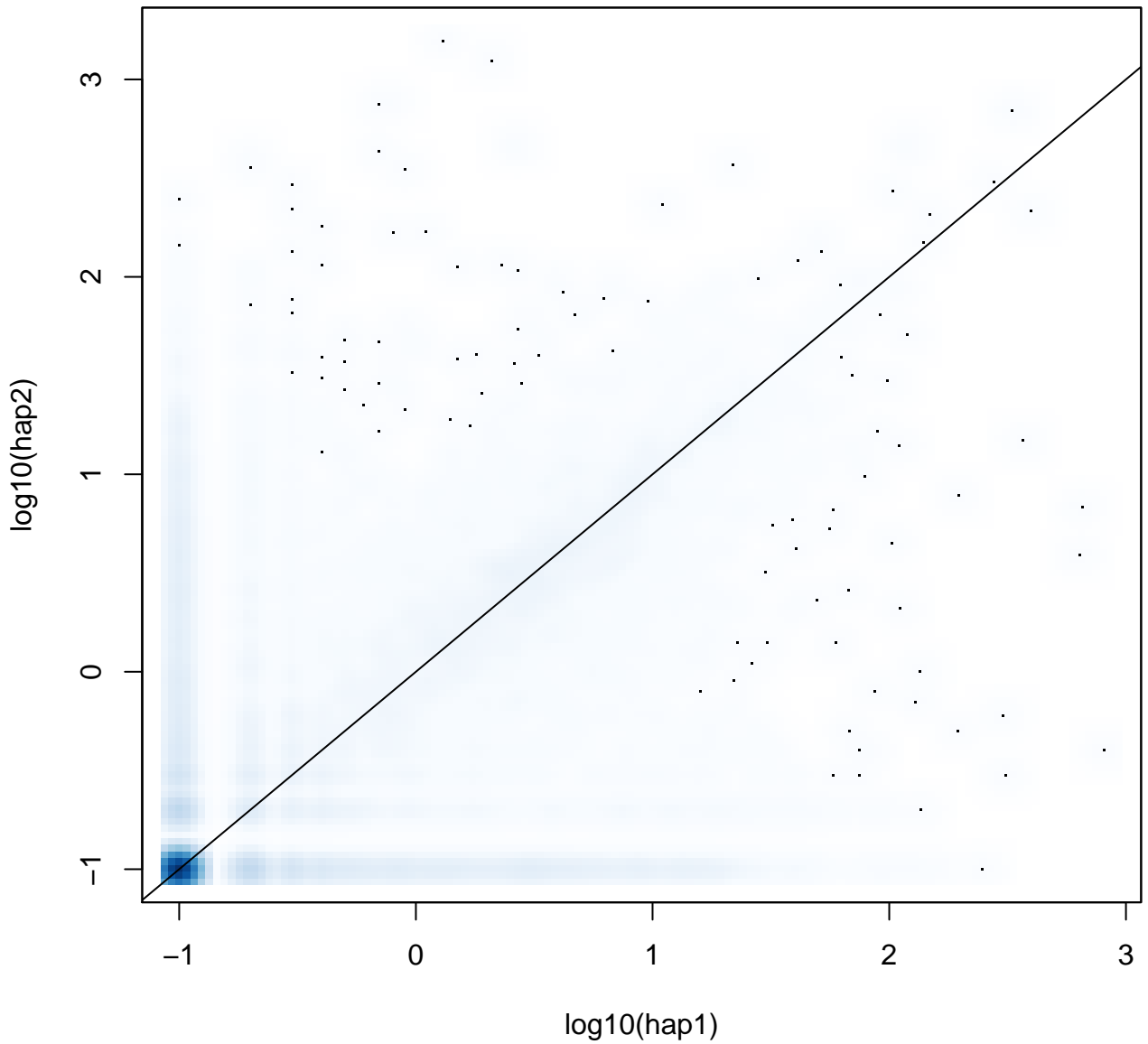
# NA11920: compare hap1 vs hap2 counts



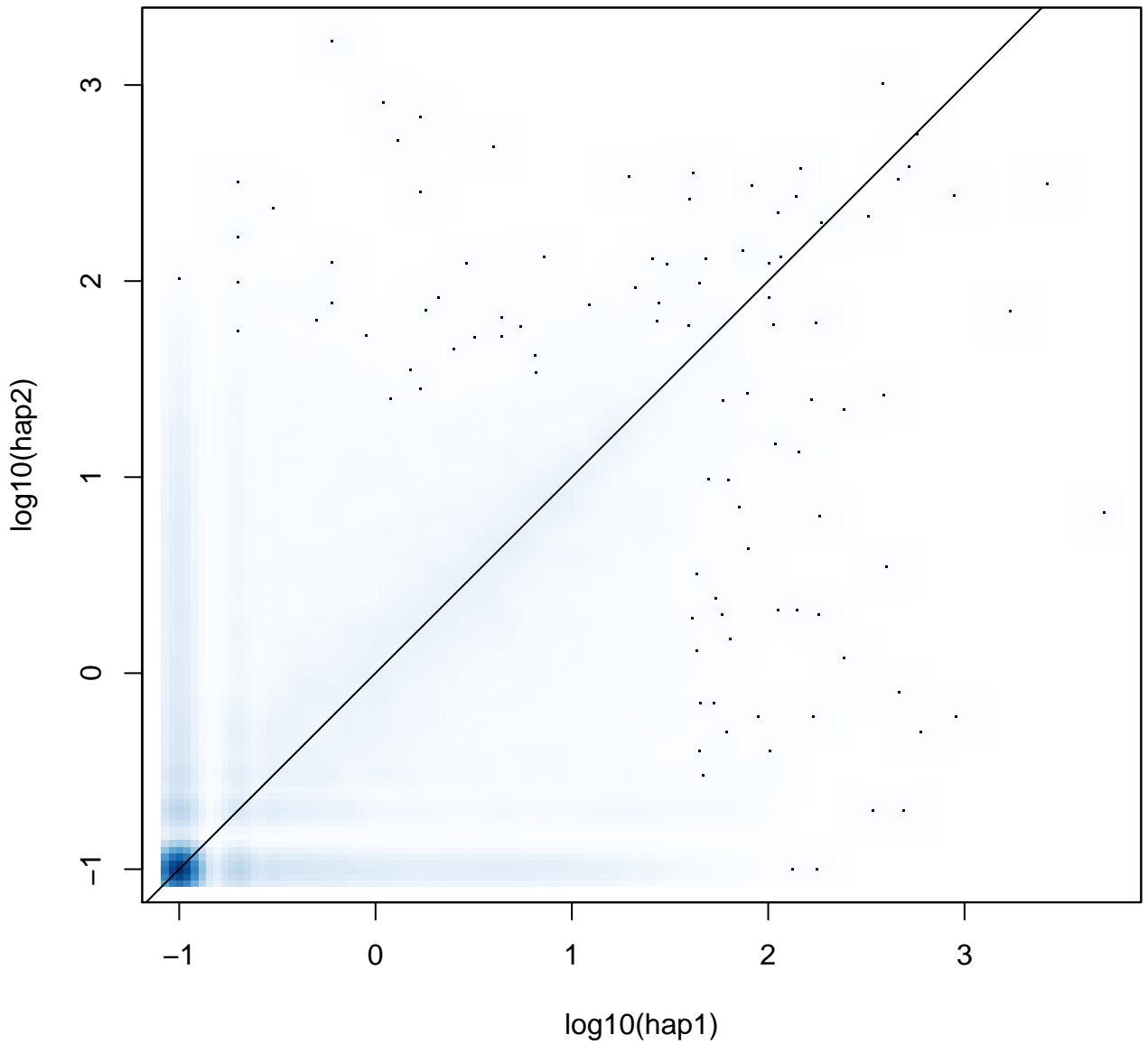
# NA11930: compare hap1 vs hap2 counts



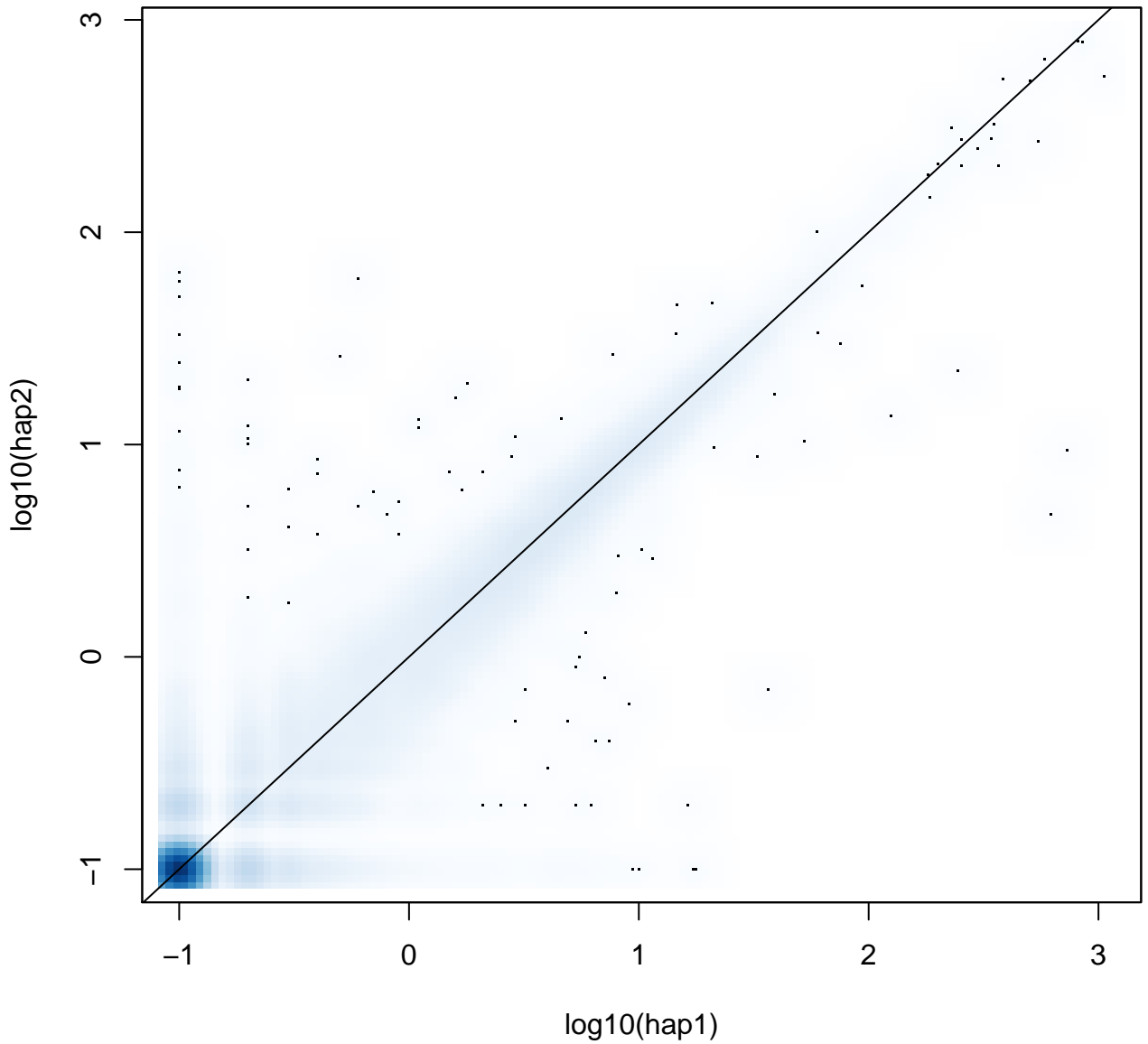
# NA11931: compare hap1 vs hap2 counts



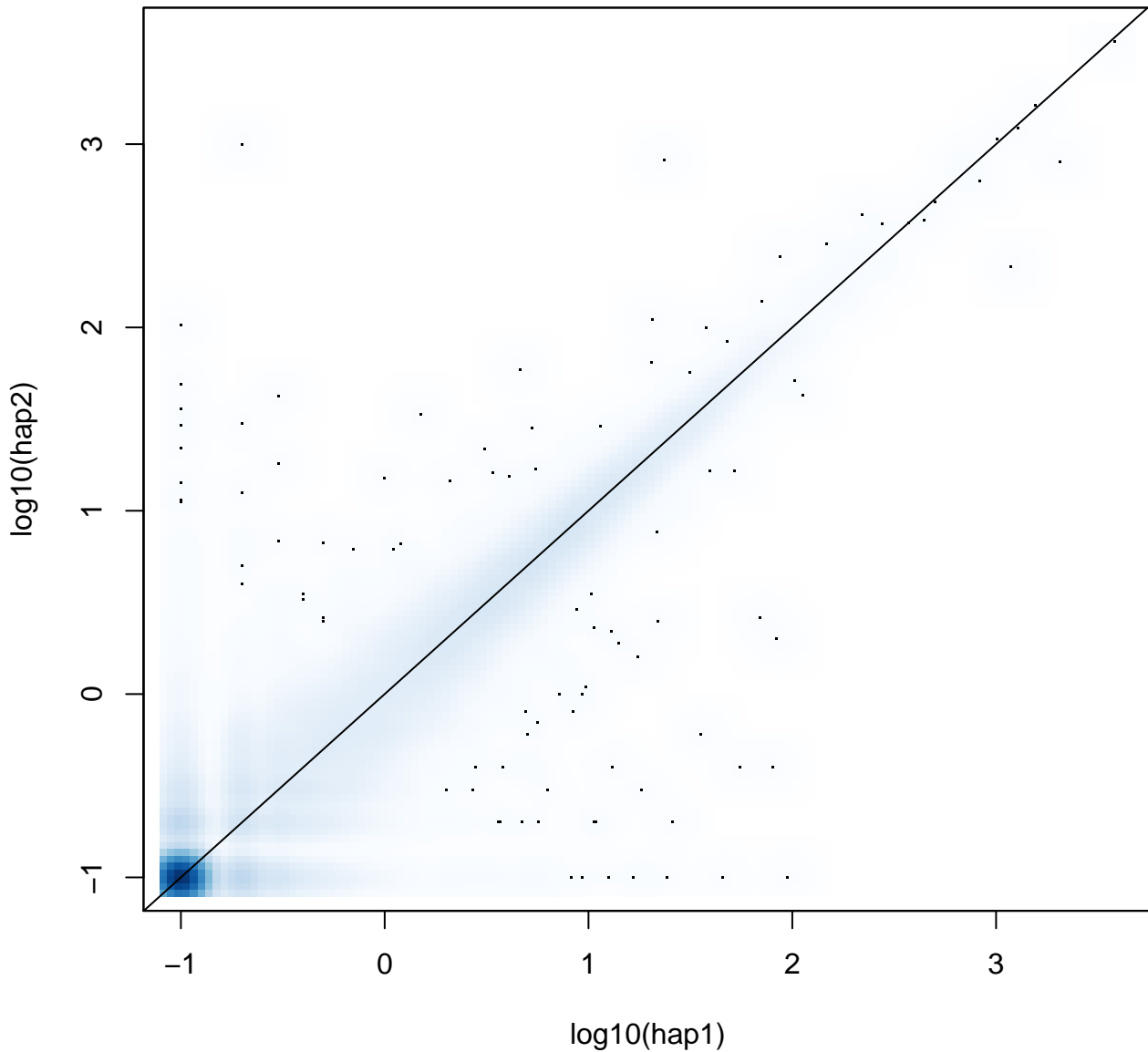
# NA11992: compare hap1 vs hap2 counts



# NA11993: compare hap1 vs hap2 counts

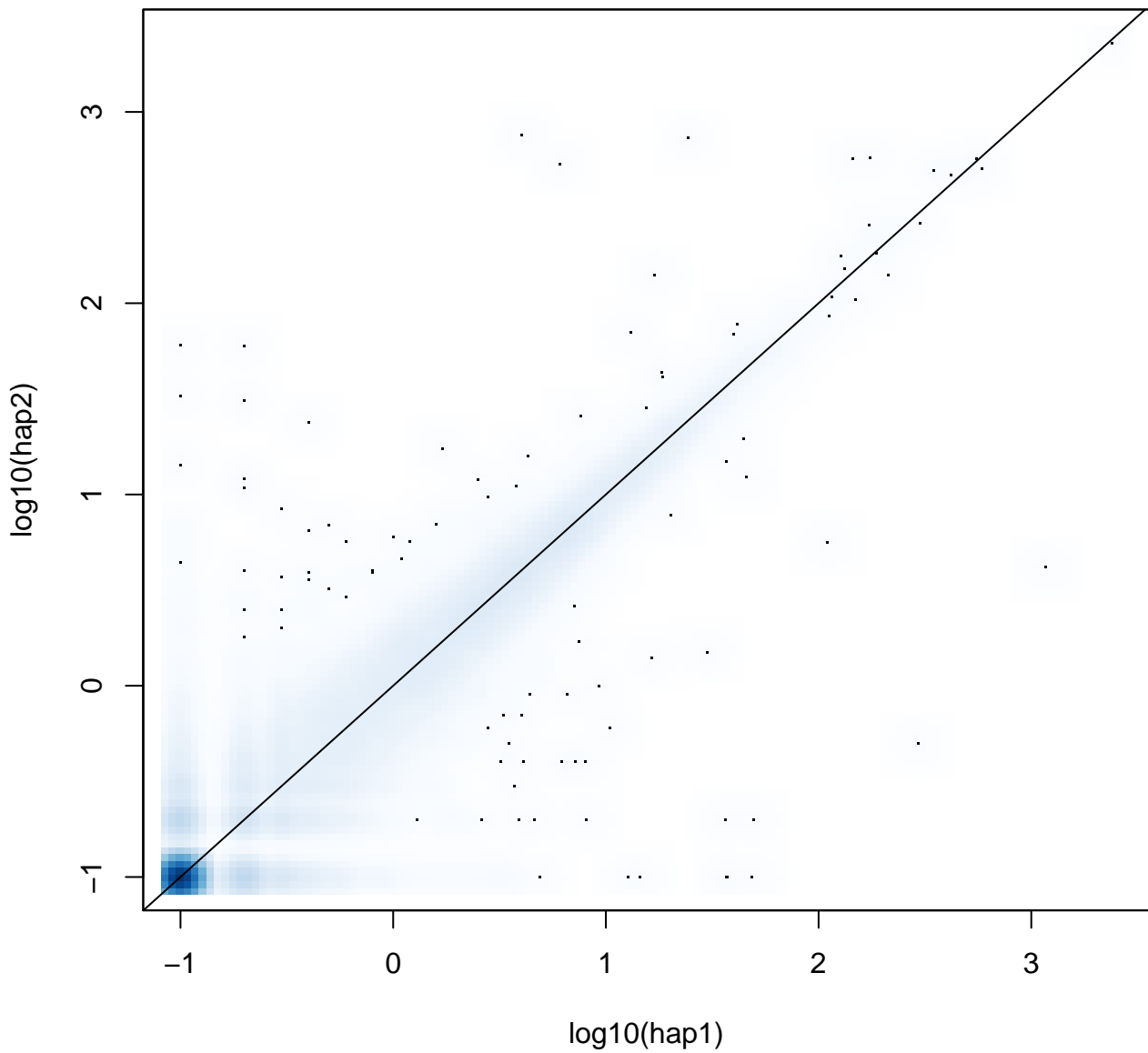


# NA11994: compare hap1 vs hap2 counts

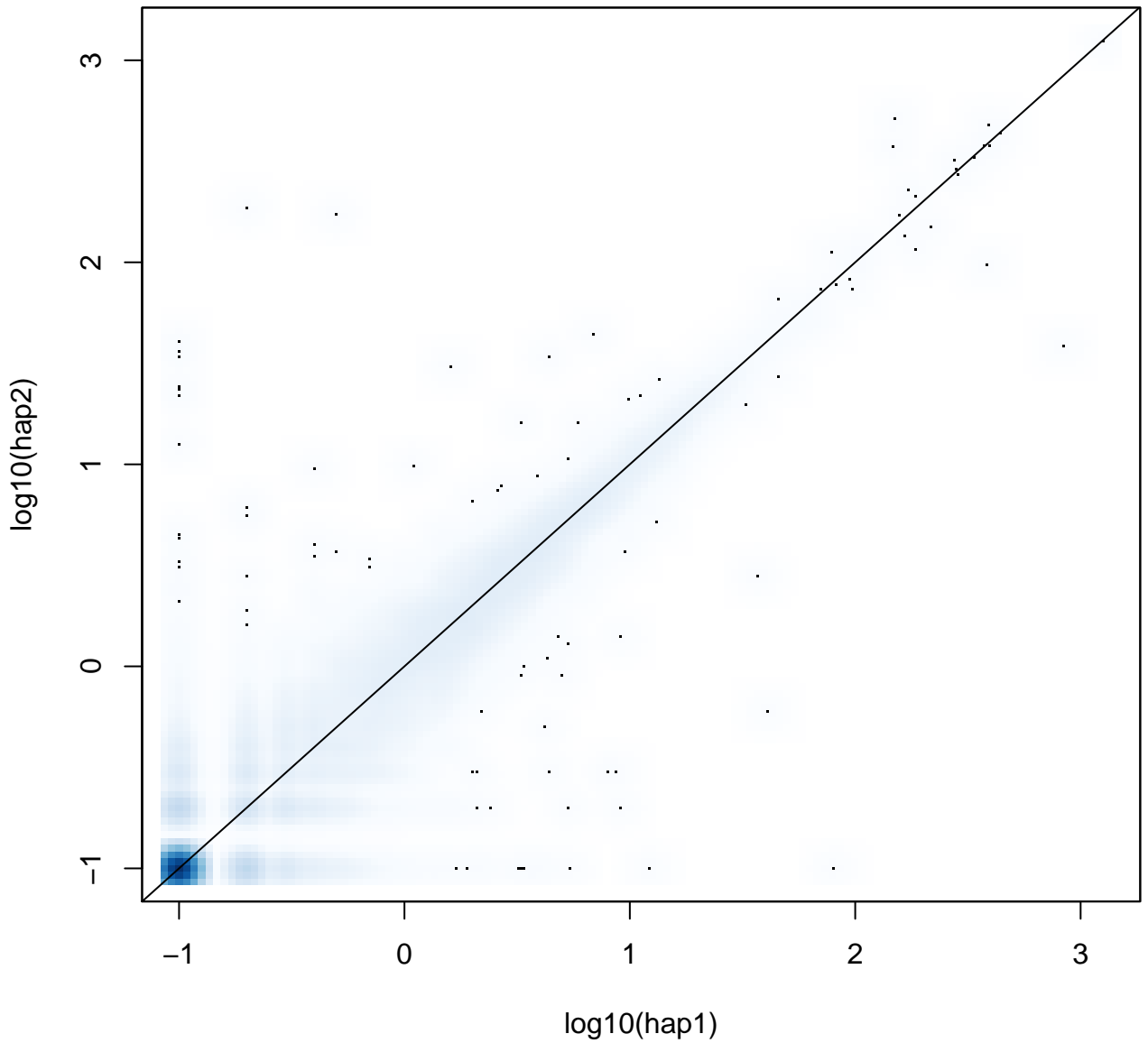




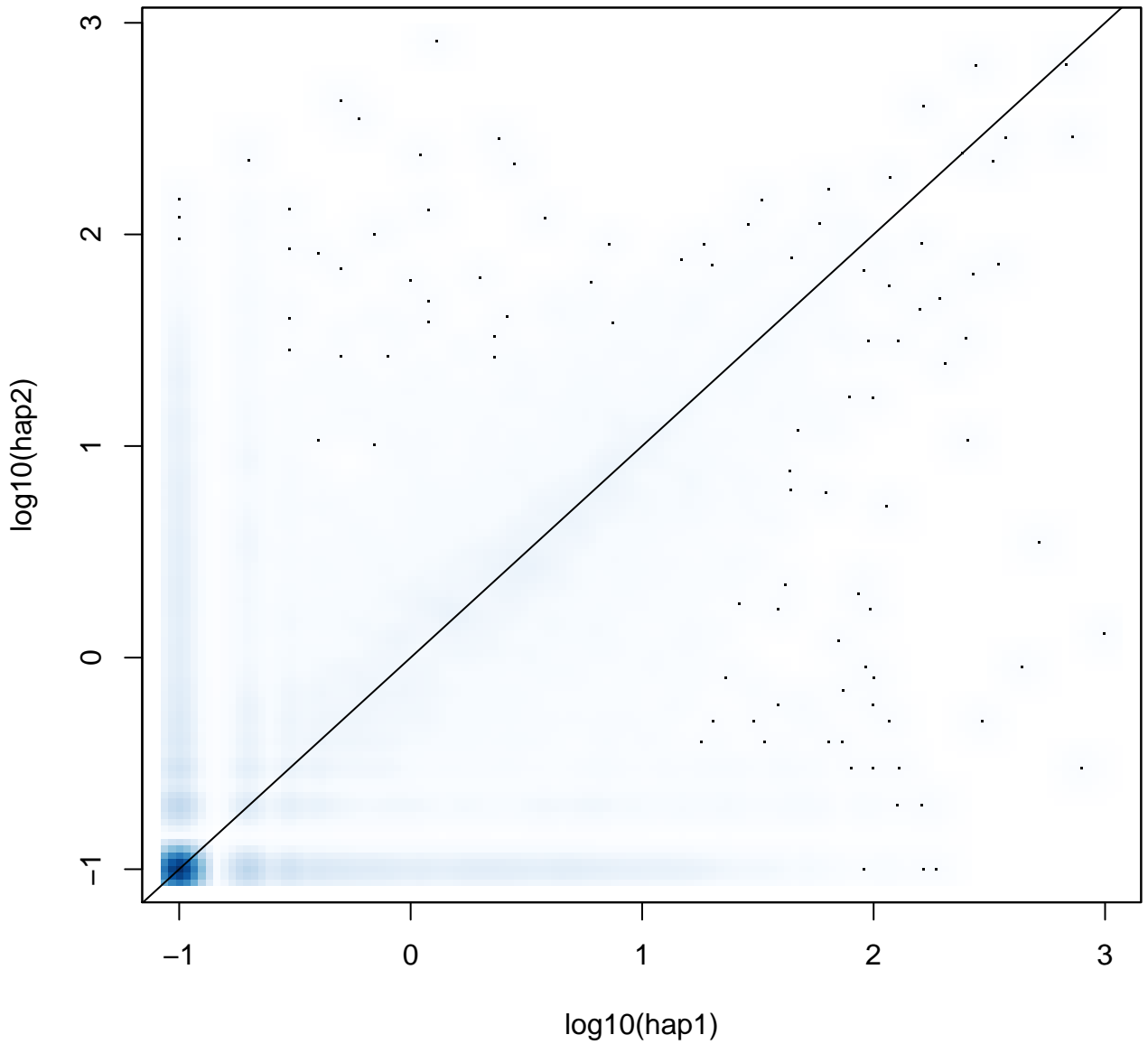
# NA11995: compare hap1 vs hap2 counts



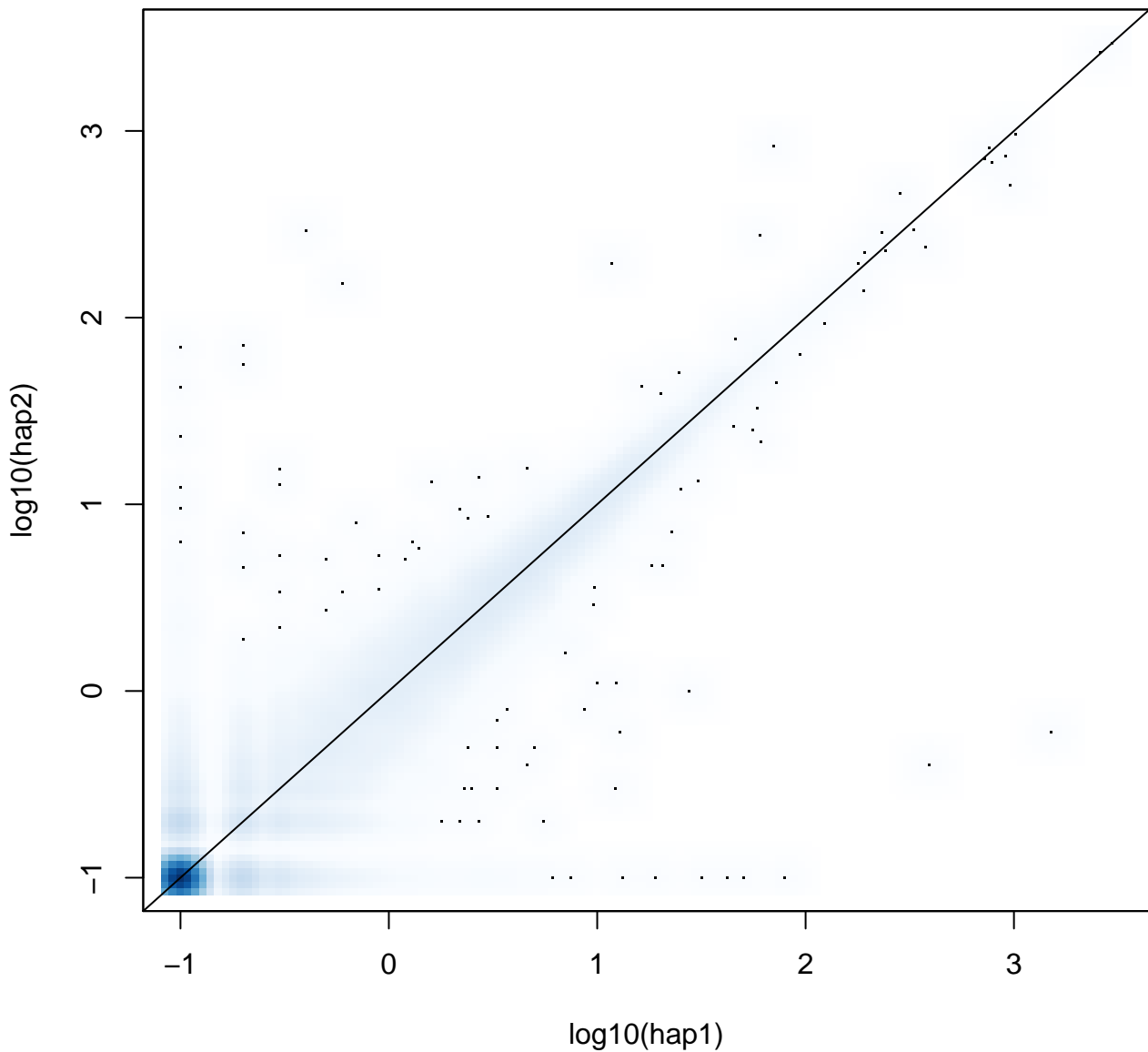
# NA12004: compare hap1 vs hap2 counts



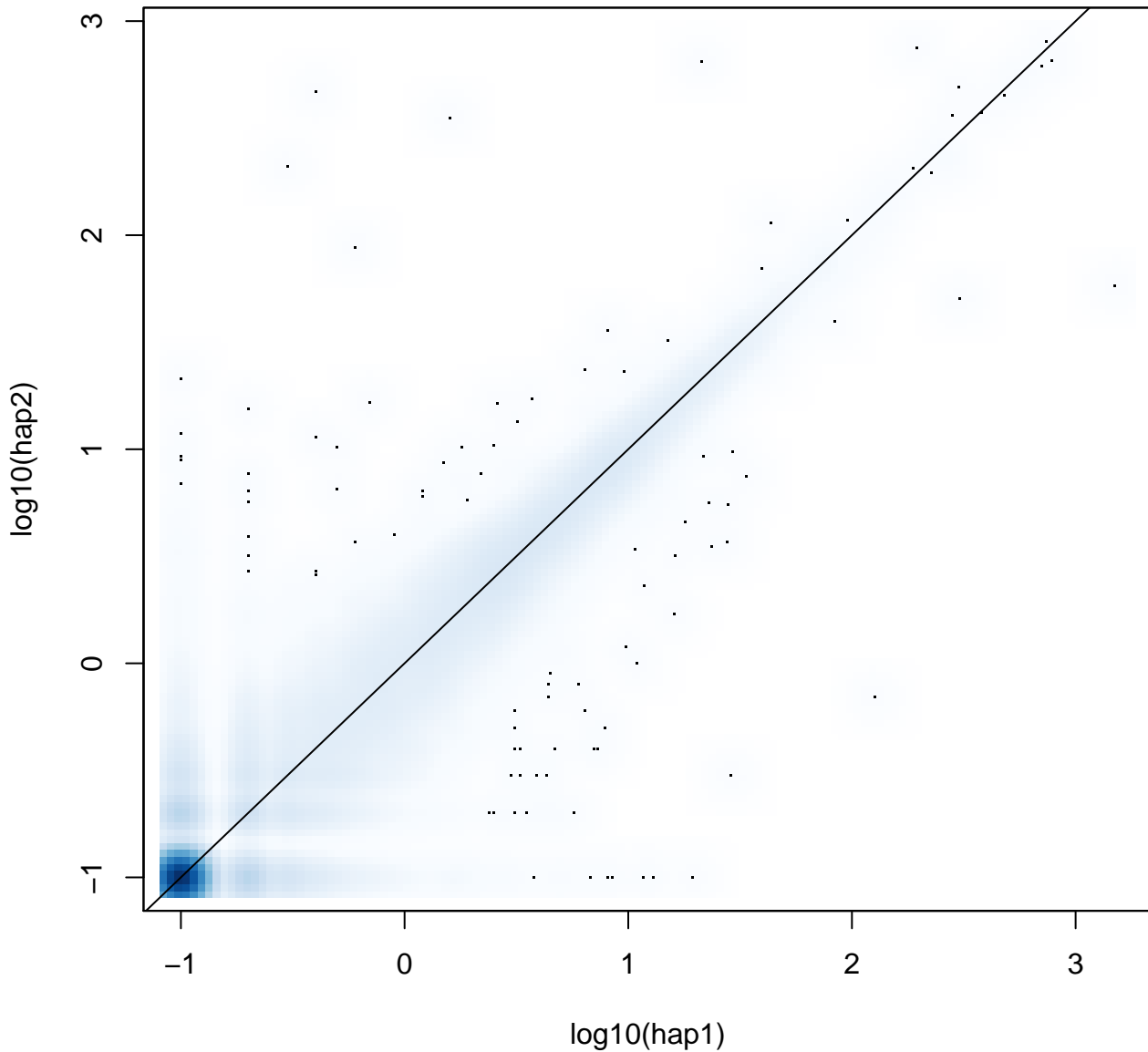
# NA12006: compare hap1 vs hap2 counts



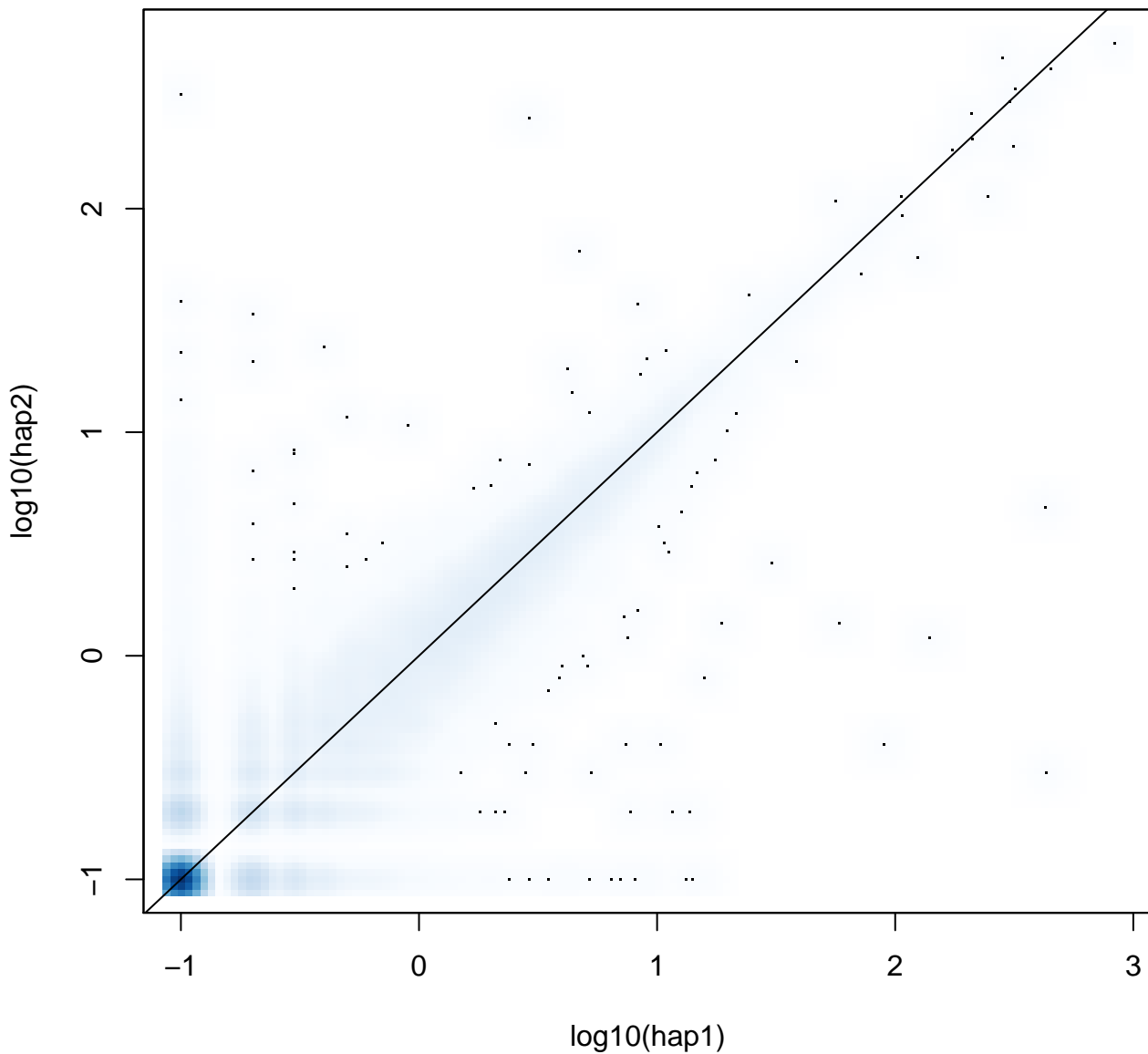
# NA12043: compare hap1 vs hap2 counts



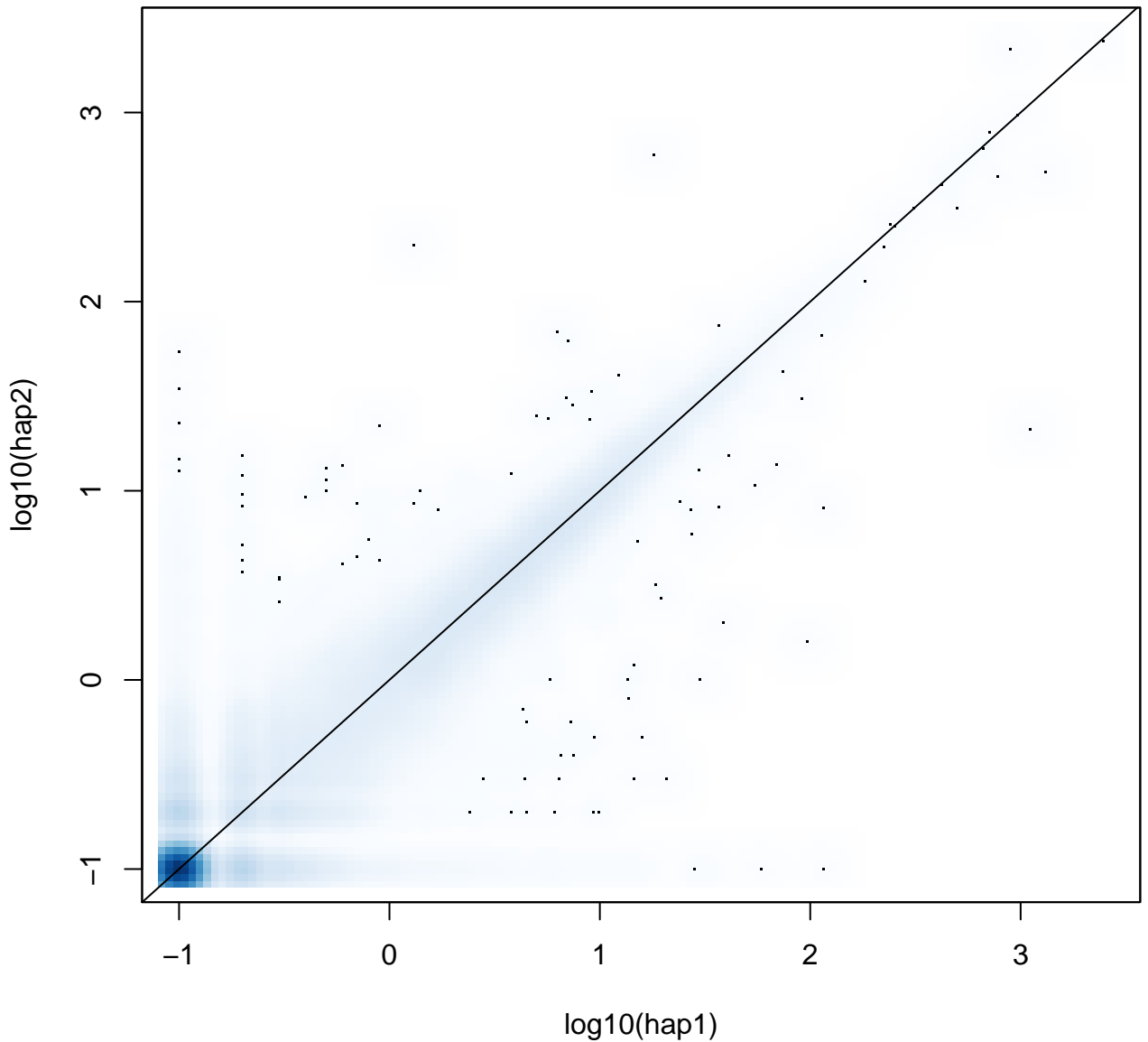
# NA12044: compare hap1 vs hap2 counts



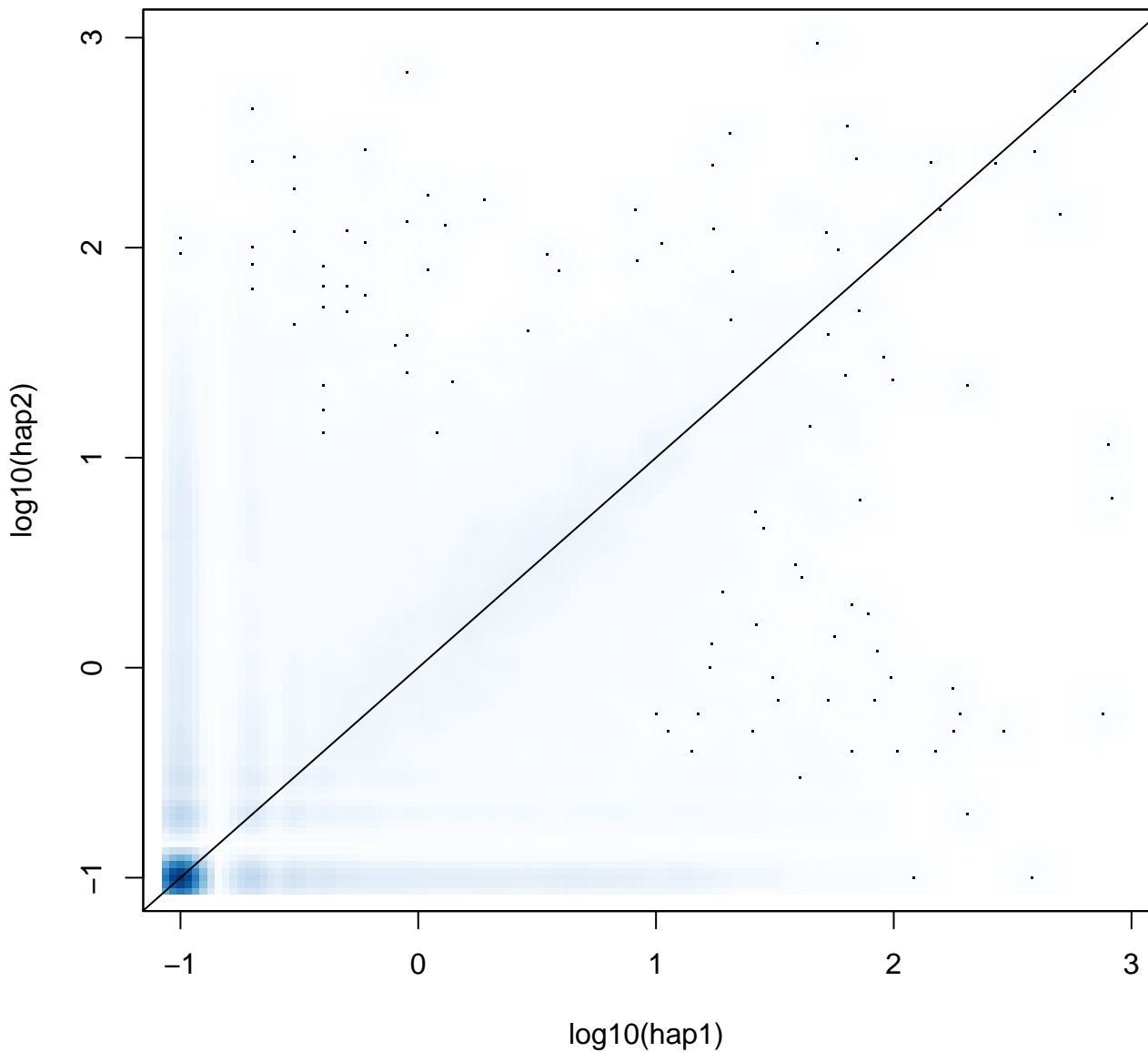
# NA12045: compare hap1 vs hap2 counts



# NA12058: compare hap1 vs hap2 counts

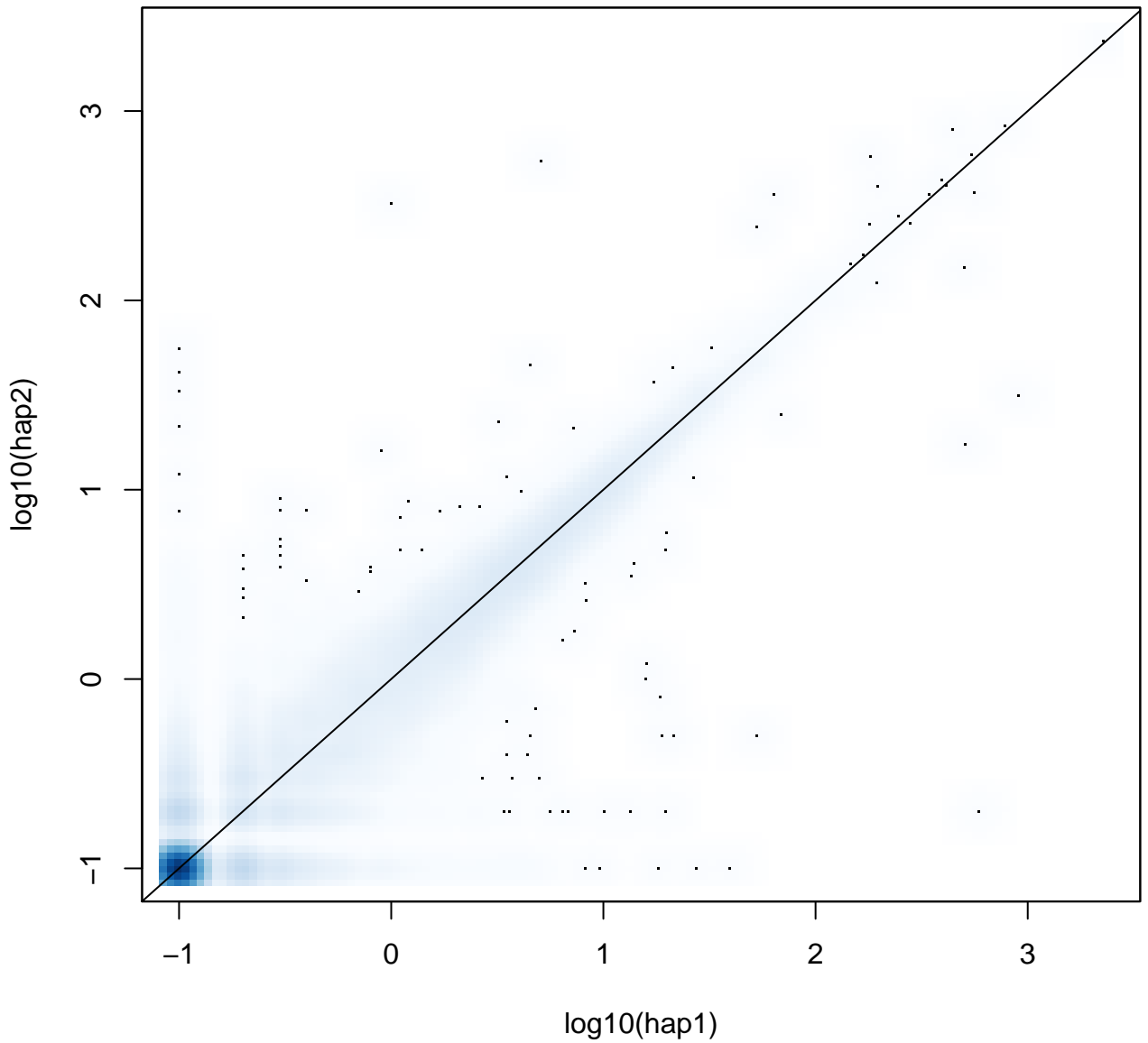


# NA12144: compare hap1 vs hap2 counts

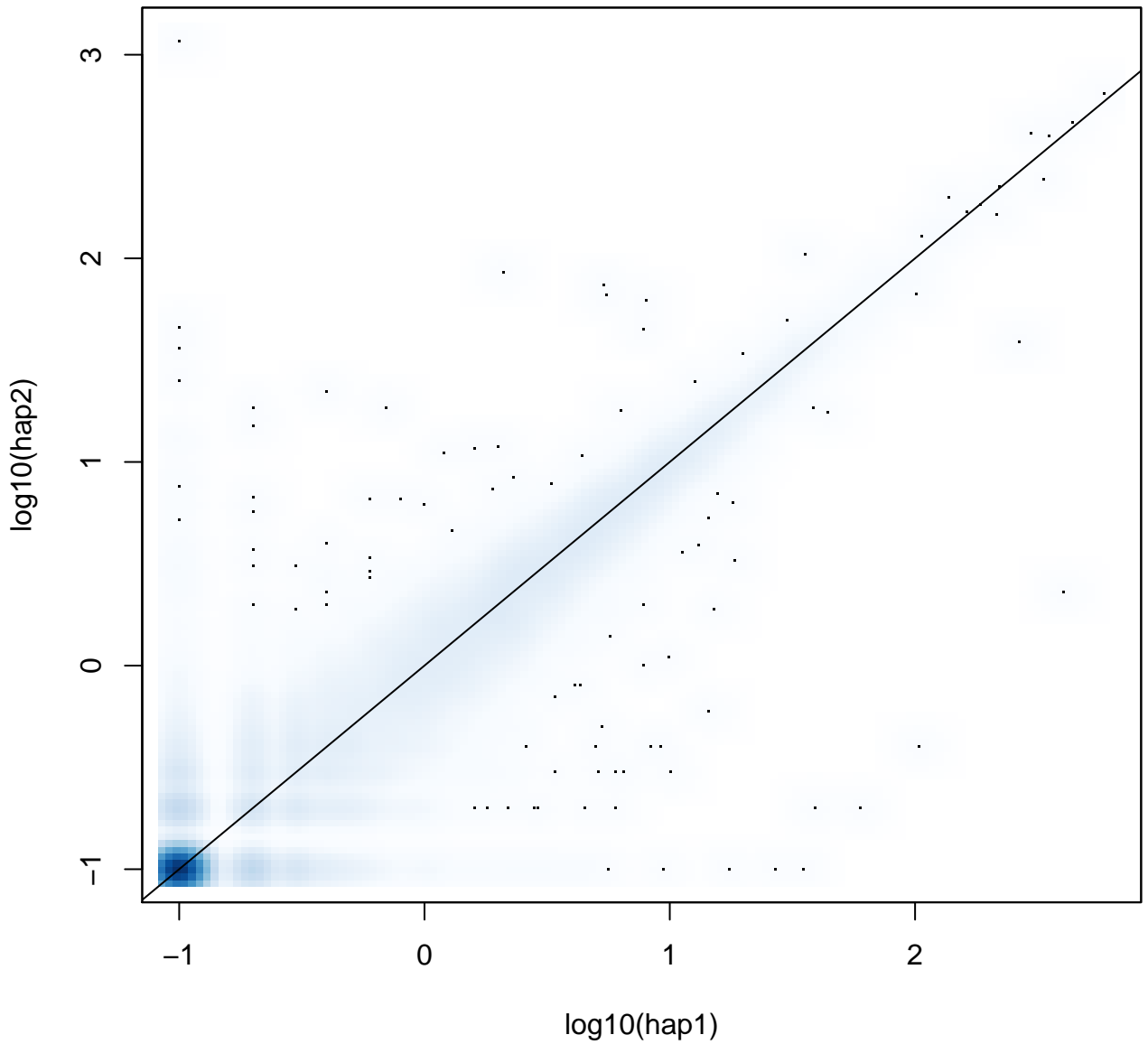




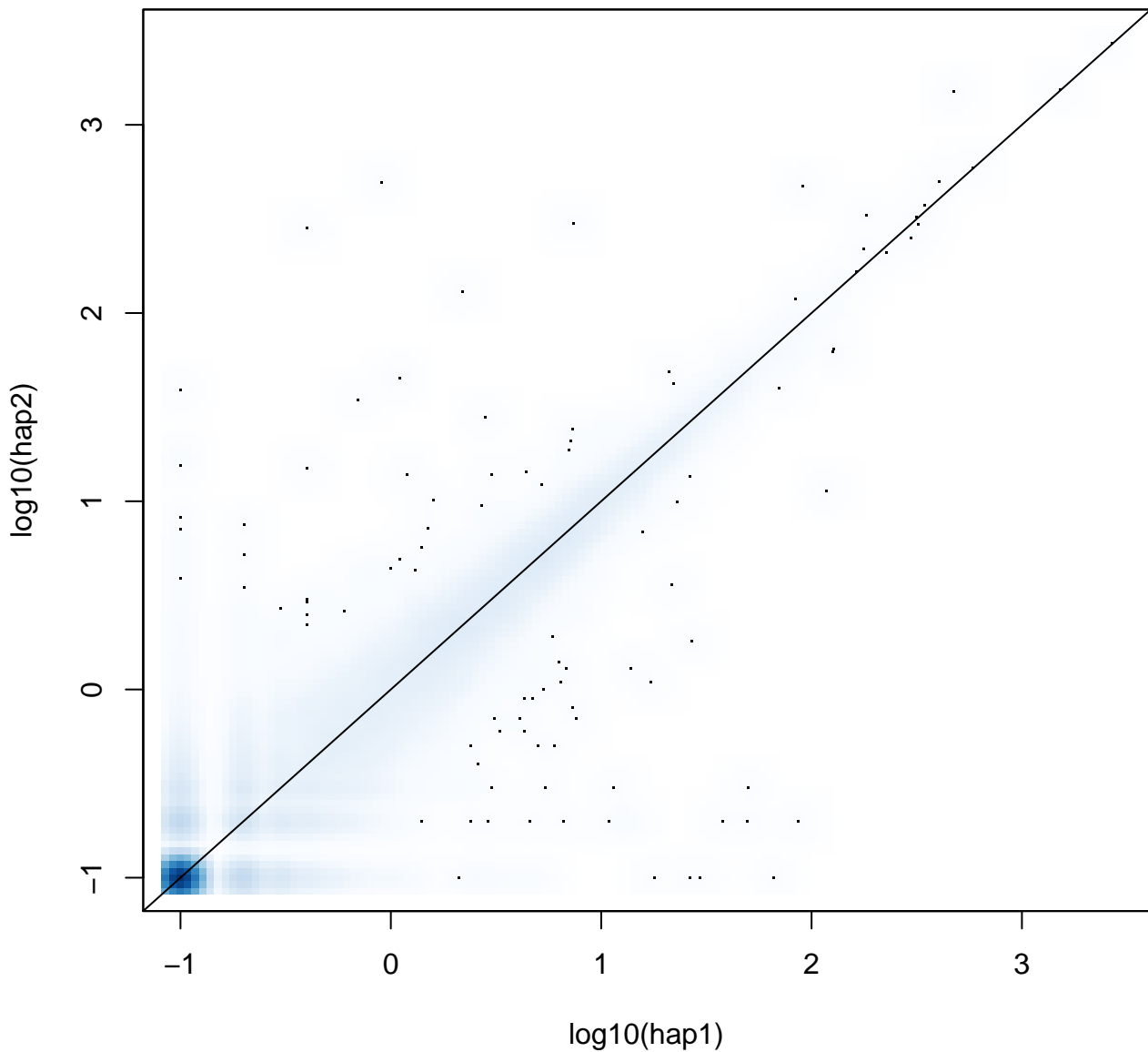
# NA12154: compare hap1 vs hap2 counts



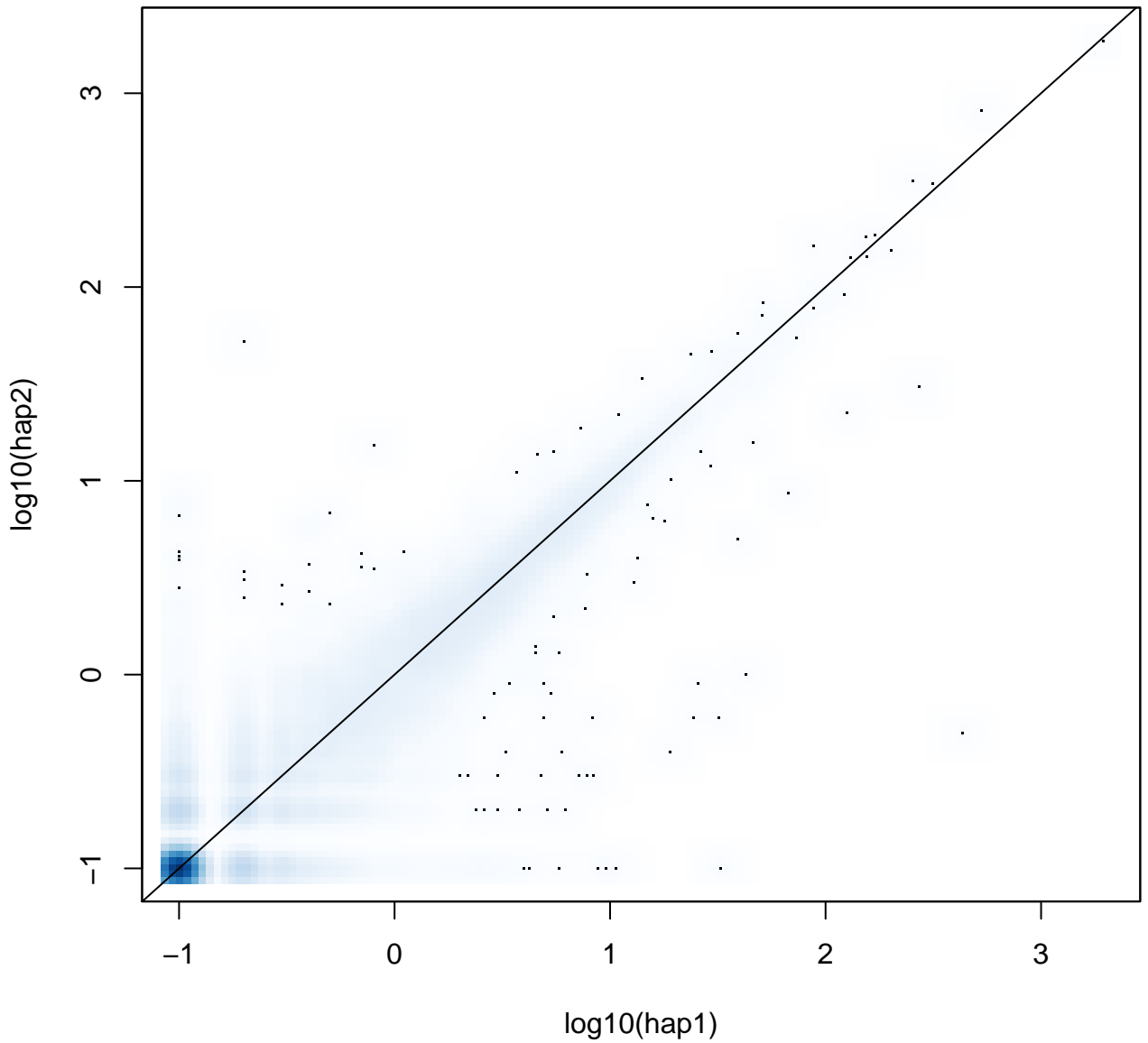
# NA12155: compare hap1 vs hap2 counts



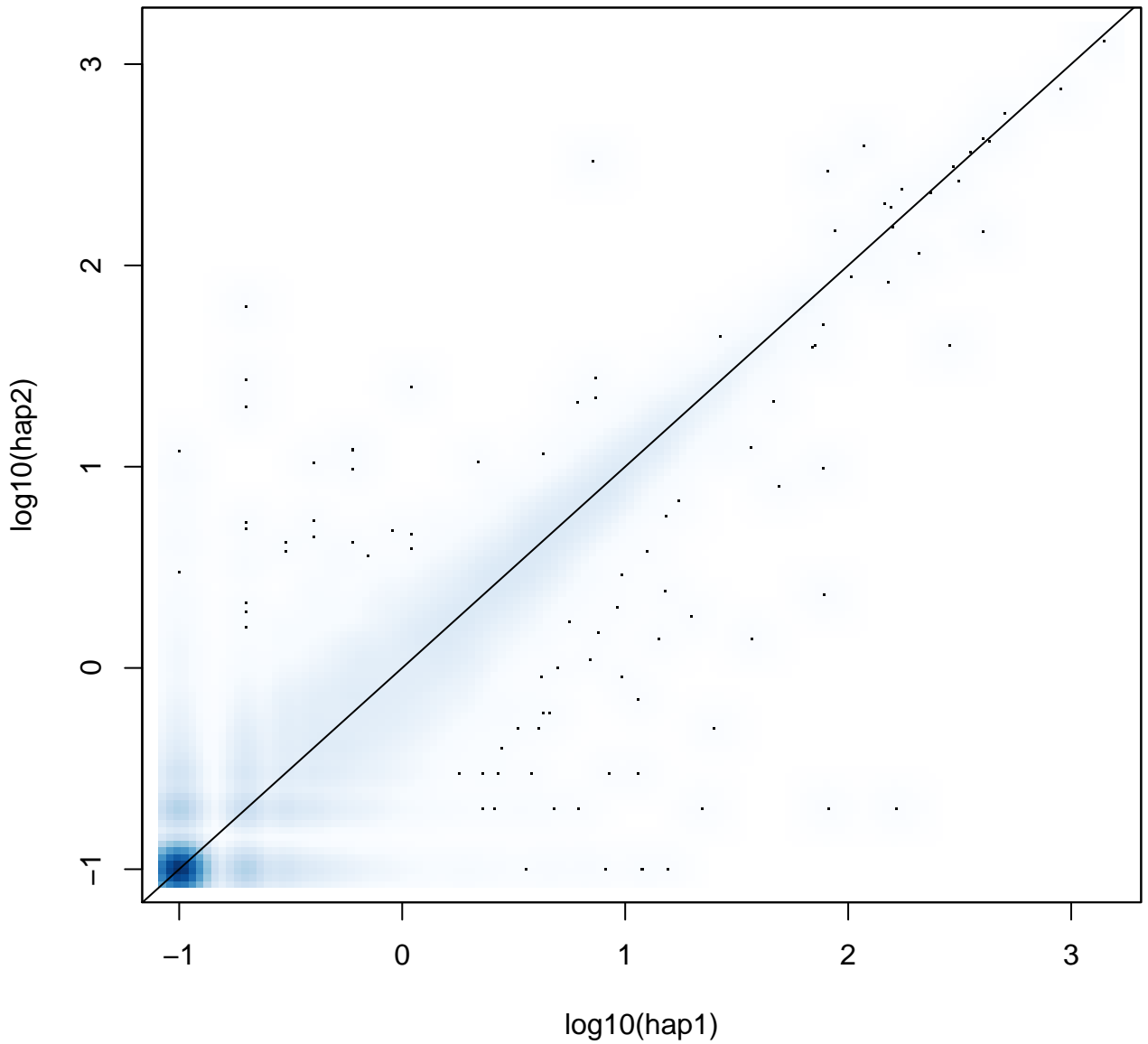
# NA12249: compare hap1 vs hap2 counts



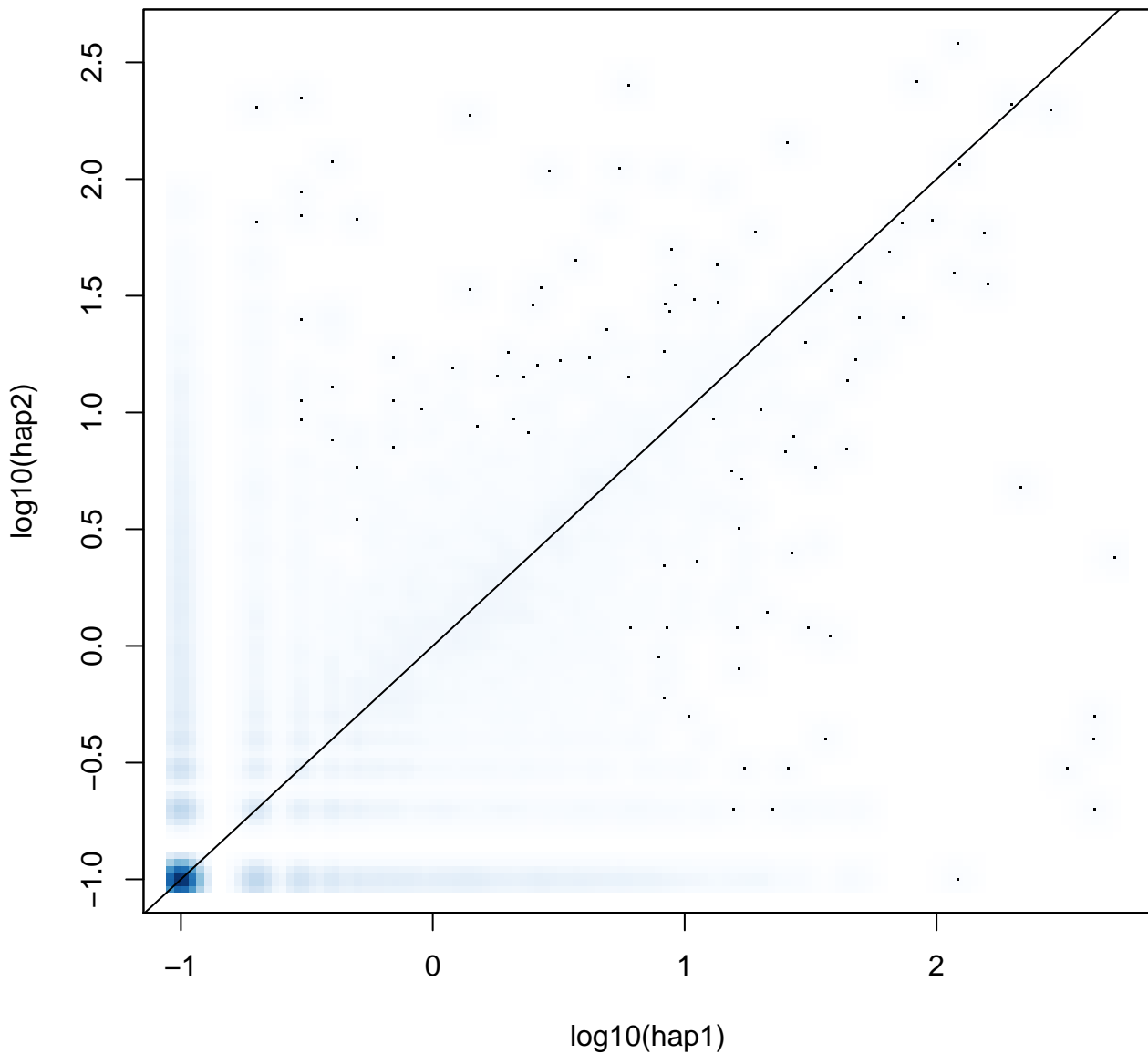
# NA12272: compare hap1 vs hap2 counts



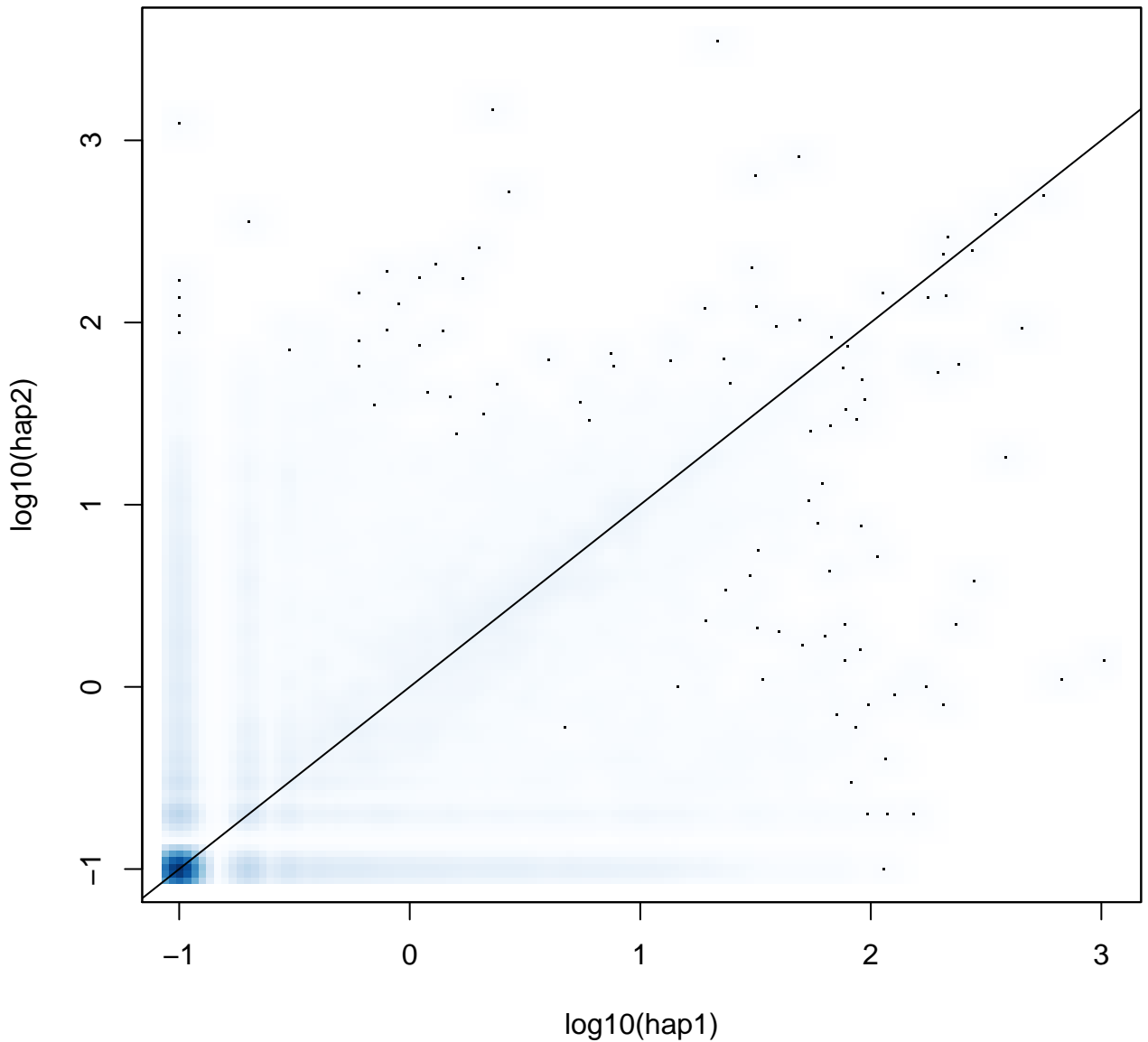
# NA12273: compare hap1 vs hap2 counts



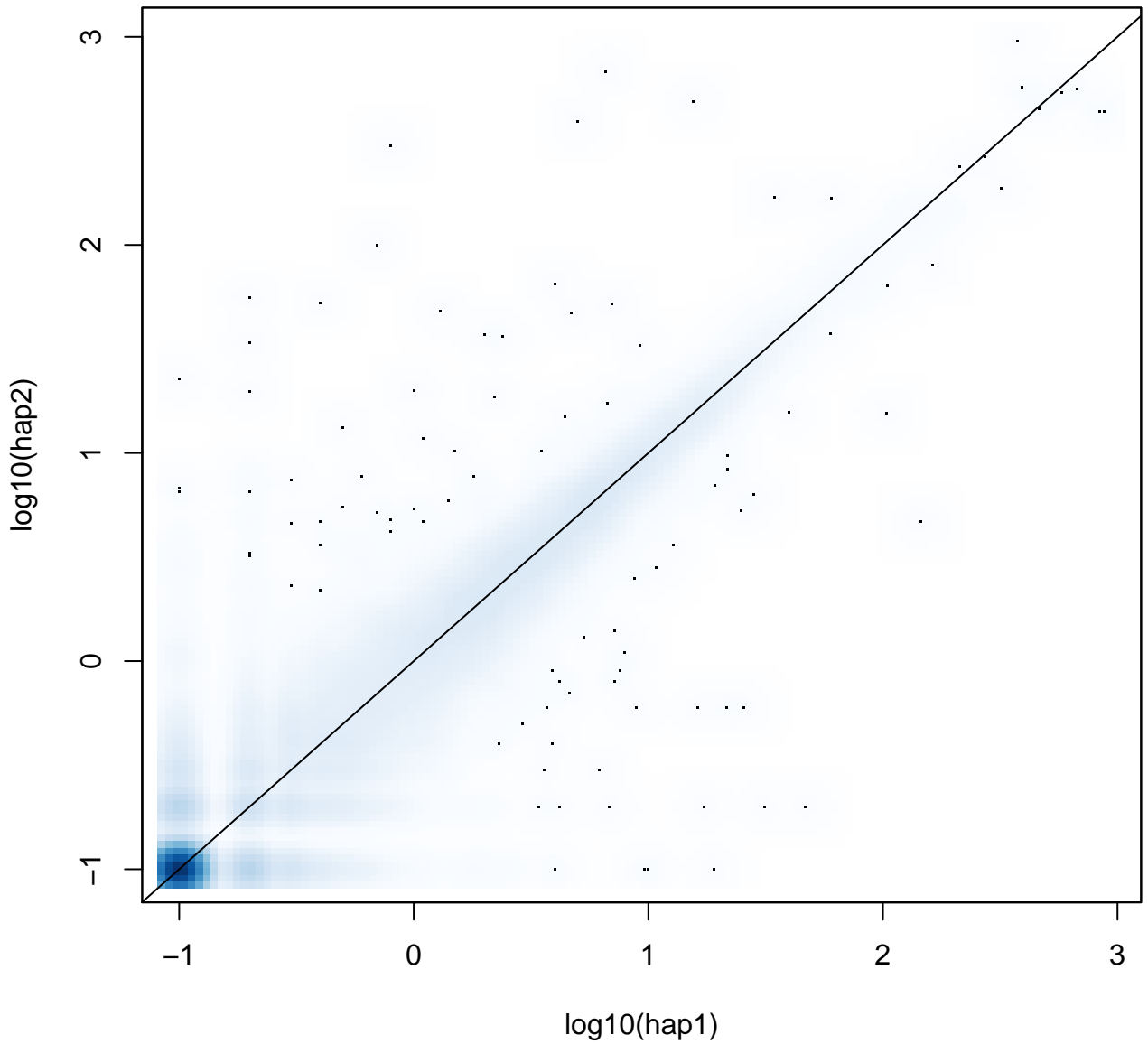
# NA12275: compare hap1 vs hap2 counts



# NA12282: compare hap1 vs hap2 counts

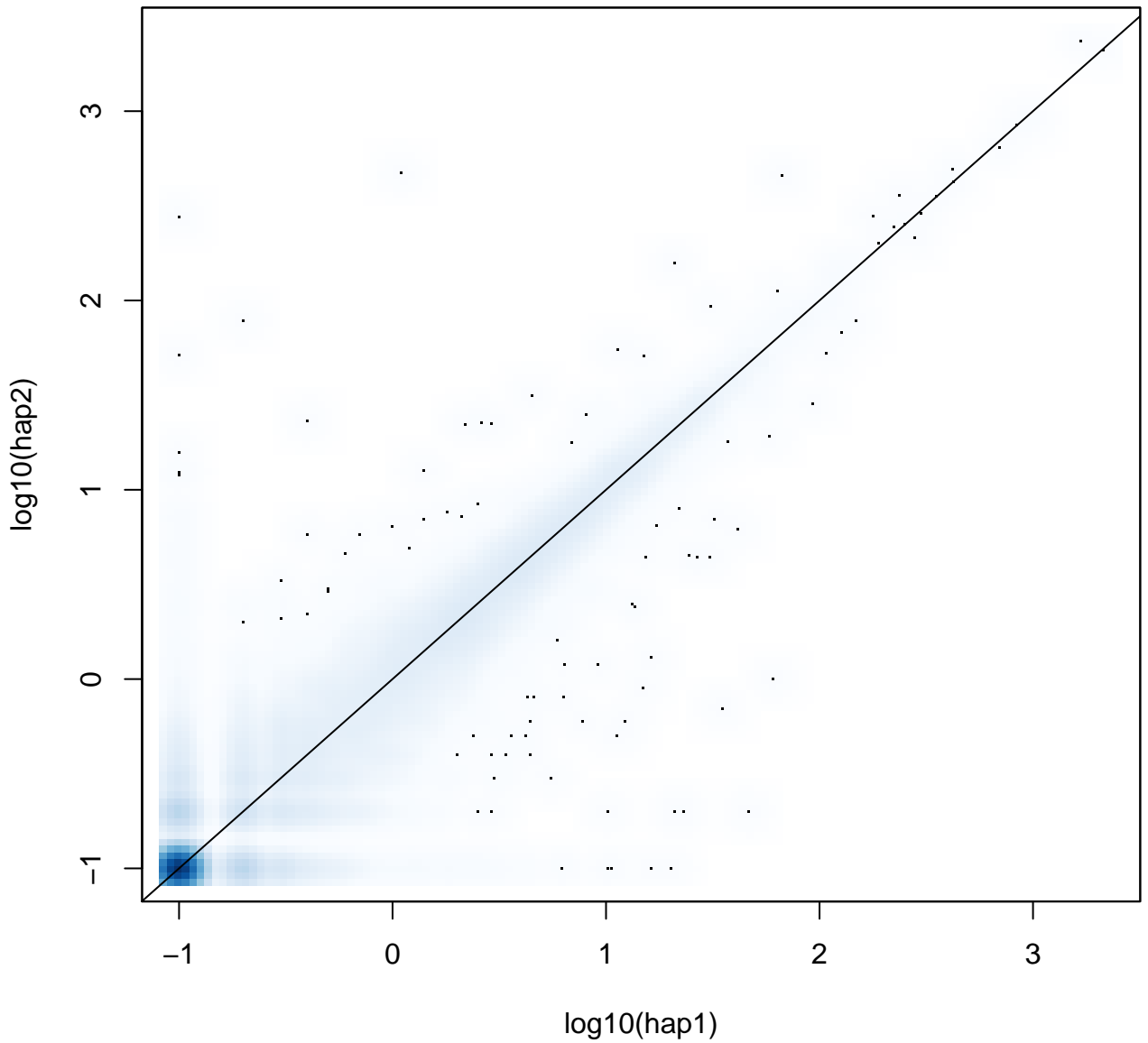


# NA12283: compare hap1 vs hap2 counts

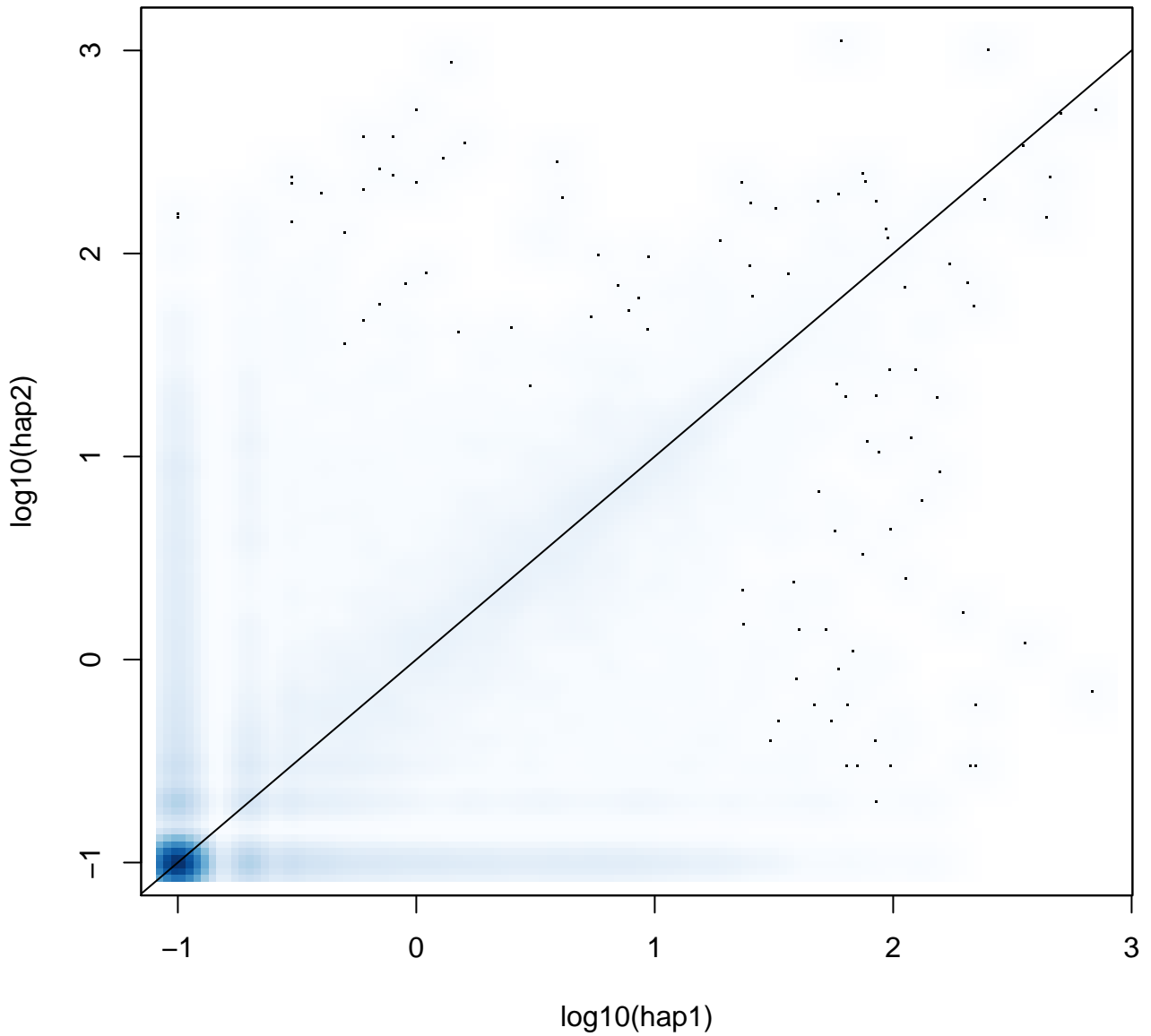




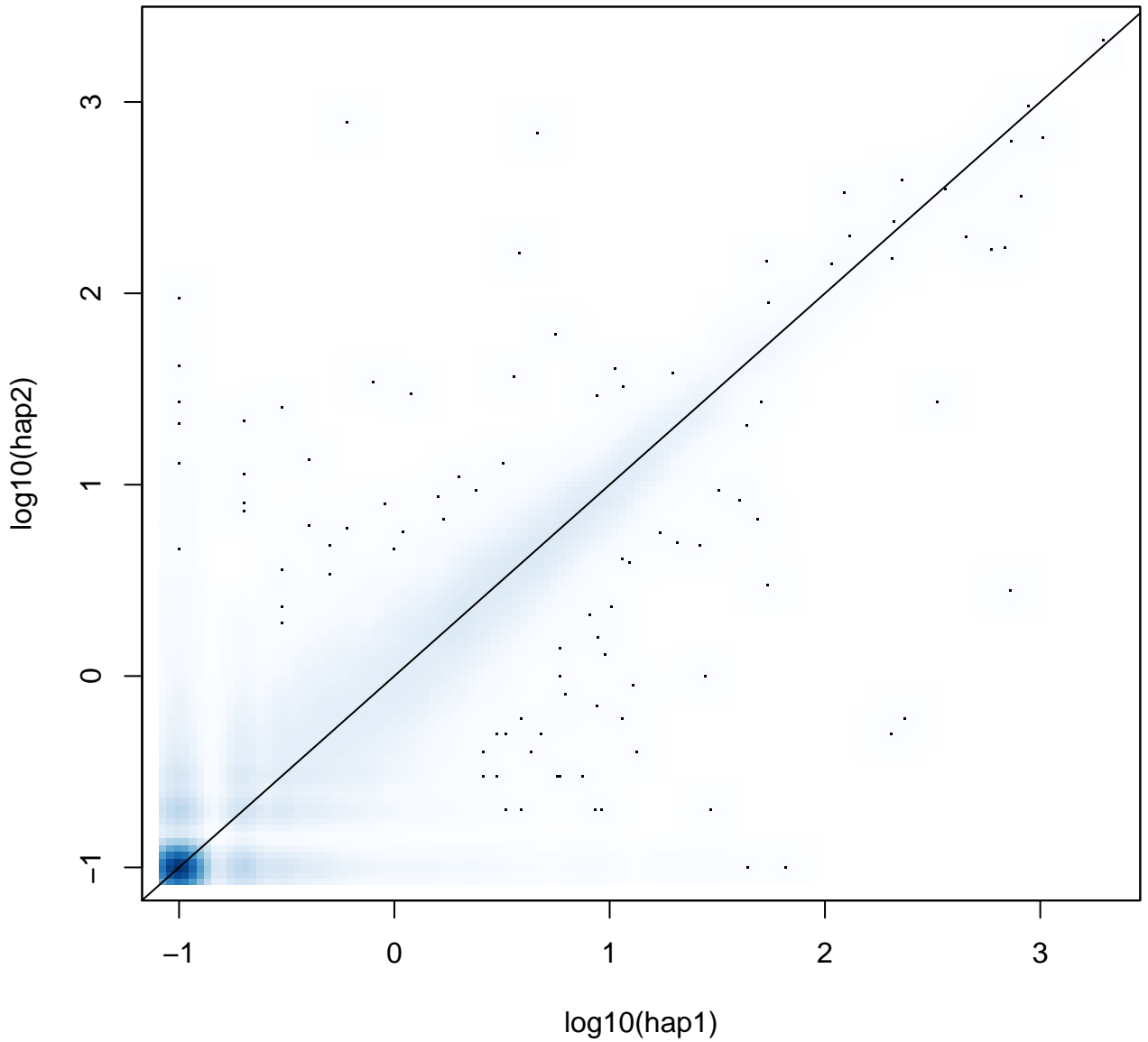
# NA12286: compare hap1 vs hap2 counts



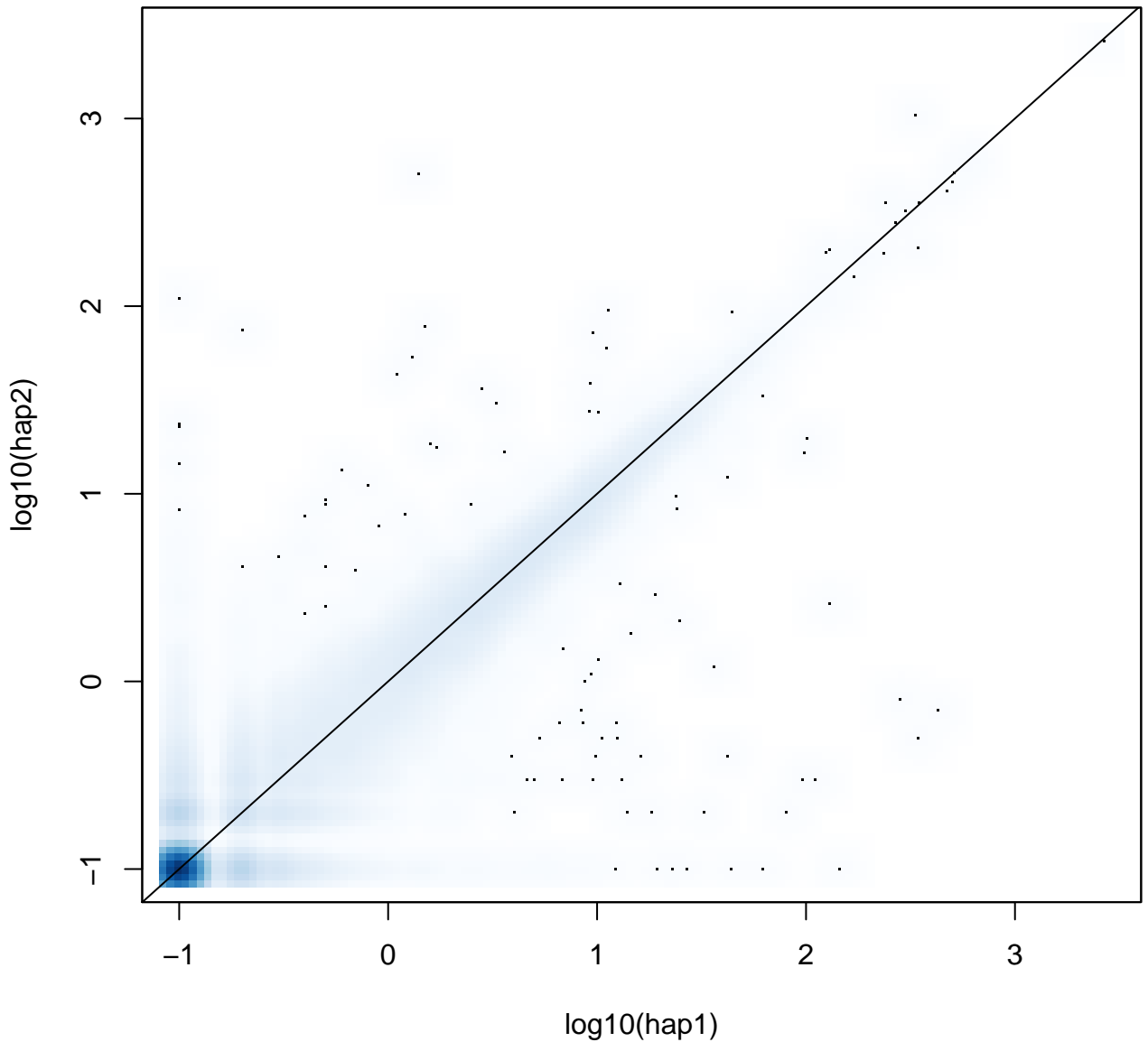
# NA12287: compare hap1 vs hap2 counts



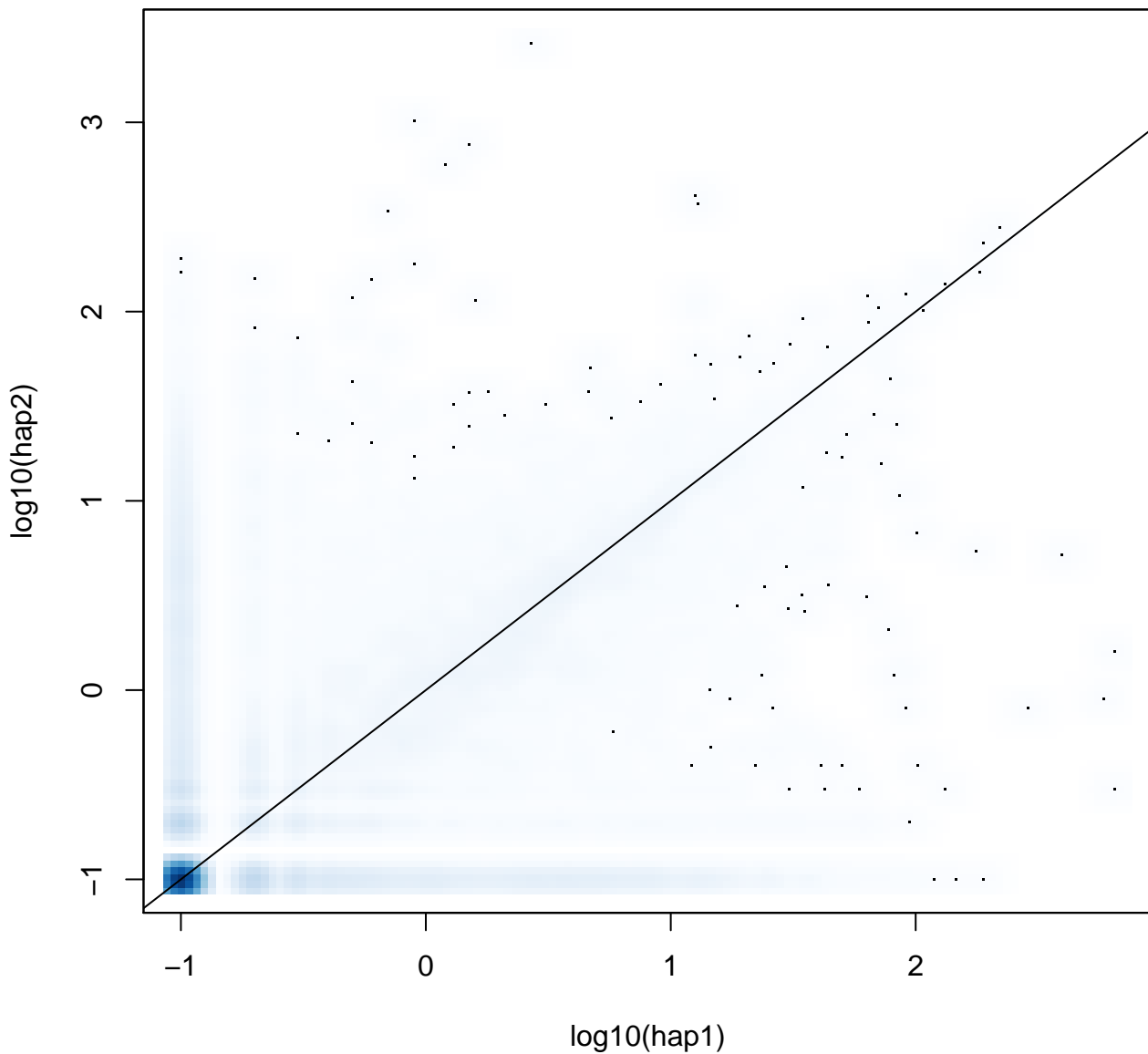
# NA12340: compare hap1 vs hap2 counts



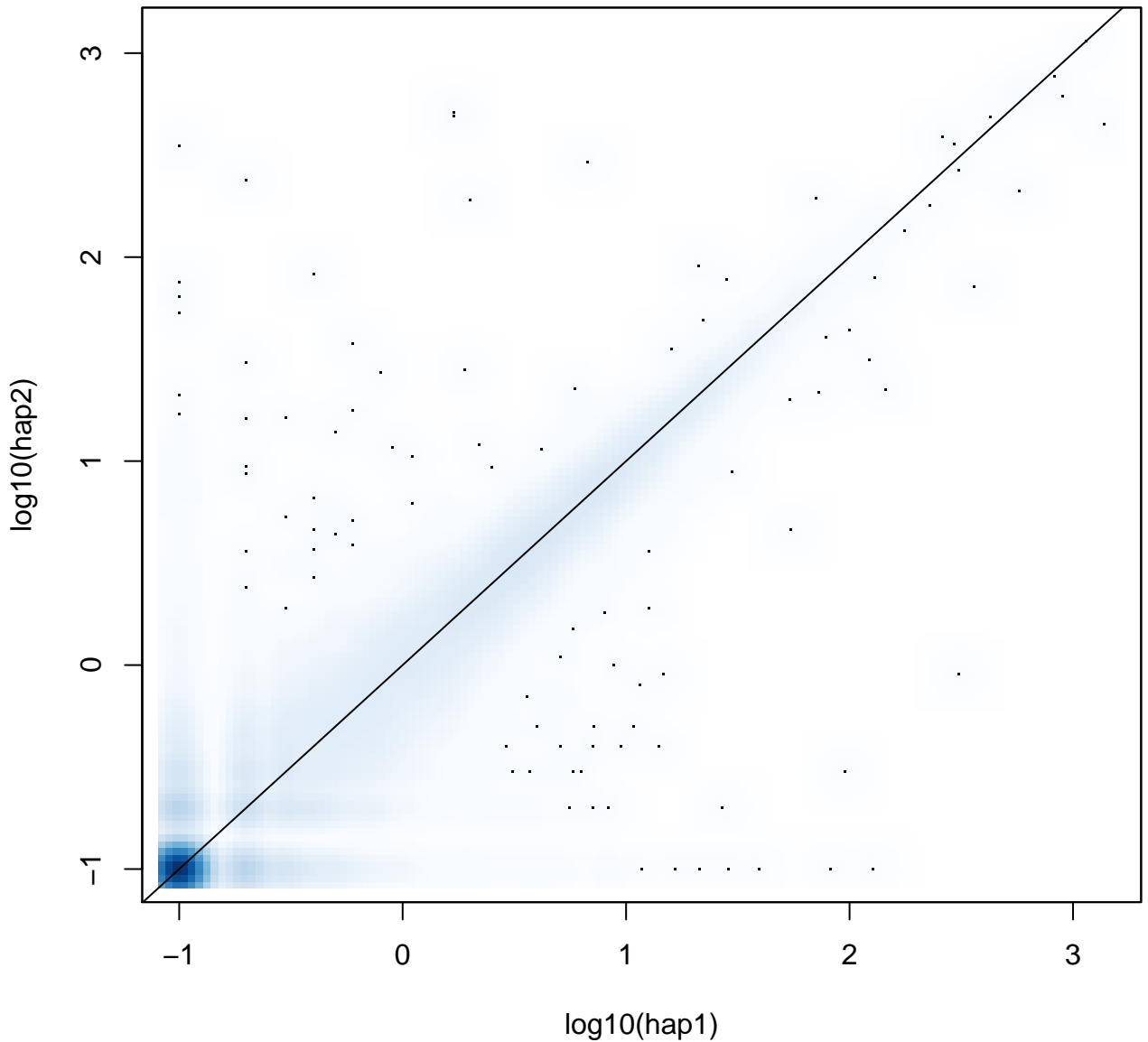
# NA12341: compare hap1 vs hap2 counts



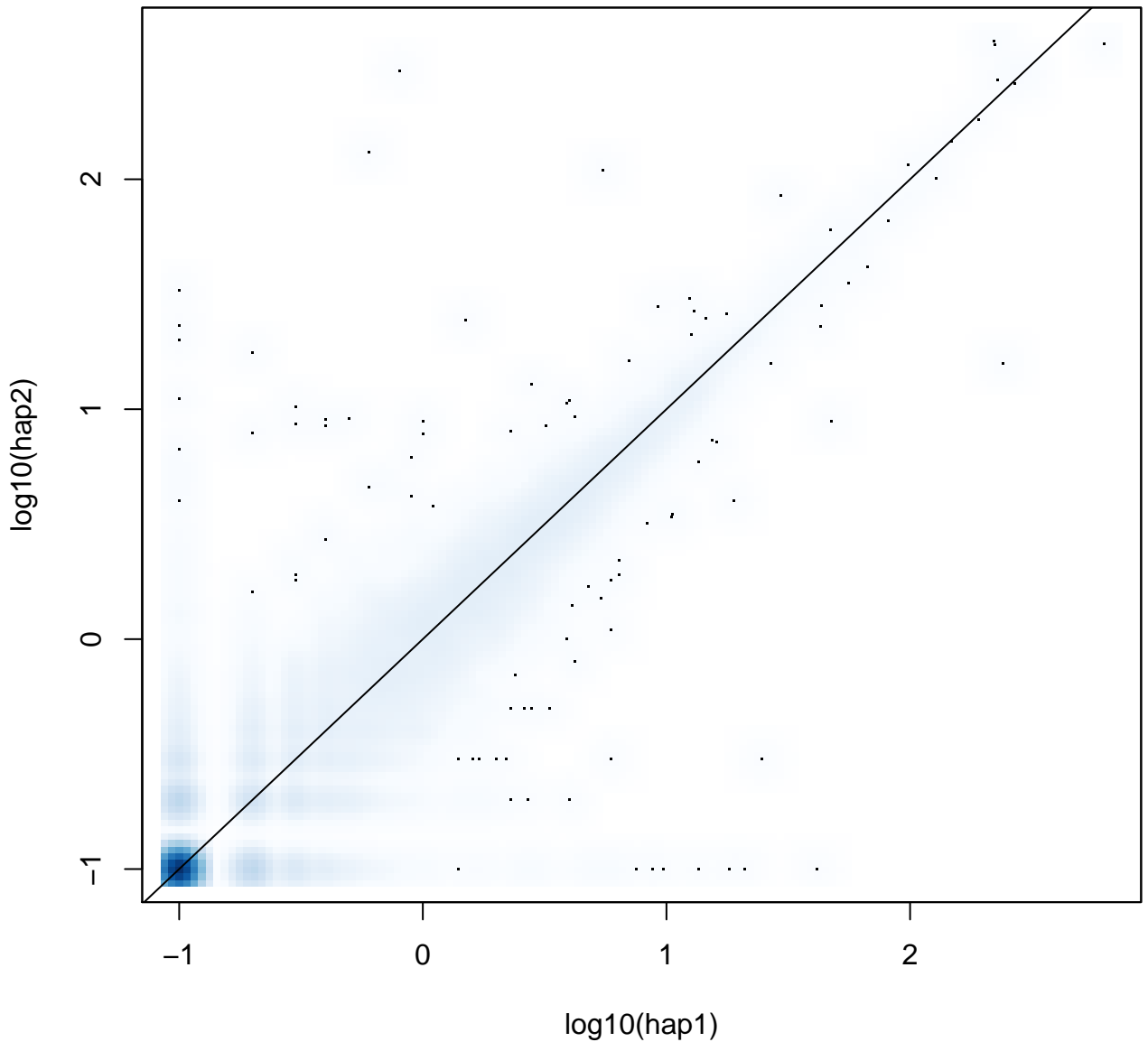
# NA12342: compare hap1 vs hap2 counts



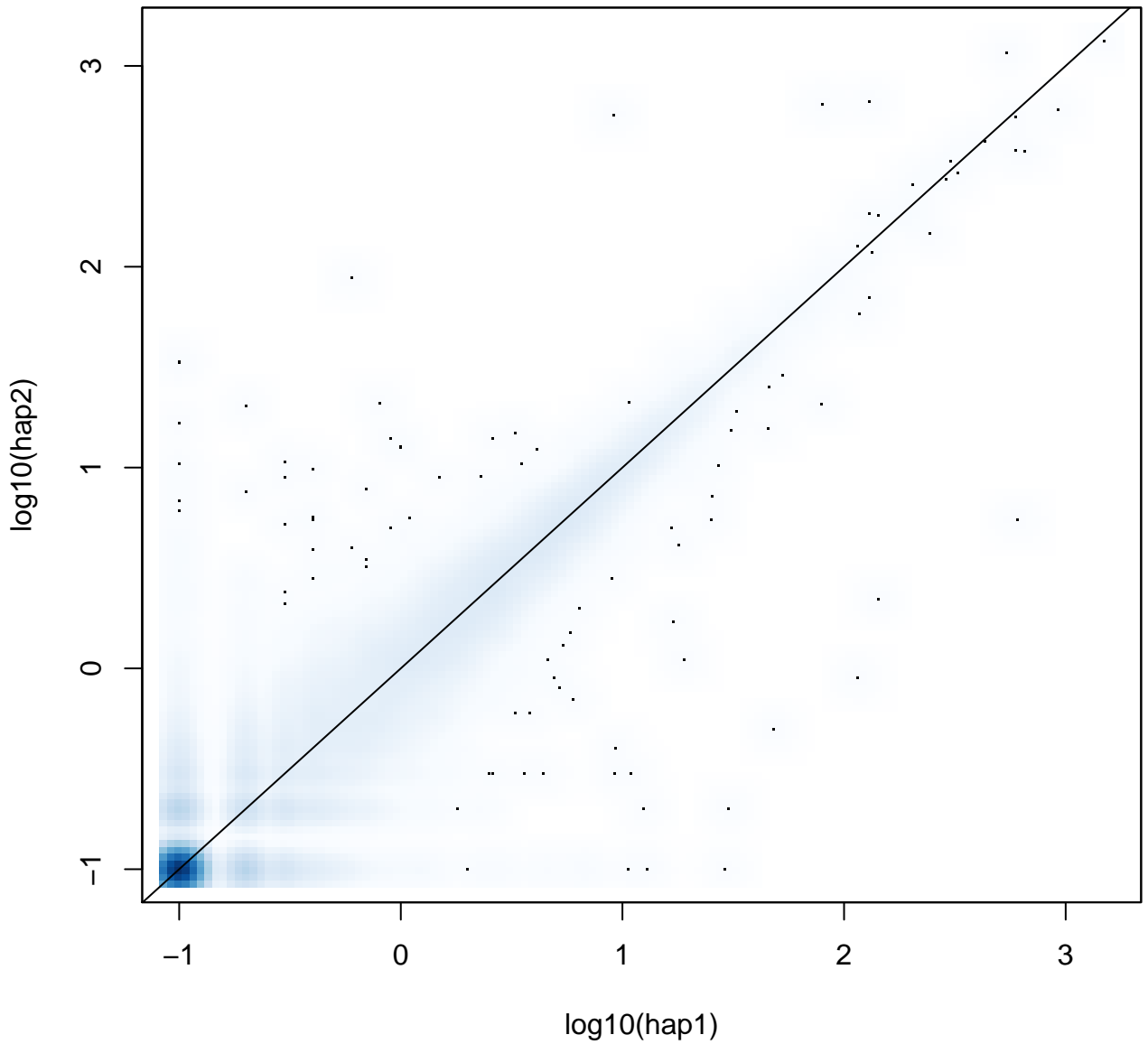
# NA12347: compare hap1 vs hap2 counts



# NA12348: compare hap1 vs hap2 counts

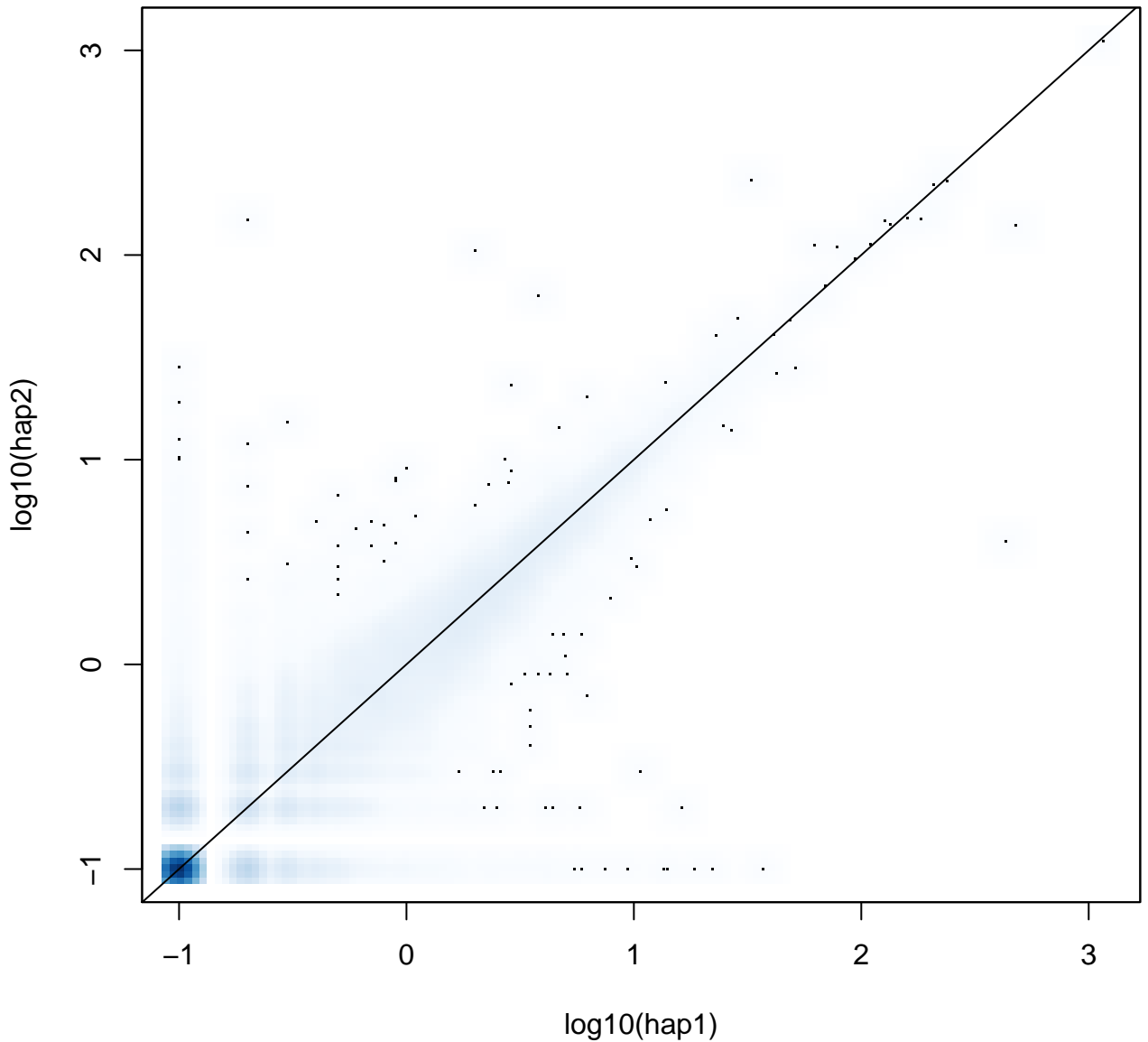


# NA12383: compare hap1 vs hap2 counts

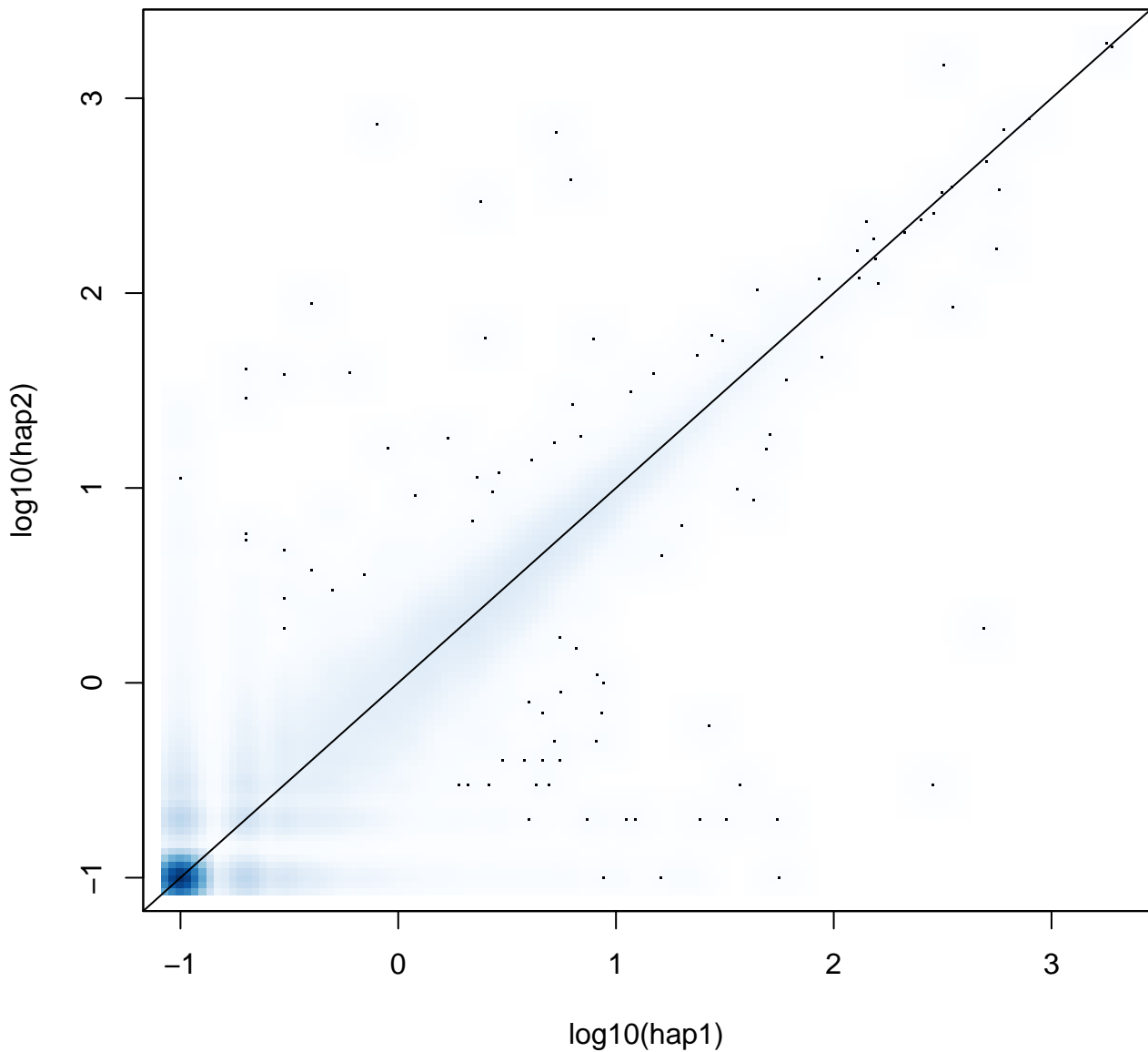




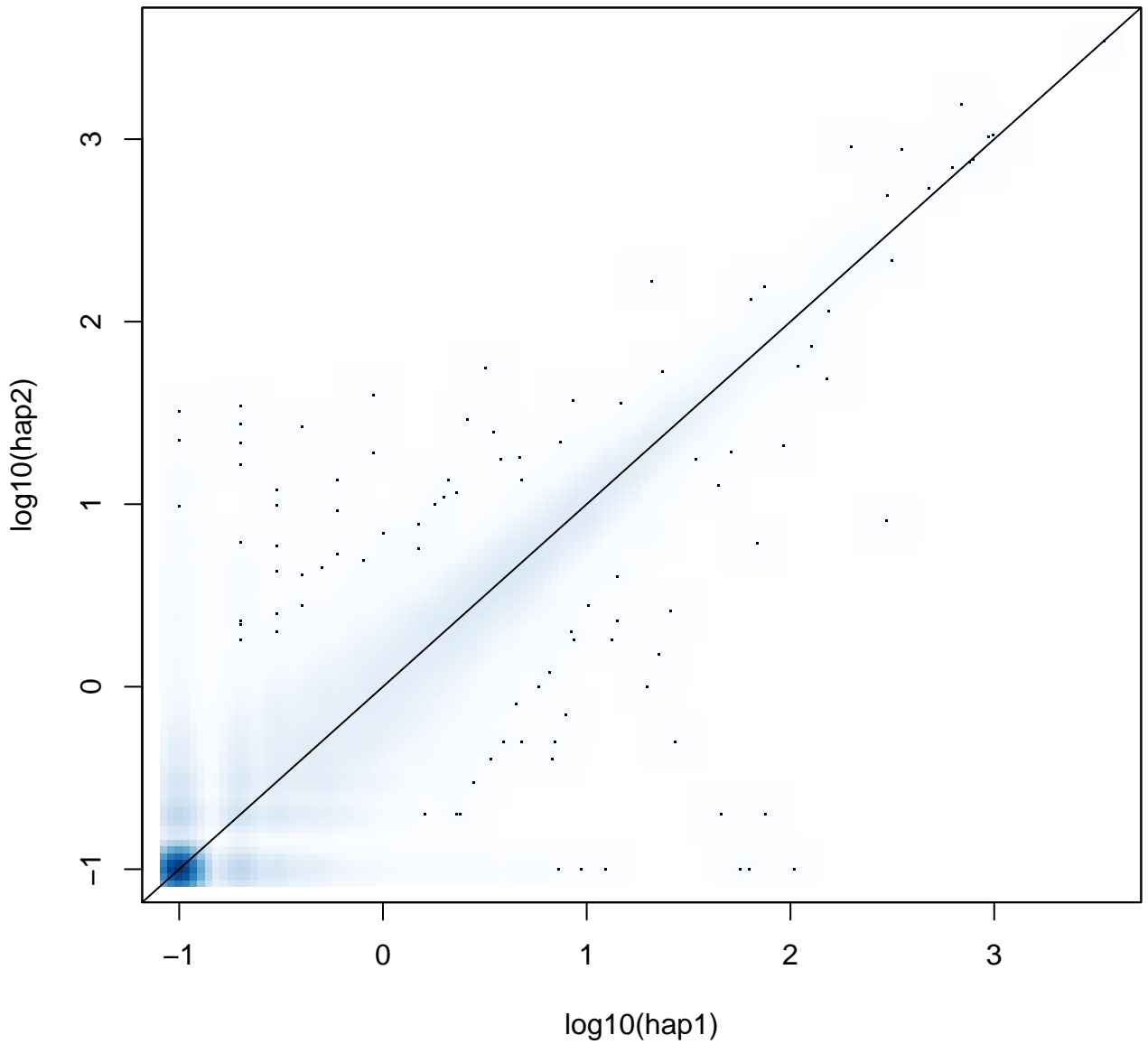
# NA12399: compare hap1 vs hap2 counts



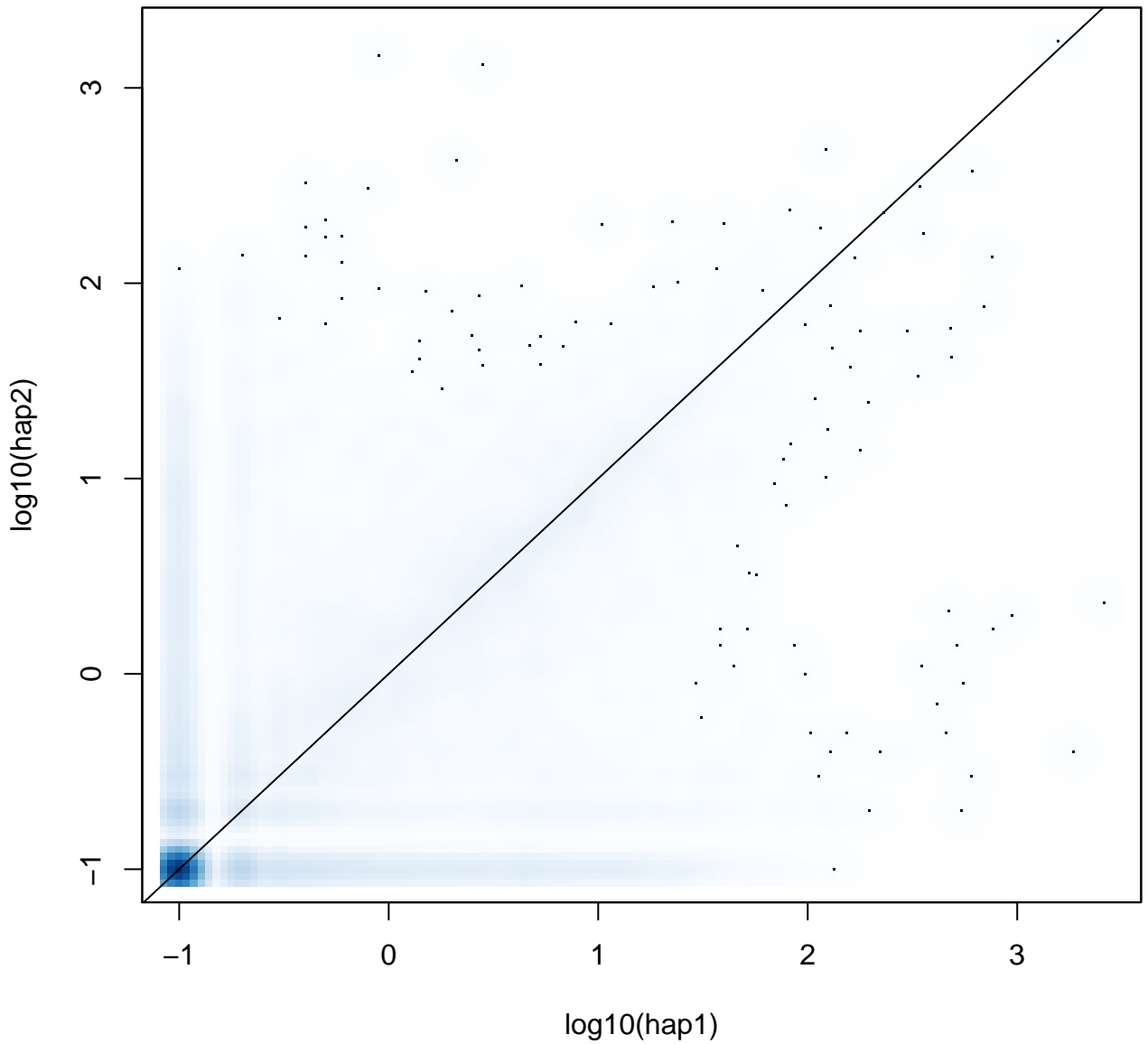
# NA12400: compare hap1 vs hap2 counts



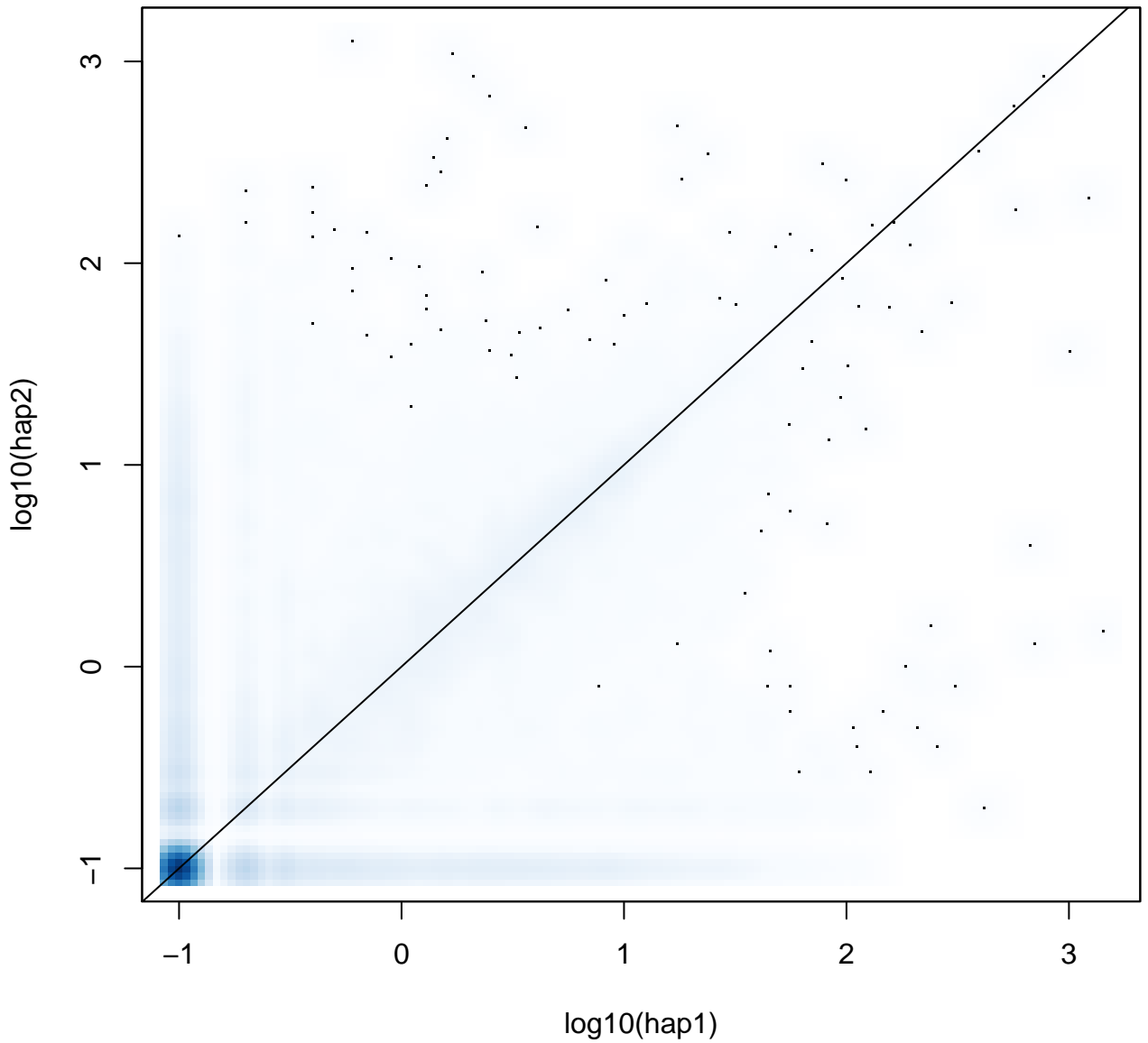
# NA12413: compare hap1 vs hap2 counts



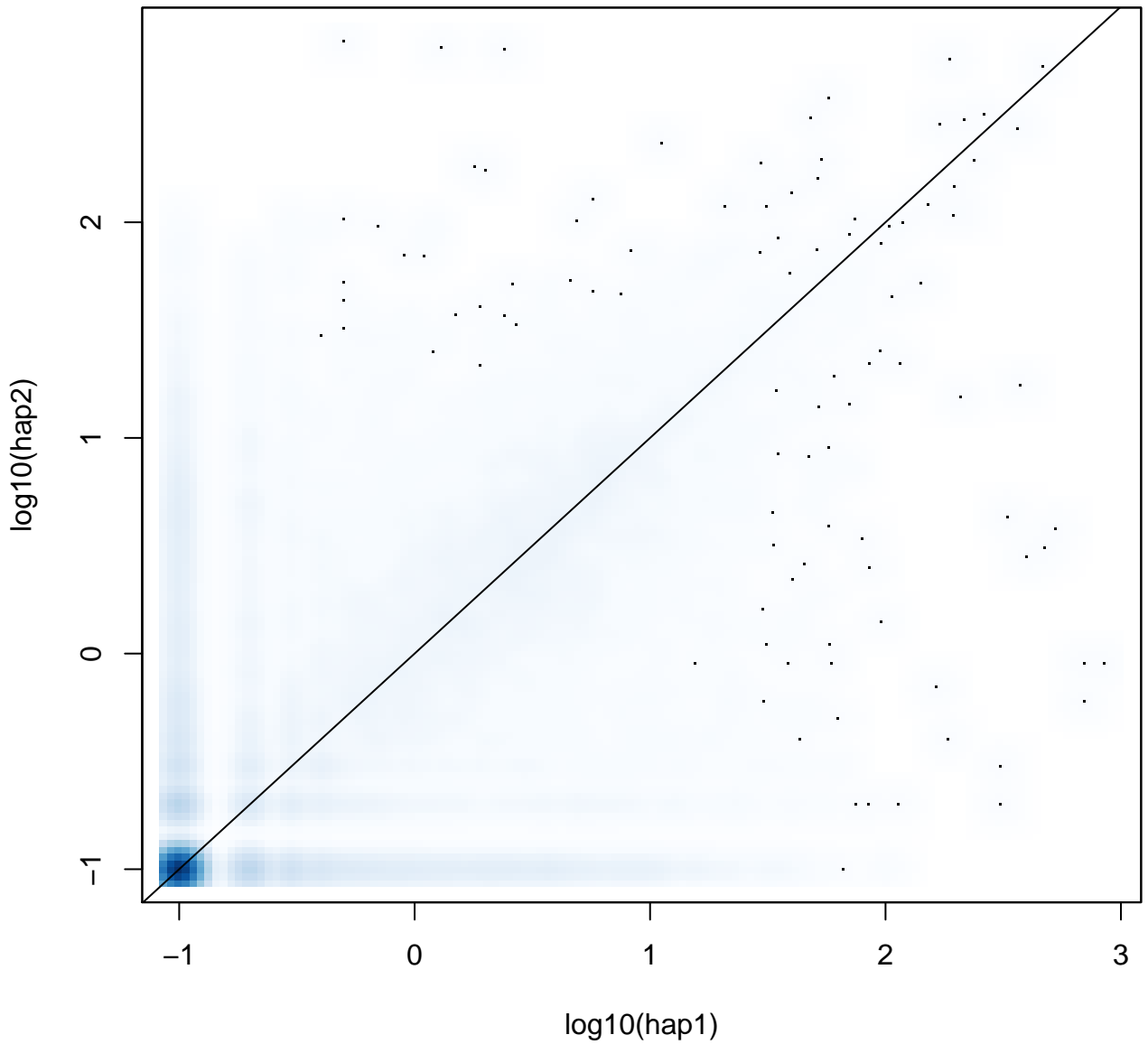
# NA12489: compare hap1 vs hap2 counts



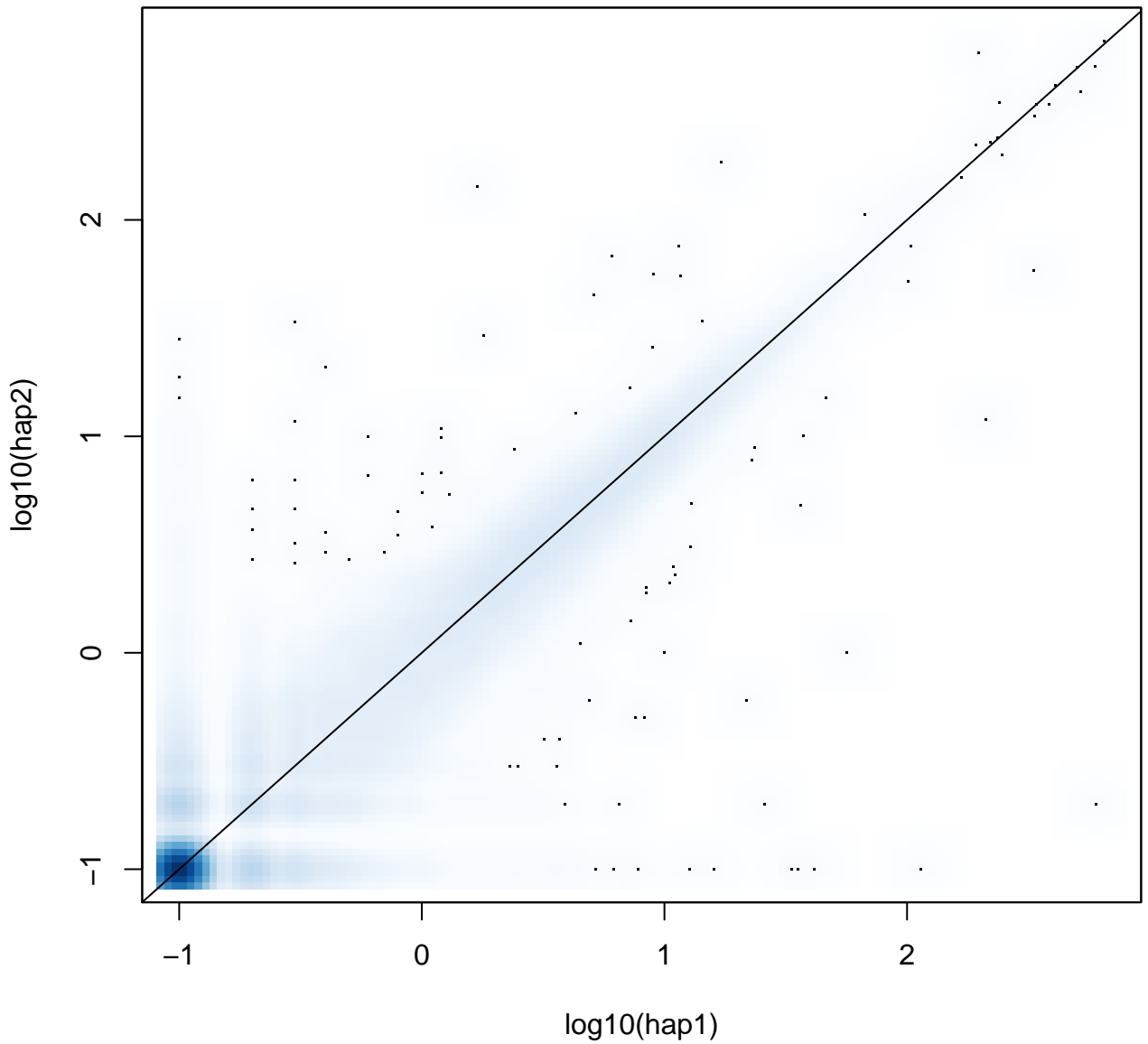
# NA12546: compare hap1 vs hap2 counts



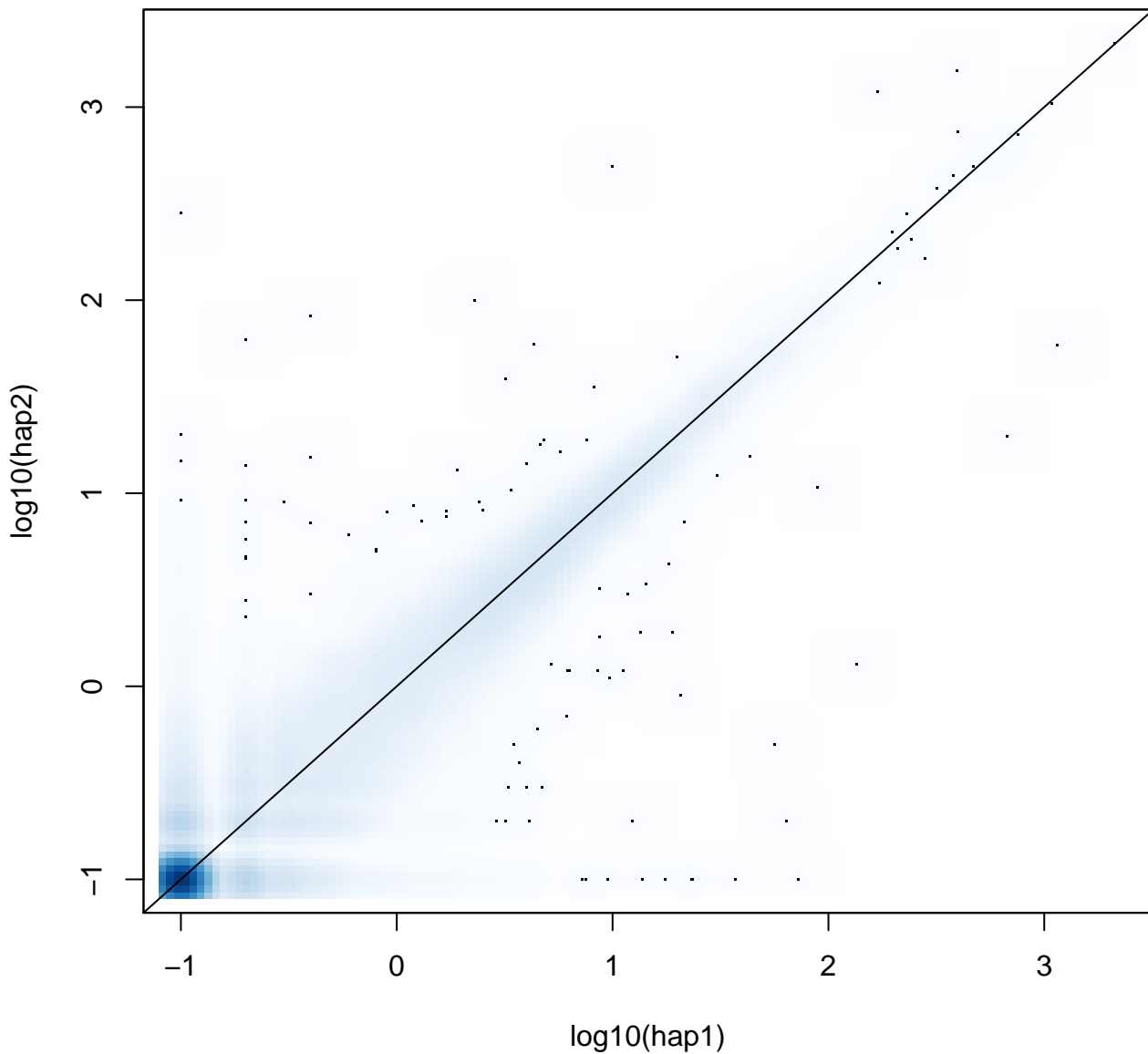
# NA12716: compare hap1 vs hap2 counts



# NA12717: compare hap1 vs hap2 counts

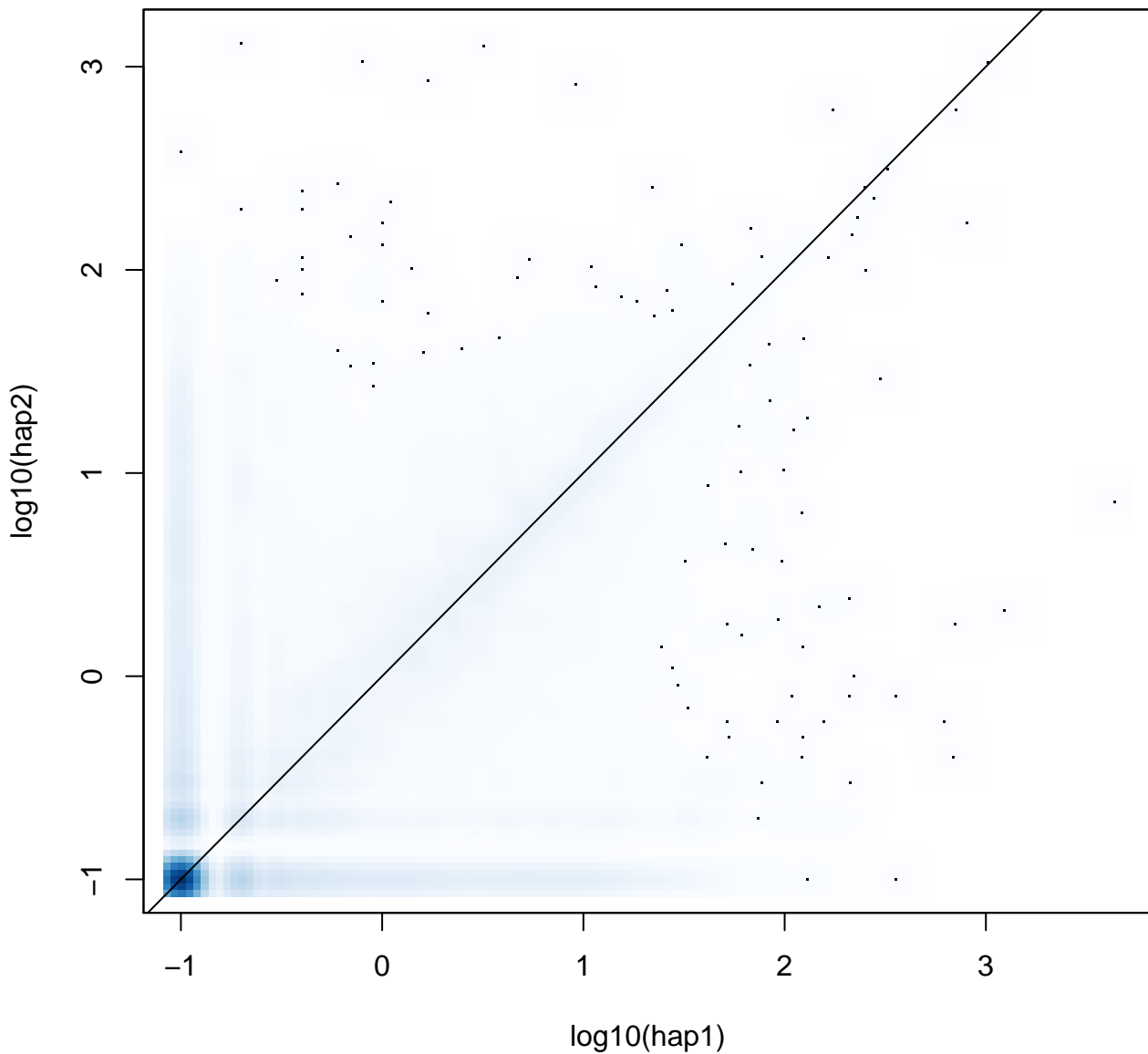


# NA12718: compare hap1 vs hap2 counts

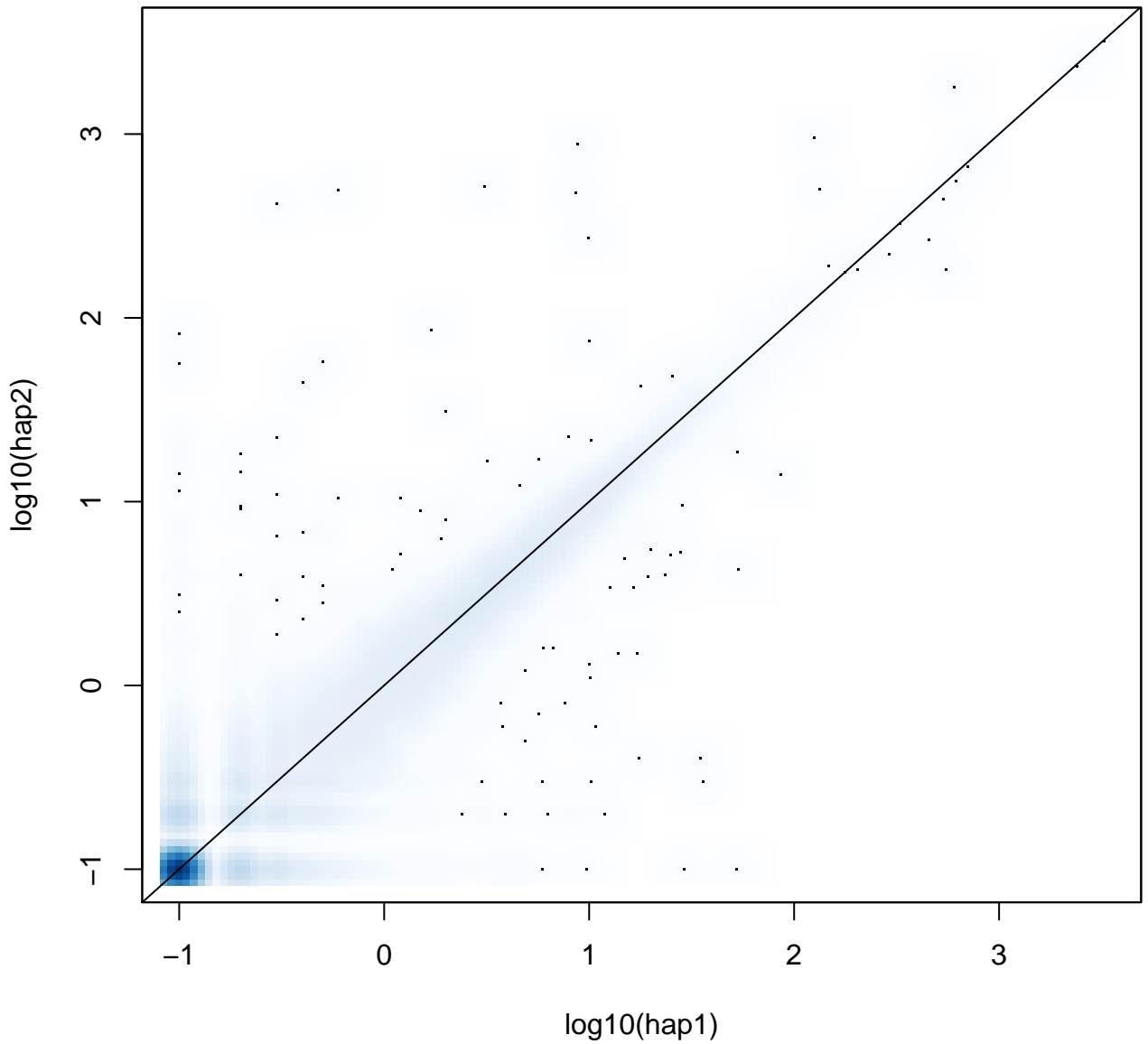




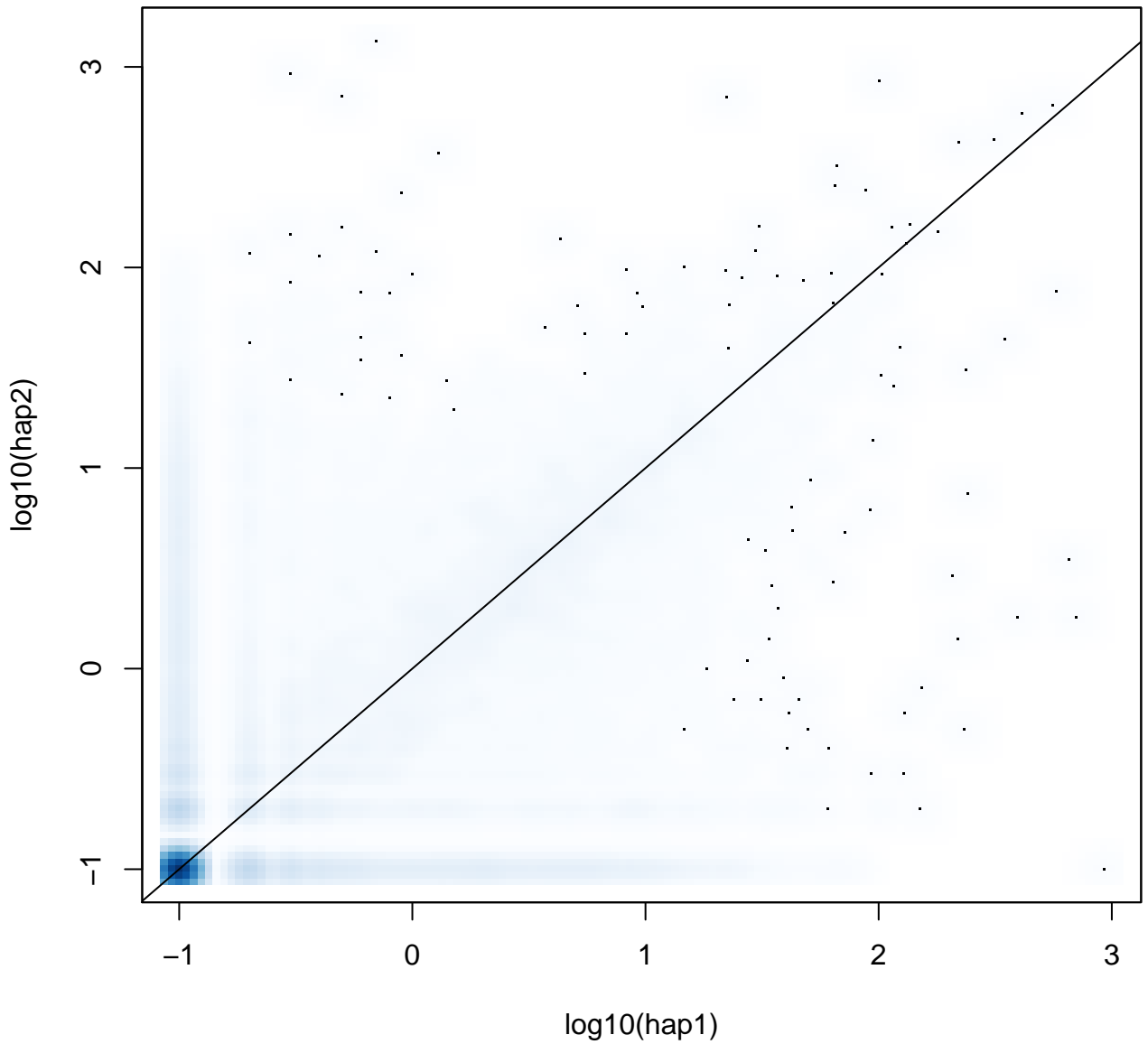
# NA12749: compare hap1 vs hap2 counts



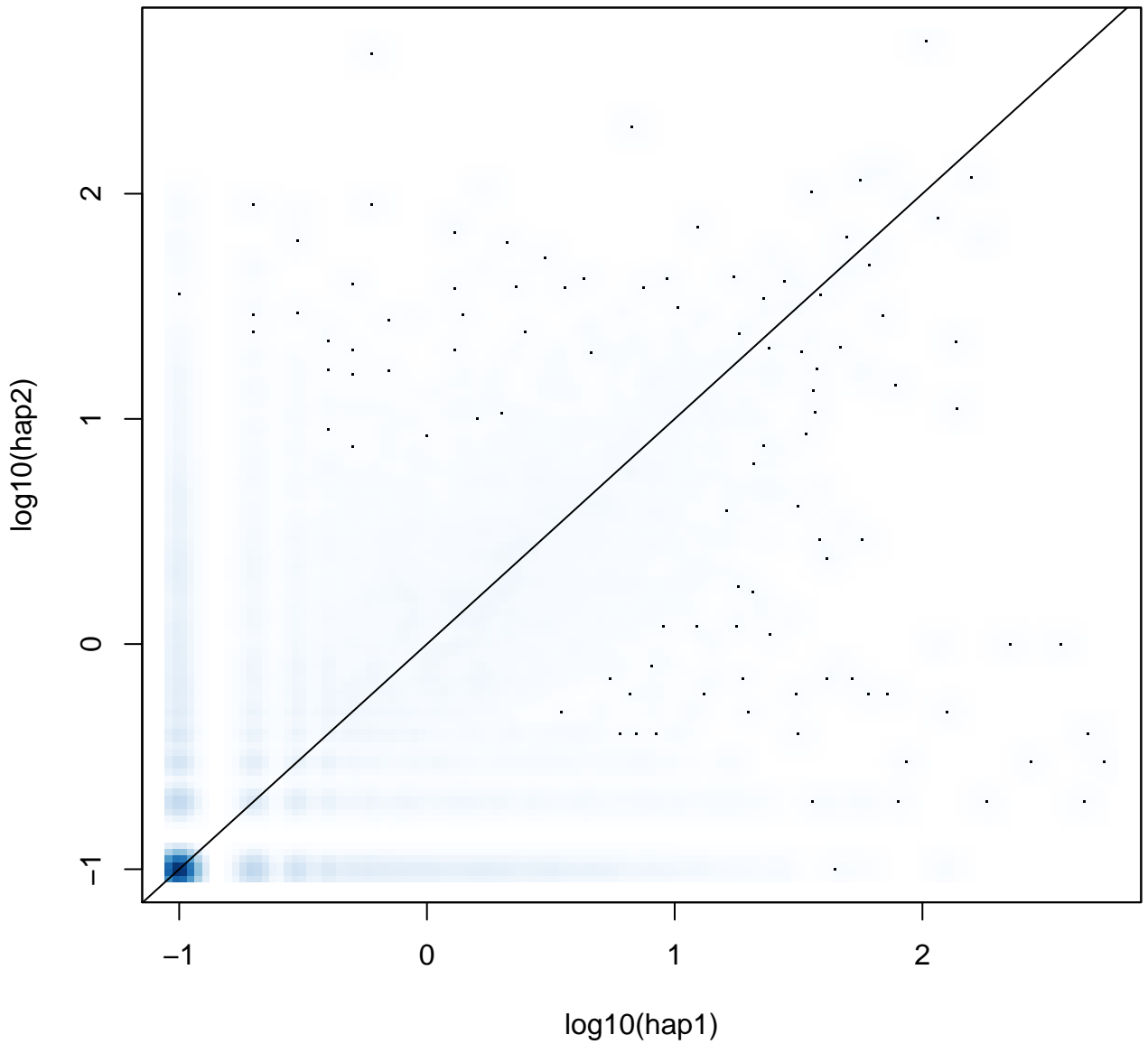
# NA12750: compare hap1 vs hap2 counts



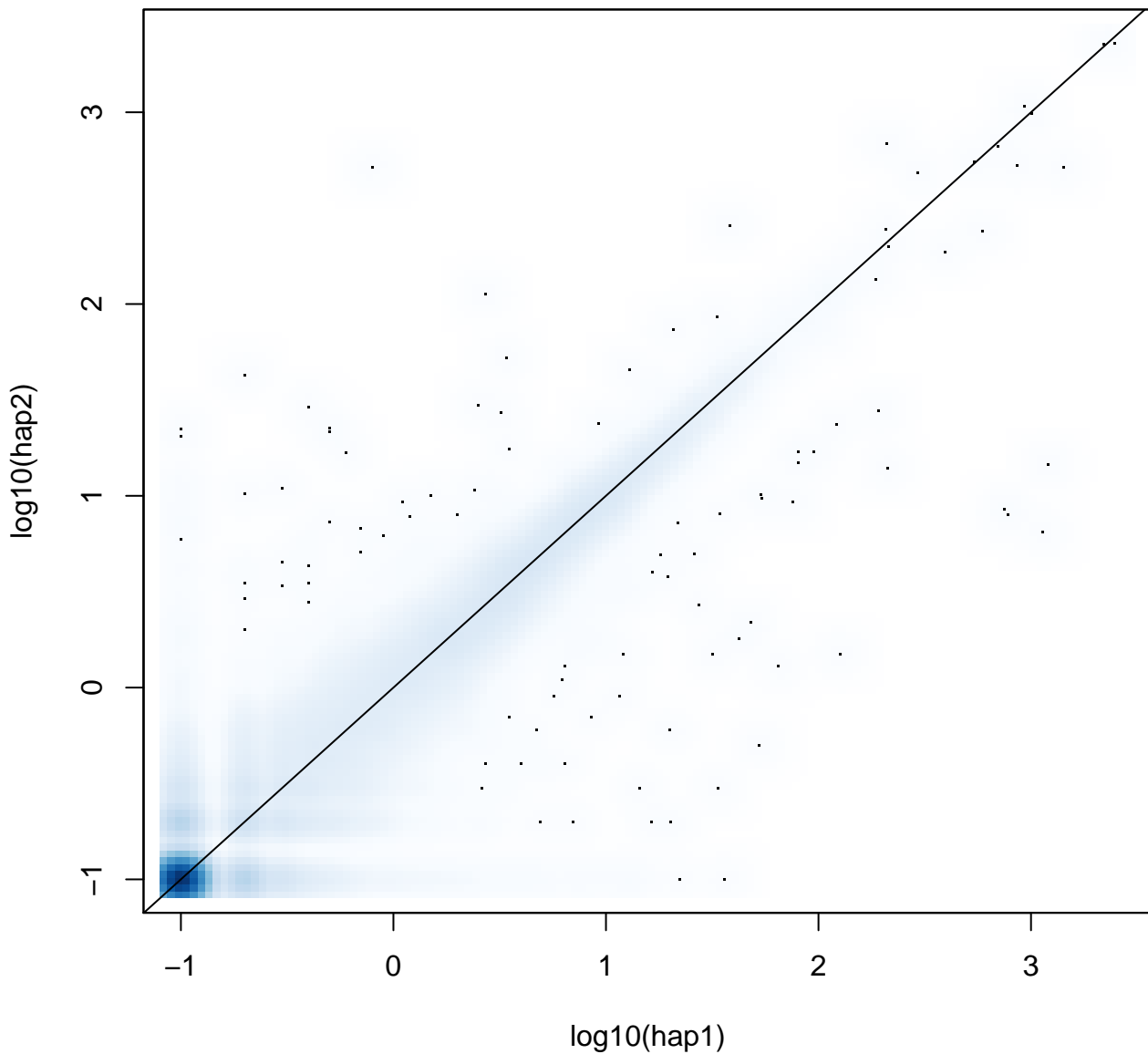
# NA12751: compare hap1 vs hap2 counts



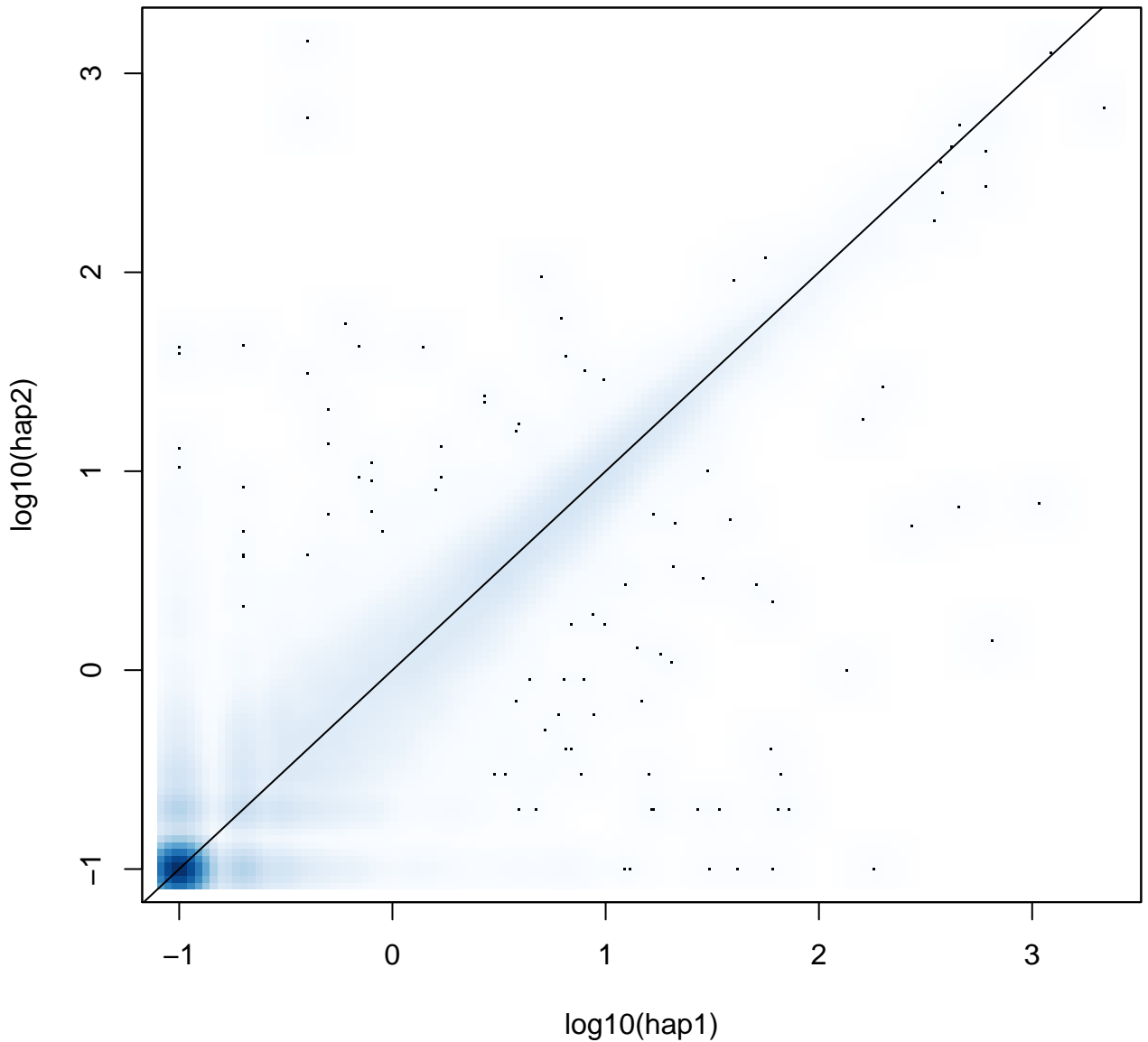
# NA12761: compare hap1 vs hap2 counts



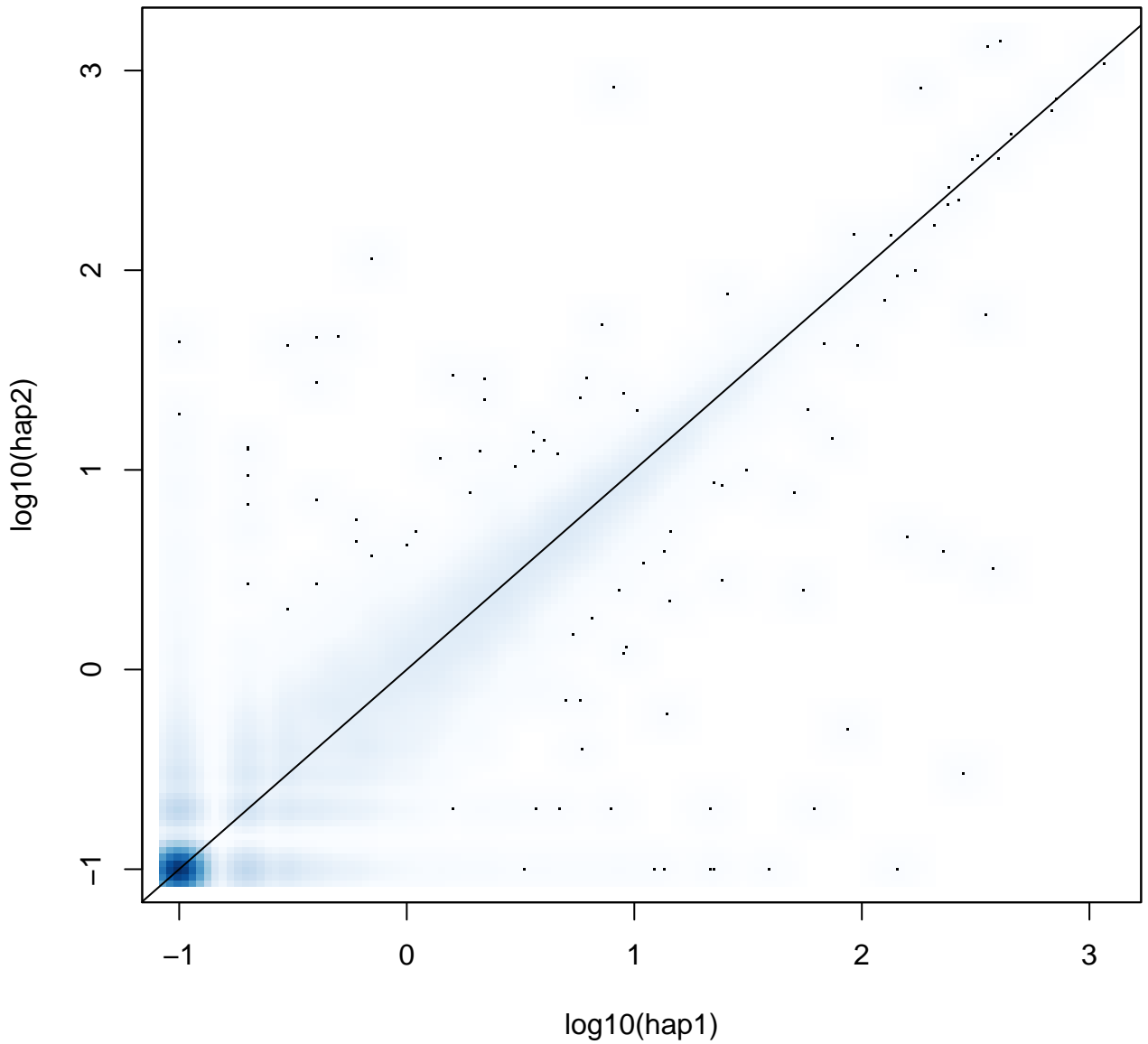
# NA12763: compare hap1 vs hap2 counts



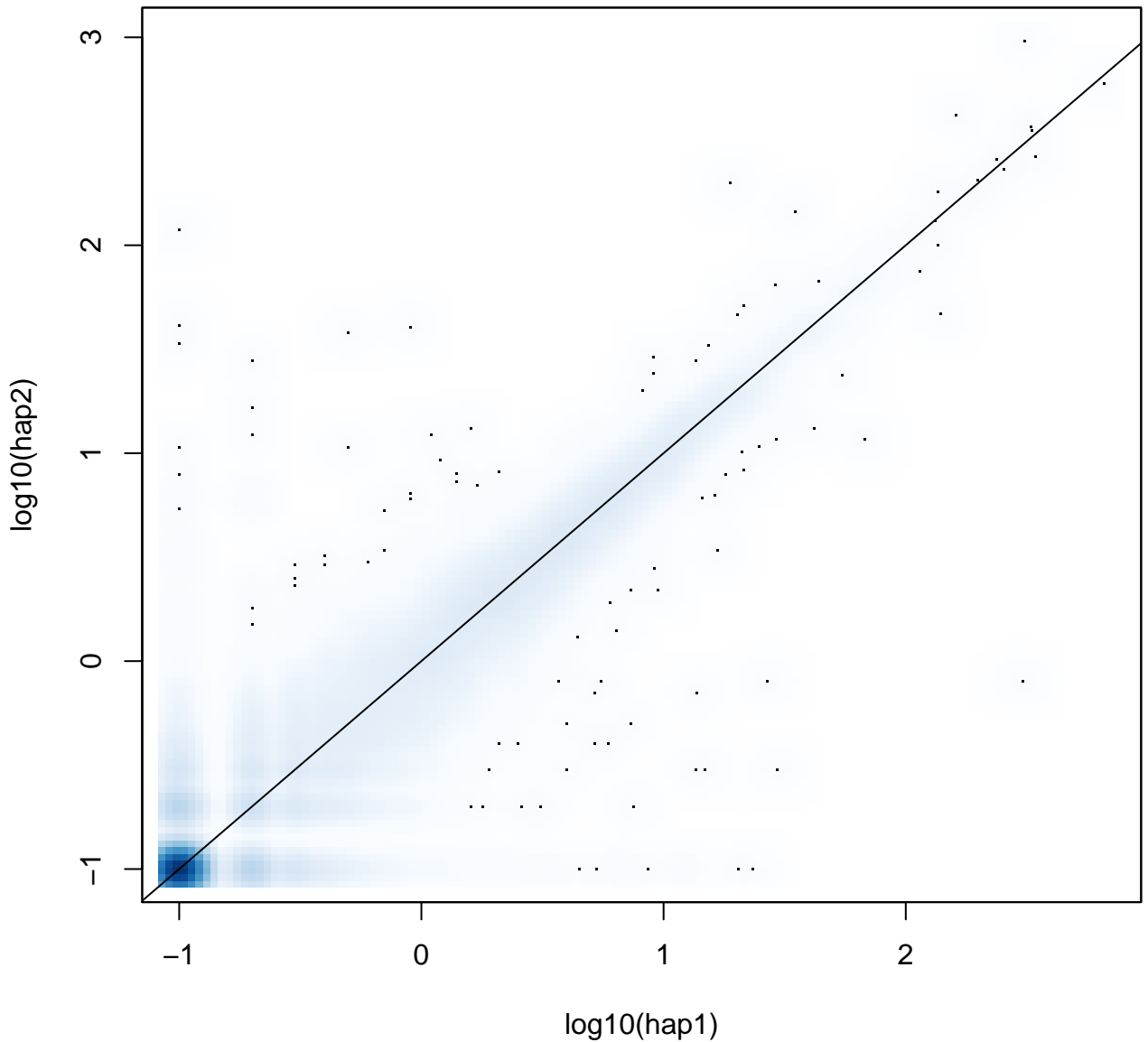
# NA12775: compare hap1 vs hap2 counts



# NA12777: compare hap1 vs hap2 counts

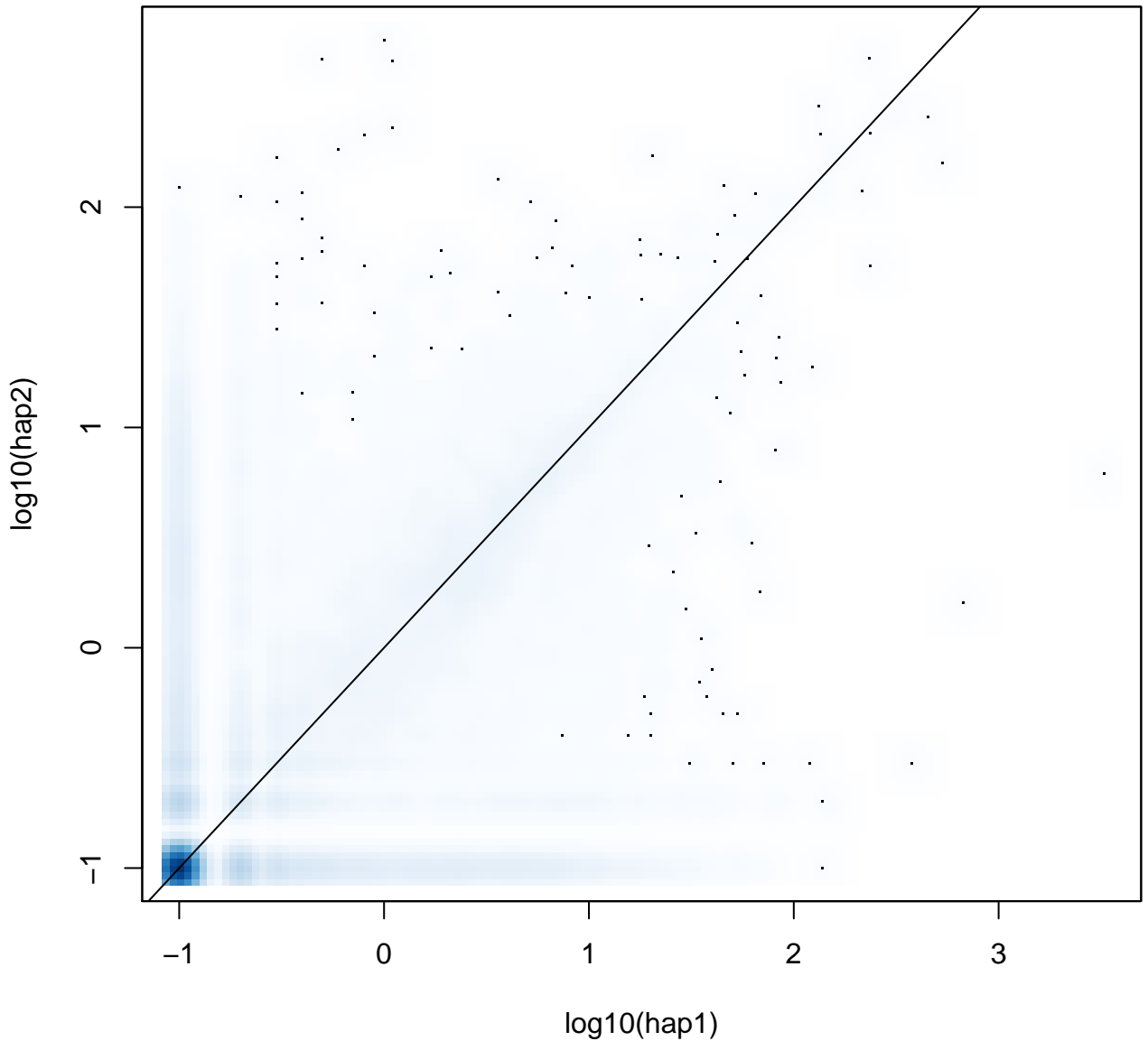


# NA12778: compare hap1 vs hap2 counts

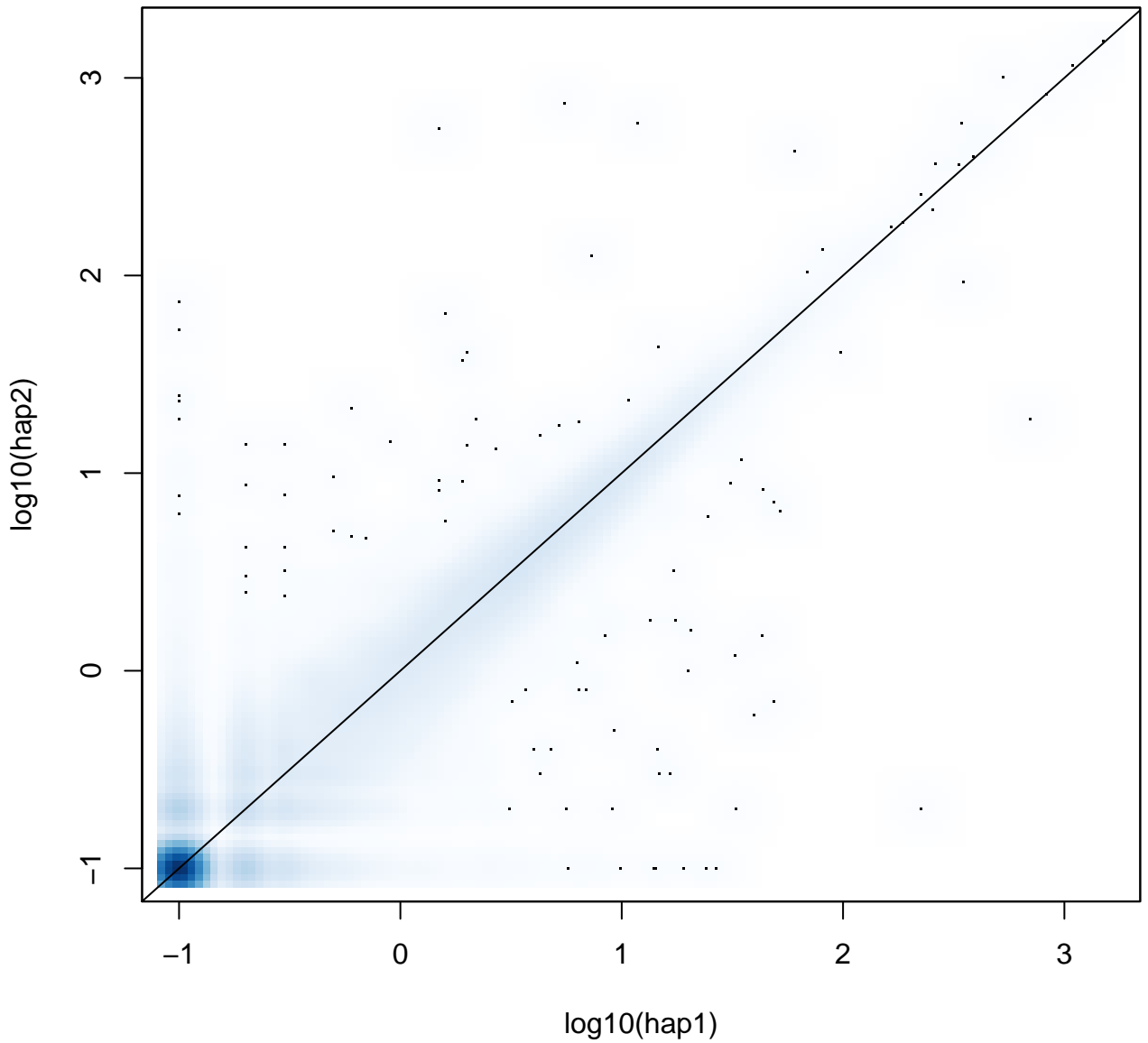




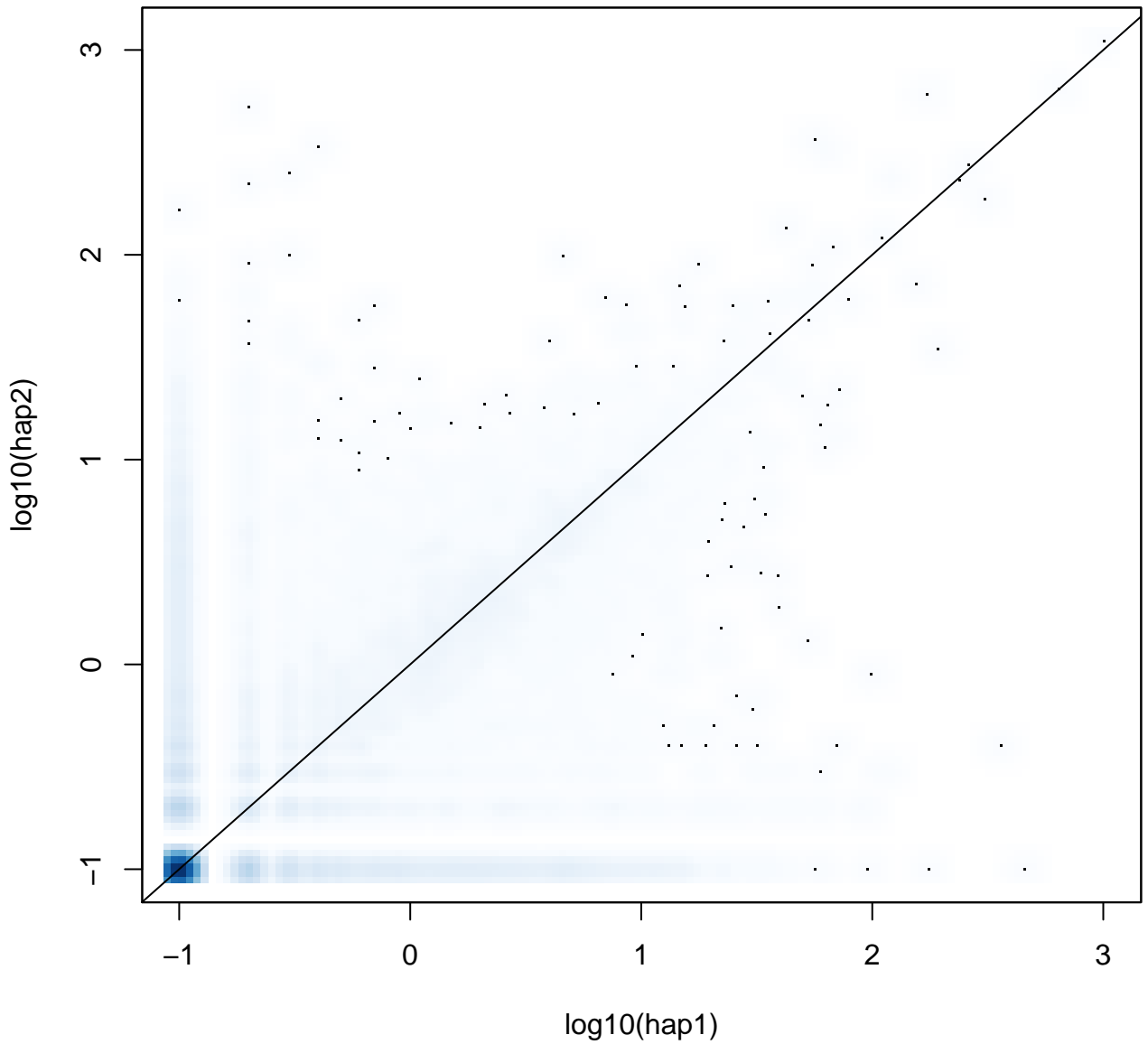
# NA12814: compare hap1 vs hap2 counts



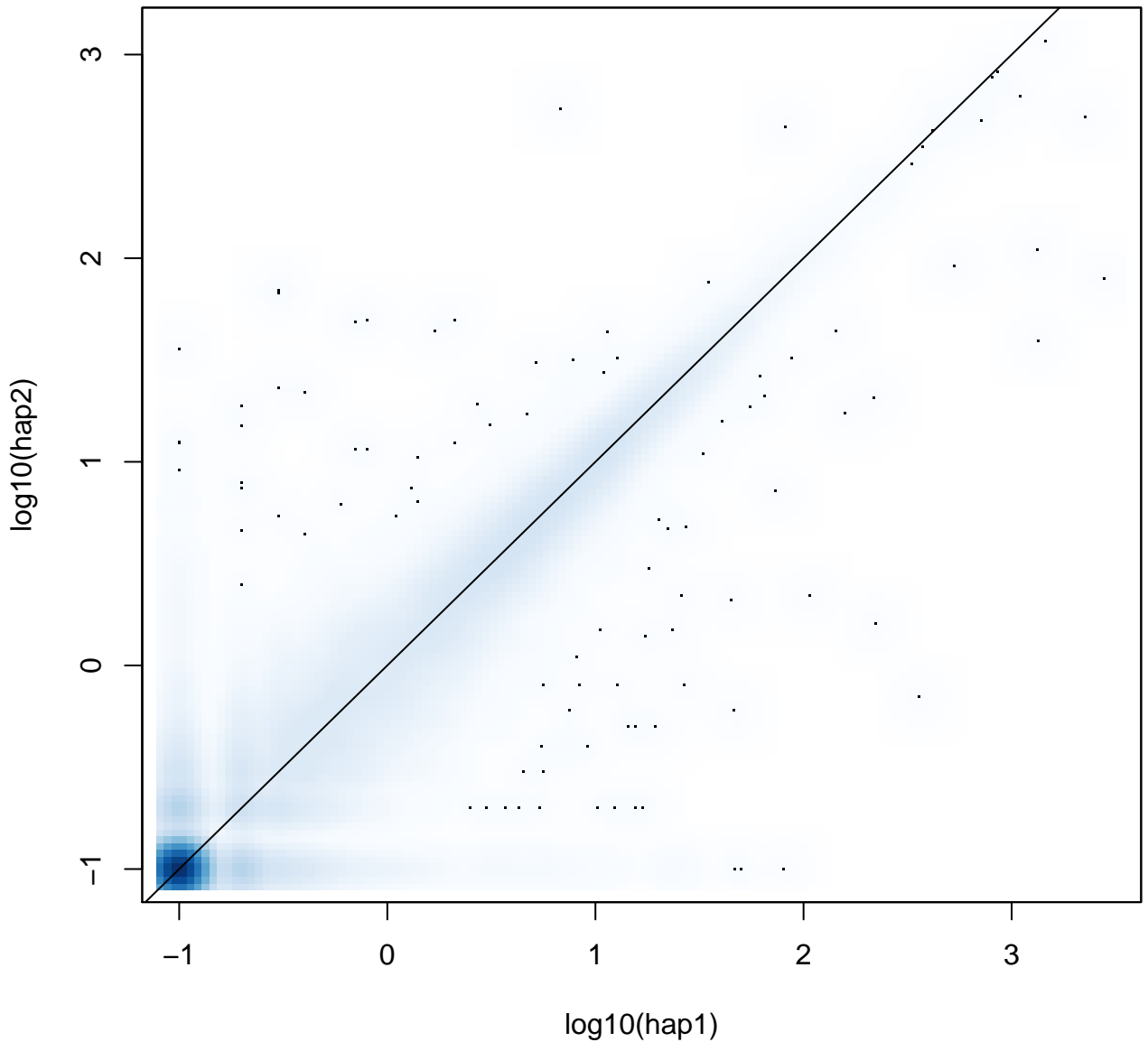
# NA12815: compare hap1 vs hap2 counts



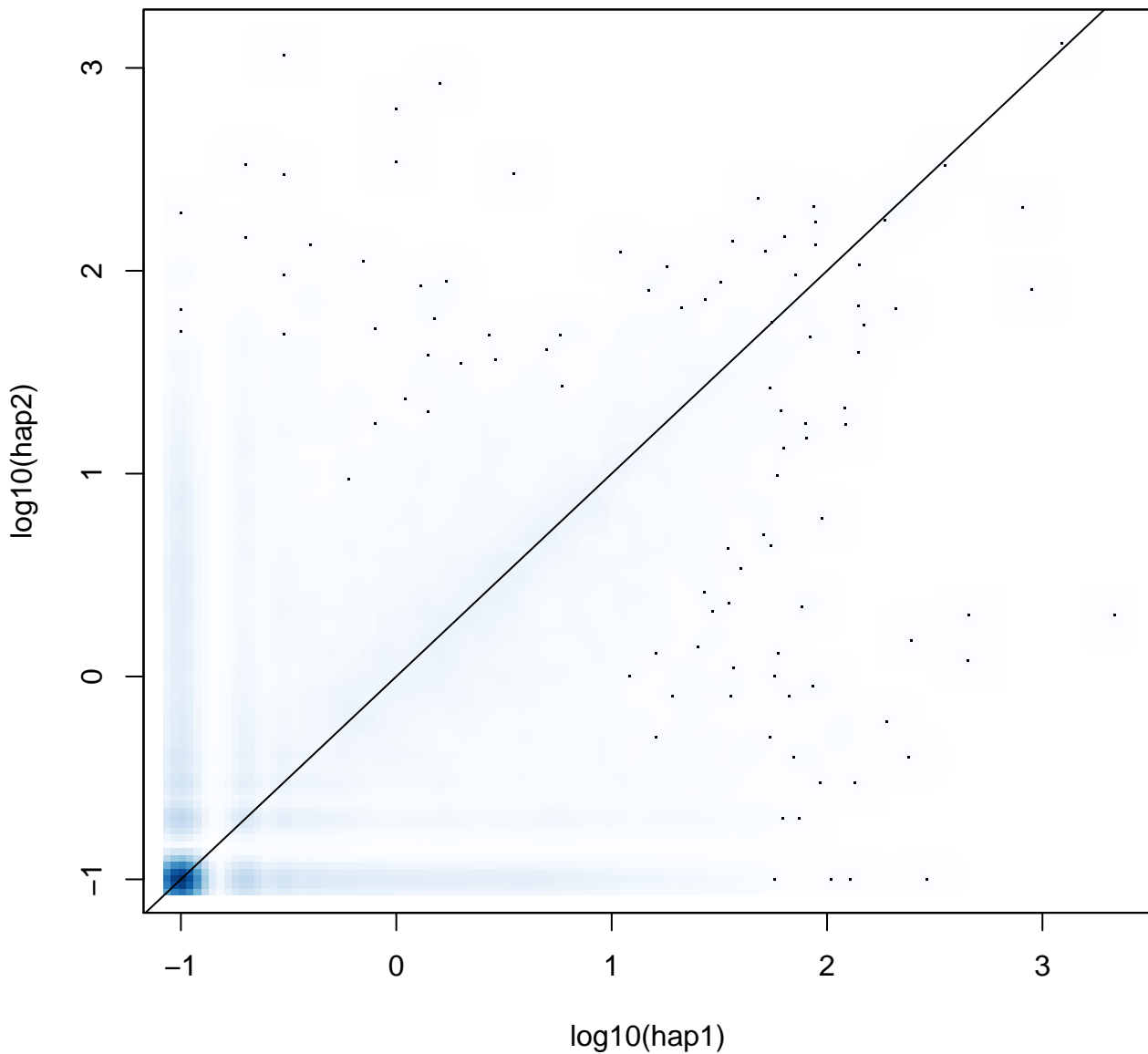
# NA12827: compare hap1 vs hap2 counts



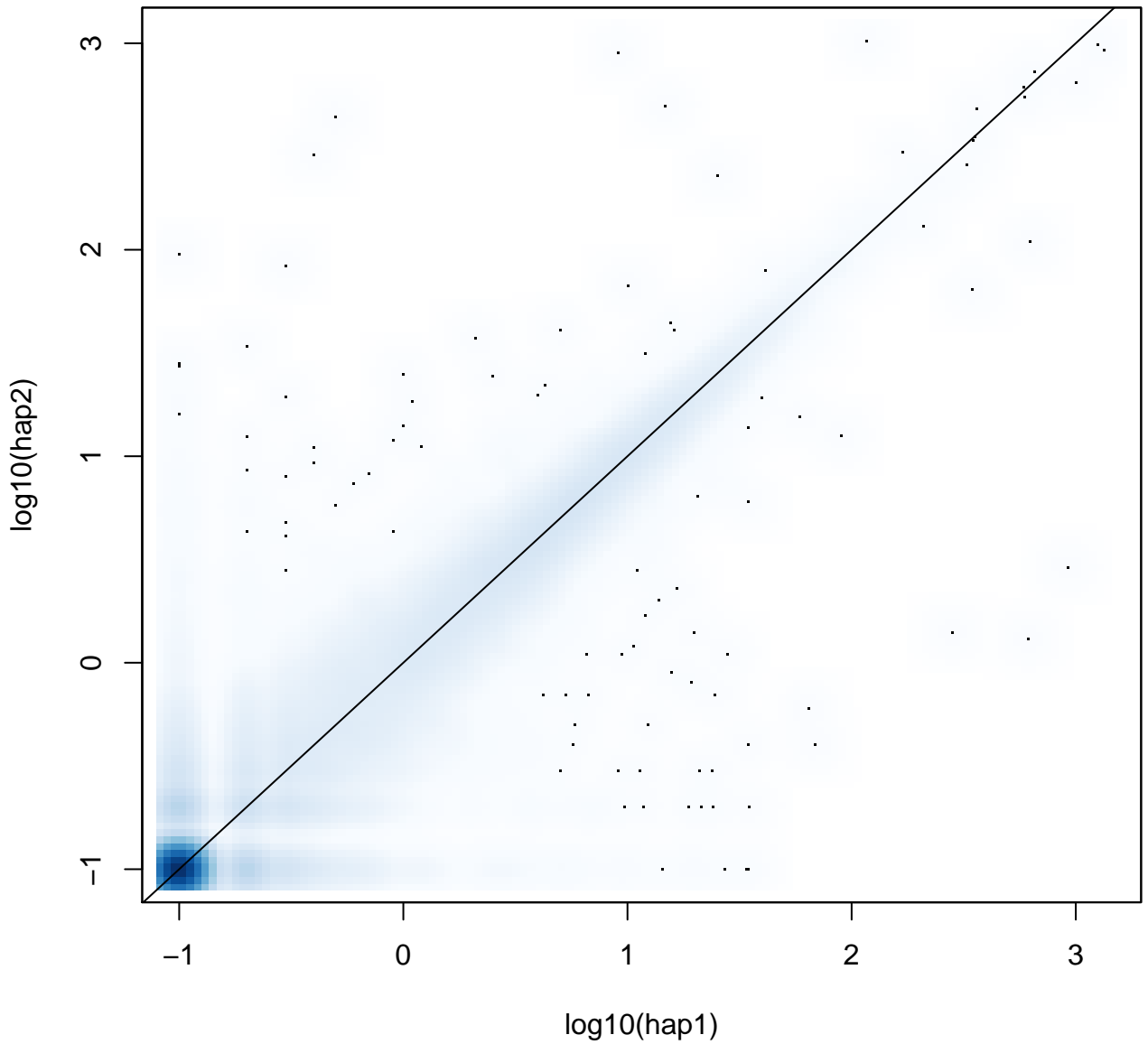
# NA12829: compare hap1 vs hap2 counts



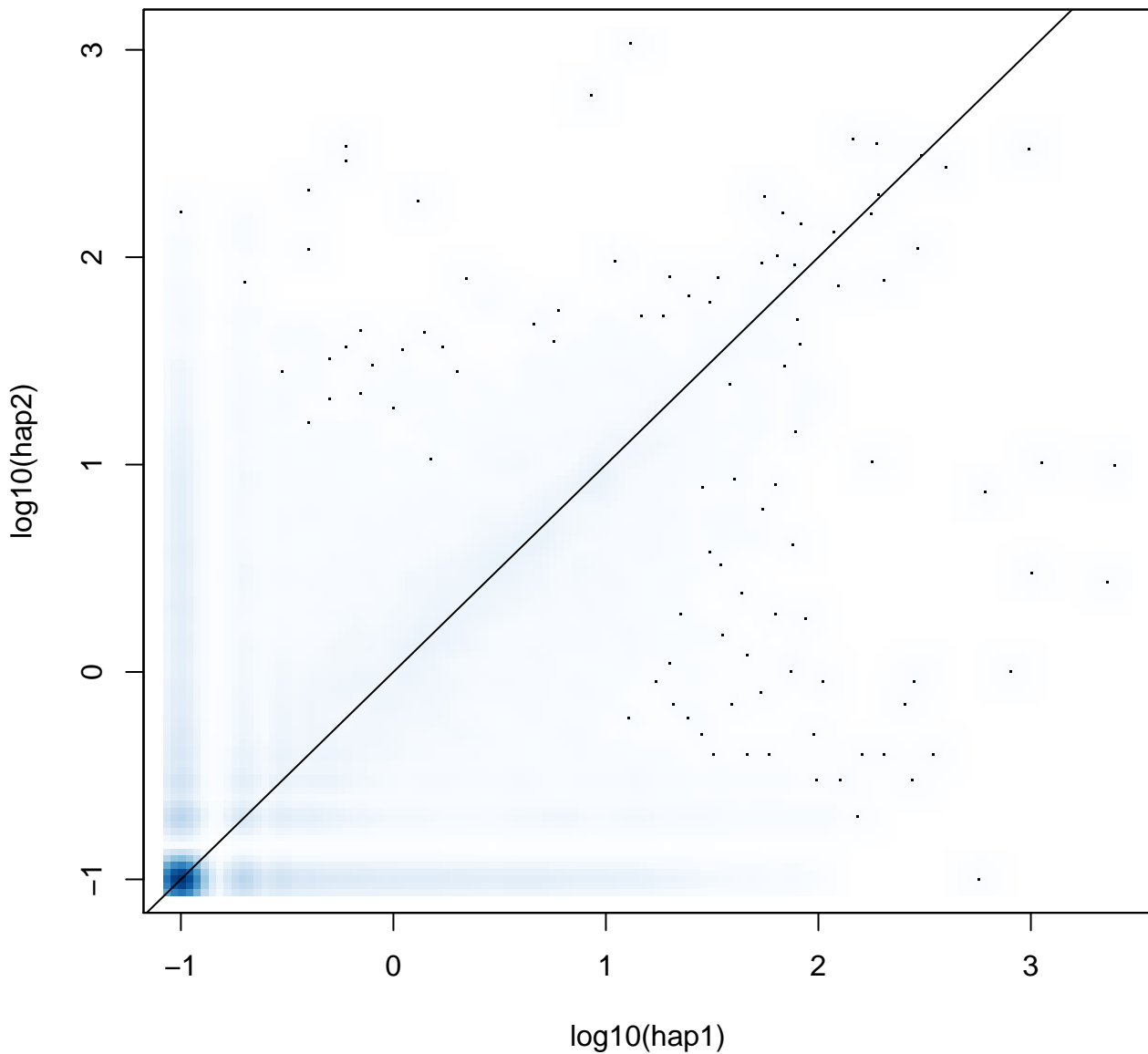
# NA12830: compare hap1 vs hap2 counts



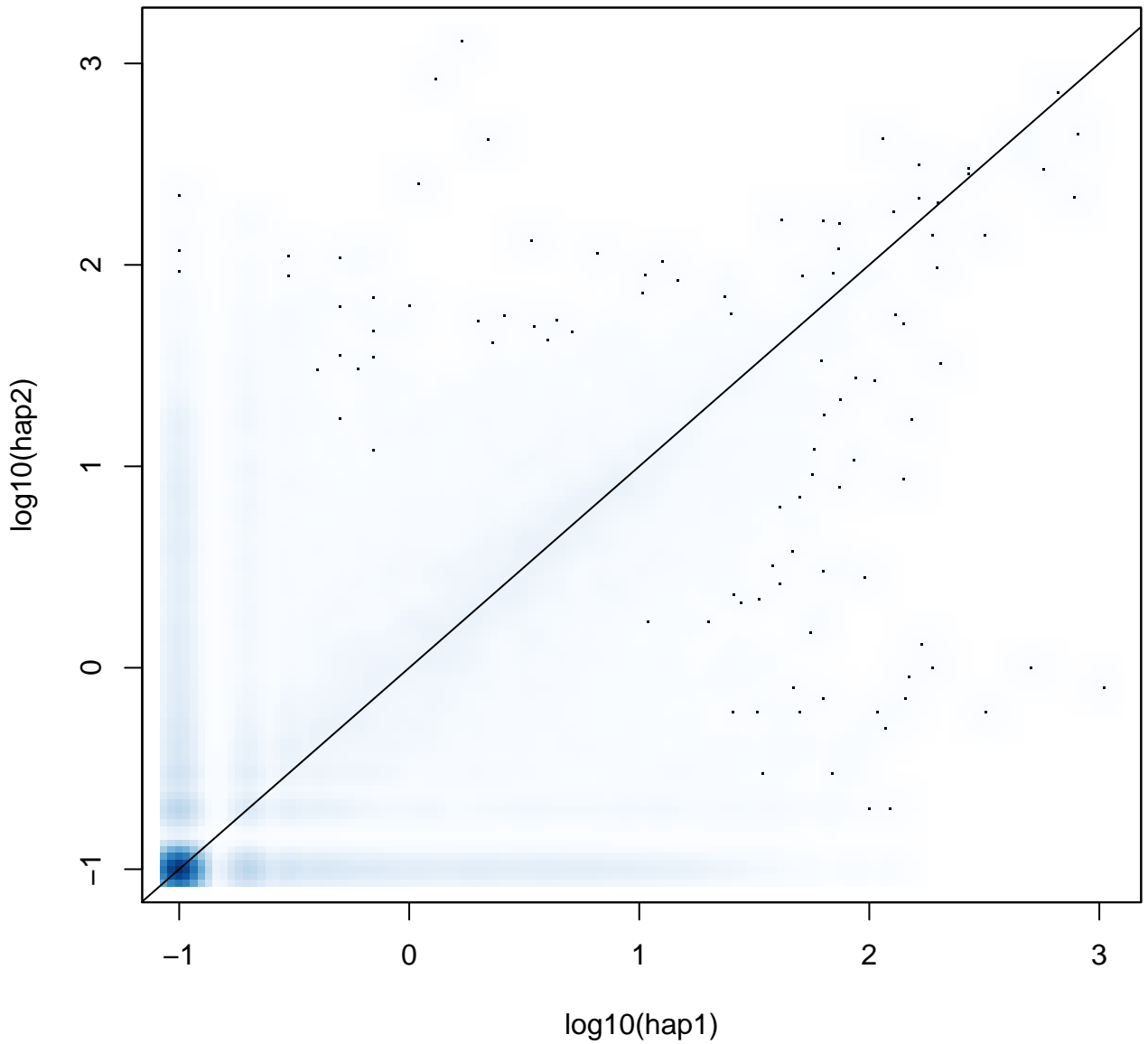
# NA12842: compare hap1 vs hap2 counts



# NA12843: compare hap1 vs hap2 counts

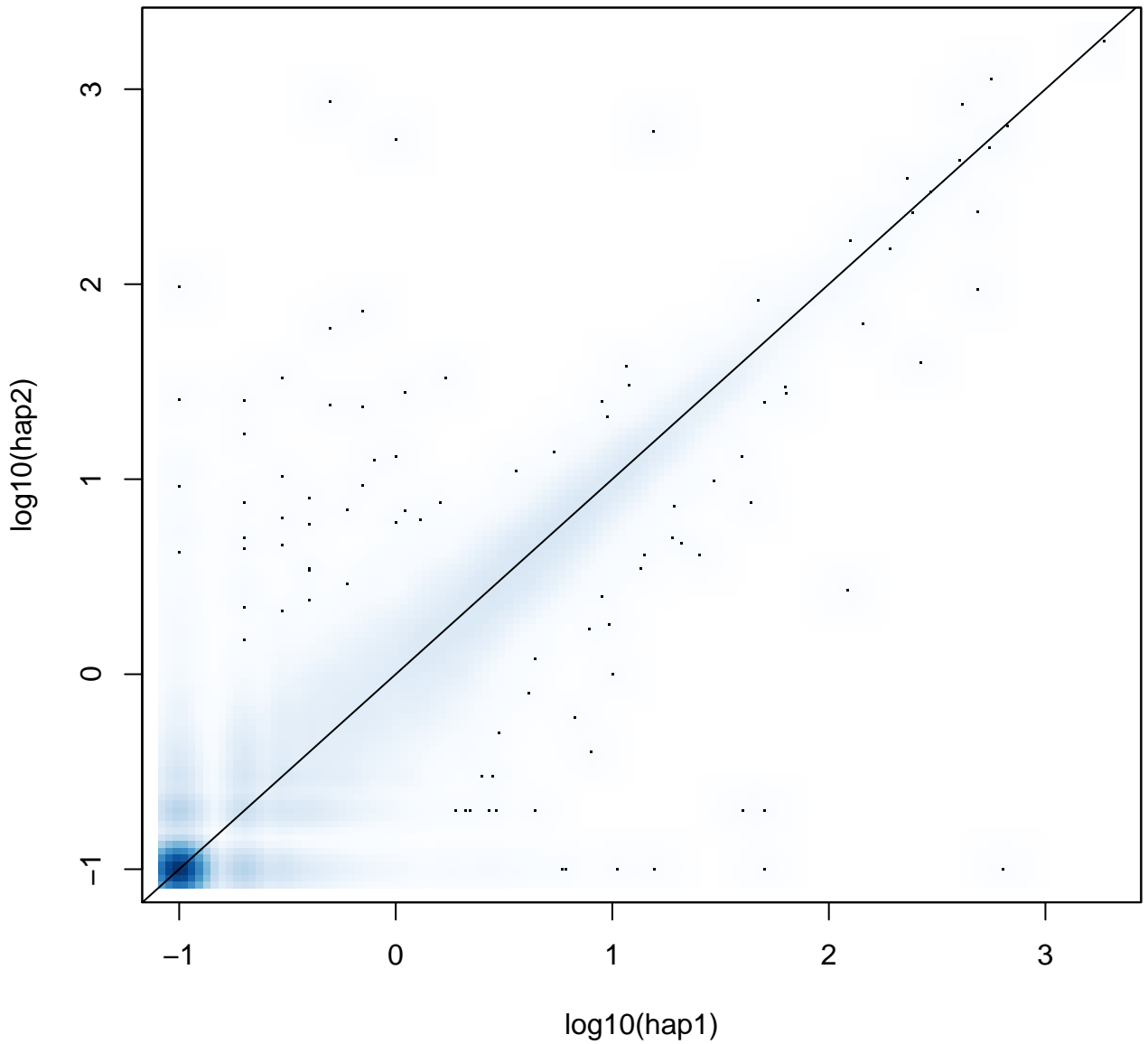


# NA12872: compare hap1 vs hap2 counts

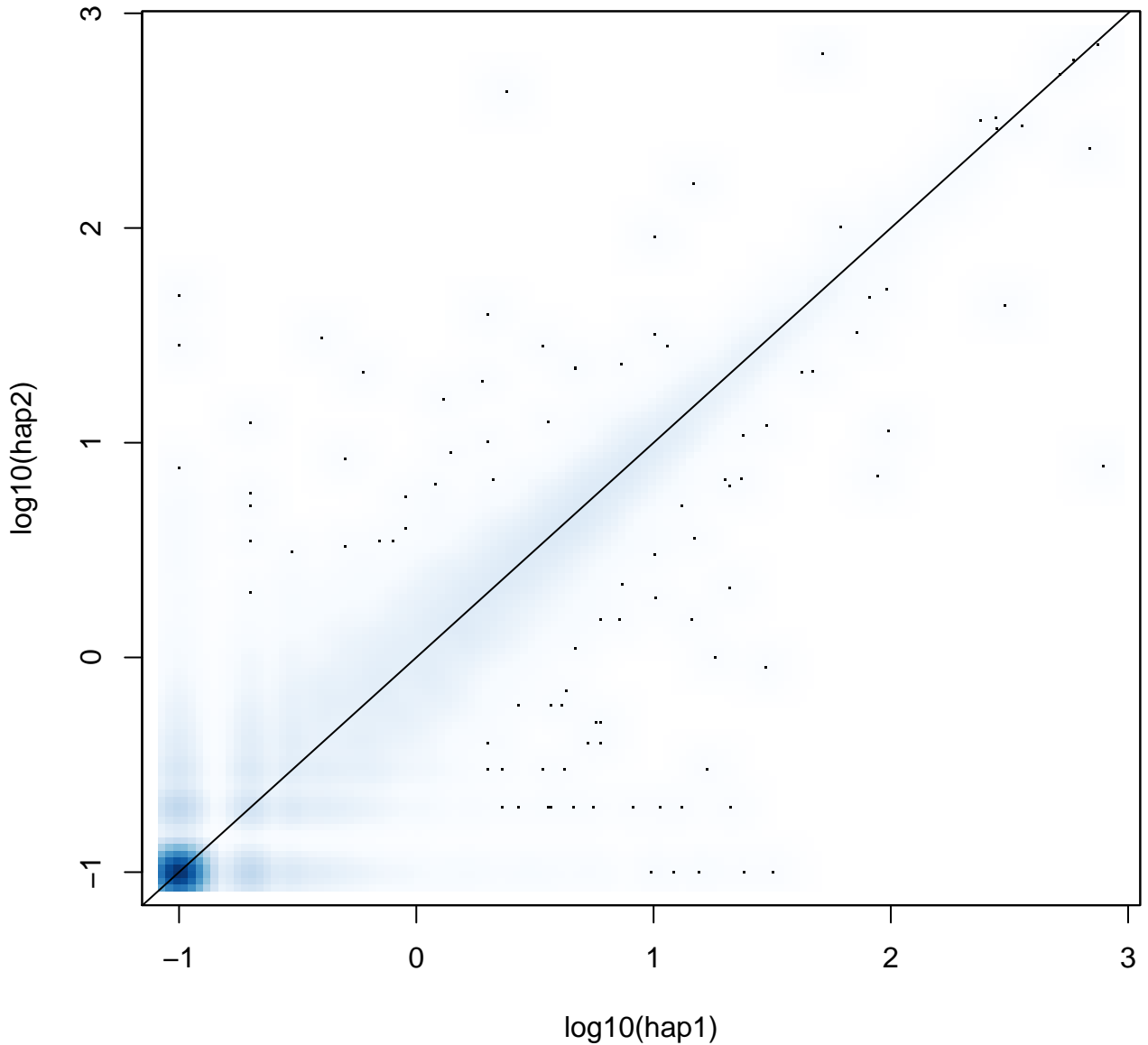




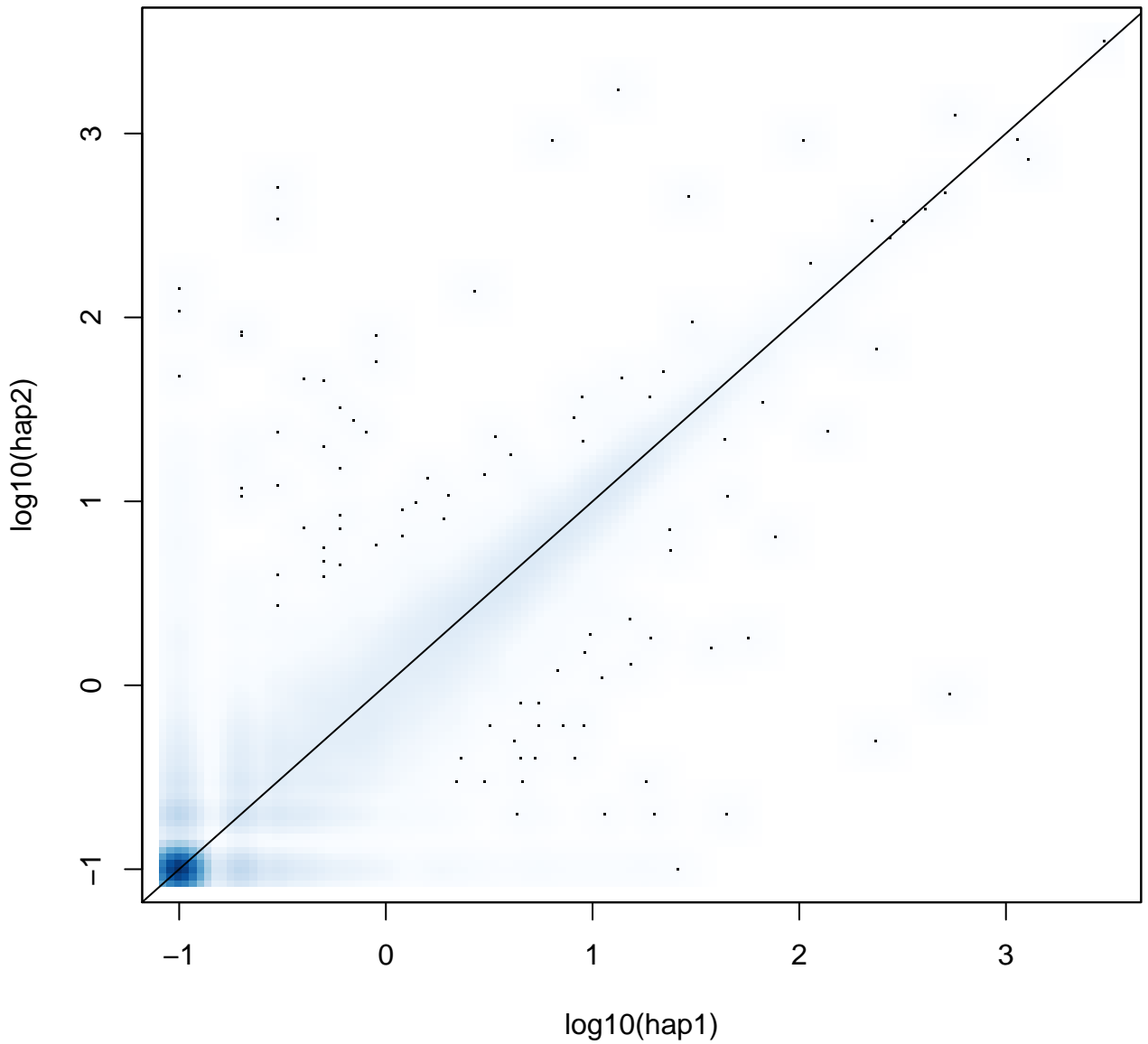
# NA12873: compare hap1 vs hap2 counts



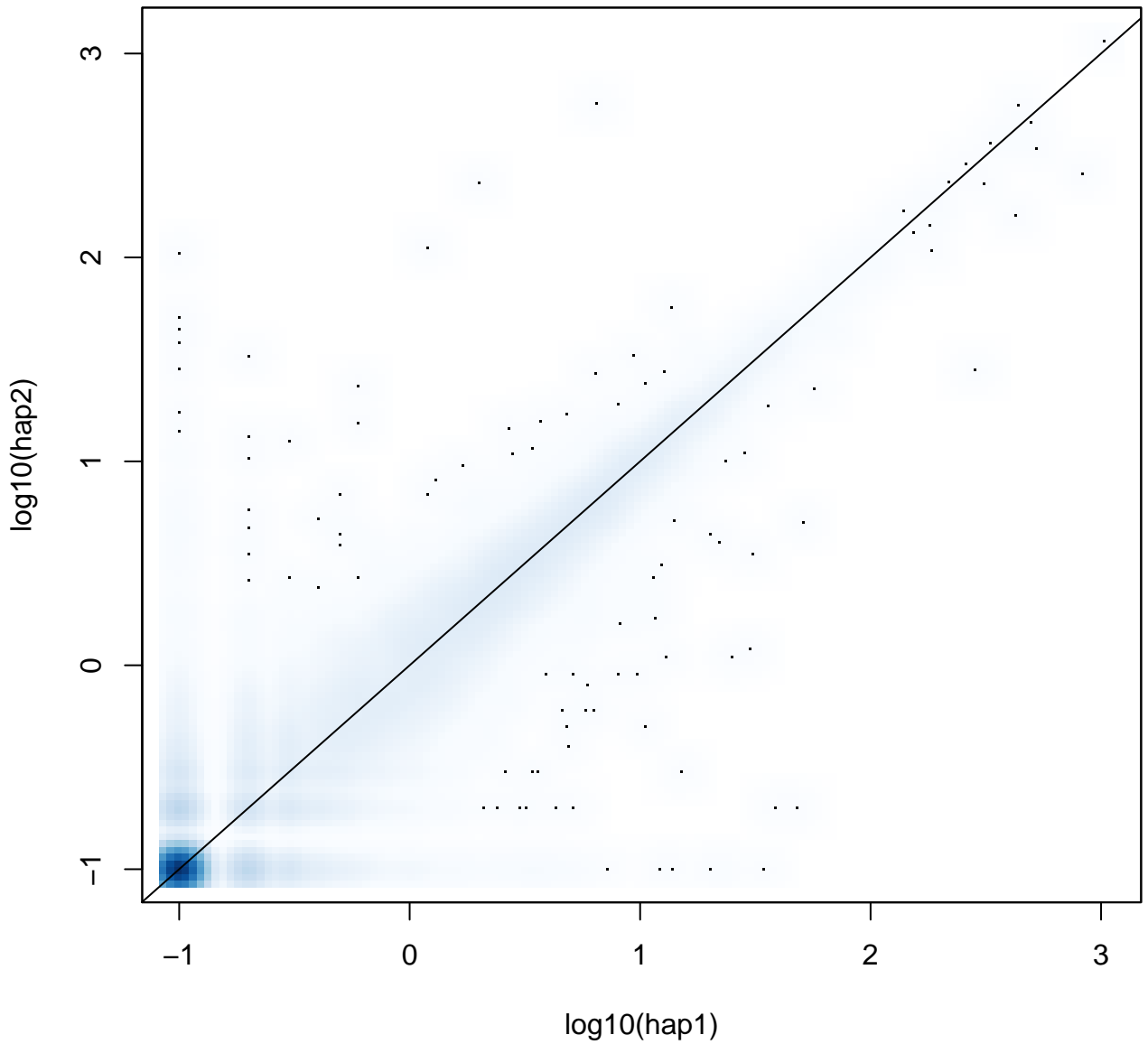
# NA12874: compare hap1 vs hap2 counts



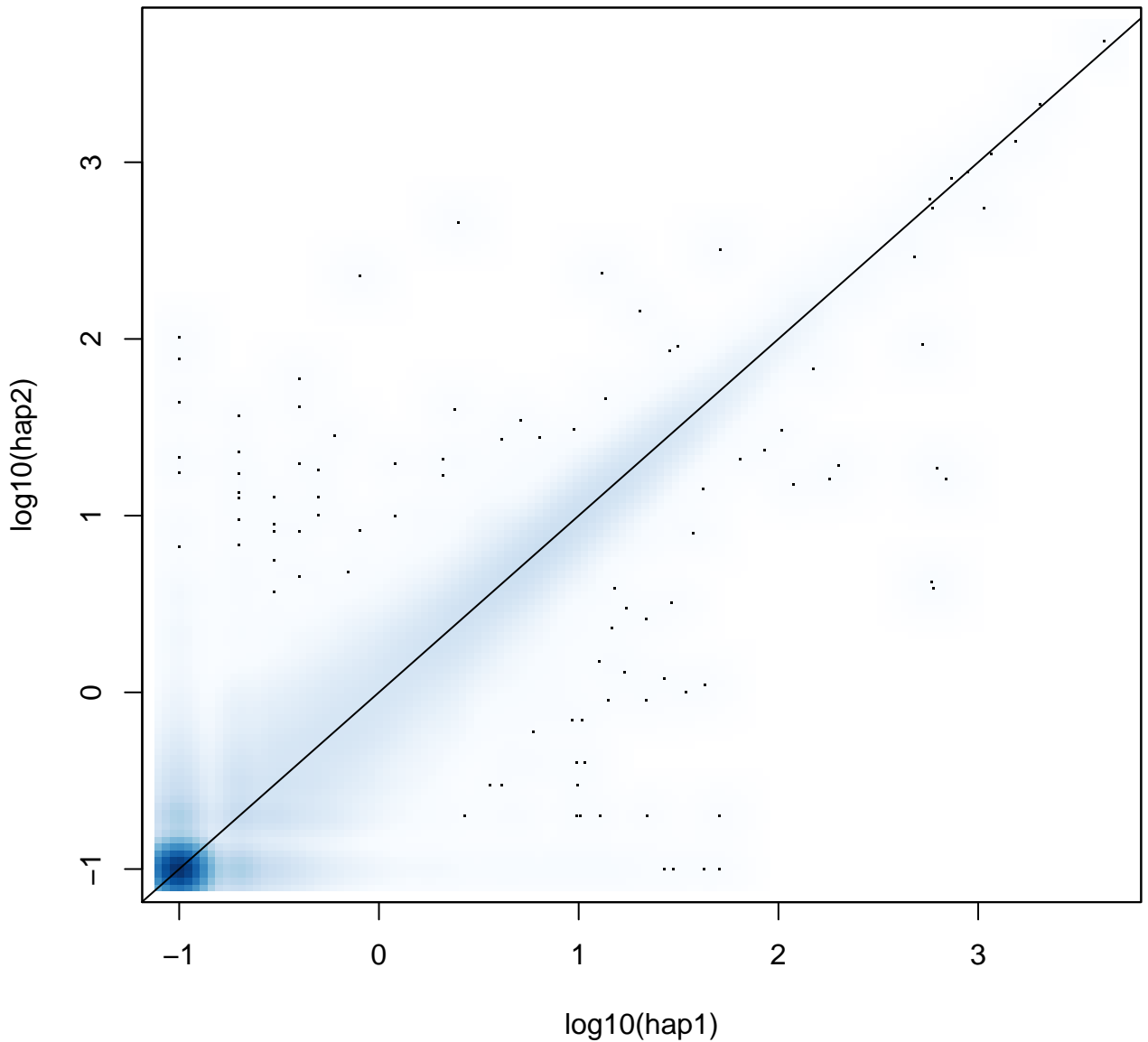
# NA12889: compare hap1 vs hap2 counts



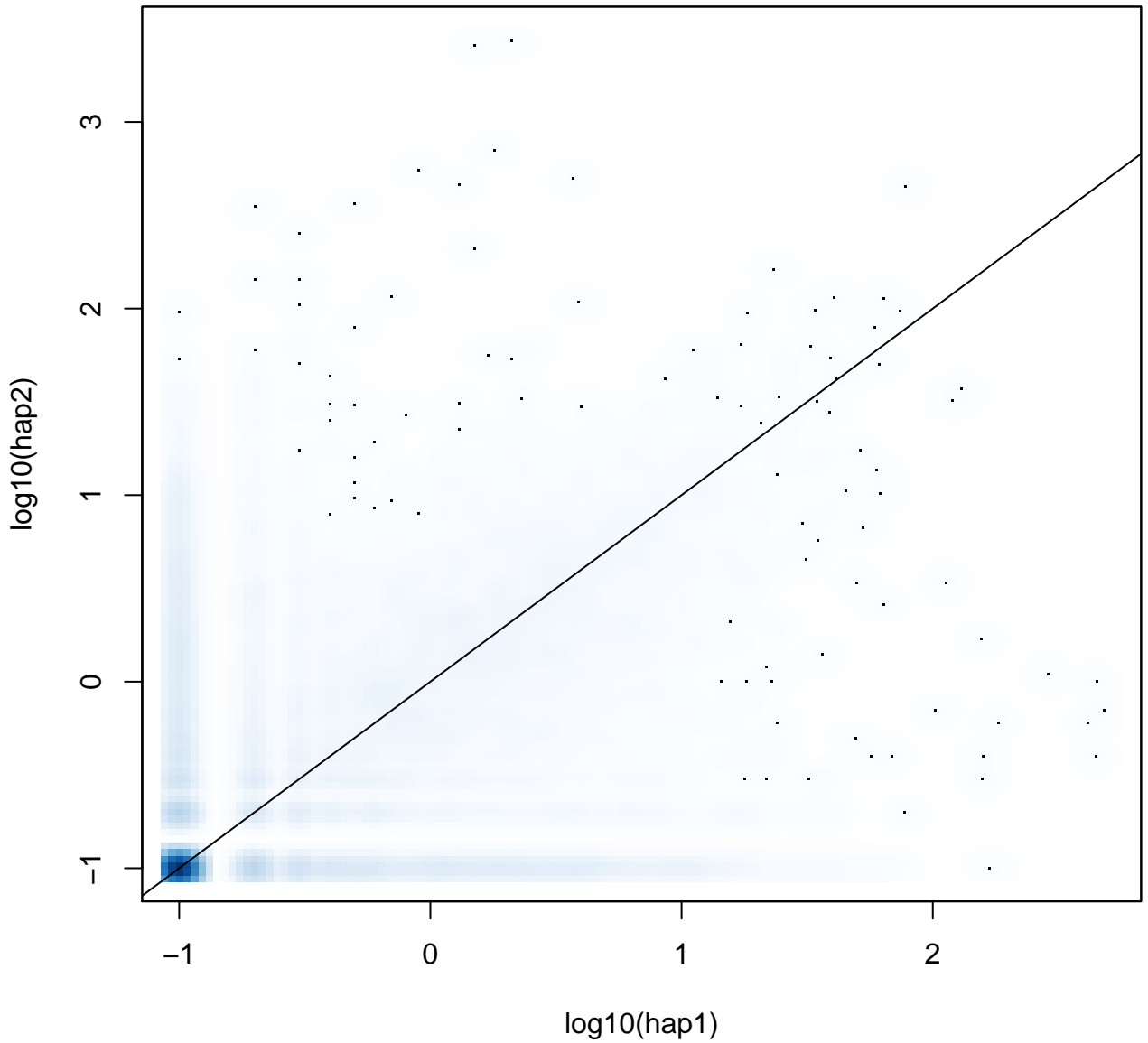
# NA12890: compare hap1 vs hap2 counts



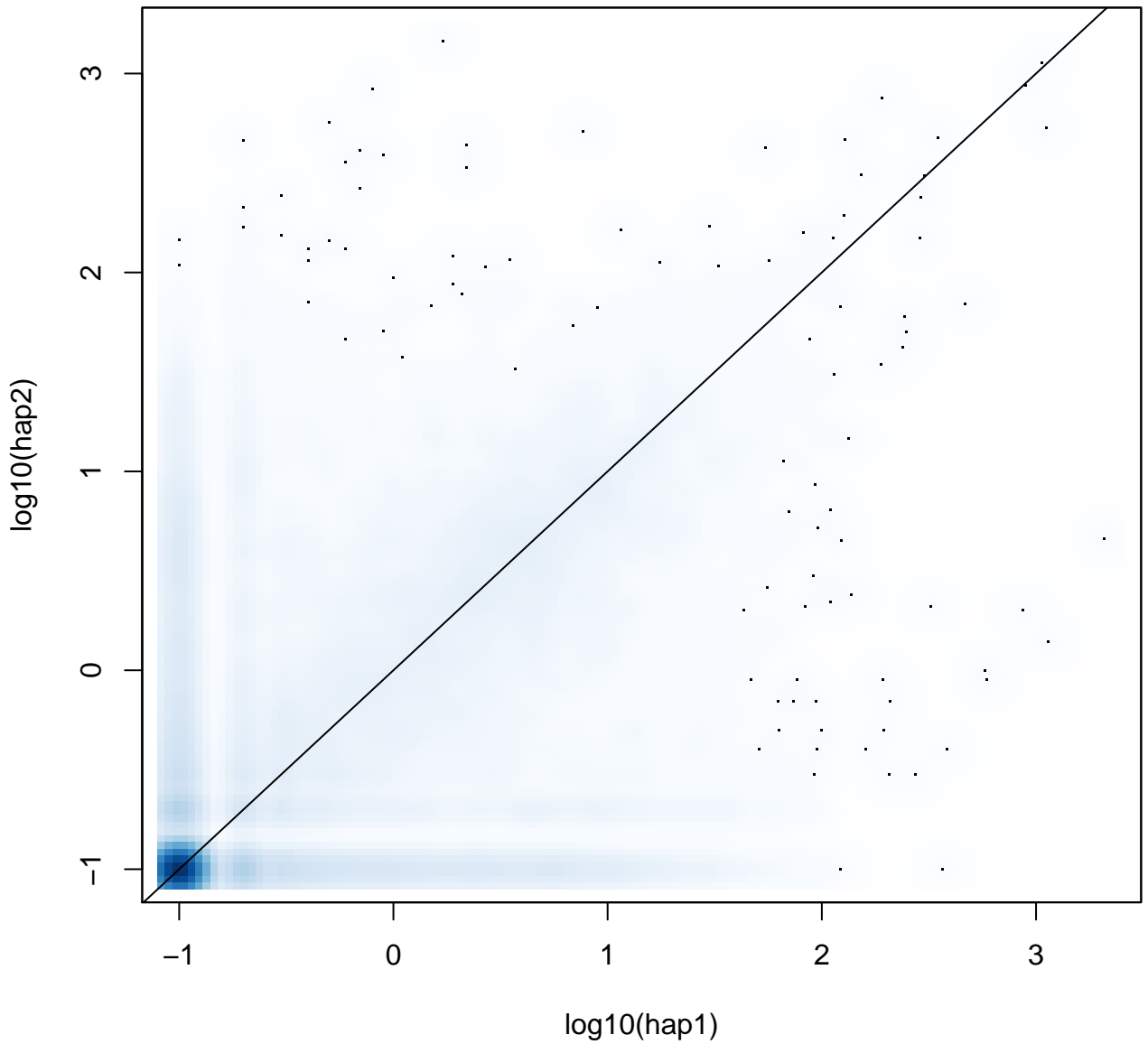
# NA18486: compare hap1 vs hap2 counts



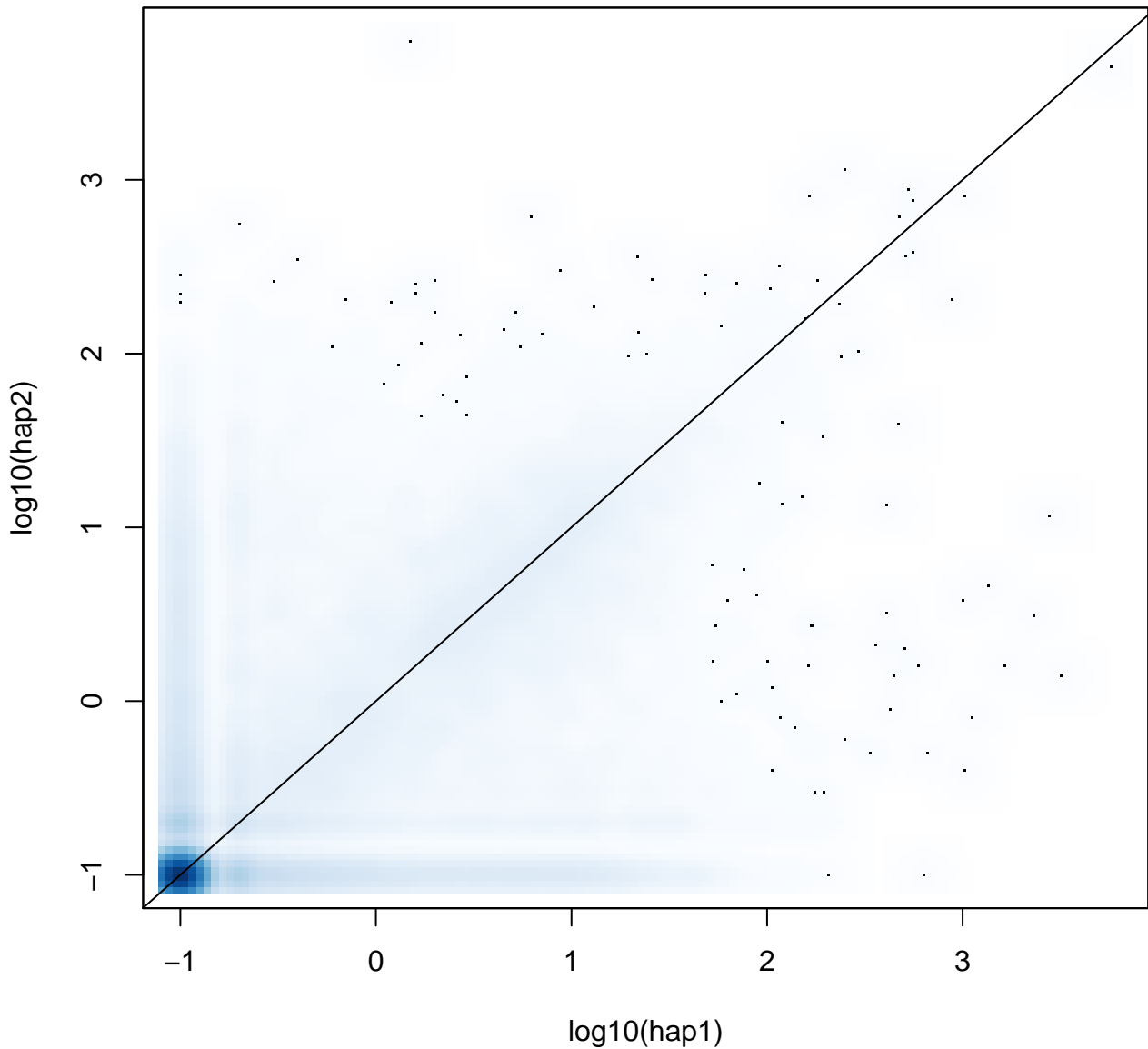
# NA18487: compare hap1 vs hap2 counts



# NA18489: compare hap1 vs hap2 counts

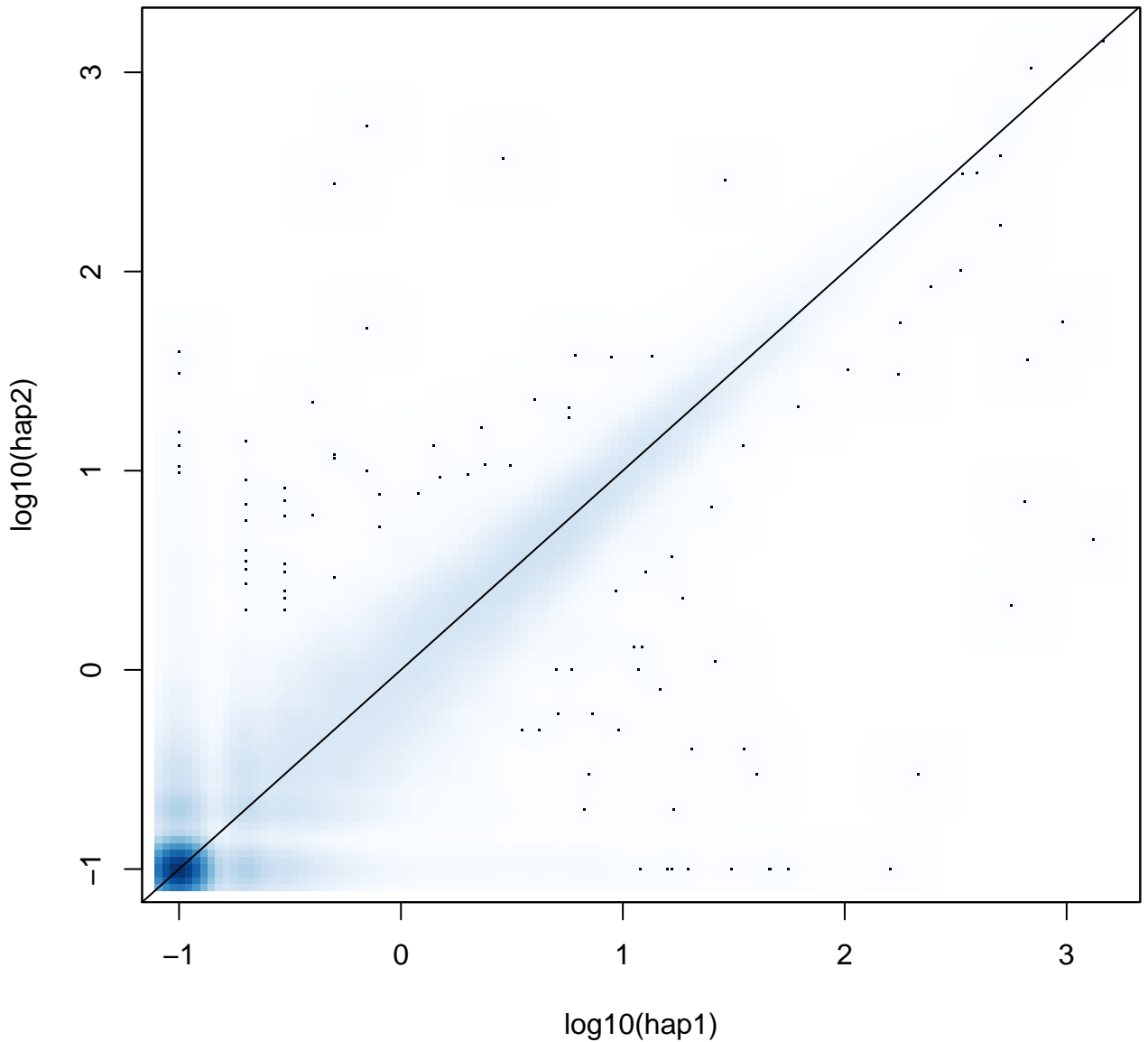


# NA18498: compare hap1 vs hap2 counts

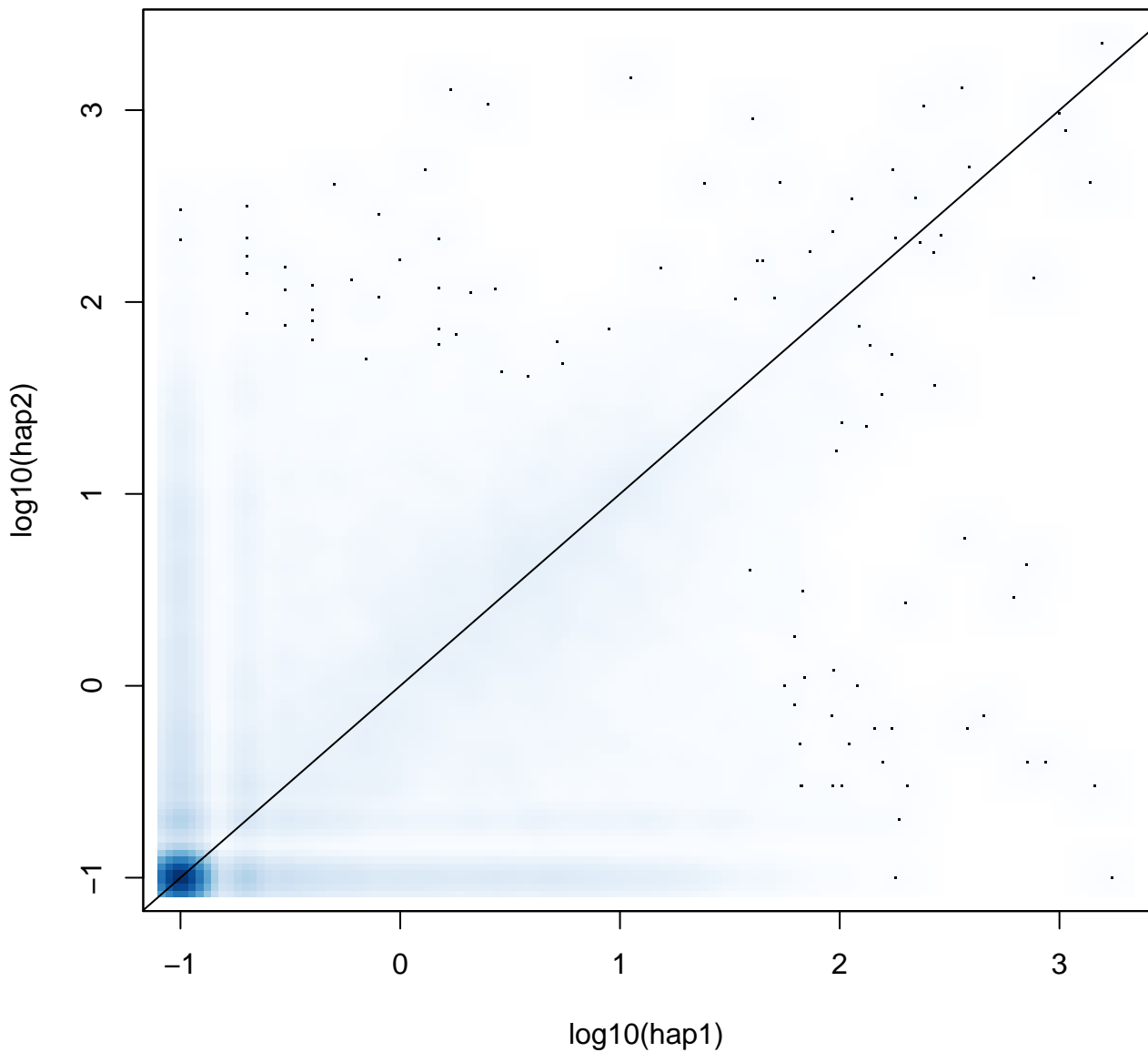




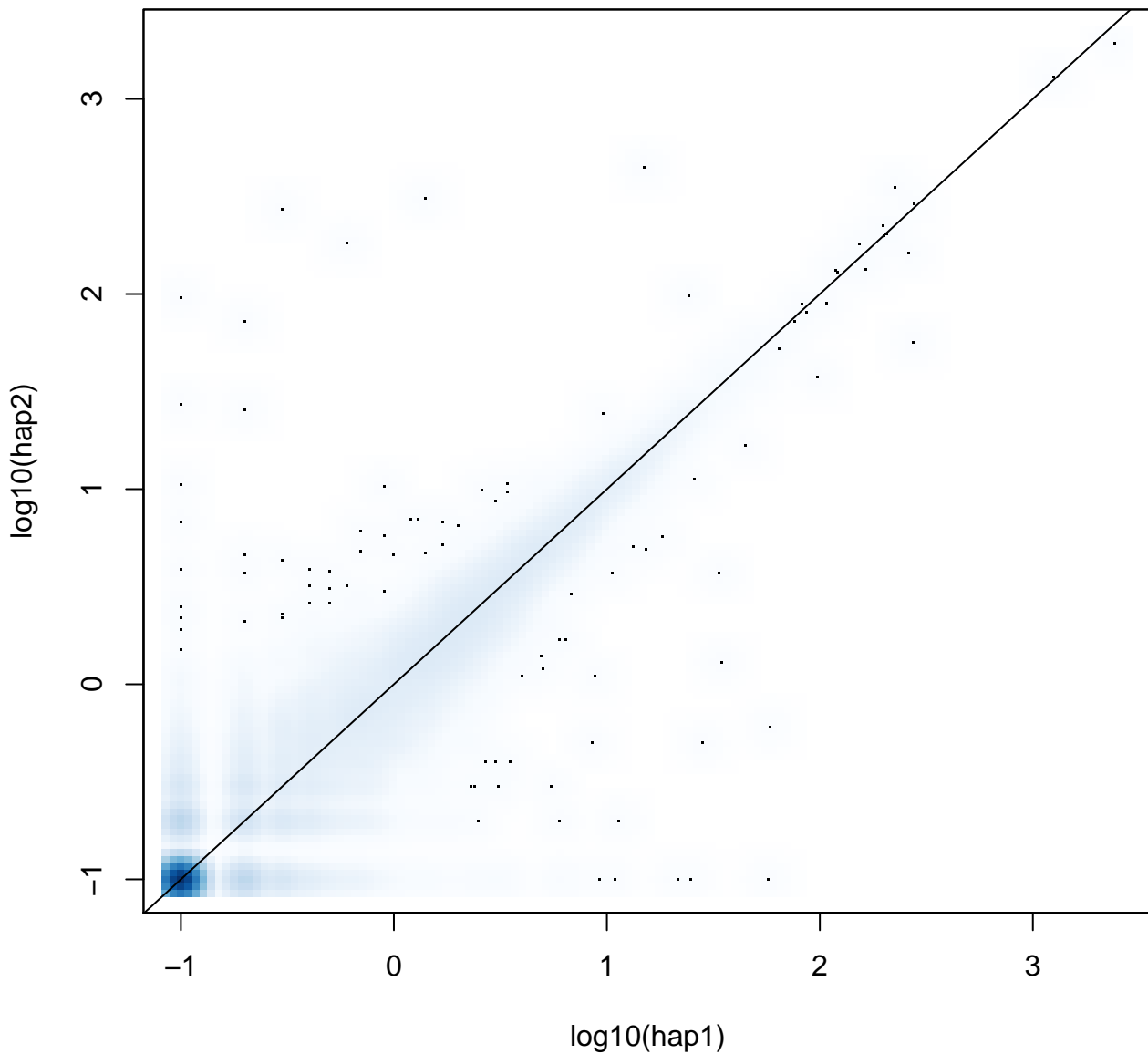
# NA18499: compare hap1 vs hap2 counts



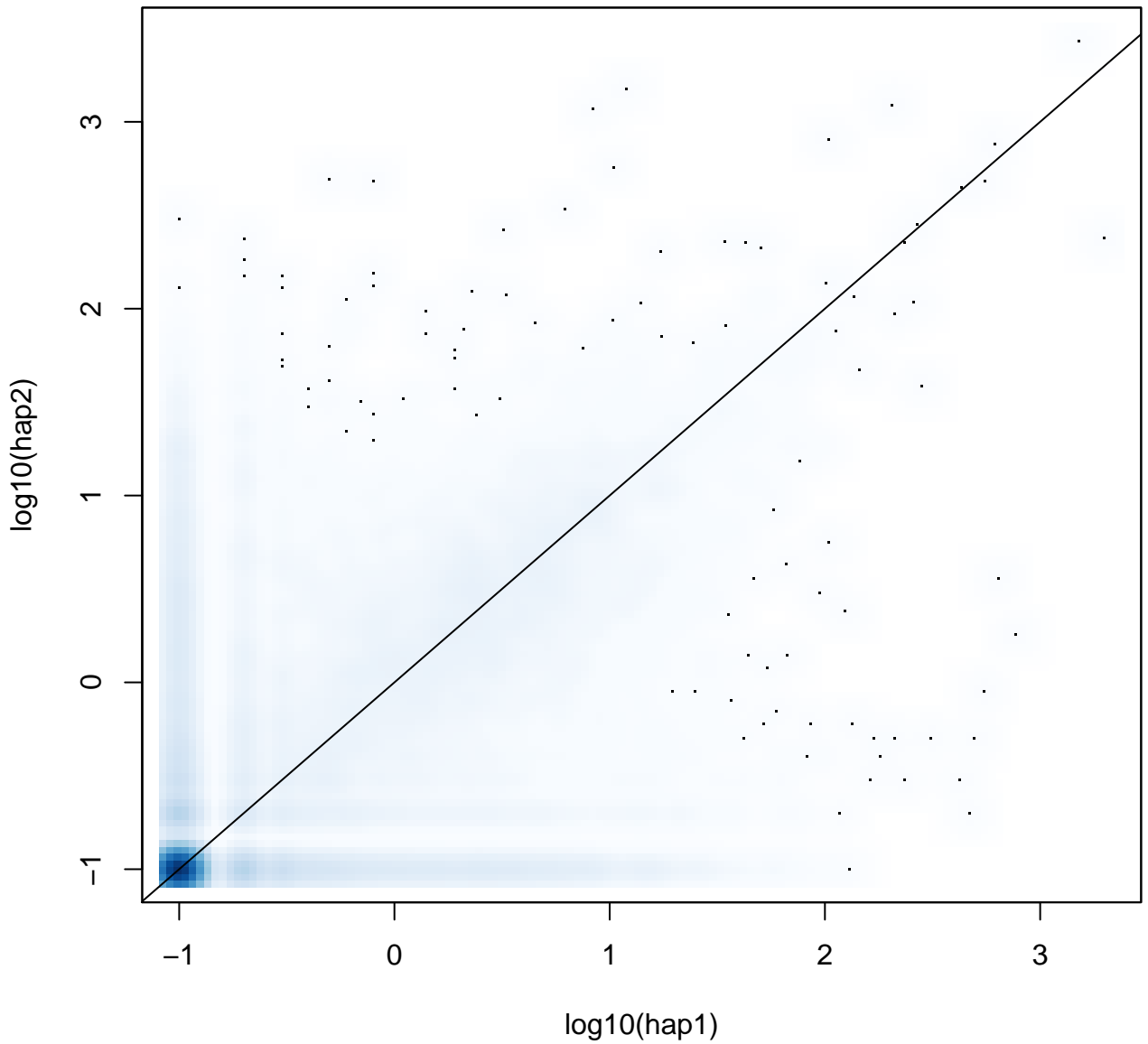
# NA18502: compare hap1 vs hap2 counts



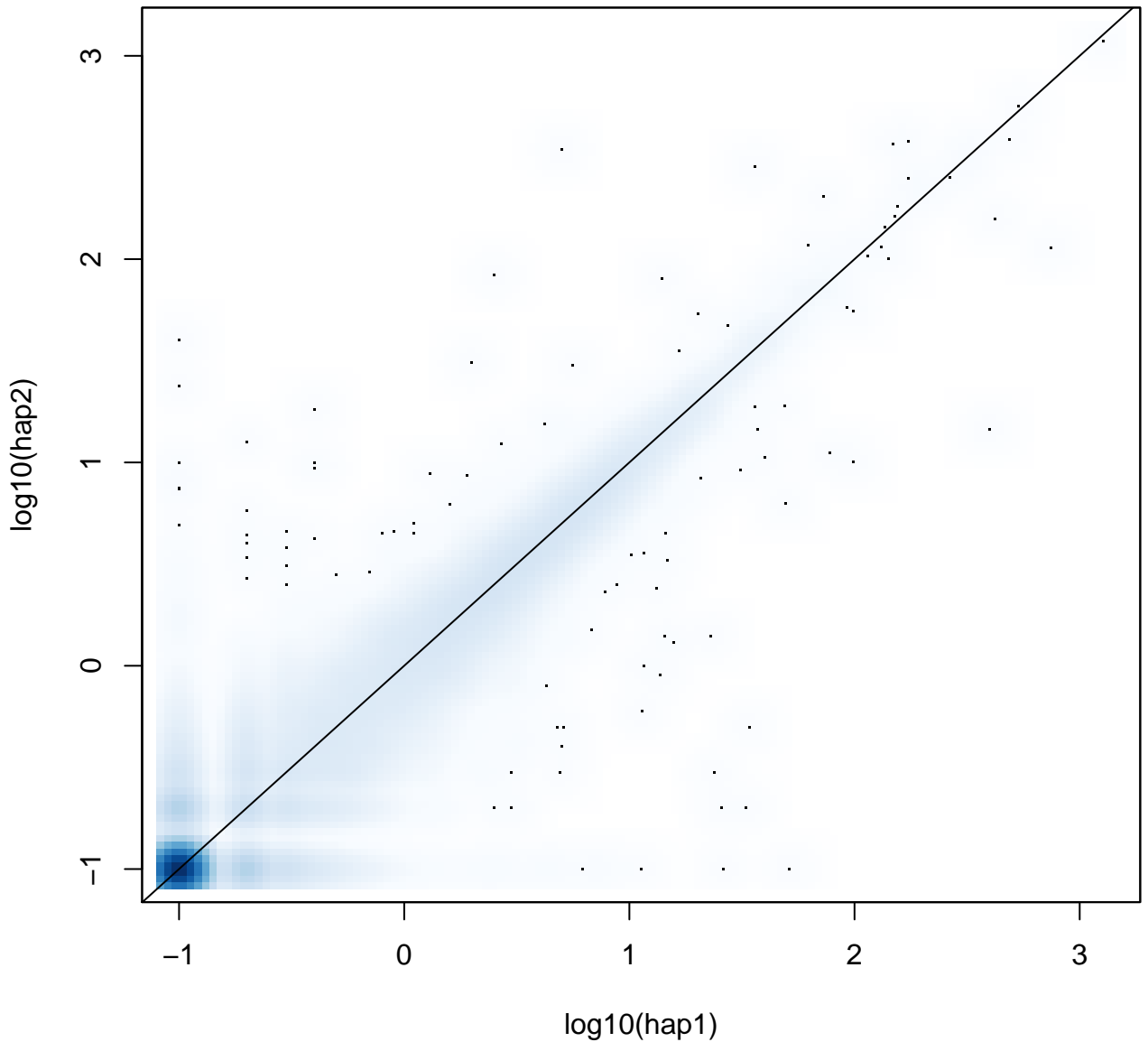
# NA18505: compare hap1 vs hap2 counts



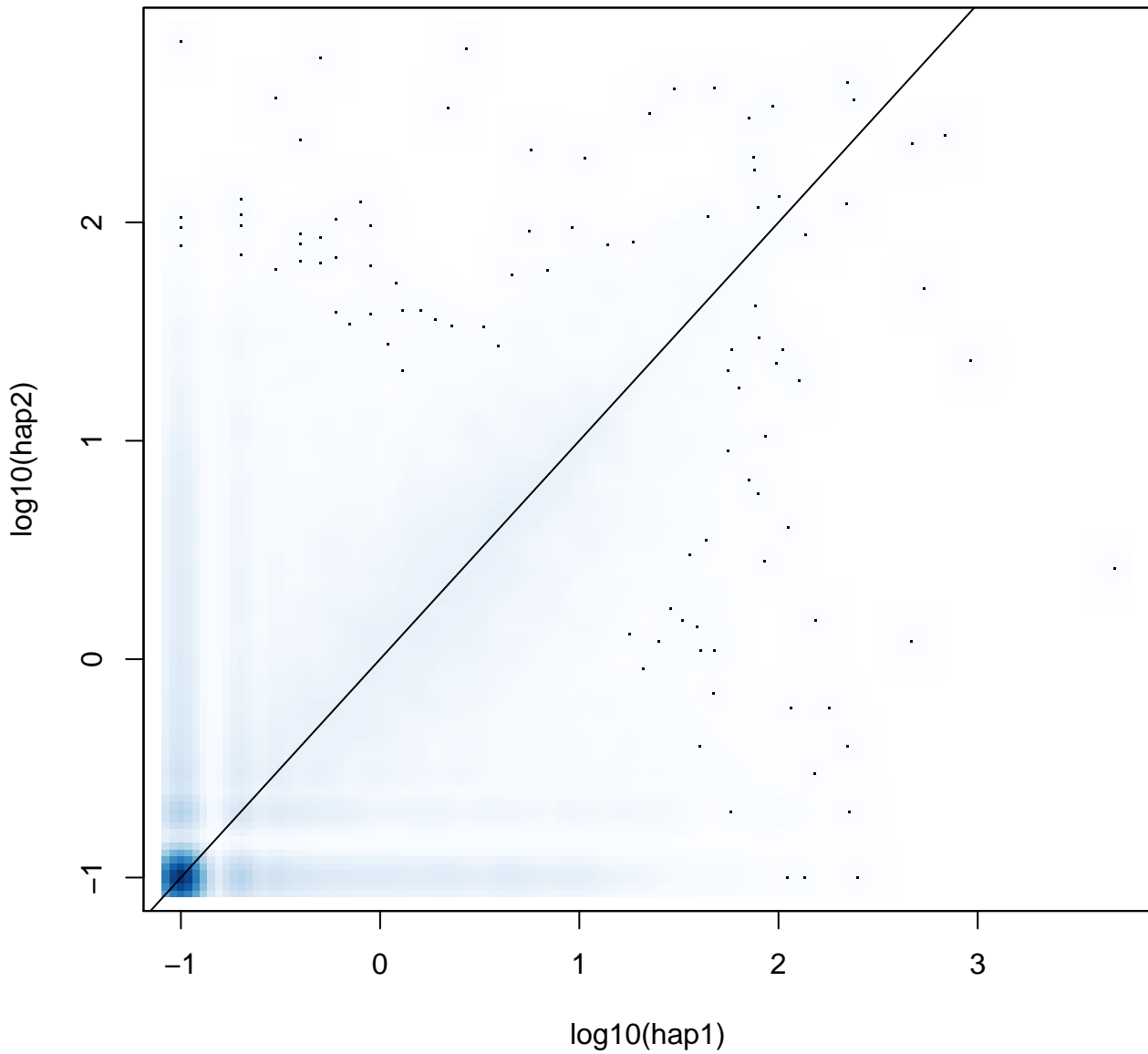
# NA18508: compare hap1 vs hap2 counts



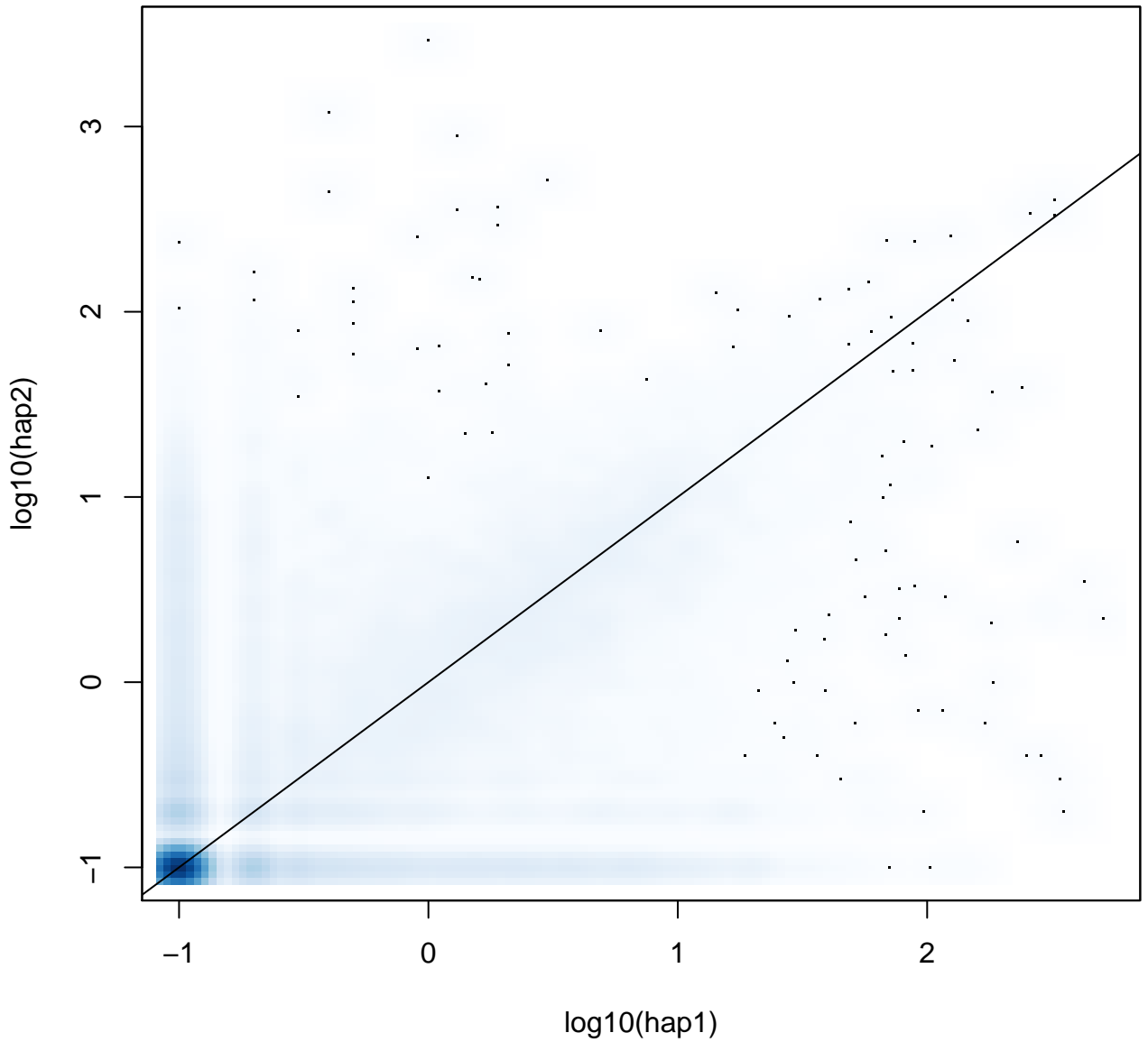
# NA18510: compare hap1 vs hap2 counts



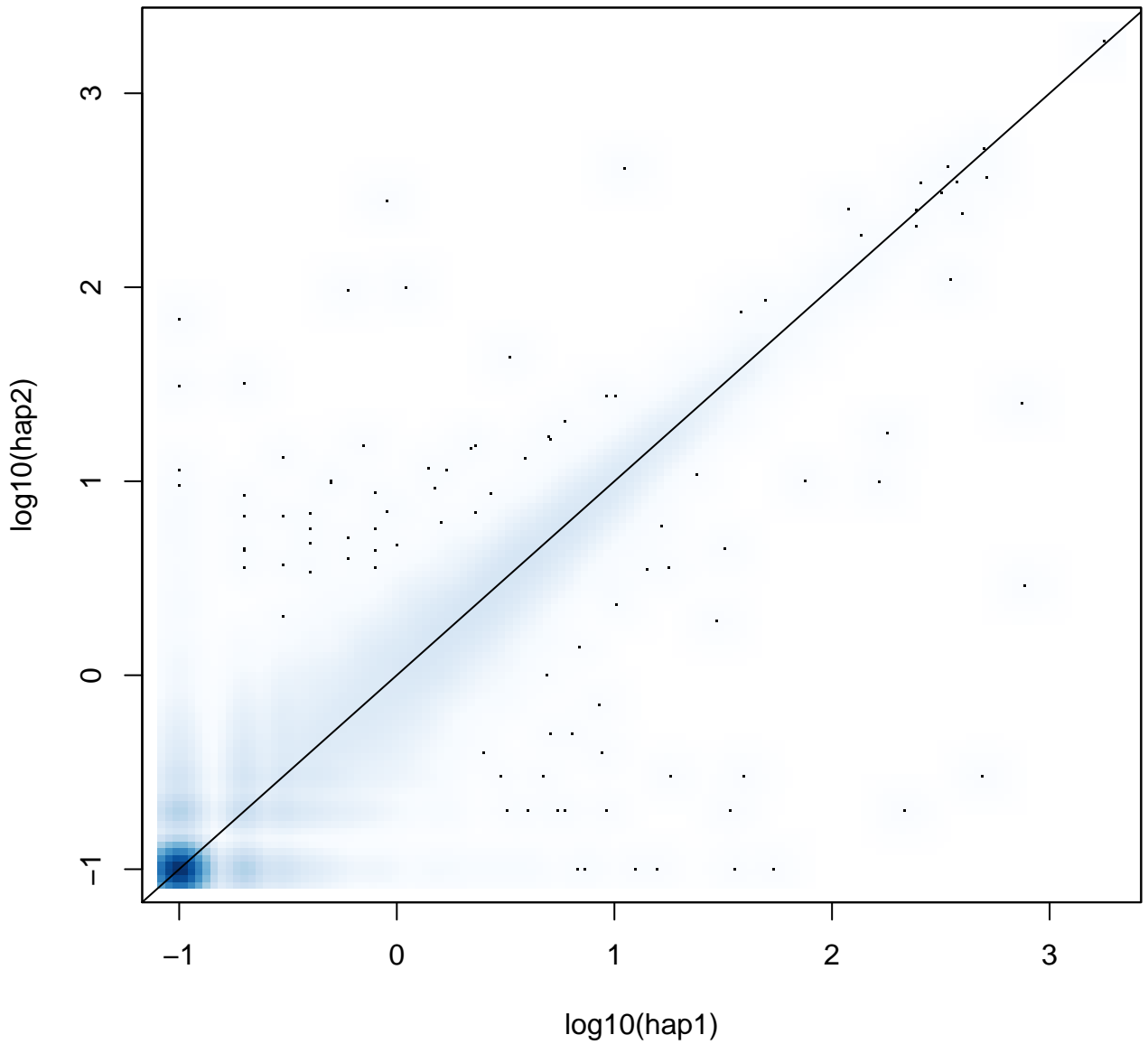
# NA18511: compare hap1 vs hap2 counts



# NA18517: compare hap1 vs hap2 counts

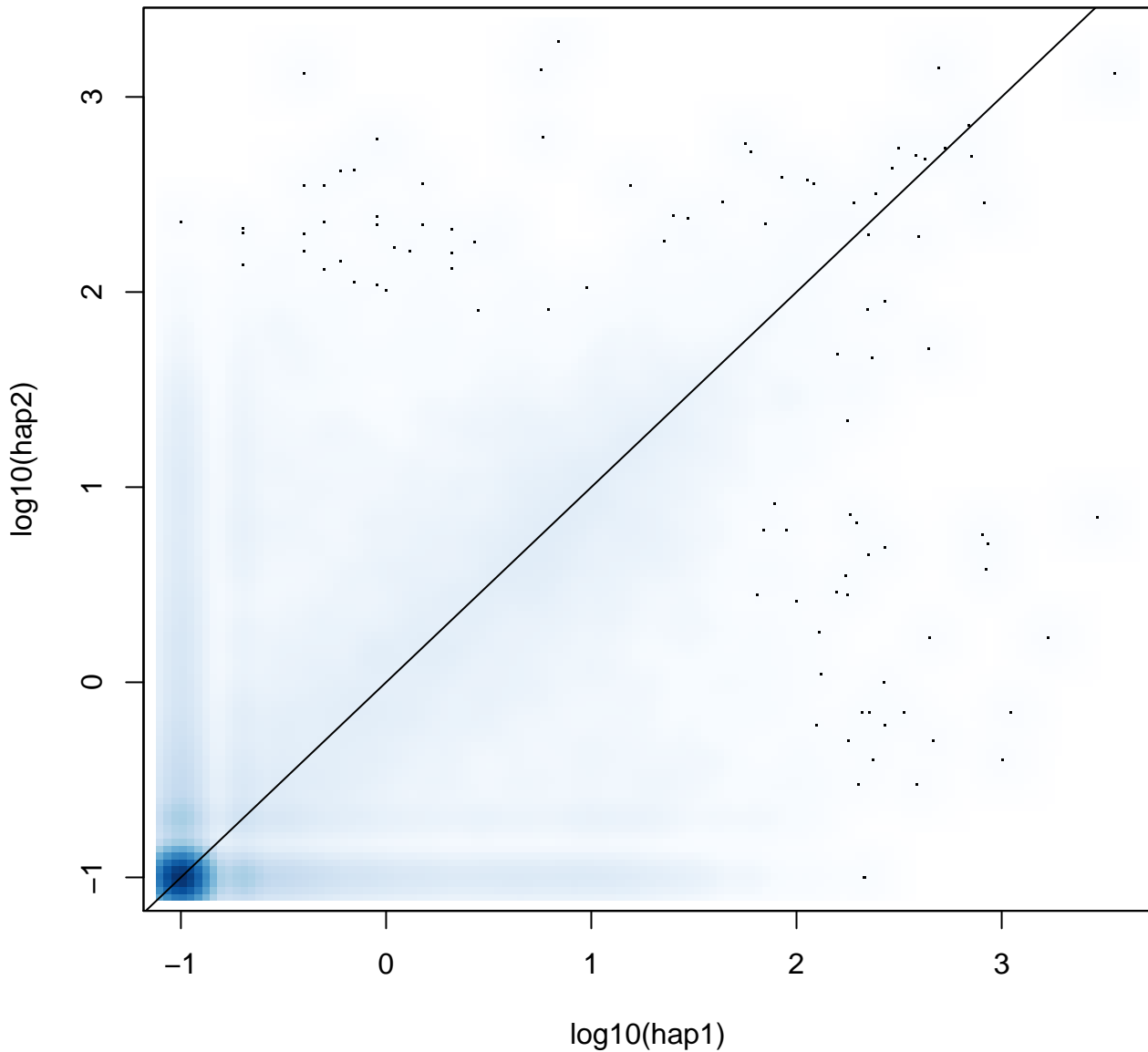


# NA18519: compare hap1 vs hap2 counts

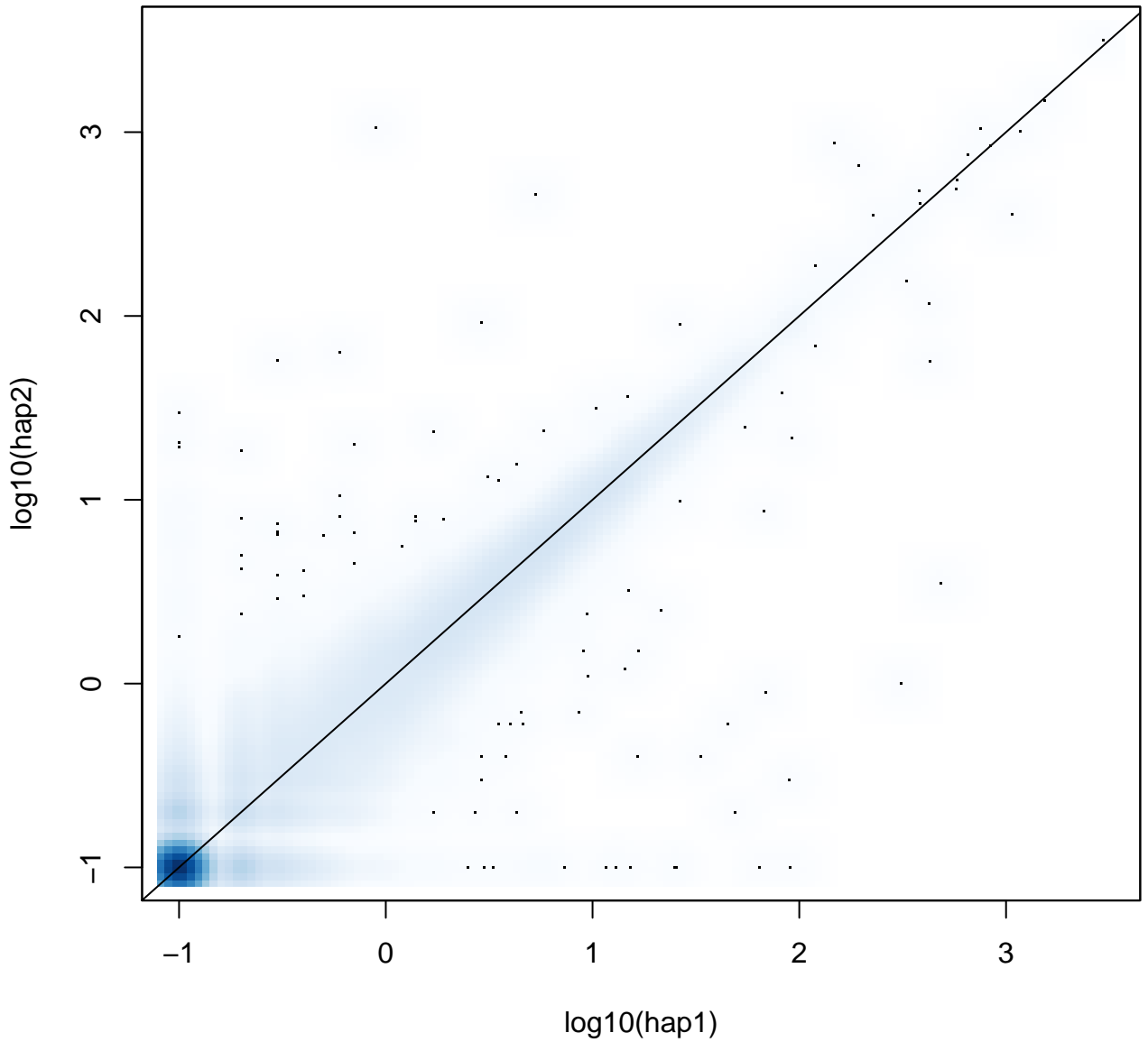




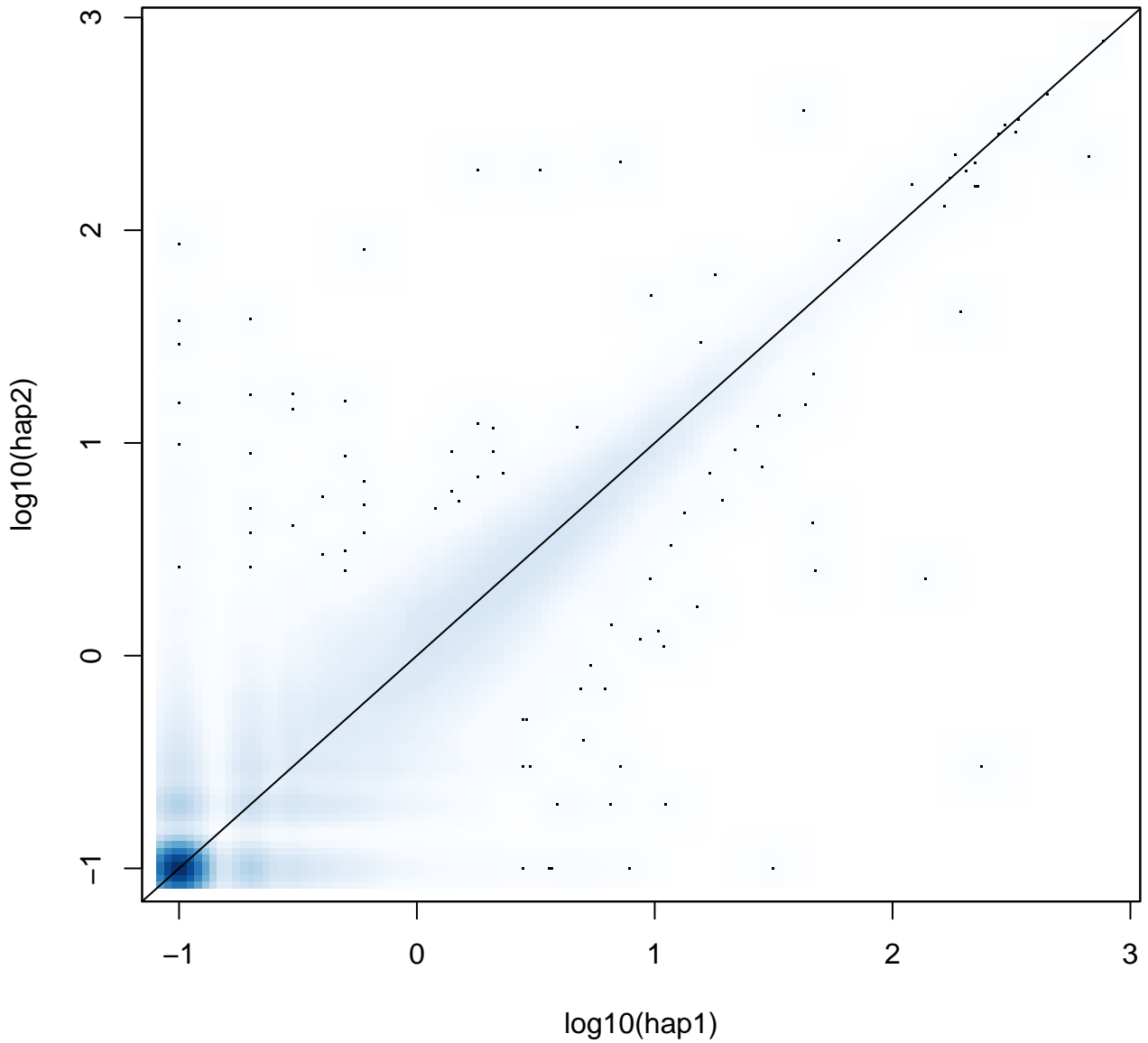
# NA18520: compare hap1 vs hap2 counts



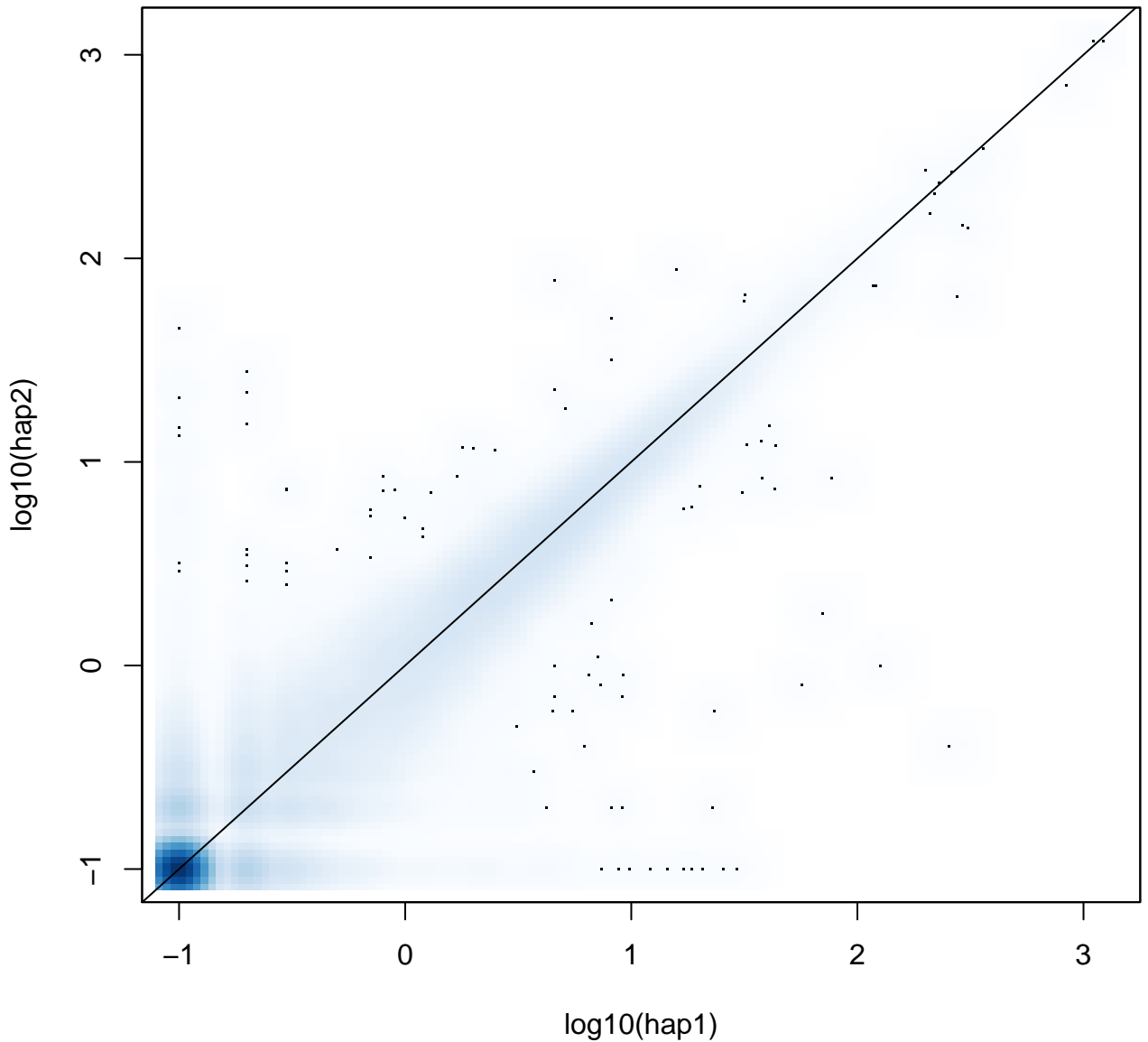
# NA18858: compare hap1 vs hap2 counts



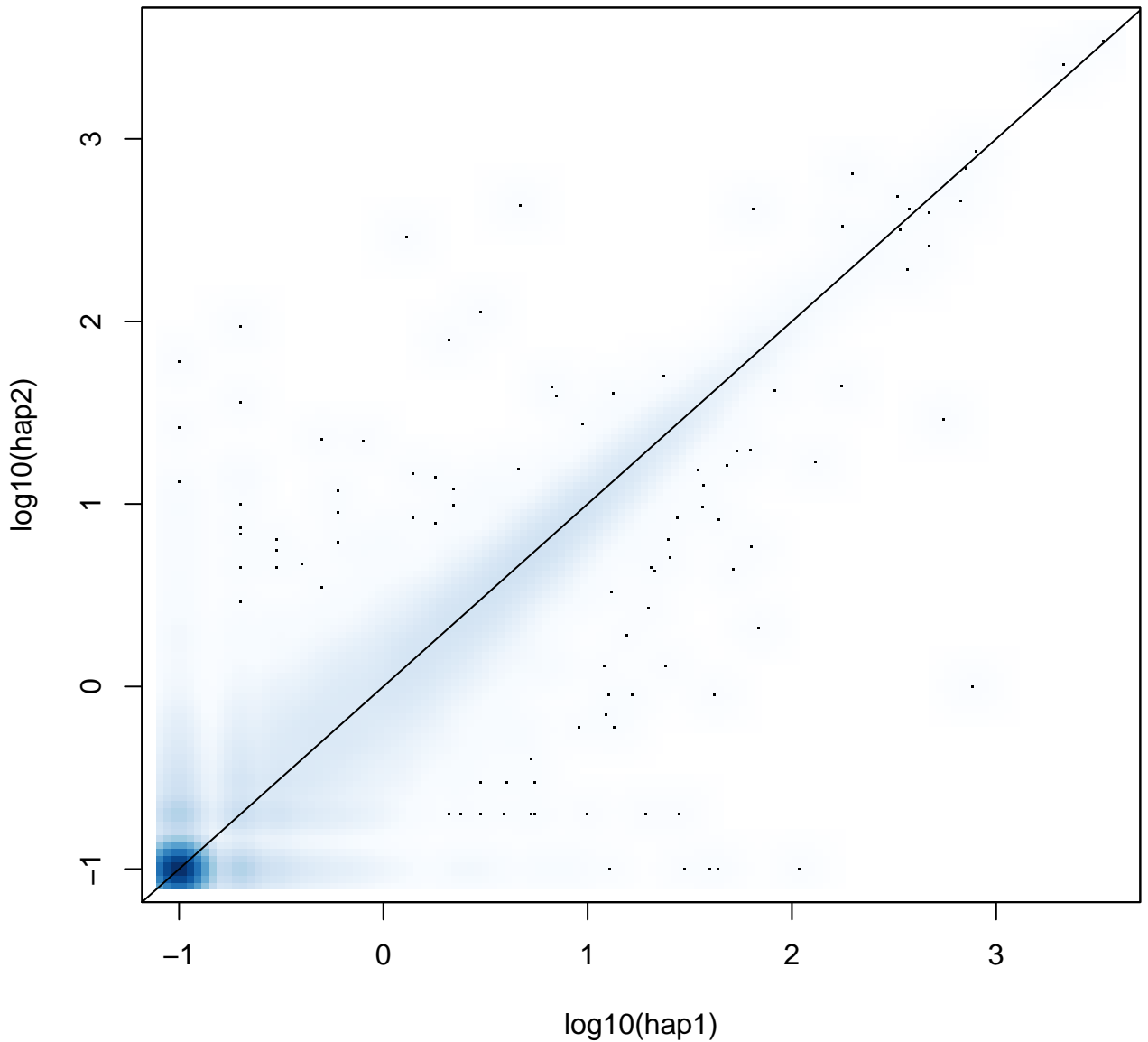
# NA18861: compare hap1 vs hap2 counts



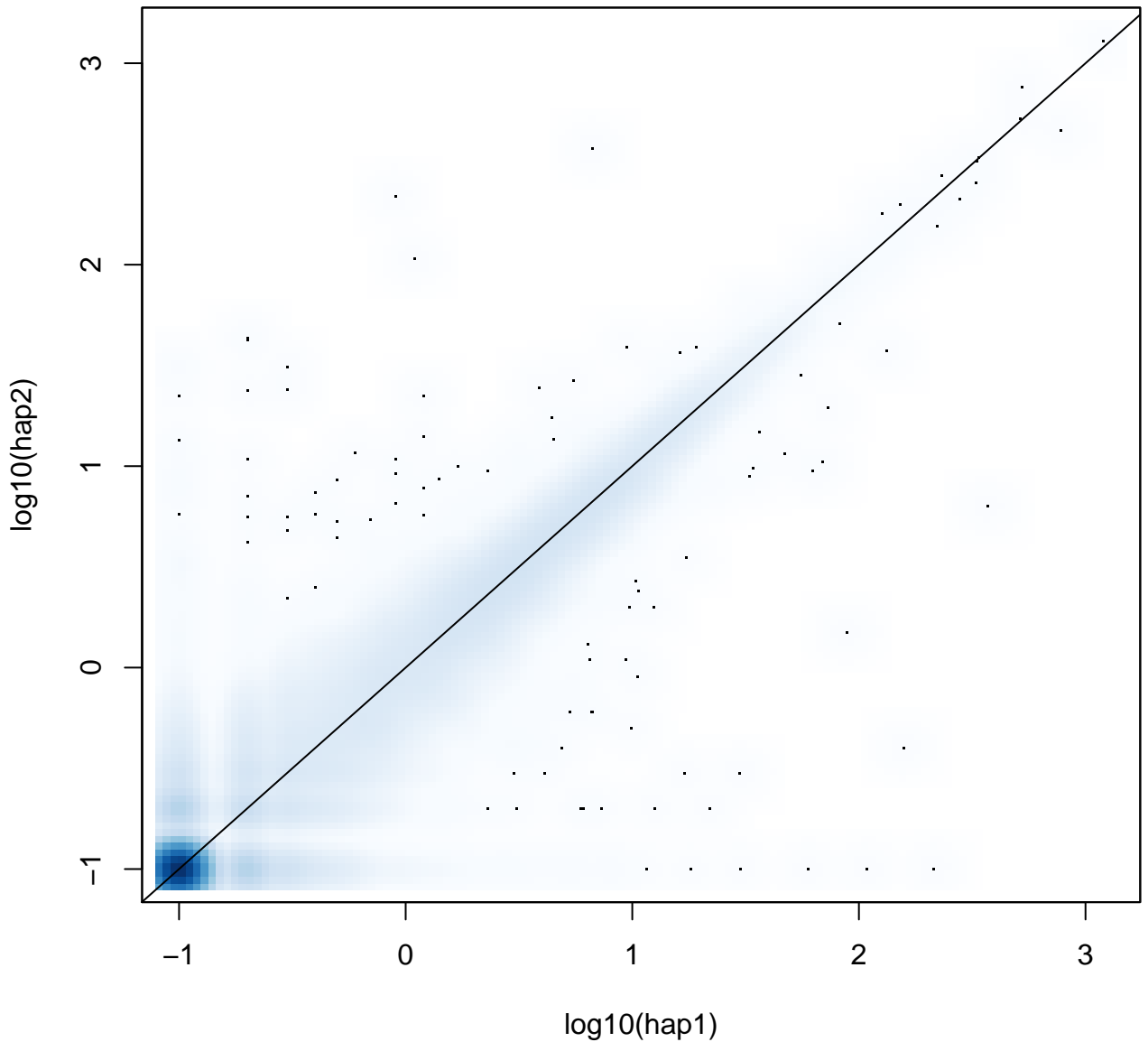
# NA18867: compare hap1 vs hap2 counts



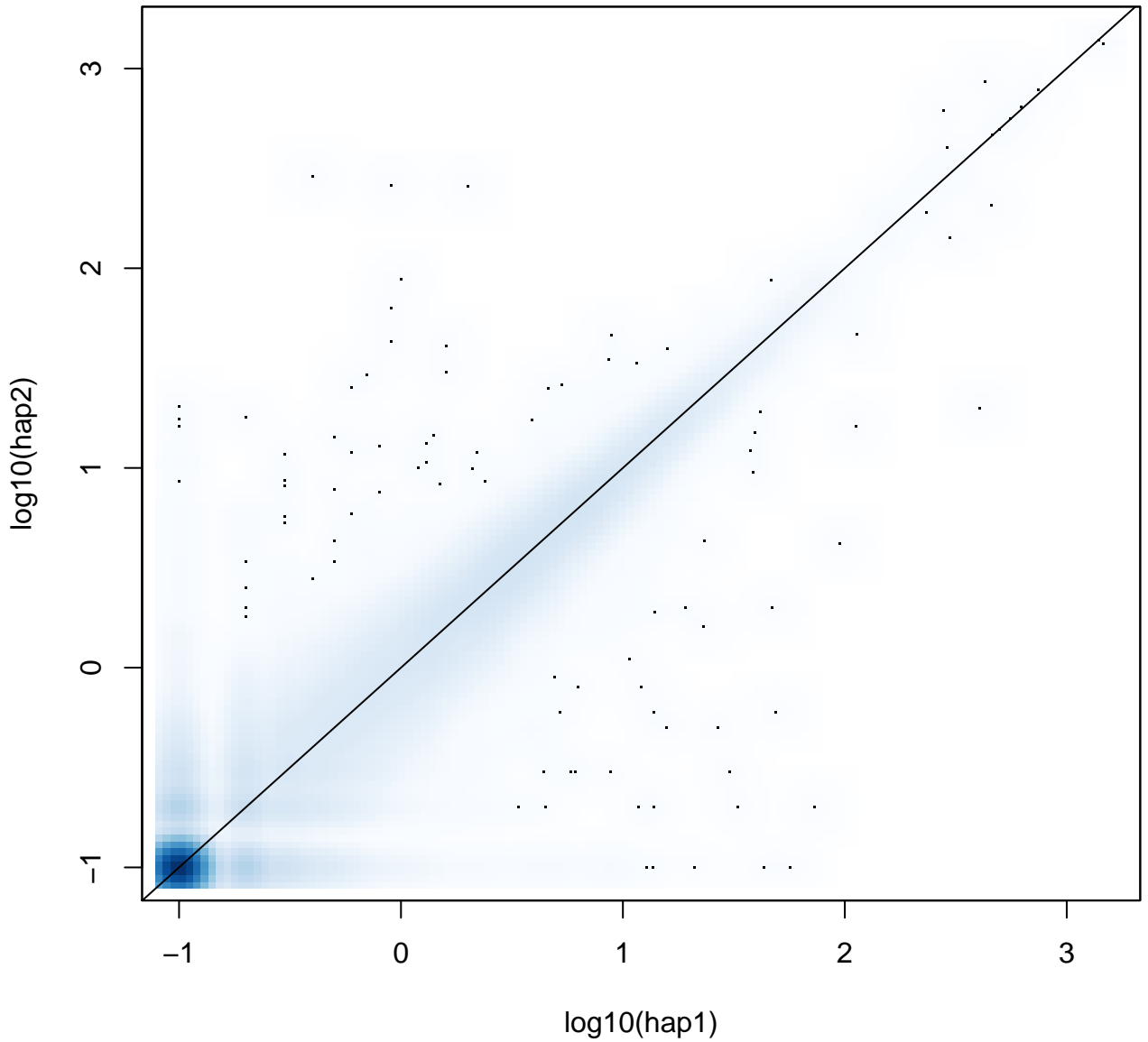
# NA18868: compare hap1 vs hap2 counts



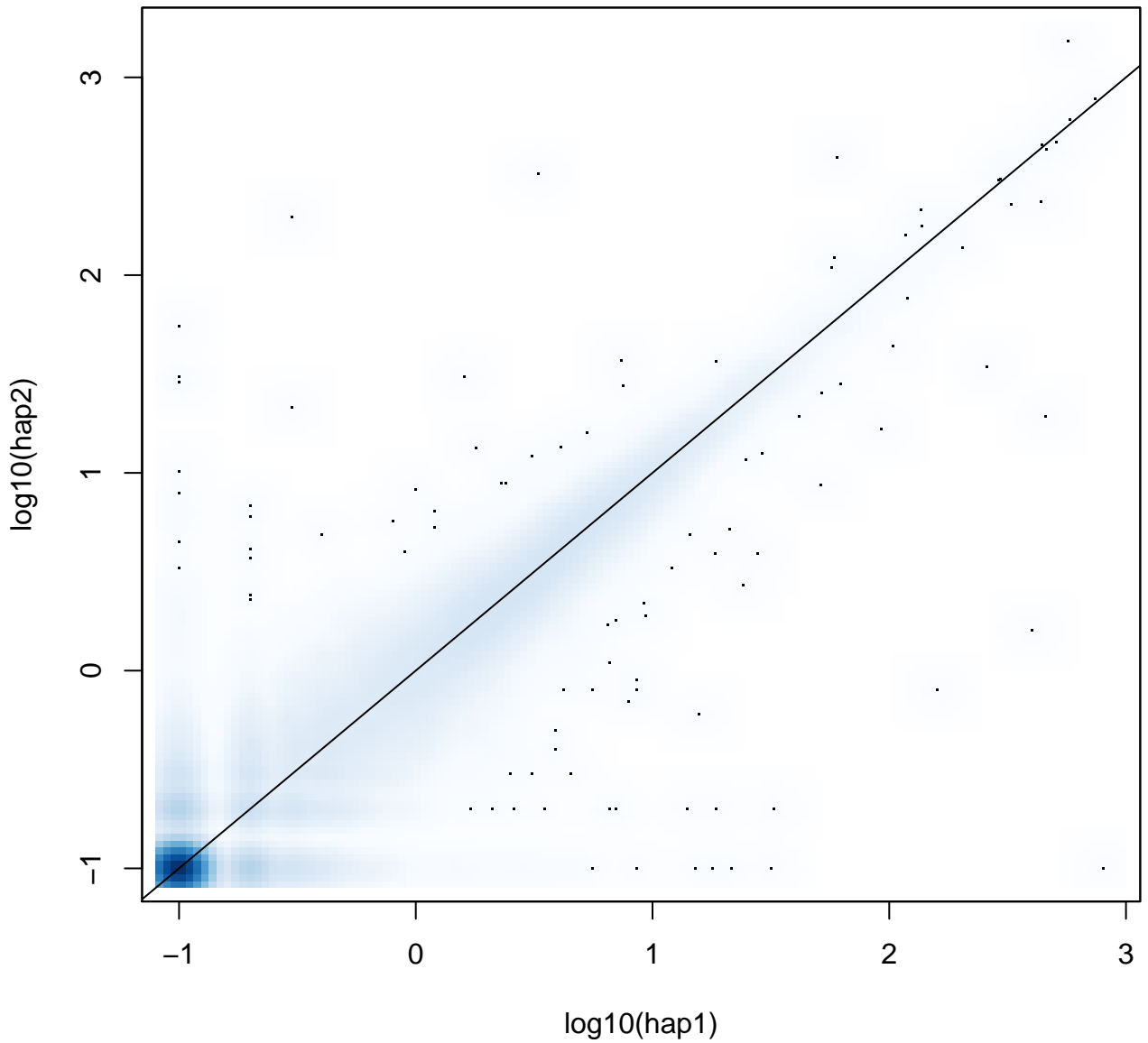
# NA18870: compare hap1 vs hap2 counts



# NA18873: compare hap1 vs hap2 counts

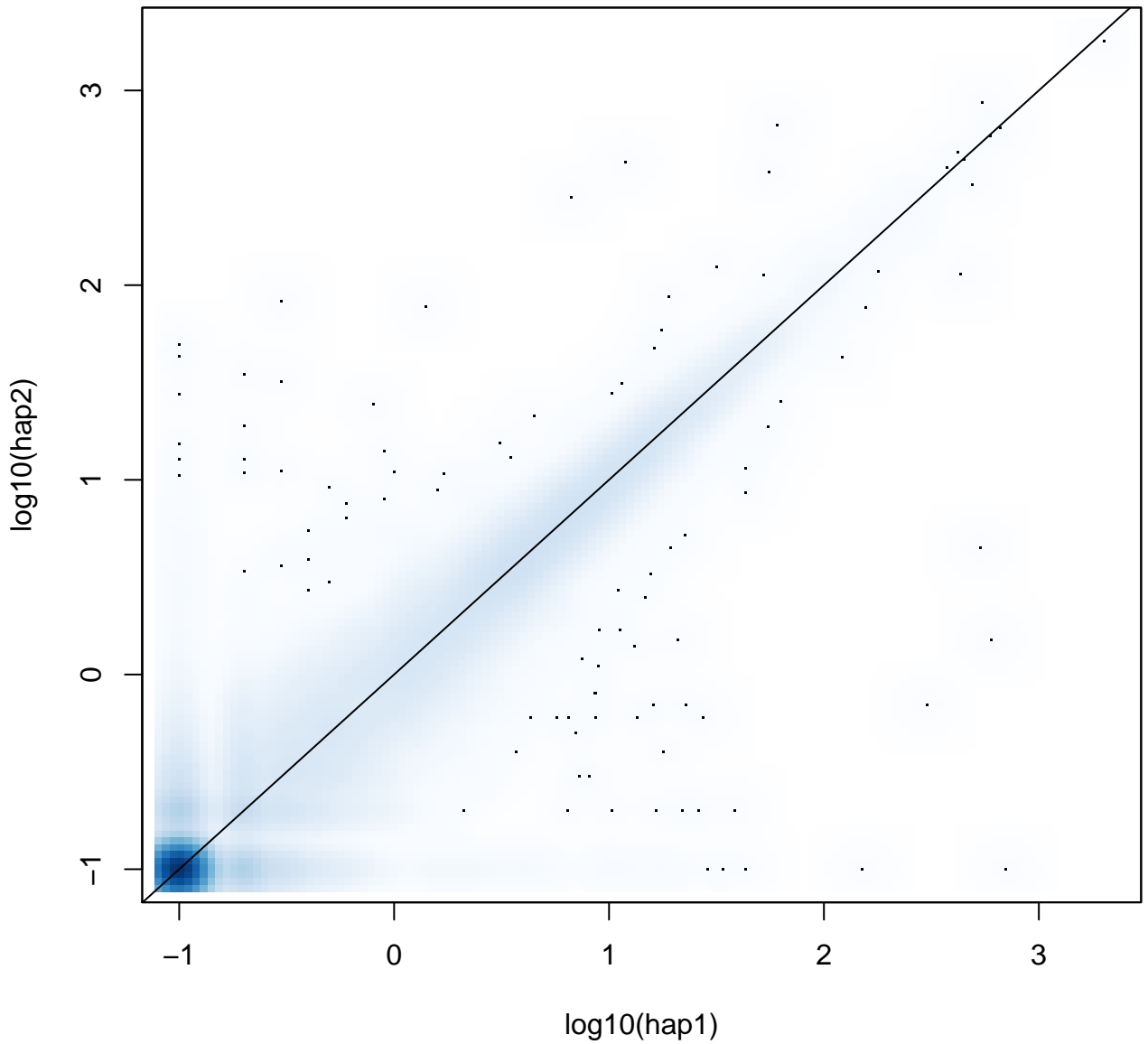


# NA18907: compare hap1 vs hap2 counts

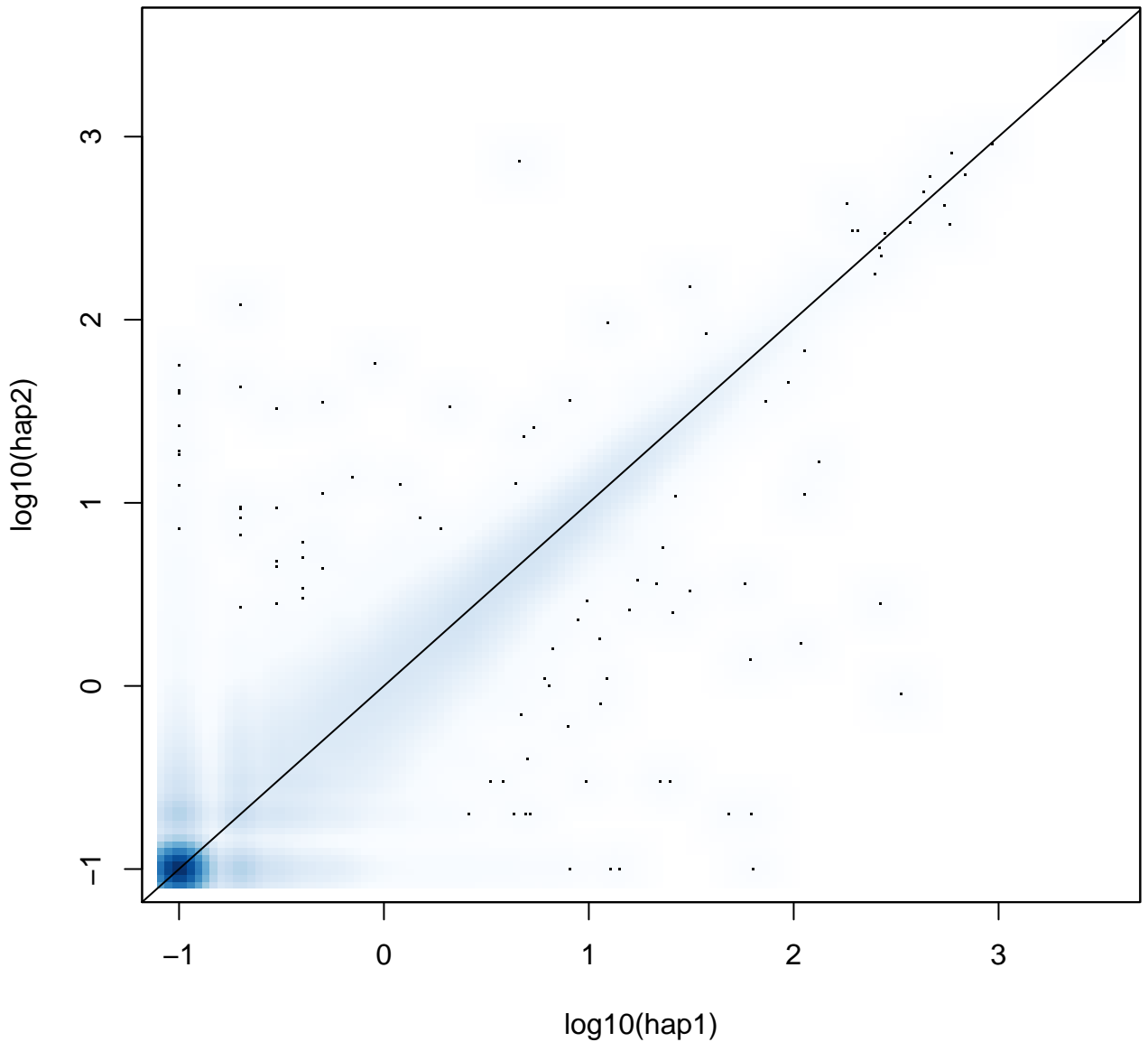




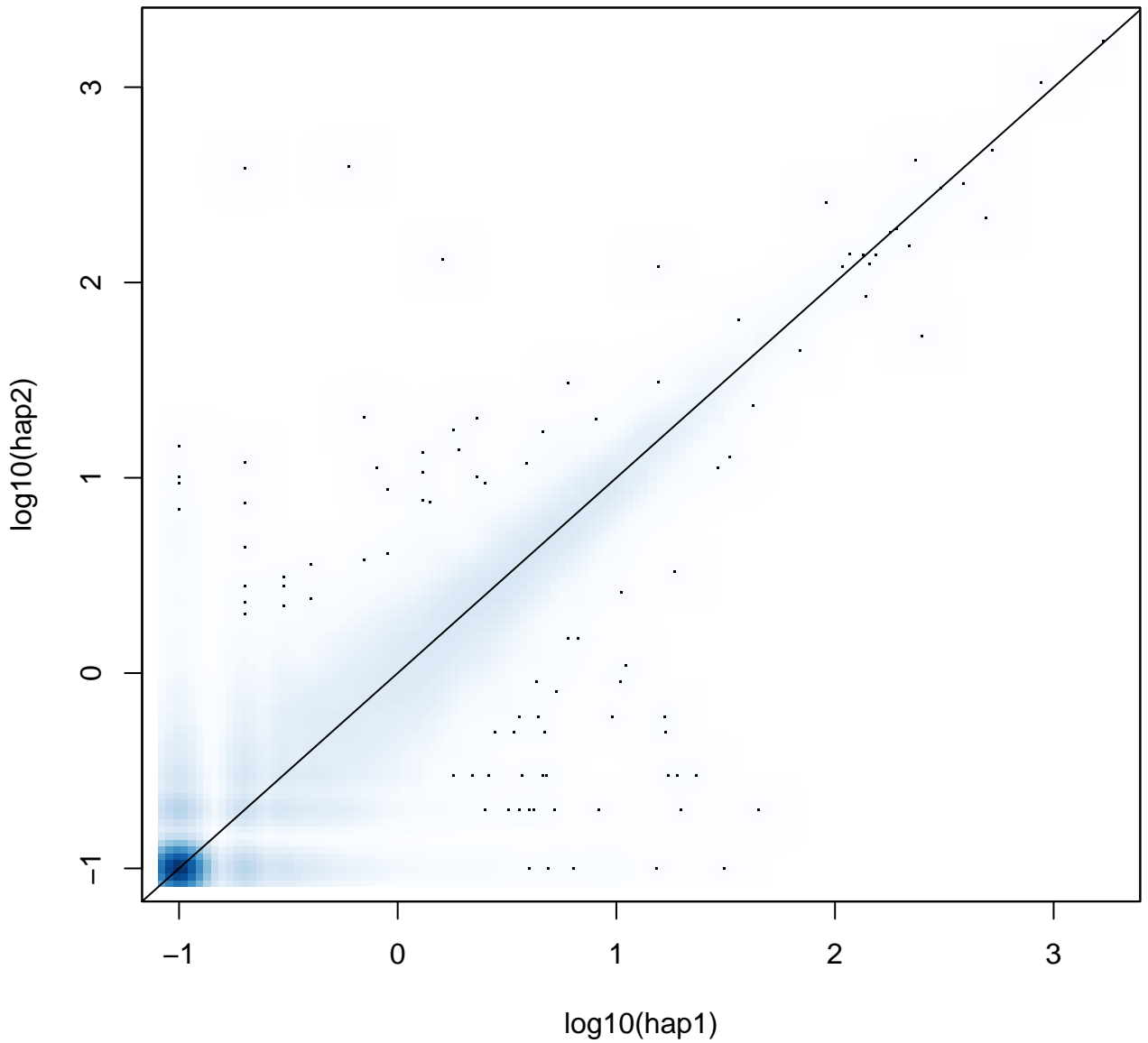
# NA18908: compare hap1 vs hap2 counts



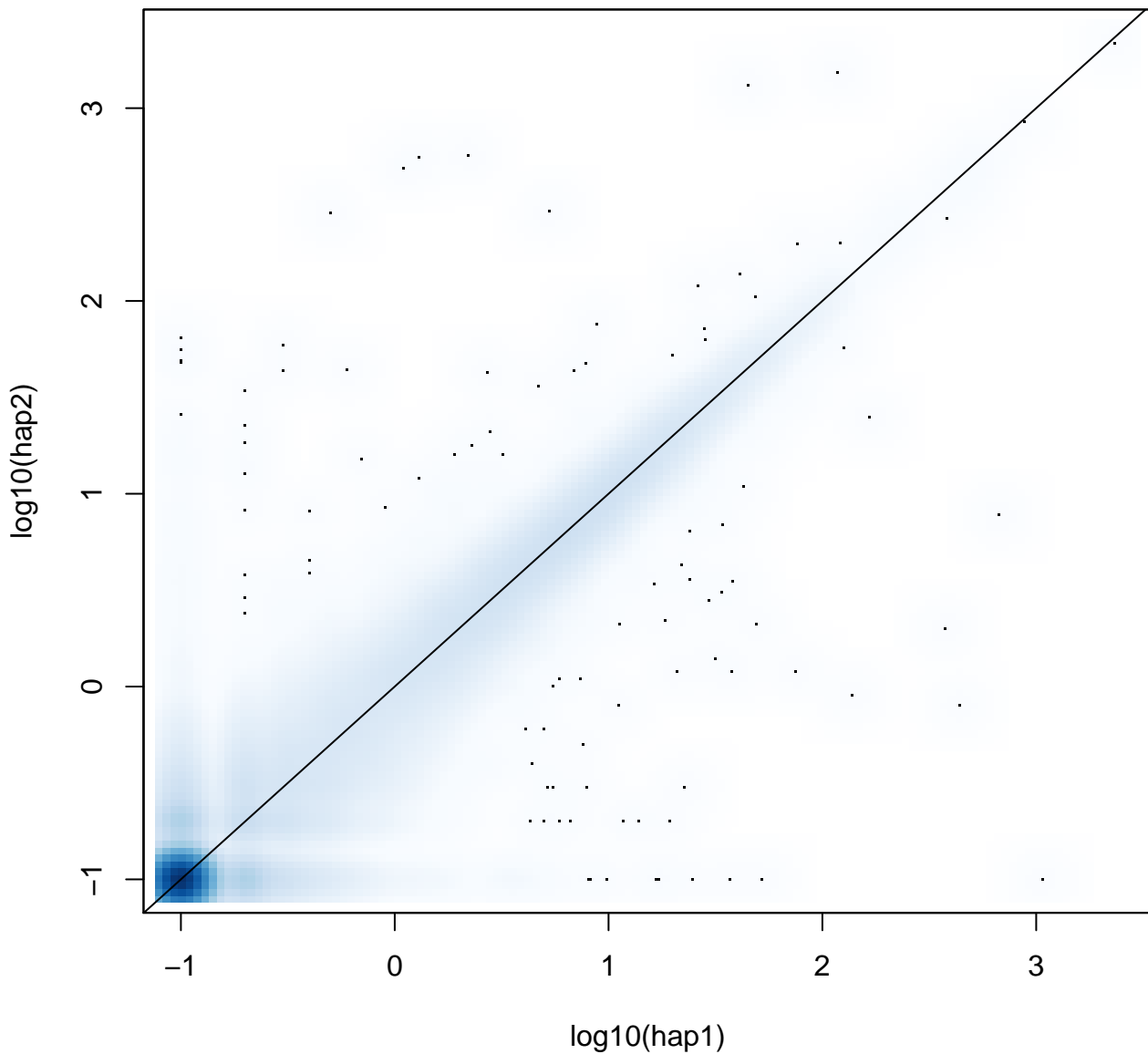
# NA18909: compare hap1 vs hap2 counts



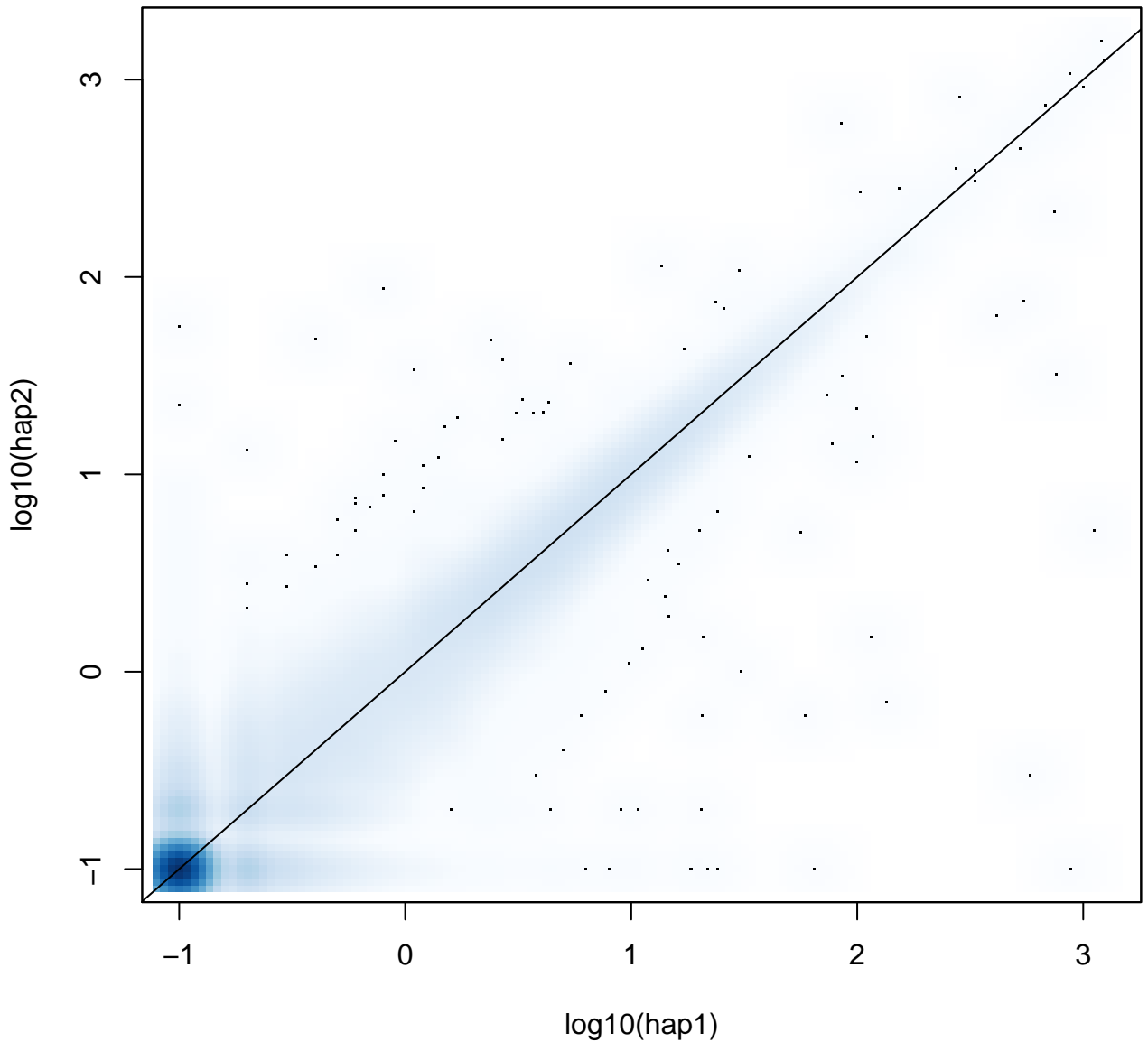
# NA18910: compare hap1 vs hap2 counts



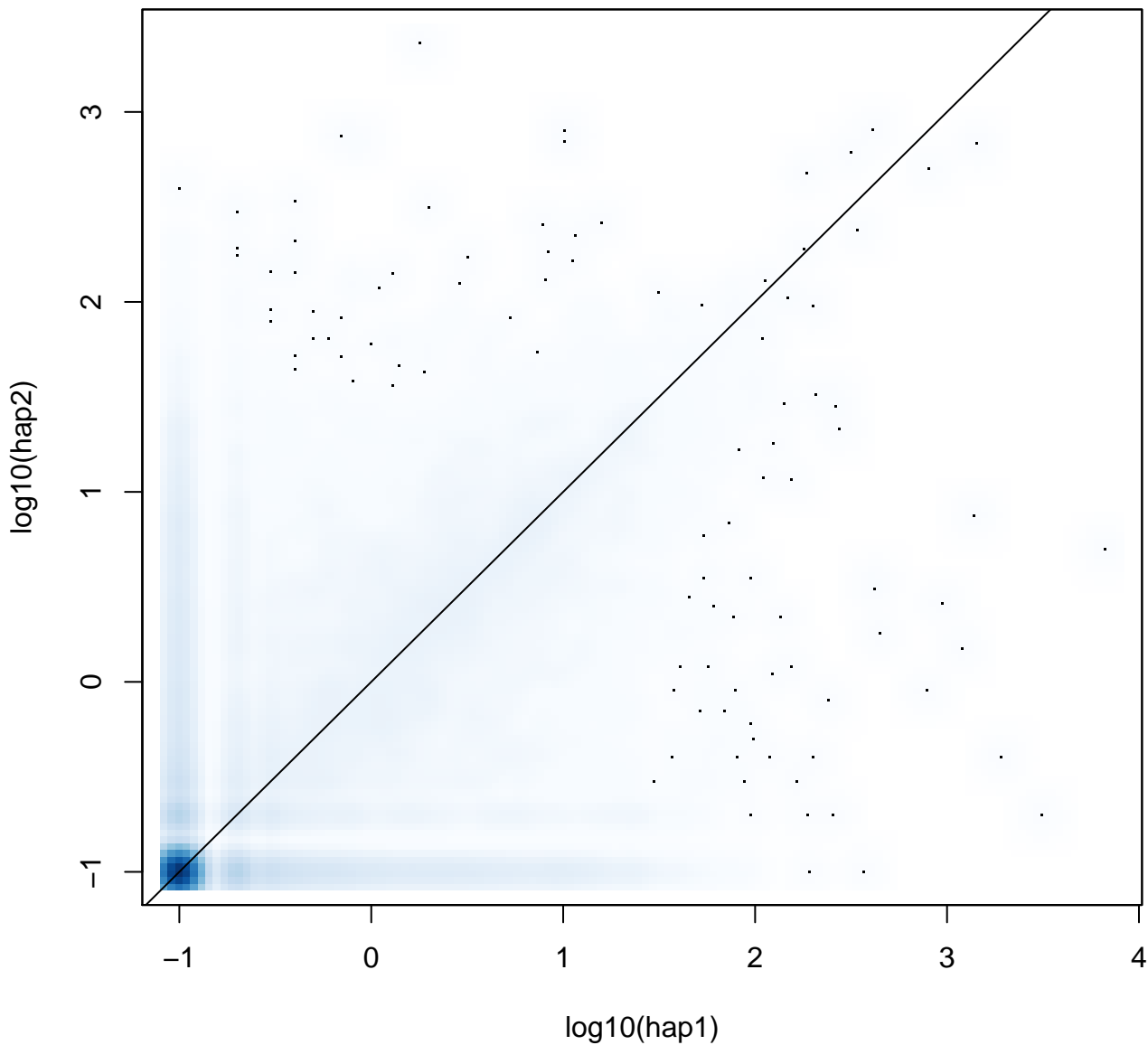
# NA18912: compare hap1 vs hap2 counts



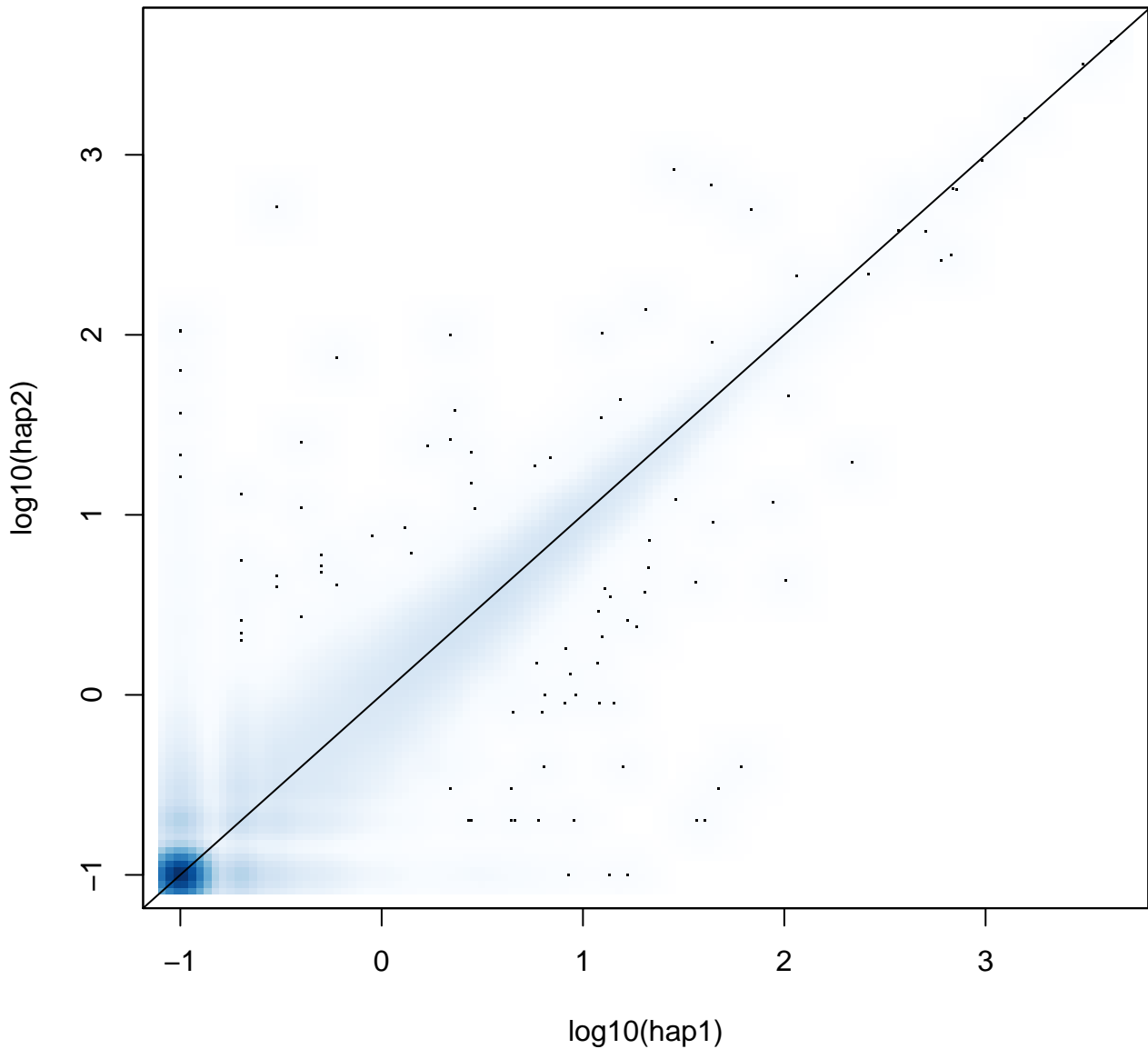
# NA18916: compare hap1 vs hap2 counts



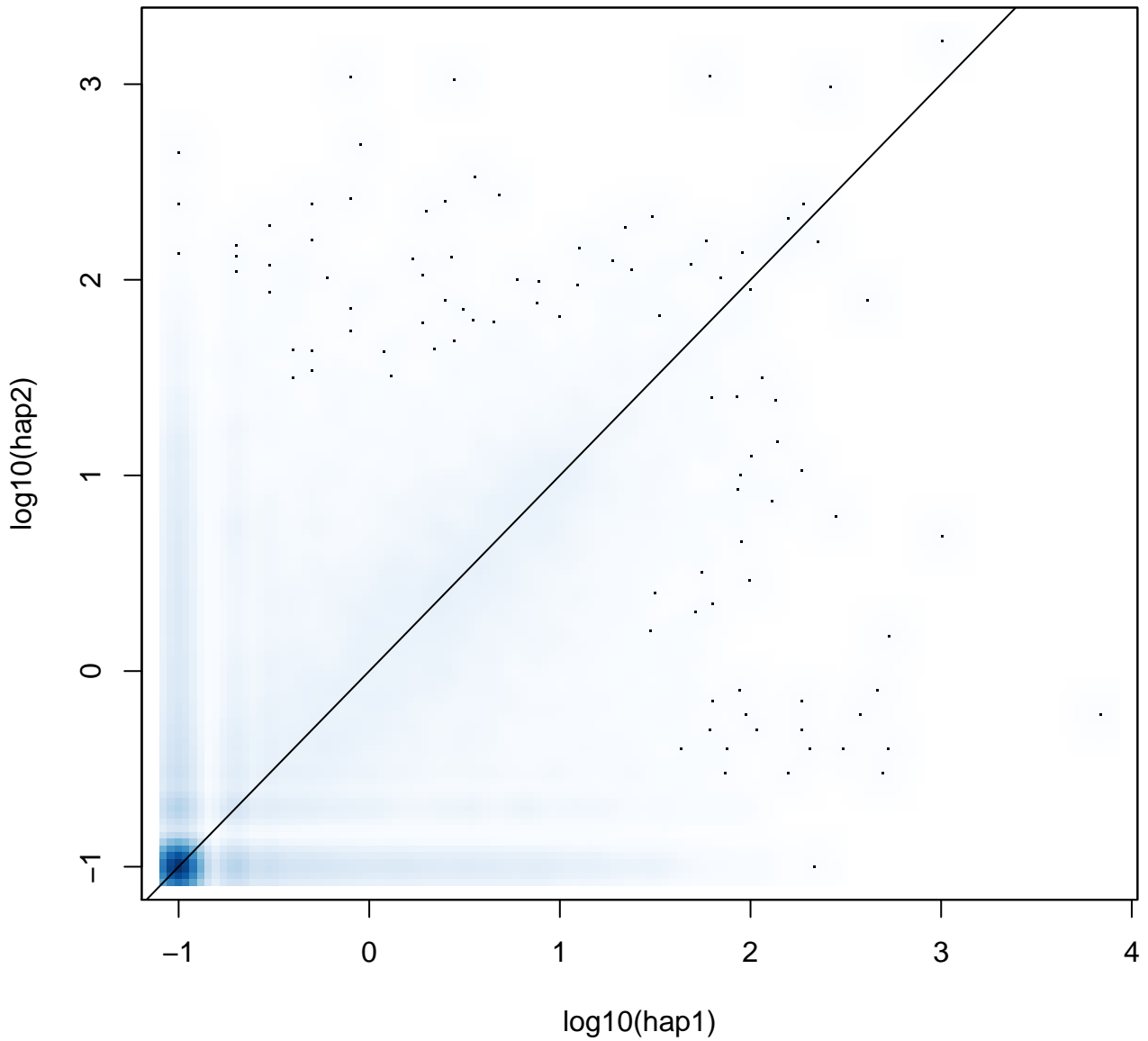
# NA18917: compare hap1 vs hap2 counts



# NA18923: compare hap1 vs hap2 counts

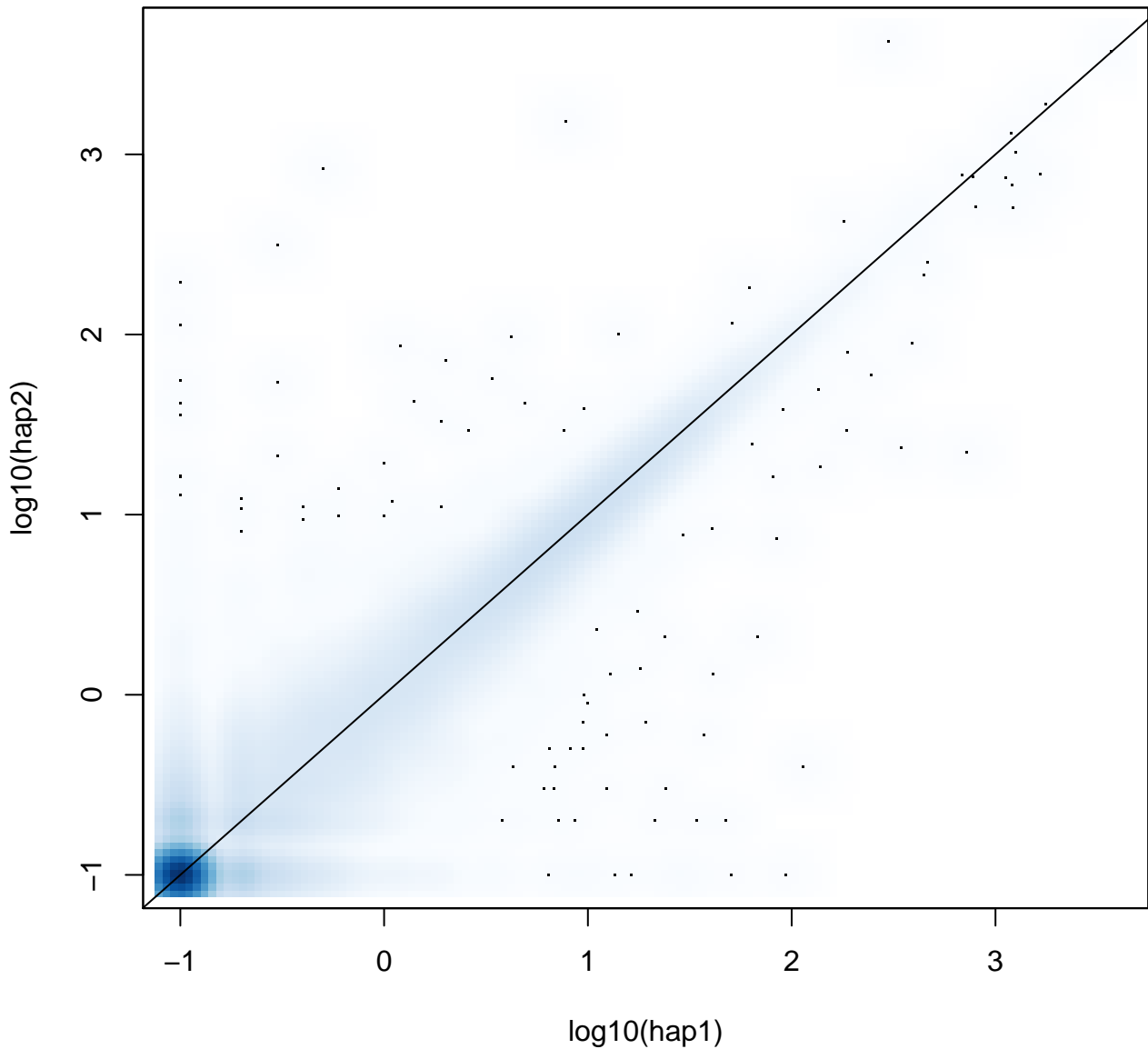


# NA18933: compare hap1 vs hap2 counts

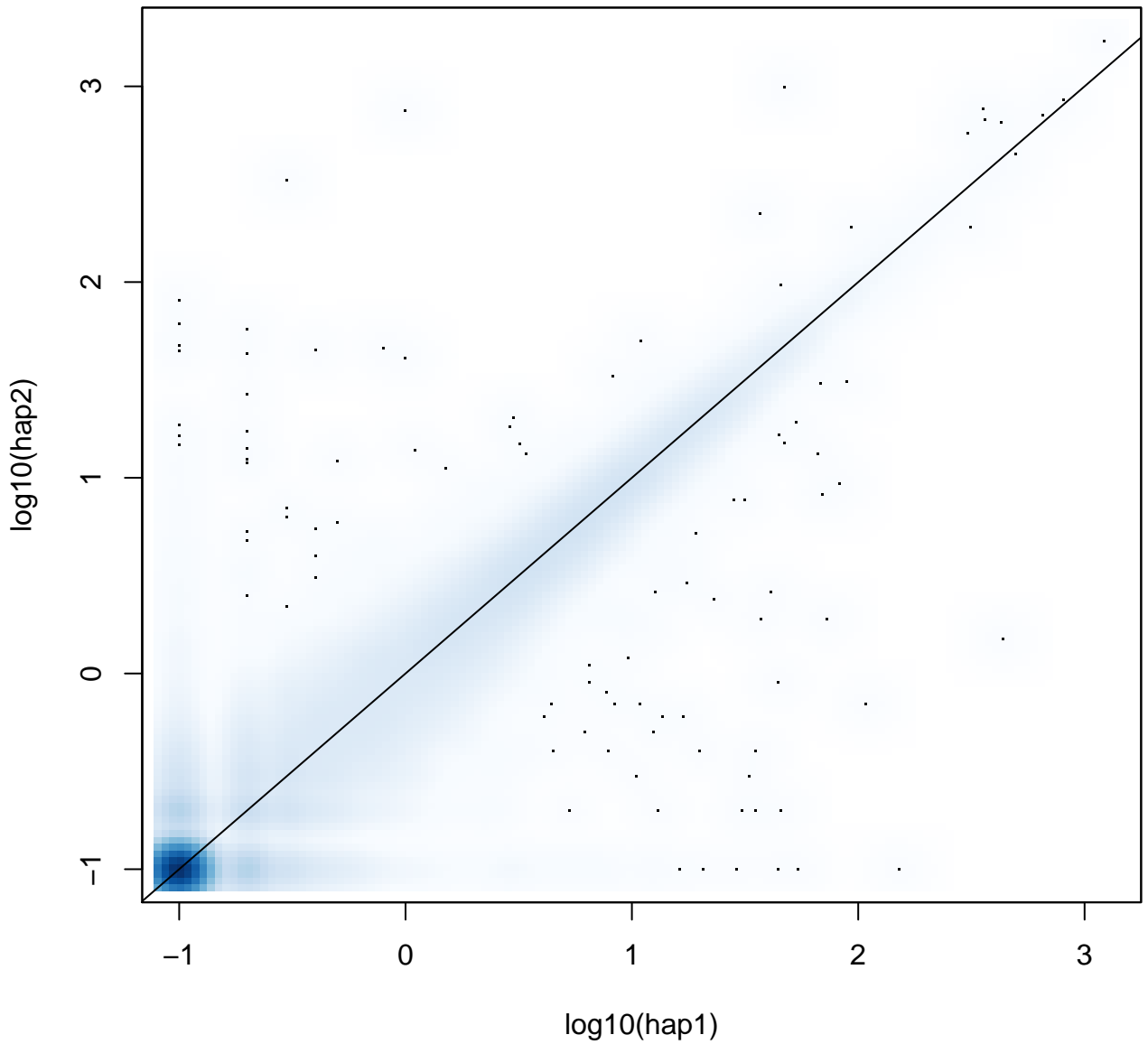




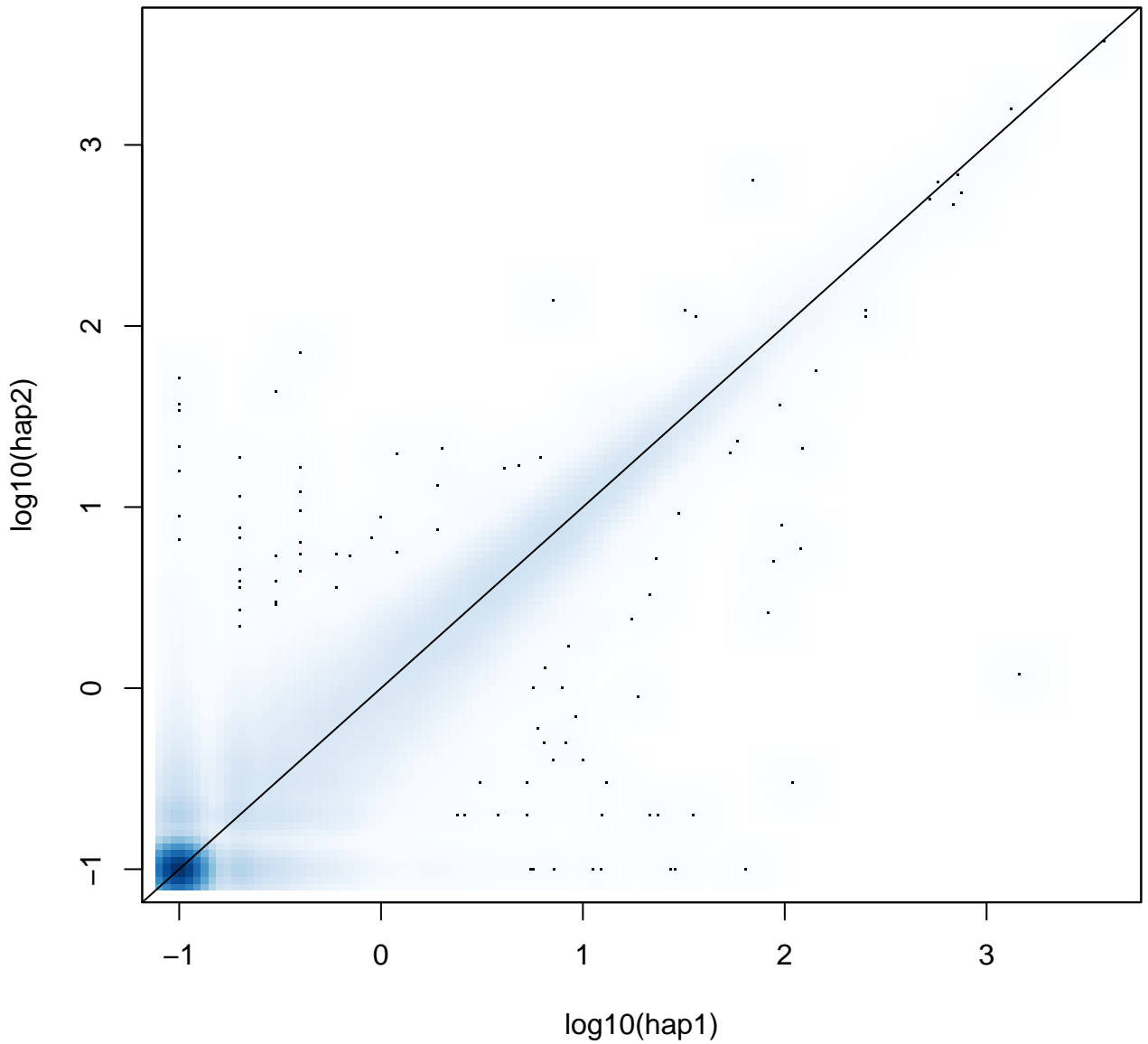
# NA18934: compare hap1 vs hap2 counts



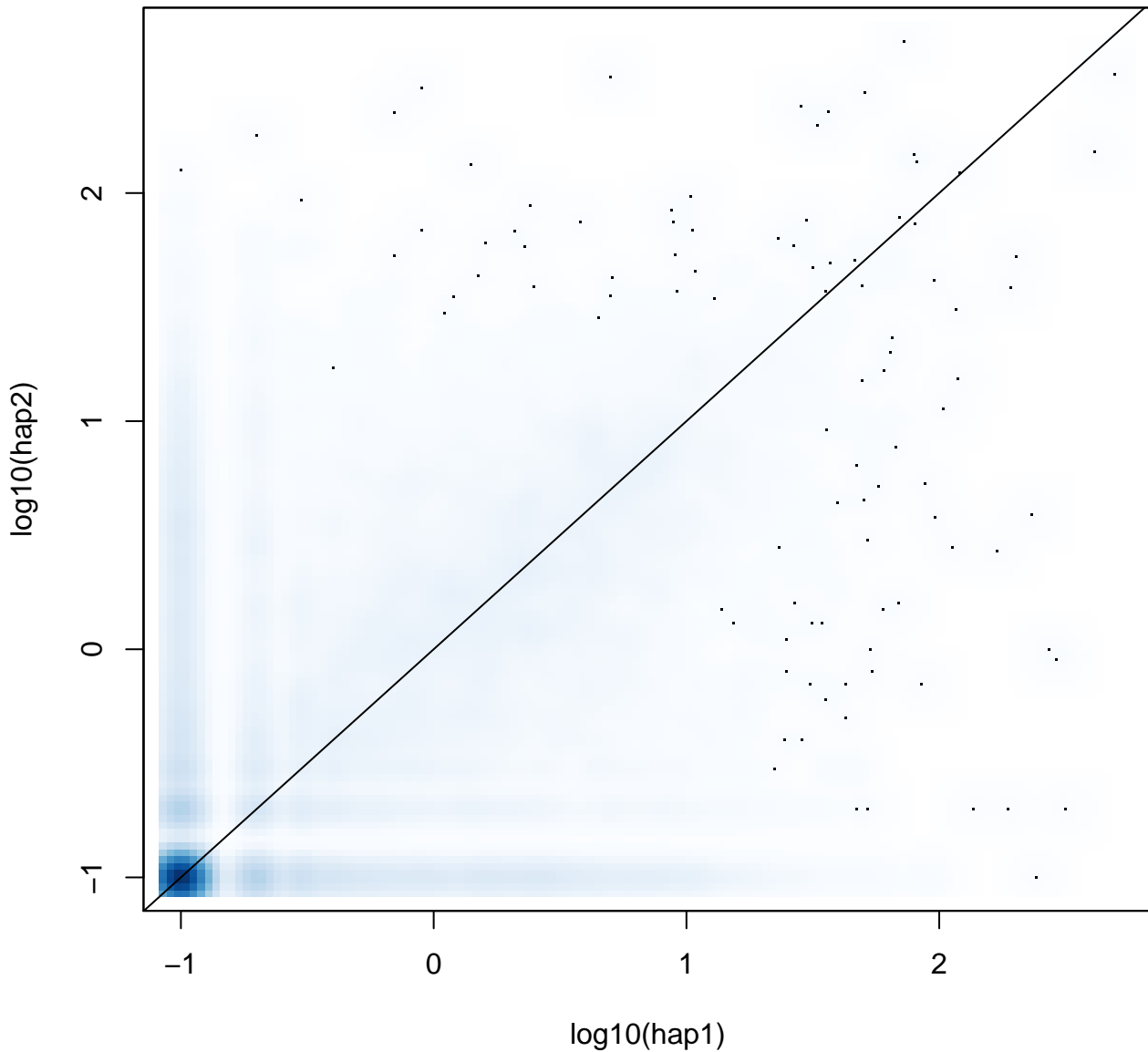
# NA19093: compare hap1 vs hap2 counts



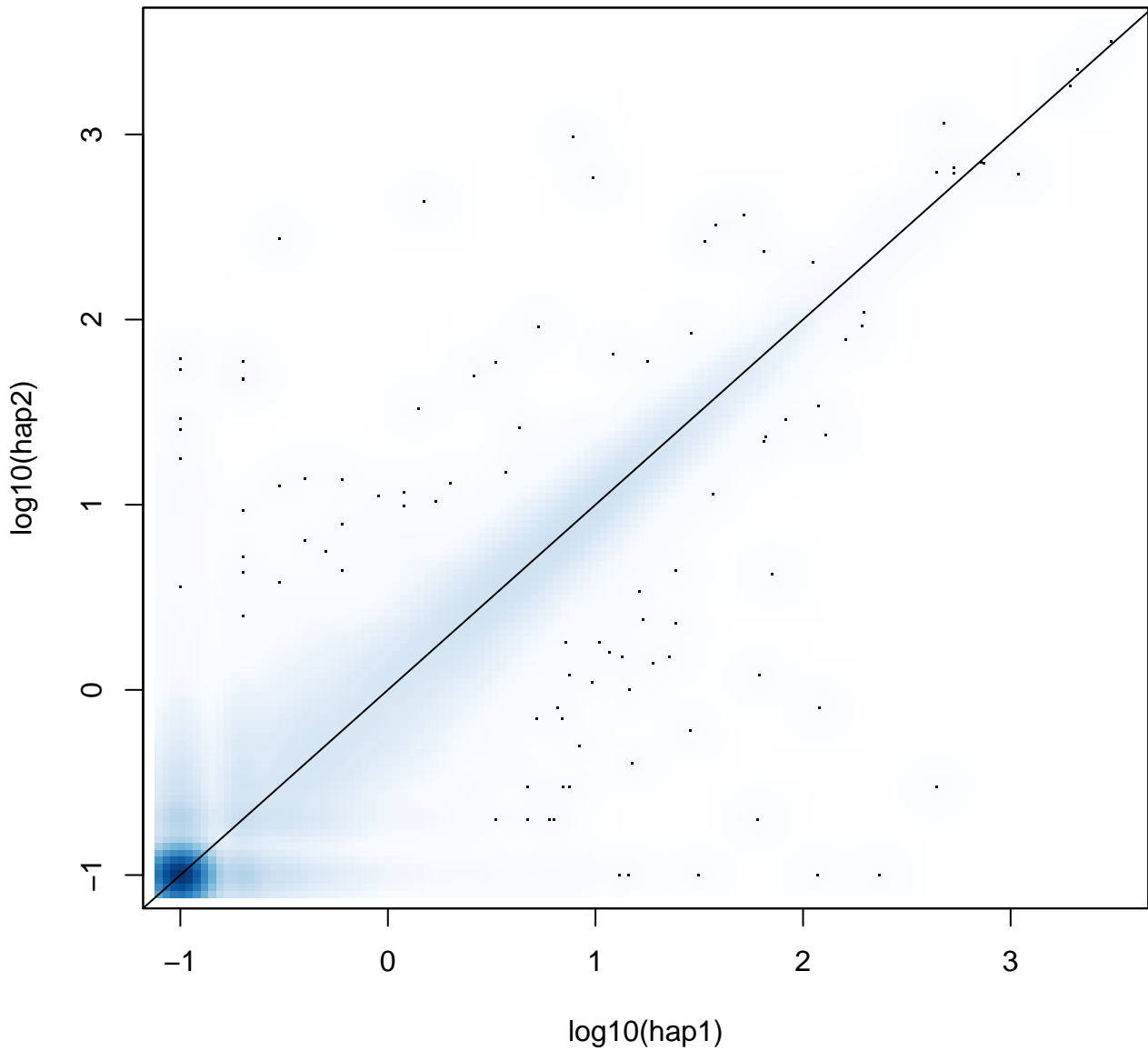
# NA19095: compare hap1 vs hap2 counts



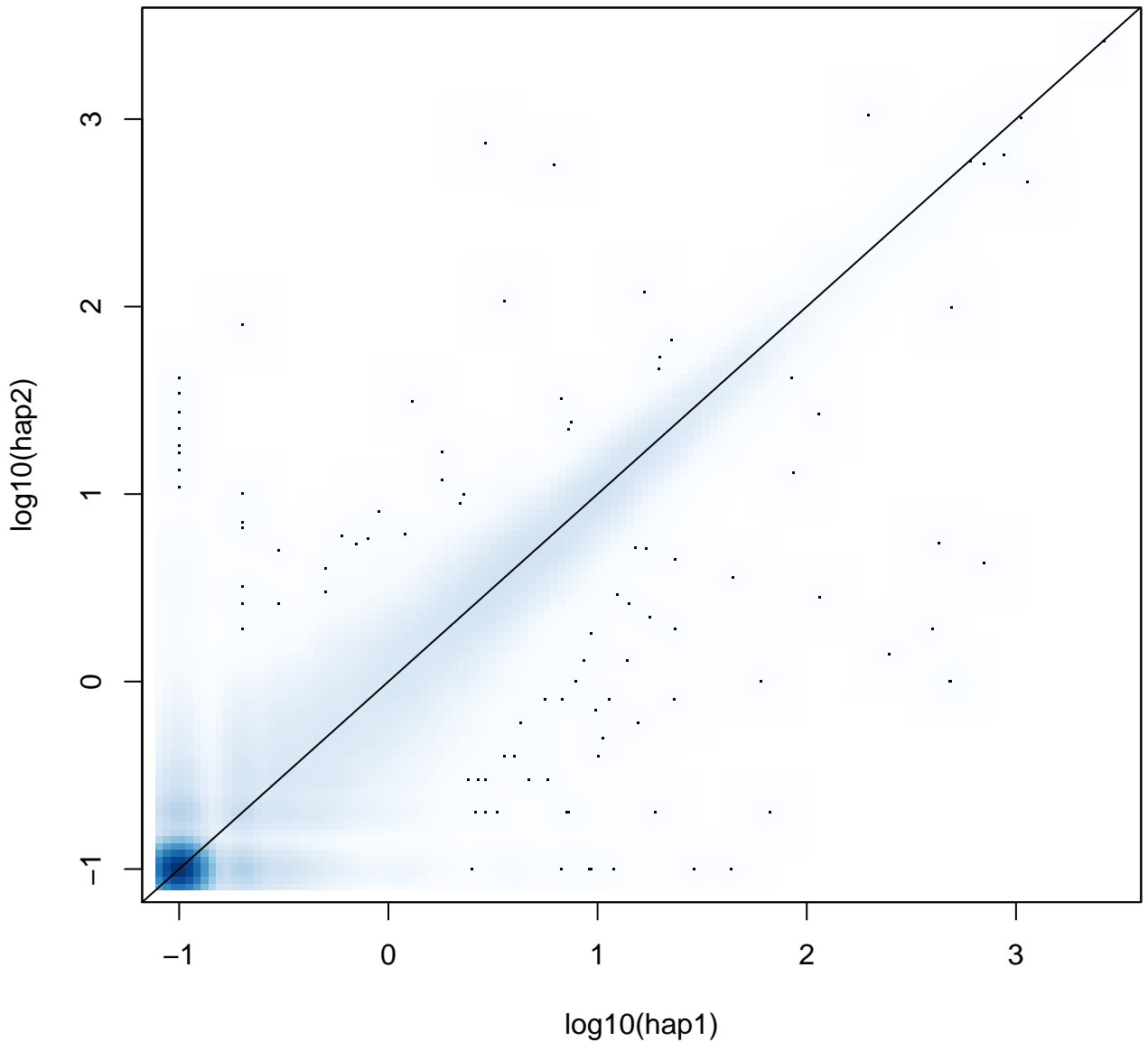
# NA19096: compare hap1 vs hap2 counts



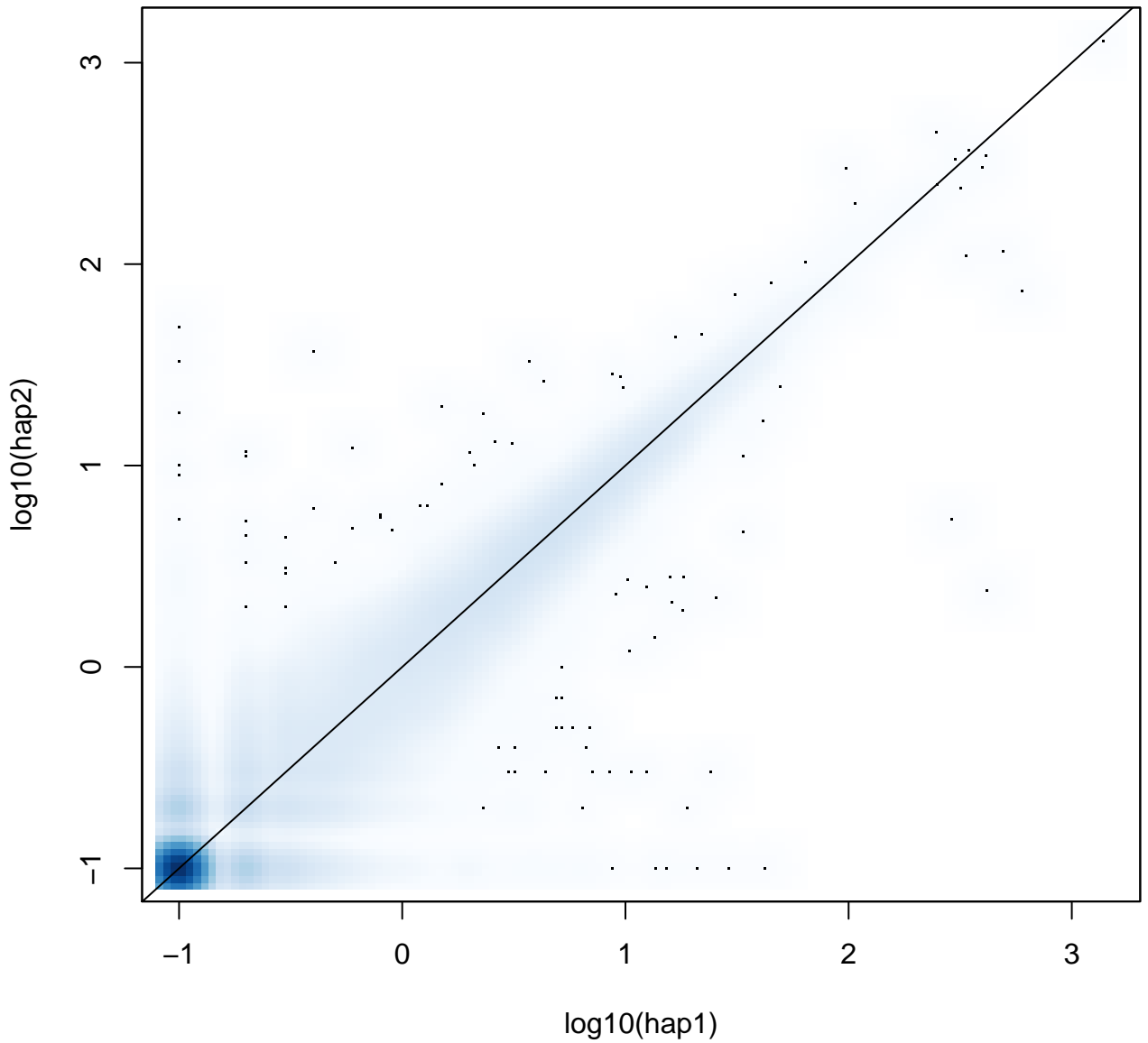
# NA19098: compare hap1 vs hap2 counts



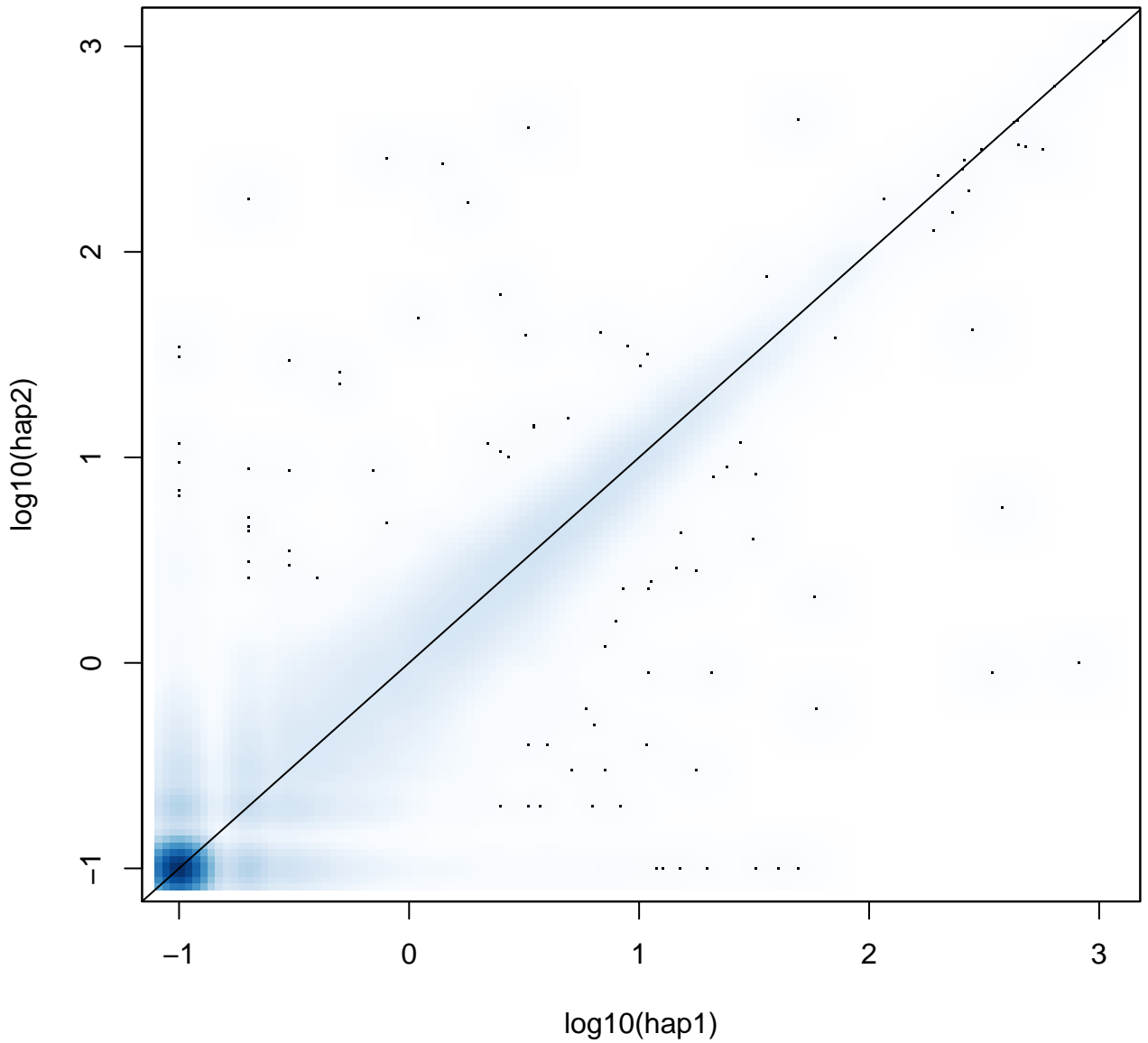
# NA19099: compare hap1 vs hap2 counts



# NA19102: compare hap1 vs hap2 counts

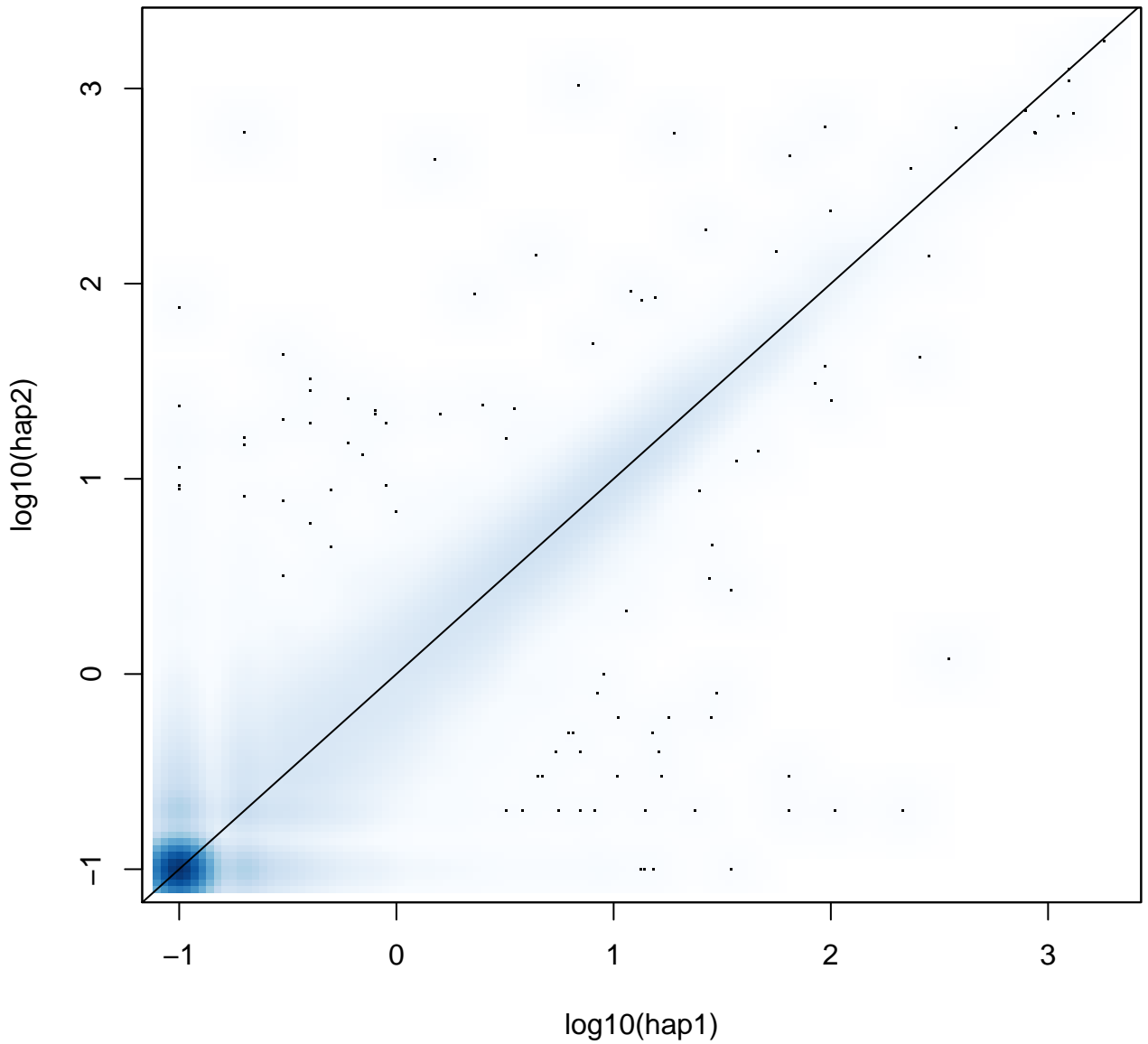


# NA19107: compare hap1 vs hap2 counts

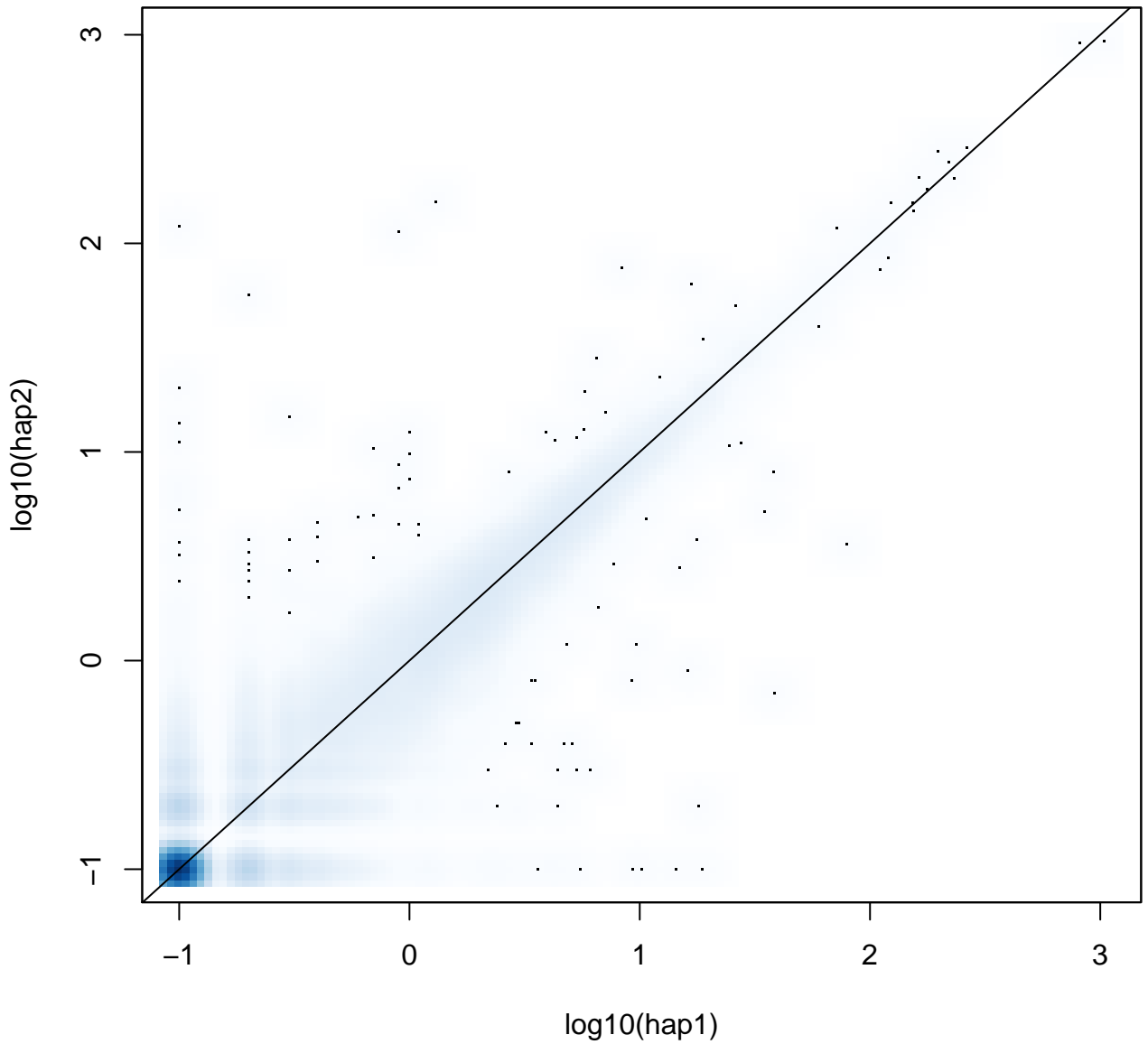




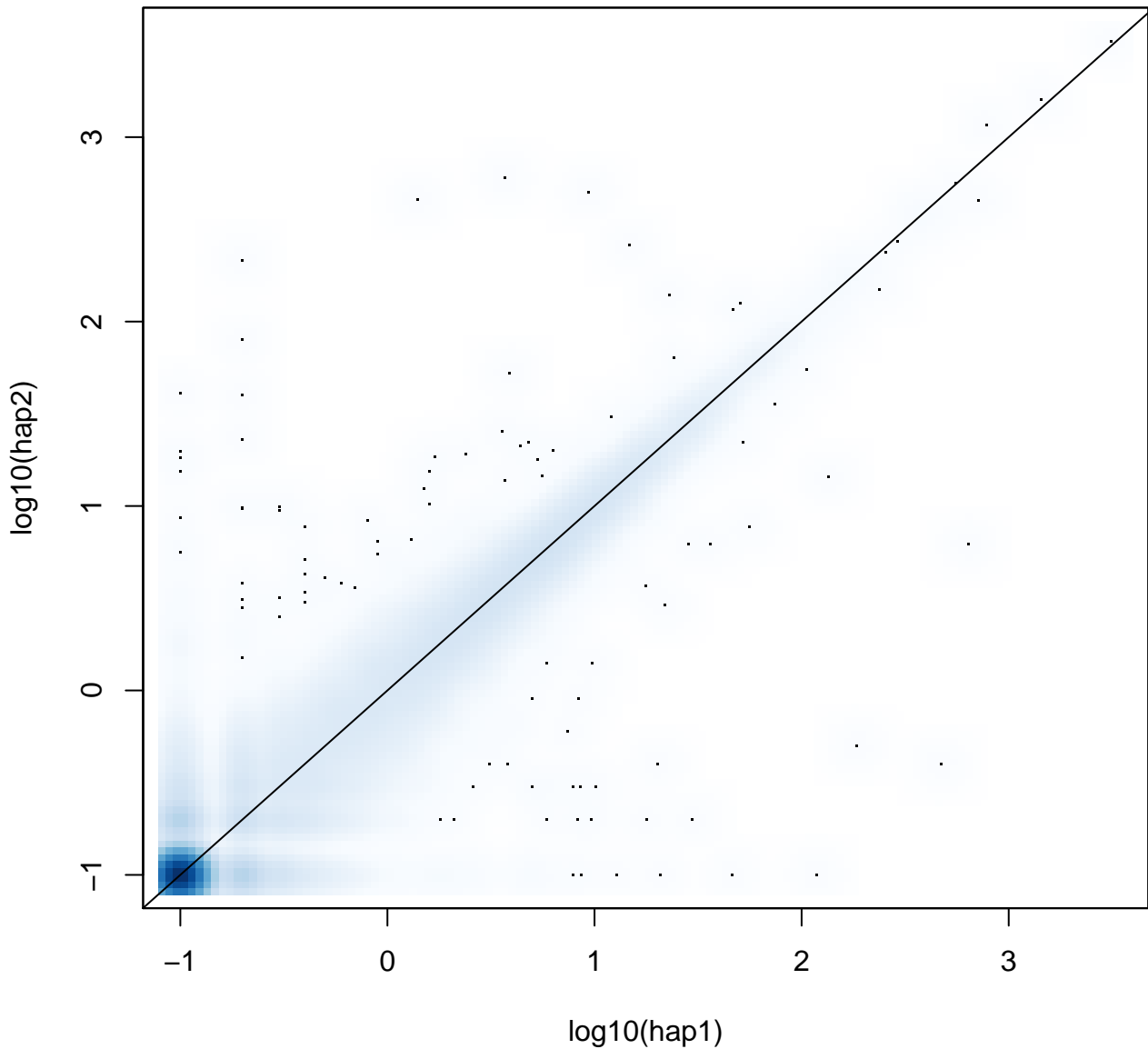
# NA19108: compare hap1 vs hap2 counts



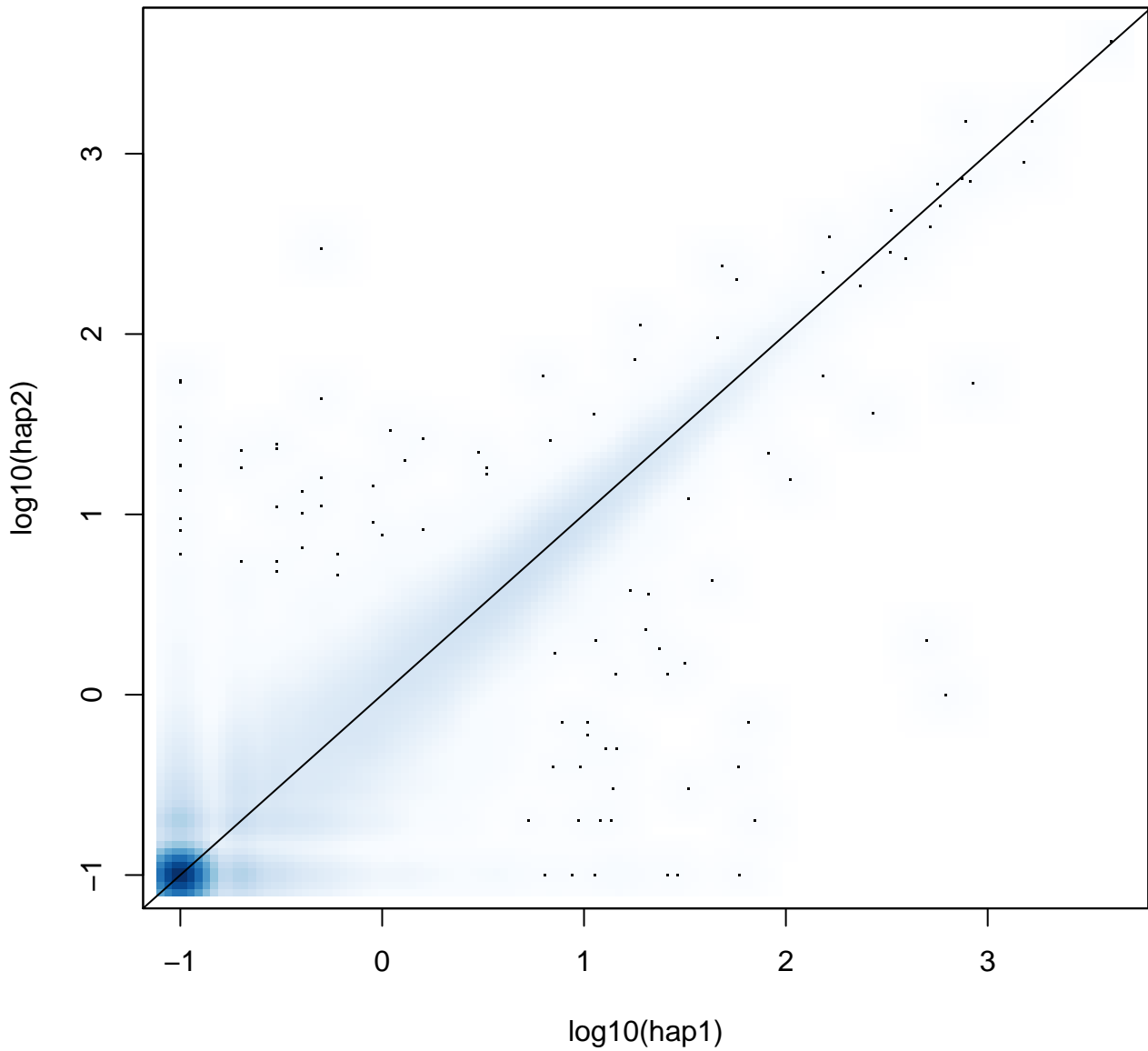
# NA19113: compare hap1 vs hap2 counts



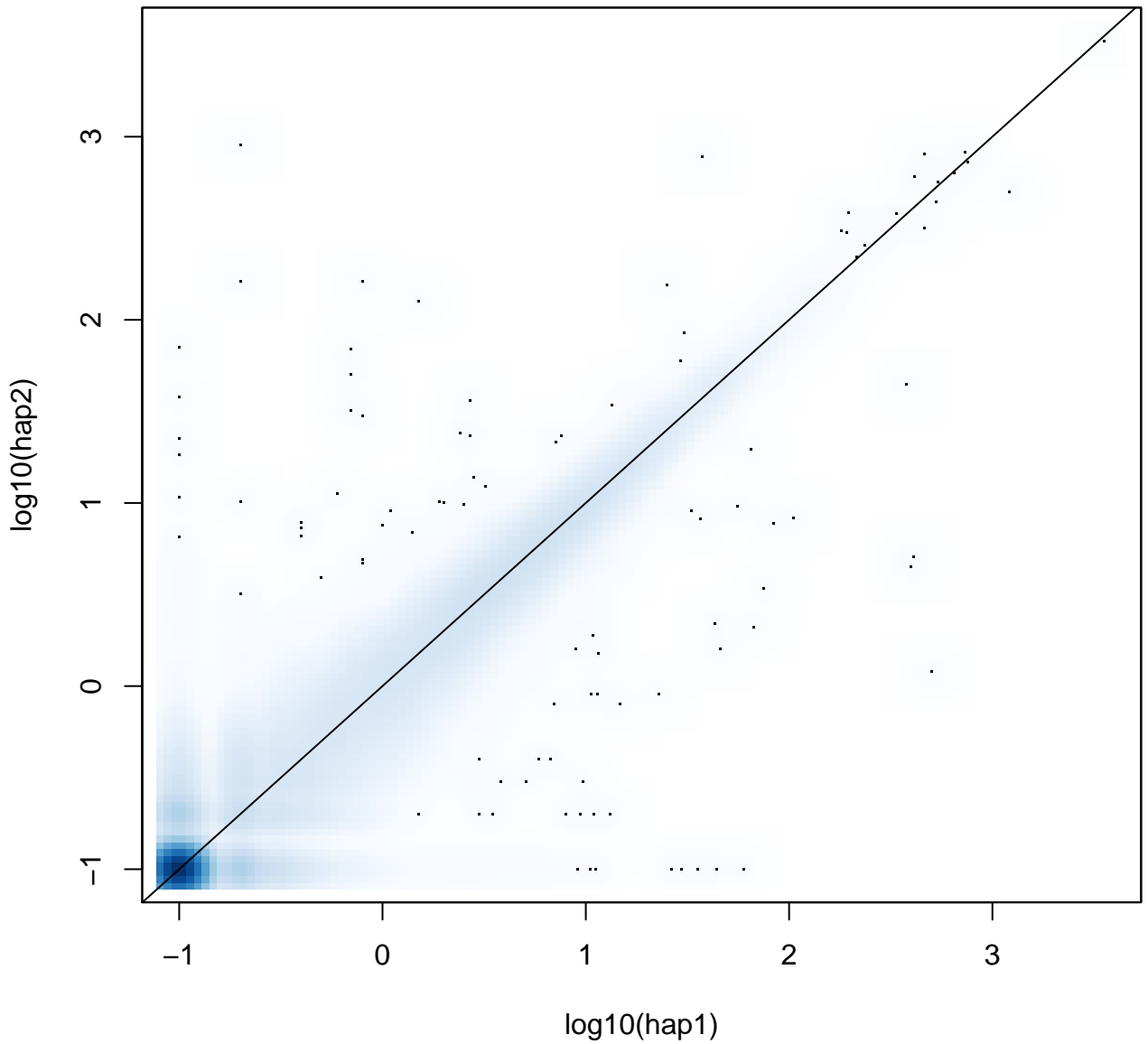
# NA19114: compare hap1 vs hap2 counts



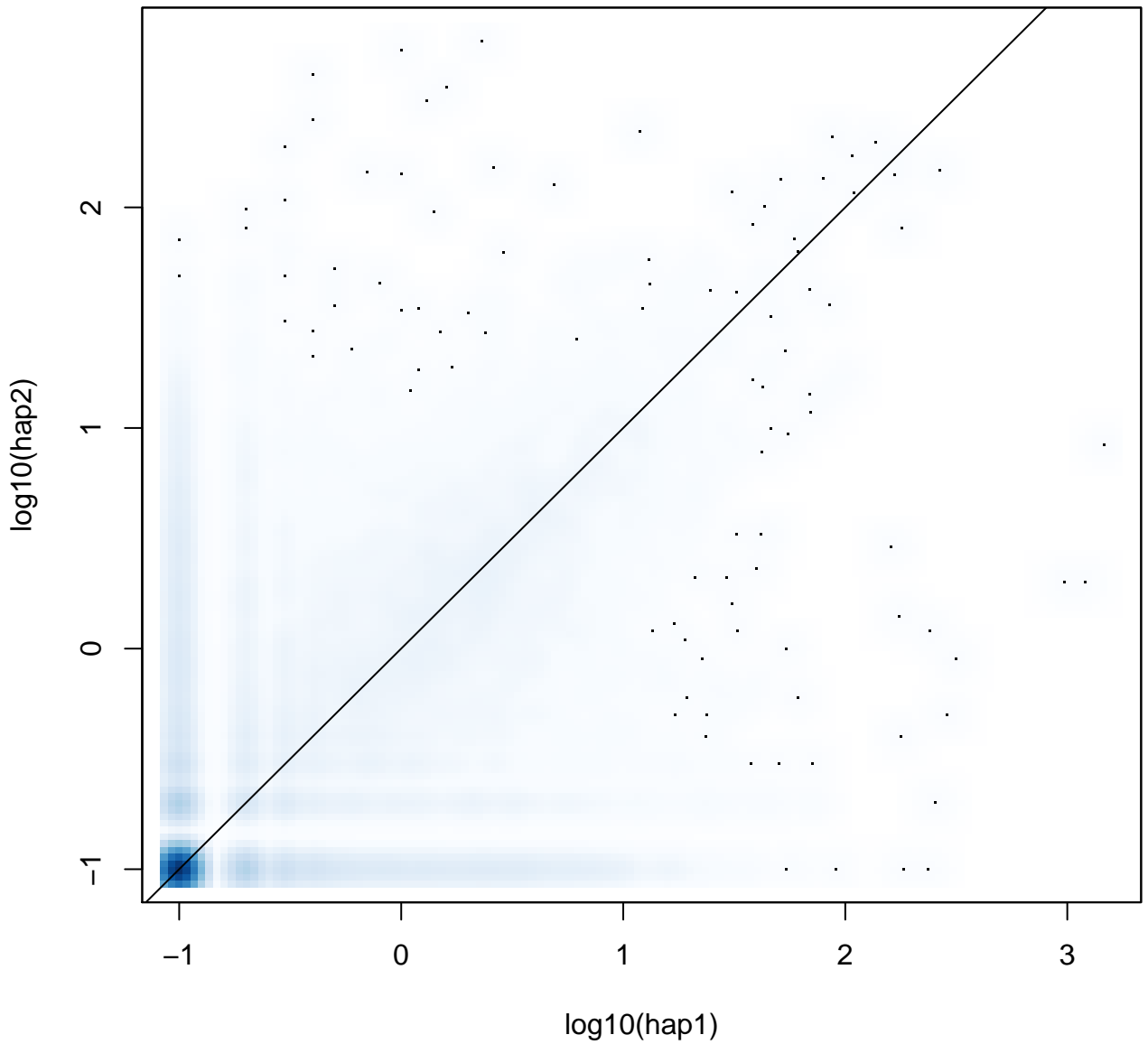
# NA19116: compare hap1 vs hap2 counts



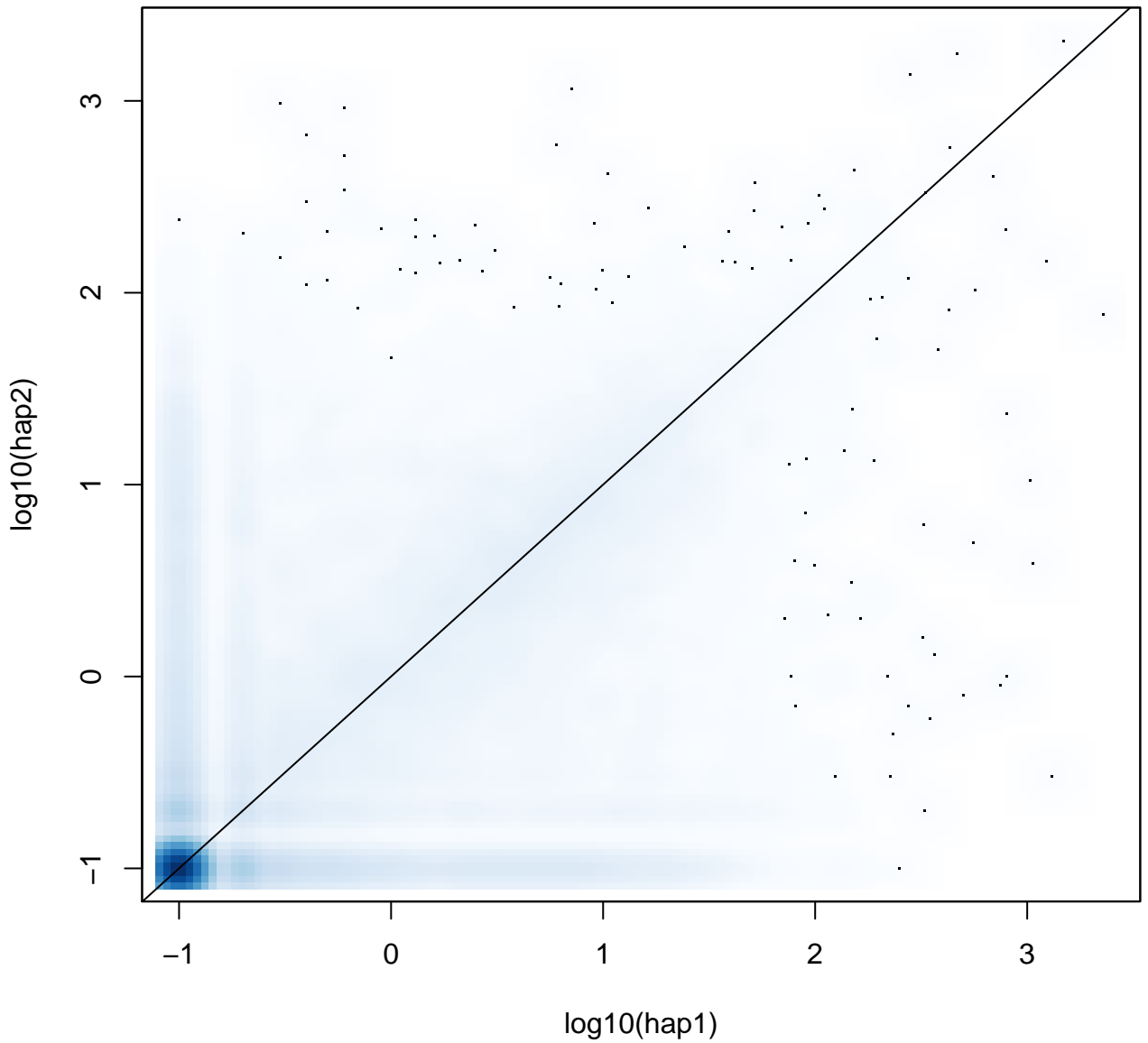
# NA19117: compare hap1 vs hap2 counts



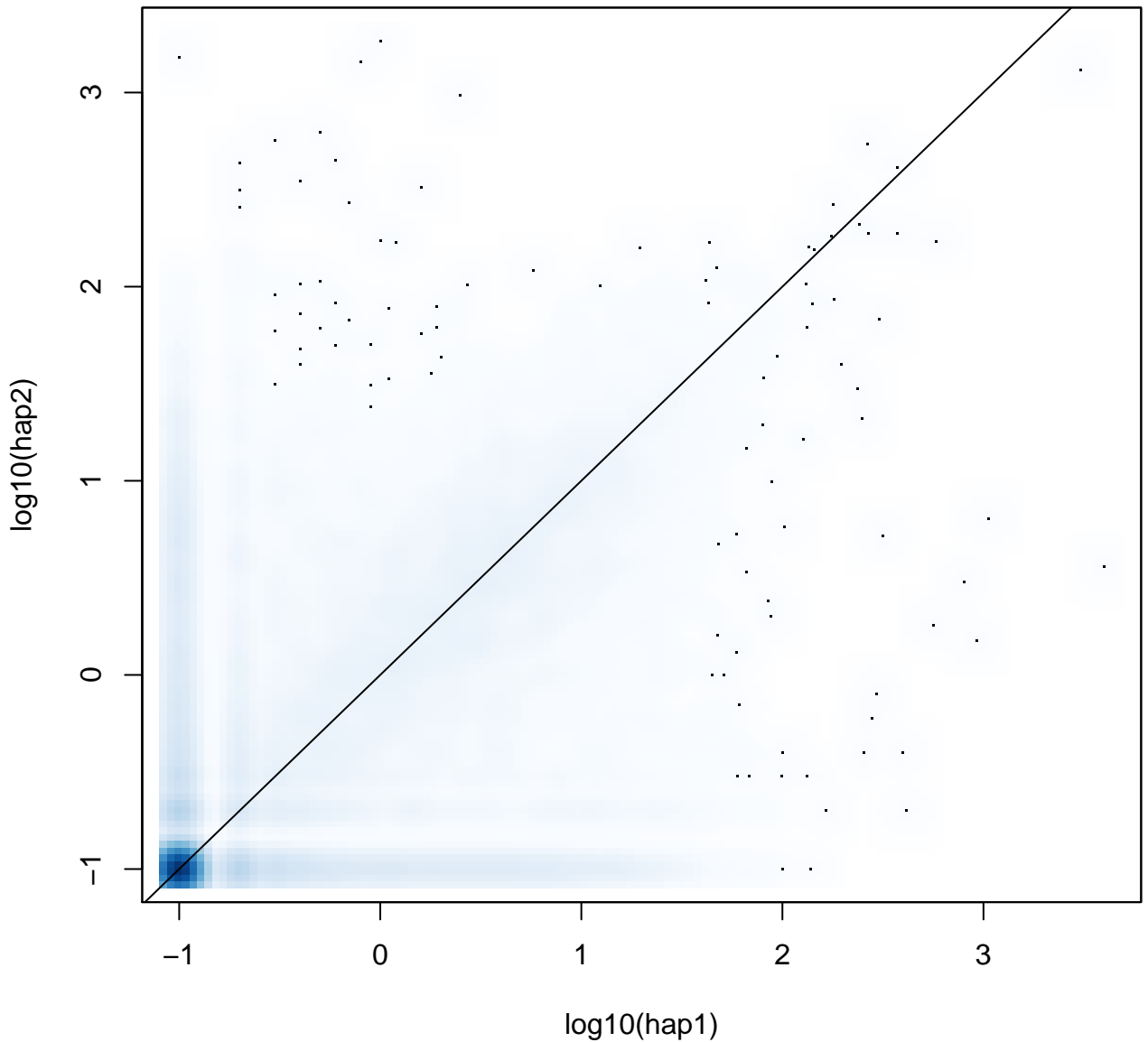
# NA19118: compare hap1 vs hap2 counts



# NA19119: compare hap1 vs hap2 counts

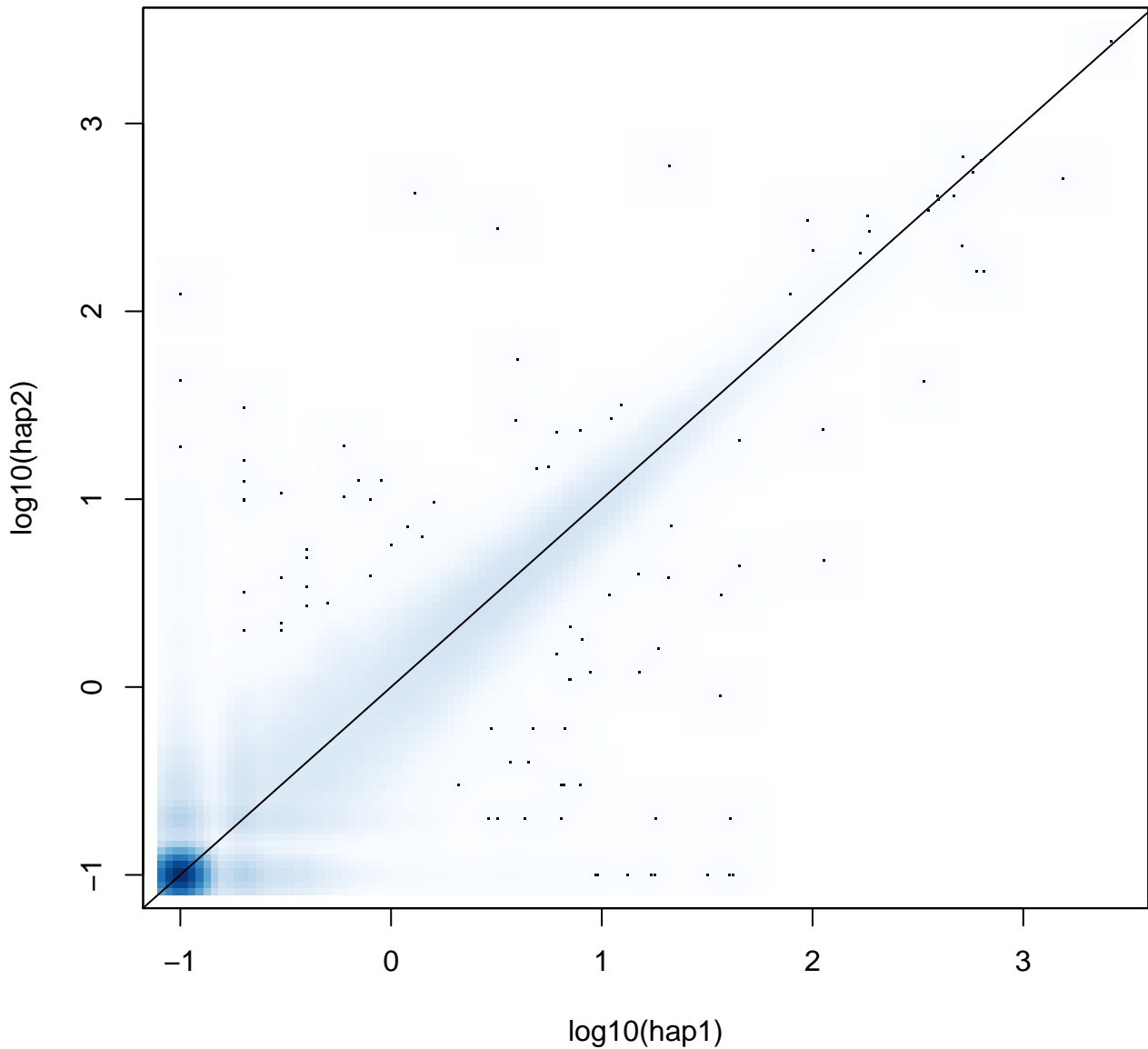


# NA19121: compare hap1 vs hap2 counts

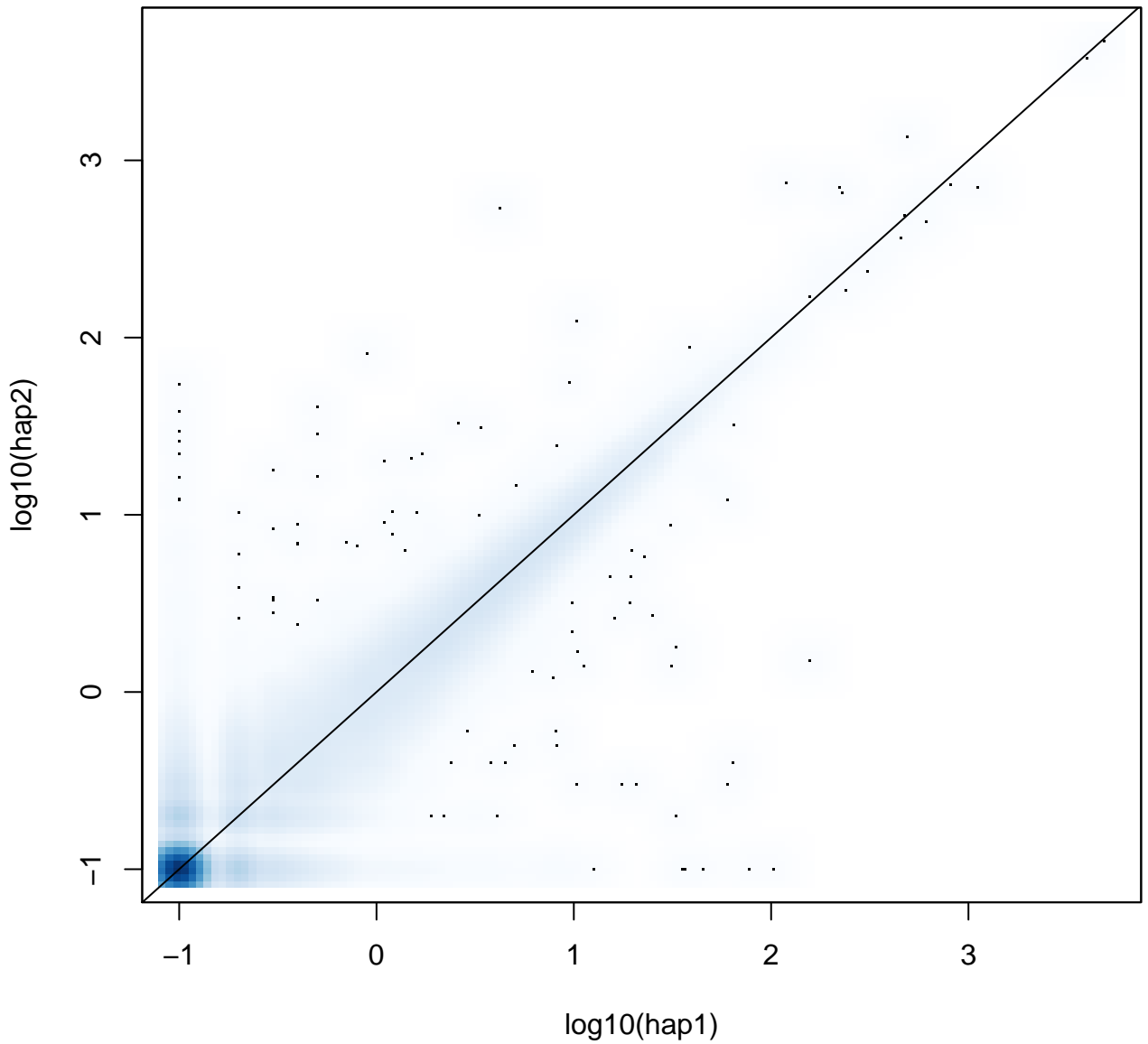




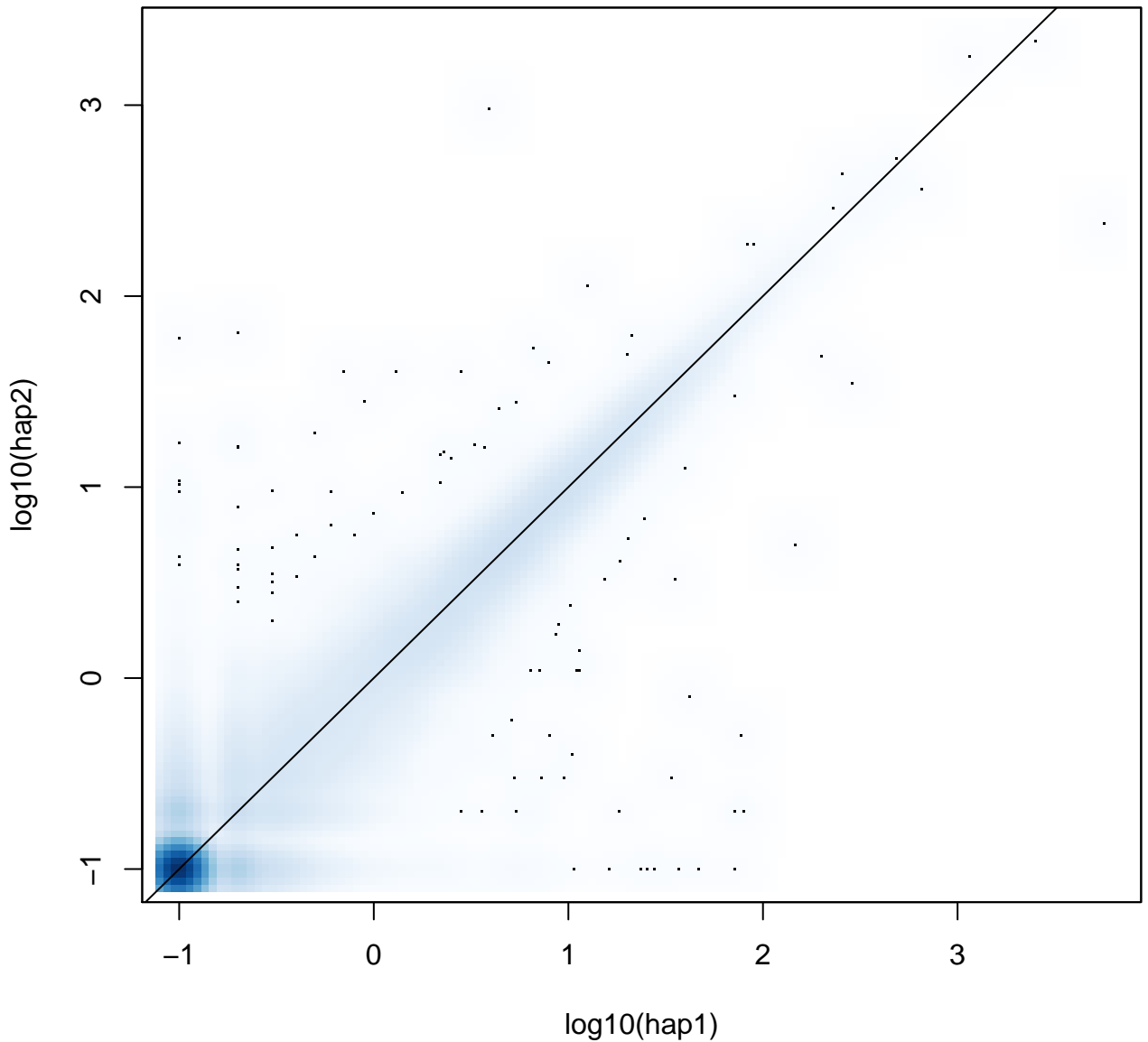
# NA19129: compare hap1 vs hap2 counts



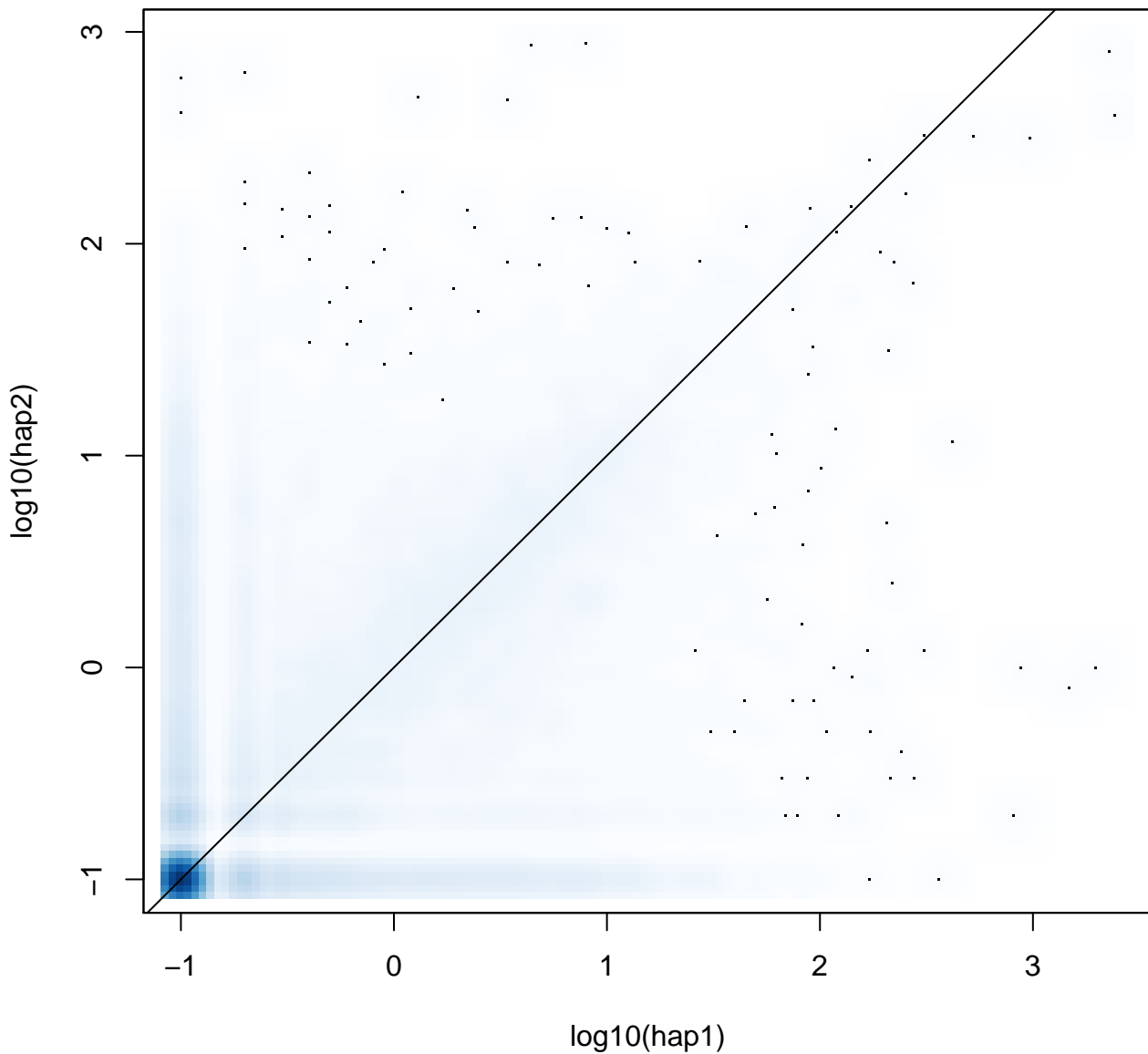
# NA19130: compare hap1 vs hap2 counts



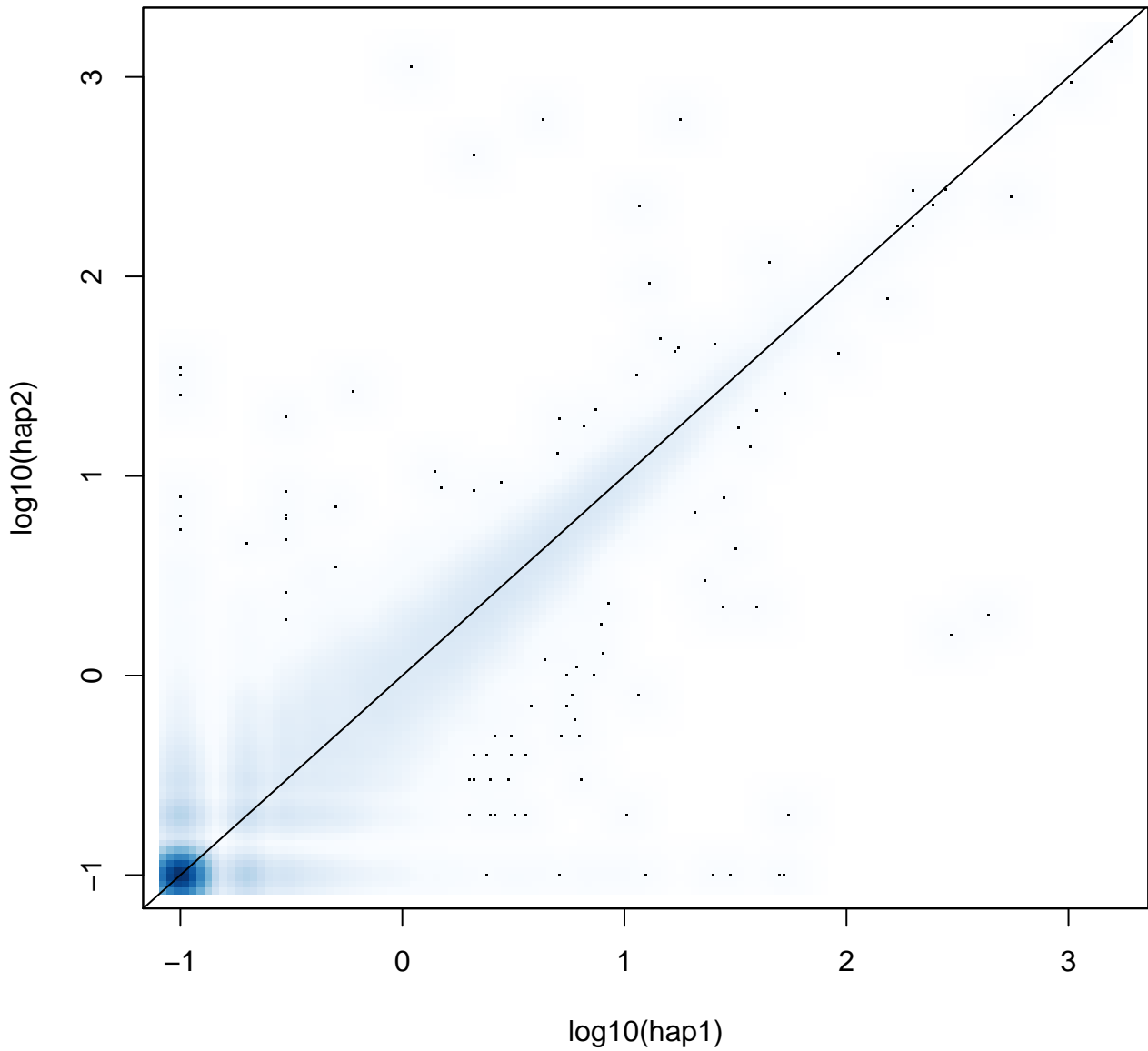
# NA19131: compare hap1 vs hap2 counts



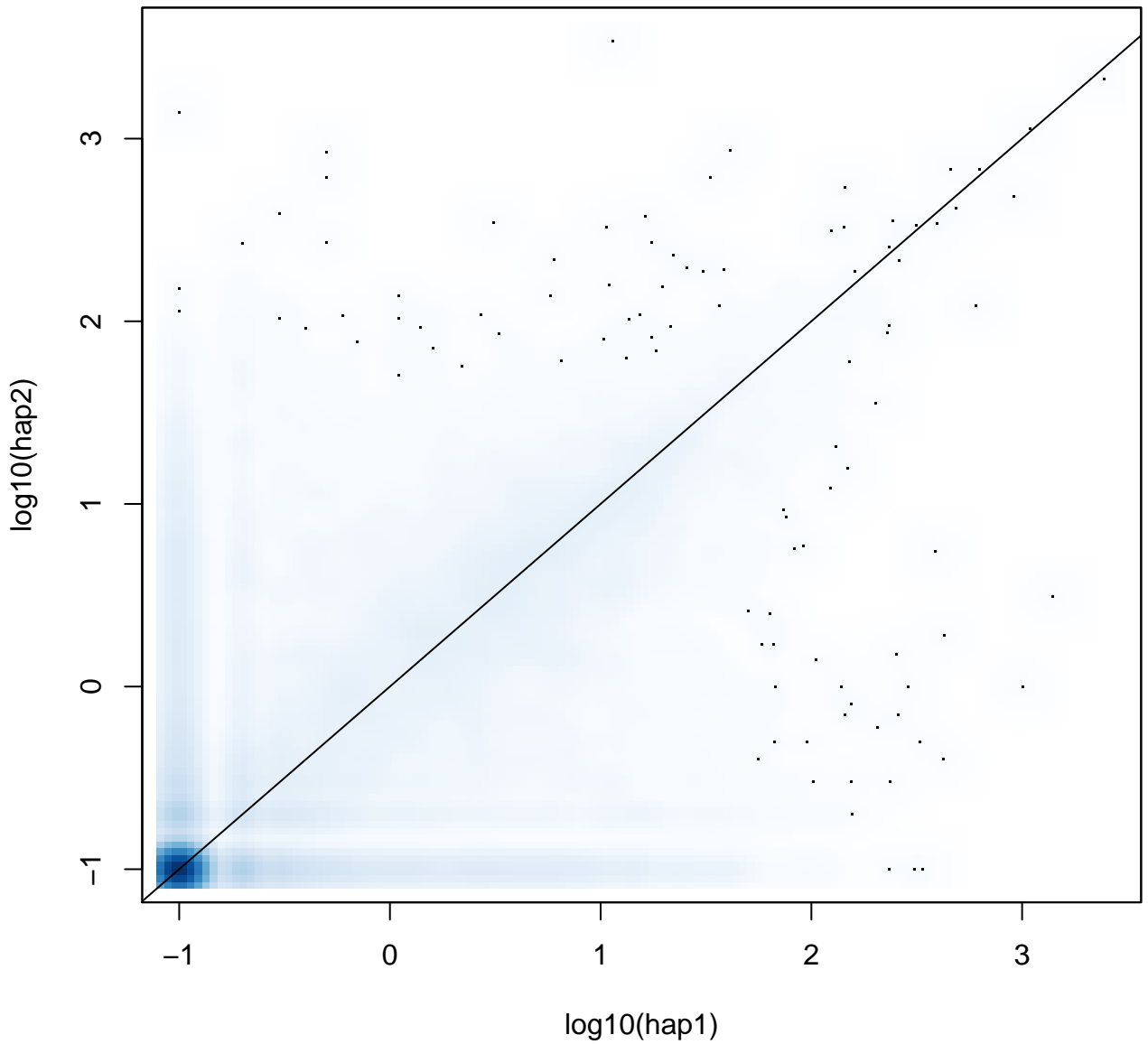
# NA19137: compare hap1 vs hap2 counts



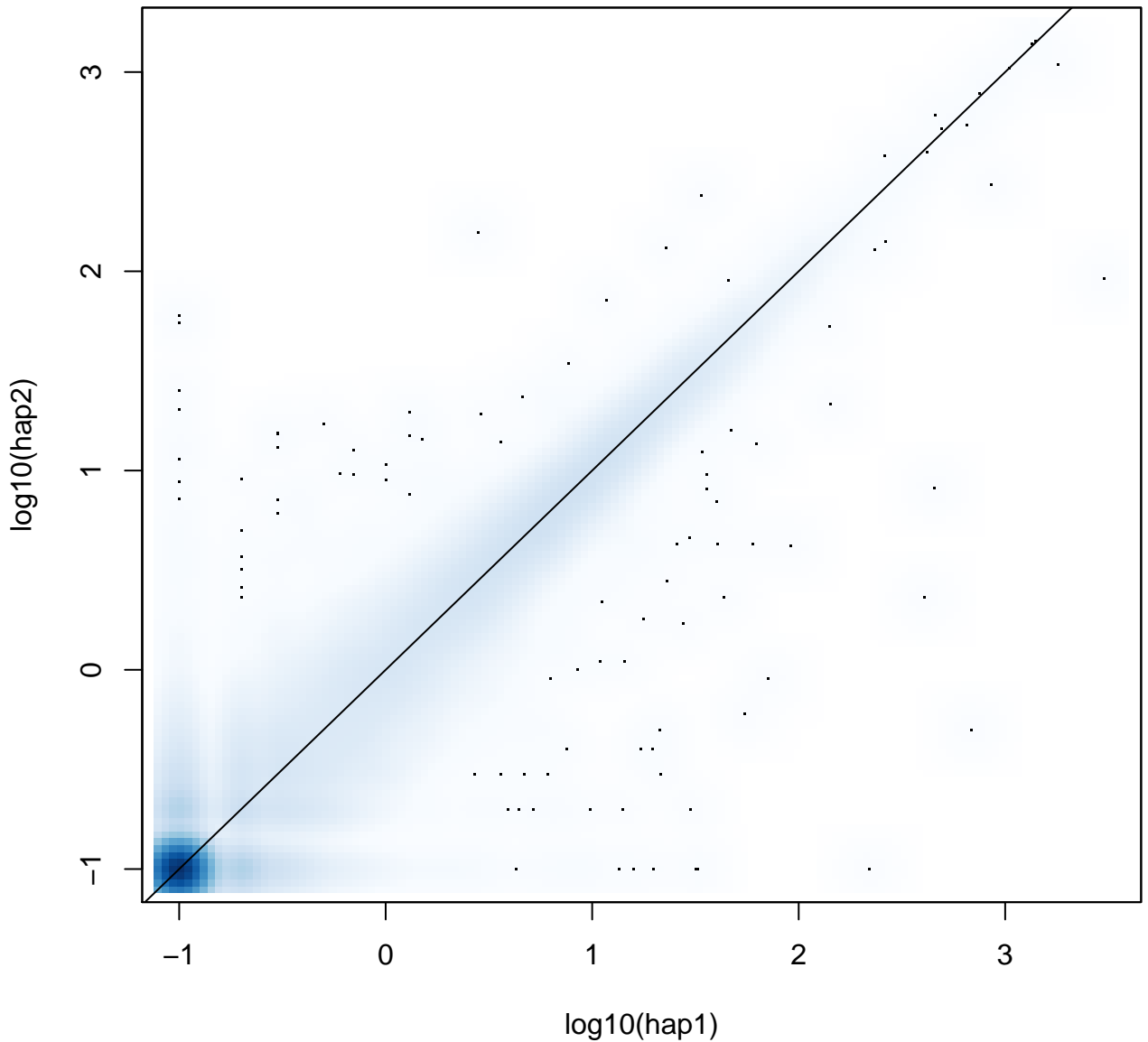
# NA19138: compare hap1 vs hap2 counts



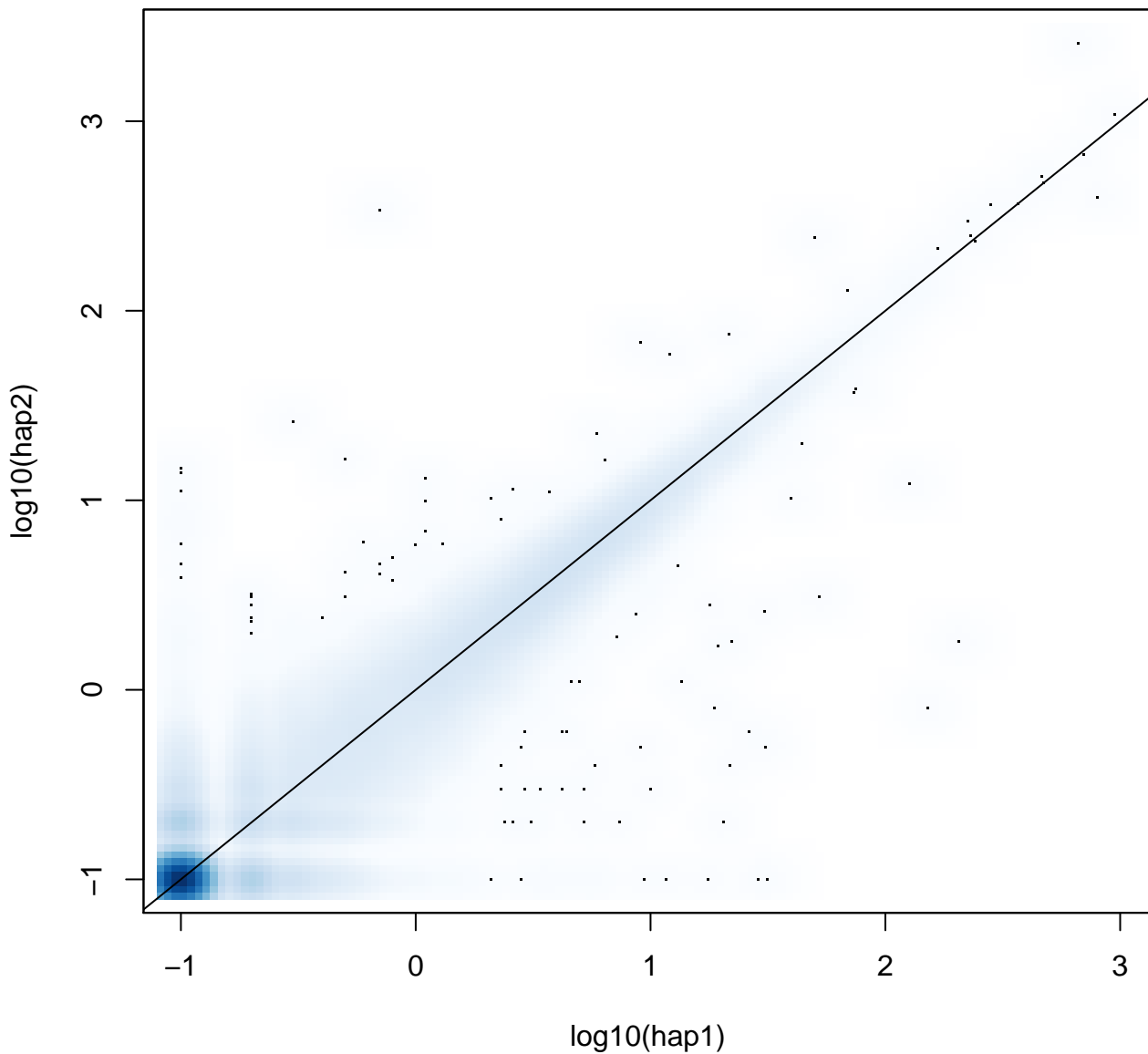
# NA19146: compare hap1 vs hap2 counts



# NA19147: compare hap1 vs hap2 counts

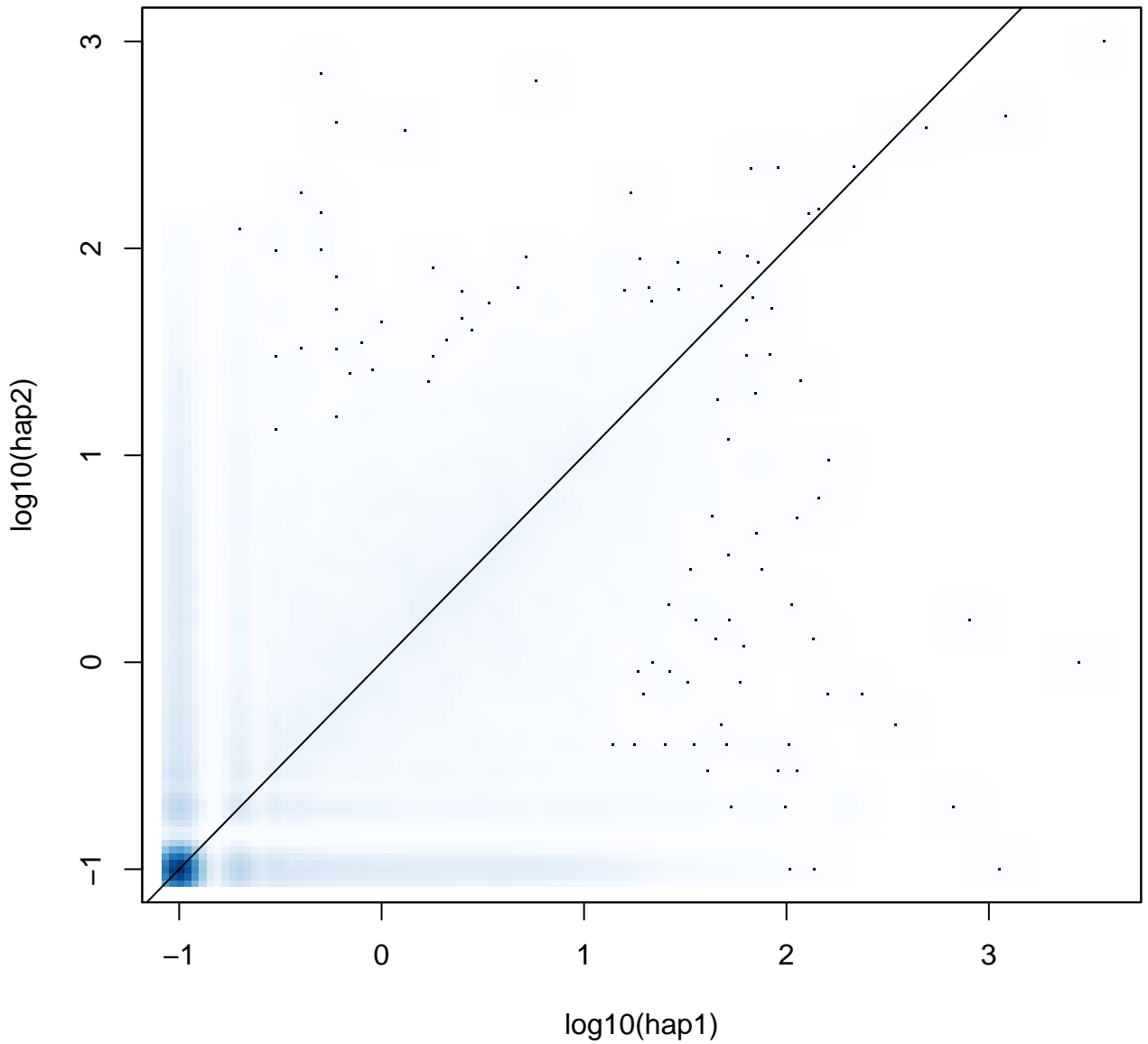


# NA19149: compare hap1 vs hap2 counts

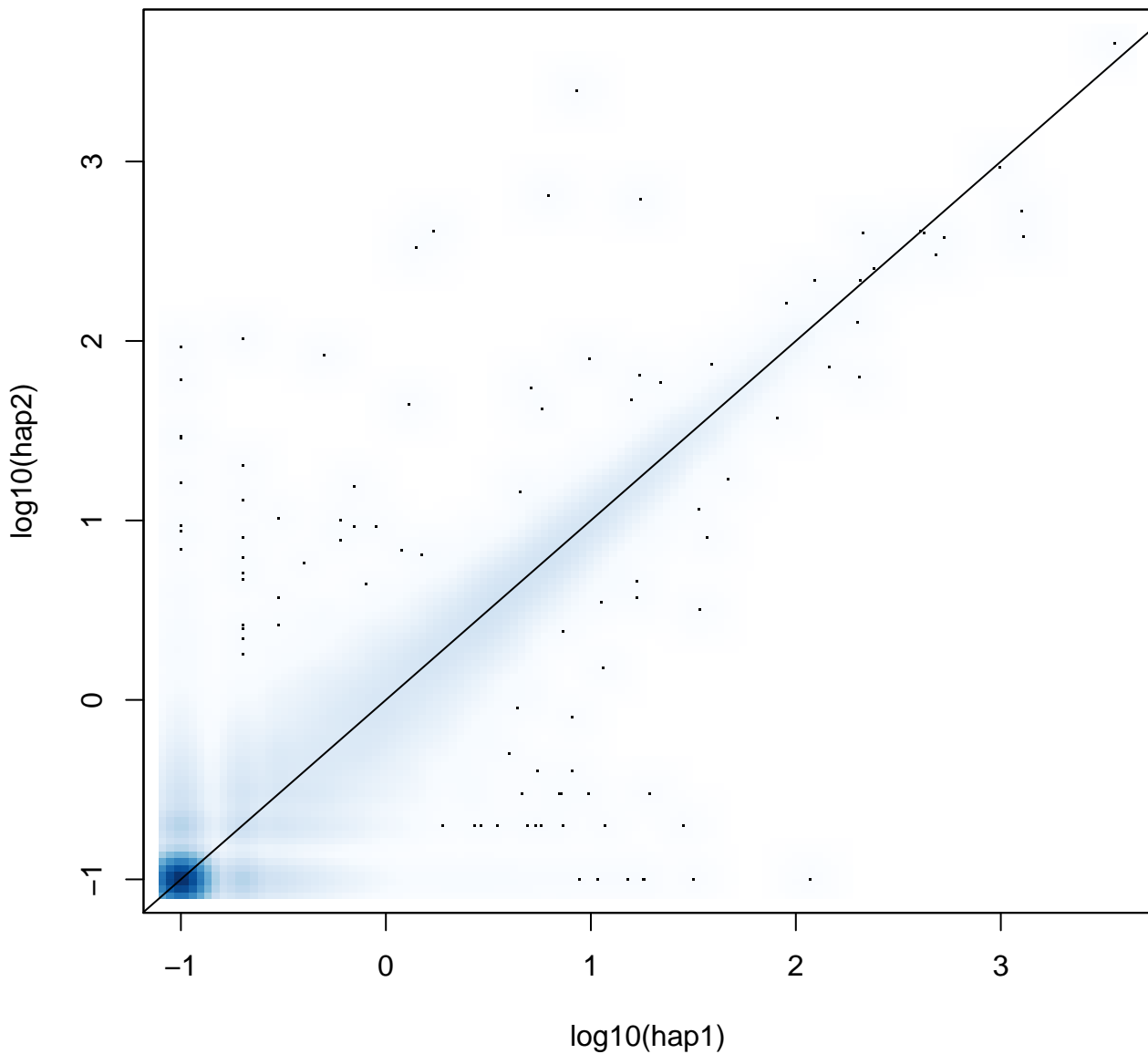




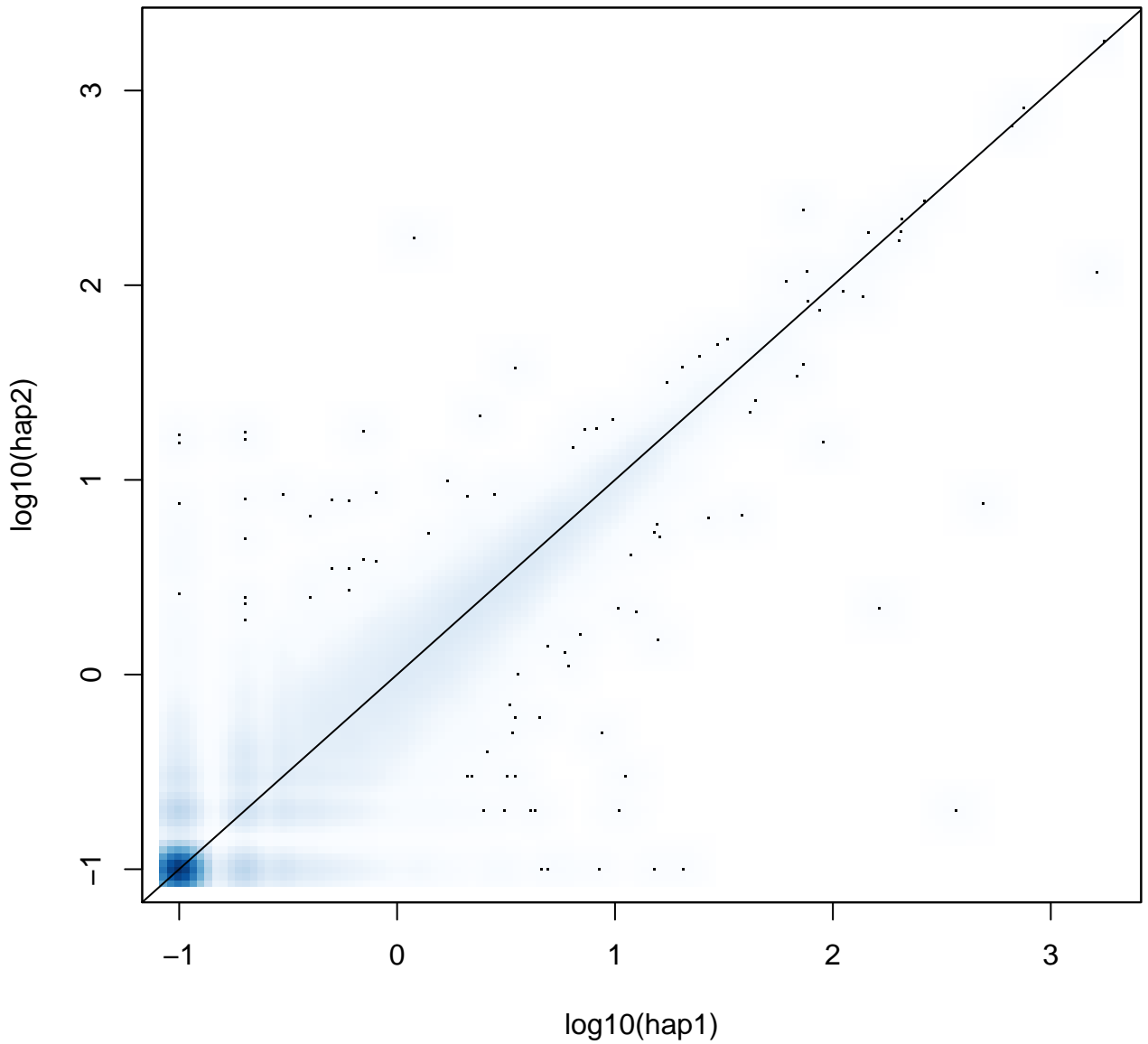
# NA19150: compare hap1 vs hap2 counts



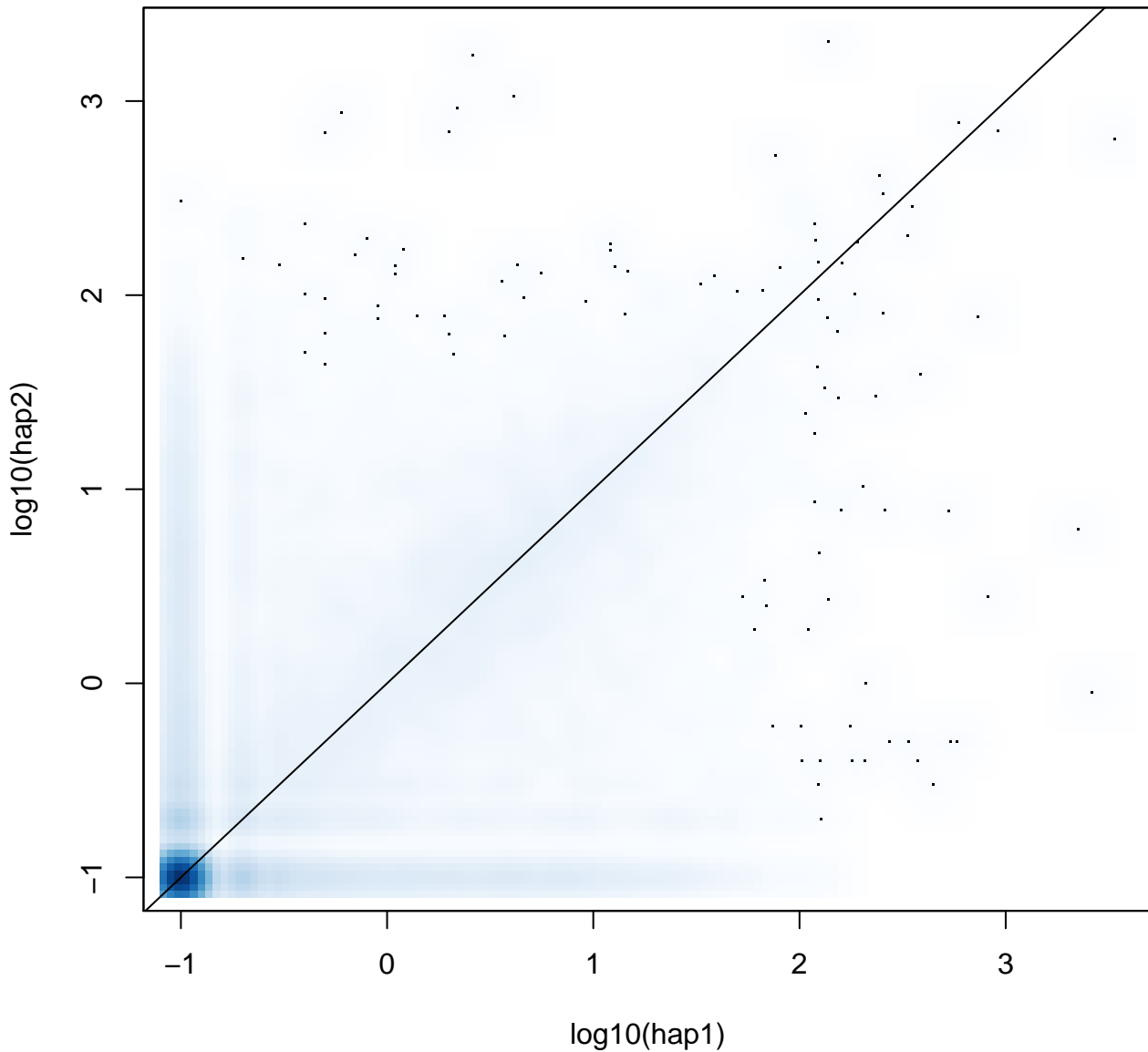
# NA19152: compare hap1 vs hap2 counts



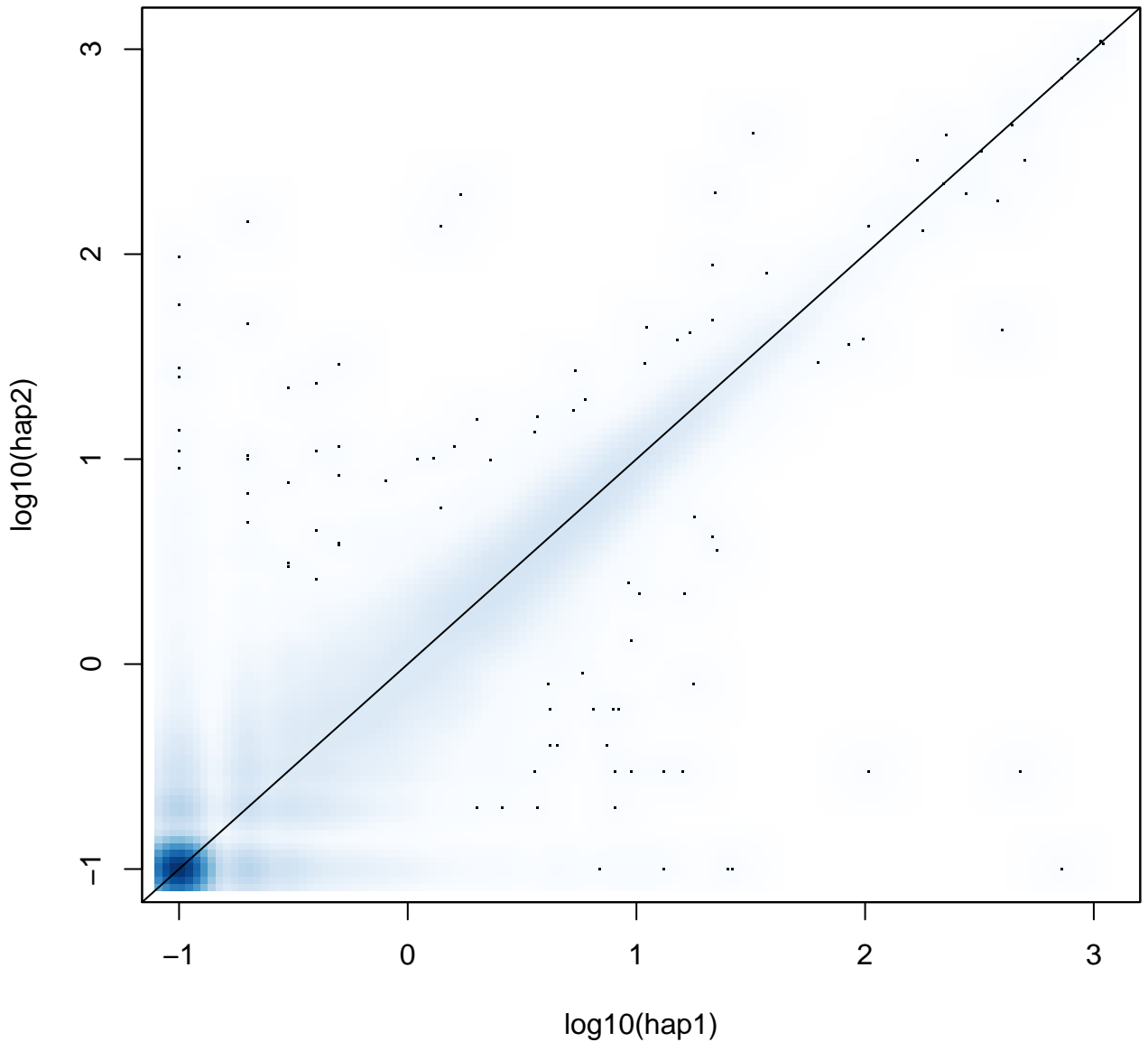
# NA19160: compare hap1 vs hap2 counts



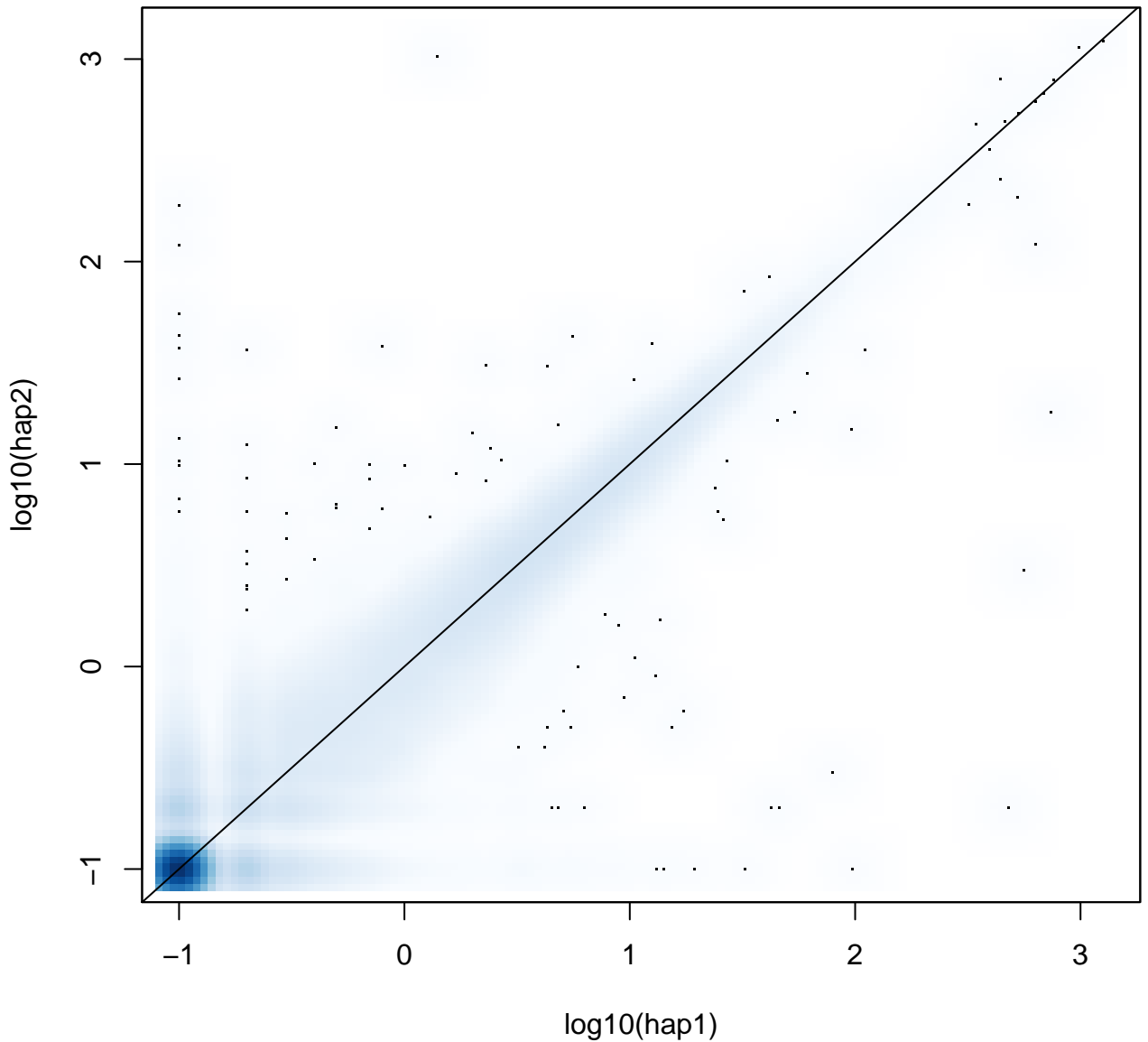
# NA19171: compare hap1 vs hap2 counts



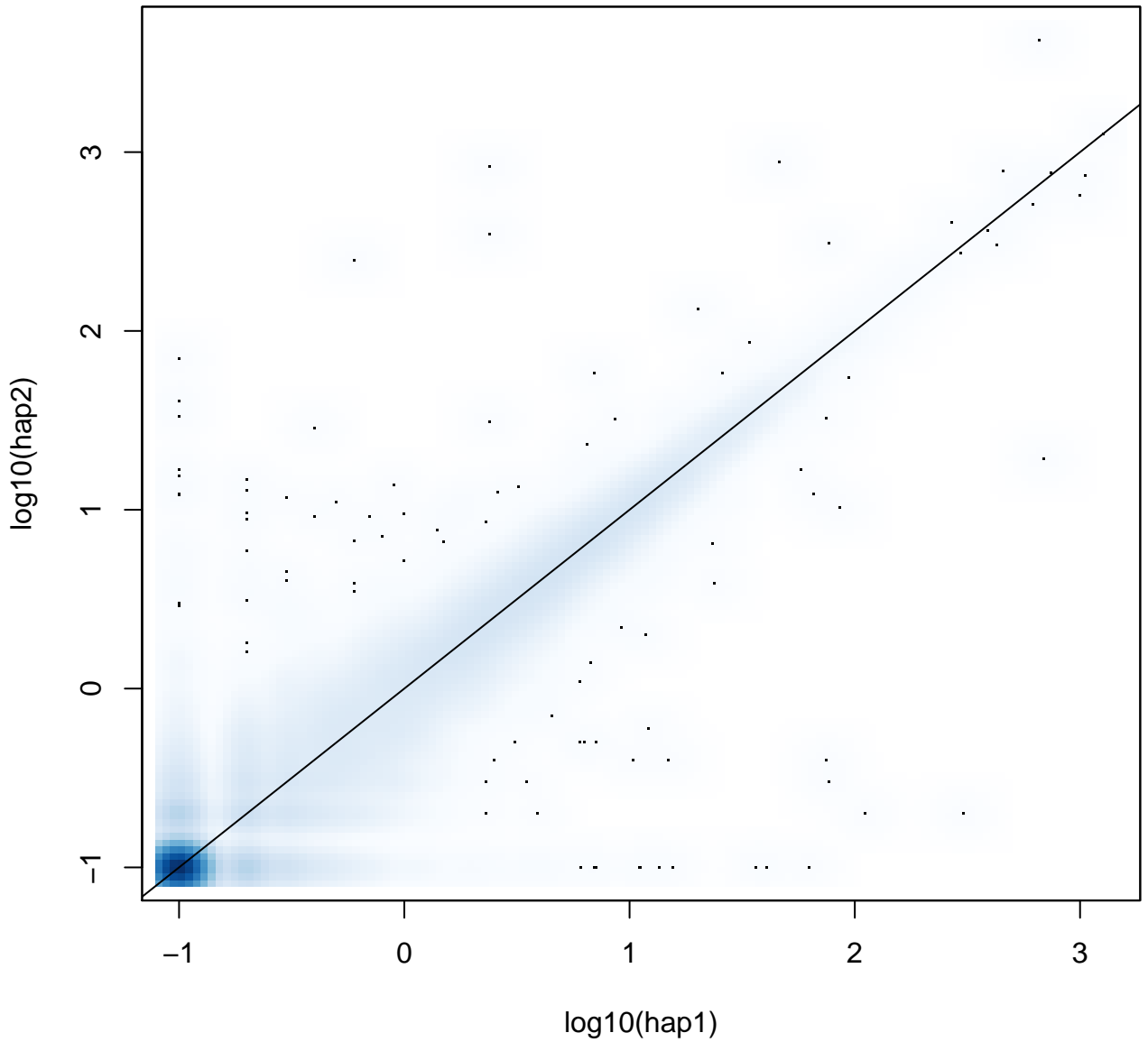
# NA19172: compare hap1 vs hap2 counts



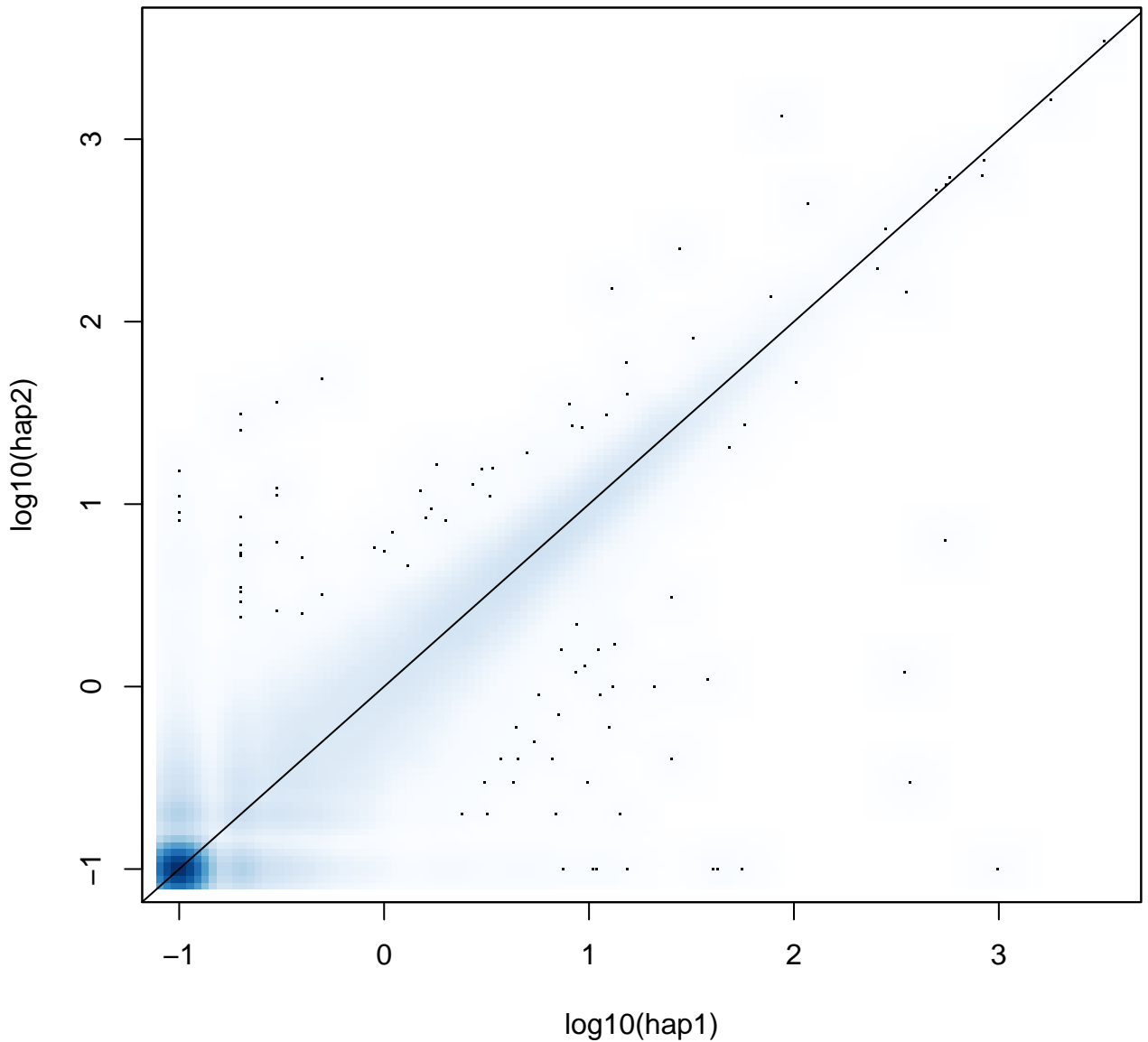
# NA19175: compare hap1 vs hap2 counts



# NA19185: compare hap1 vs hap2 counts

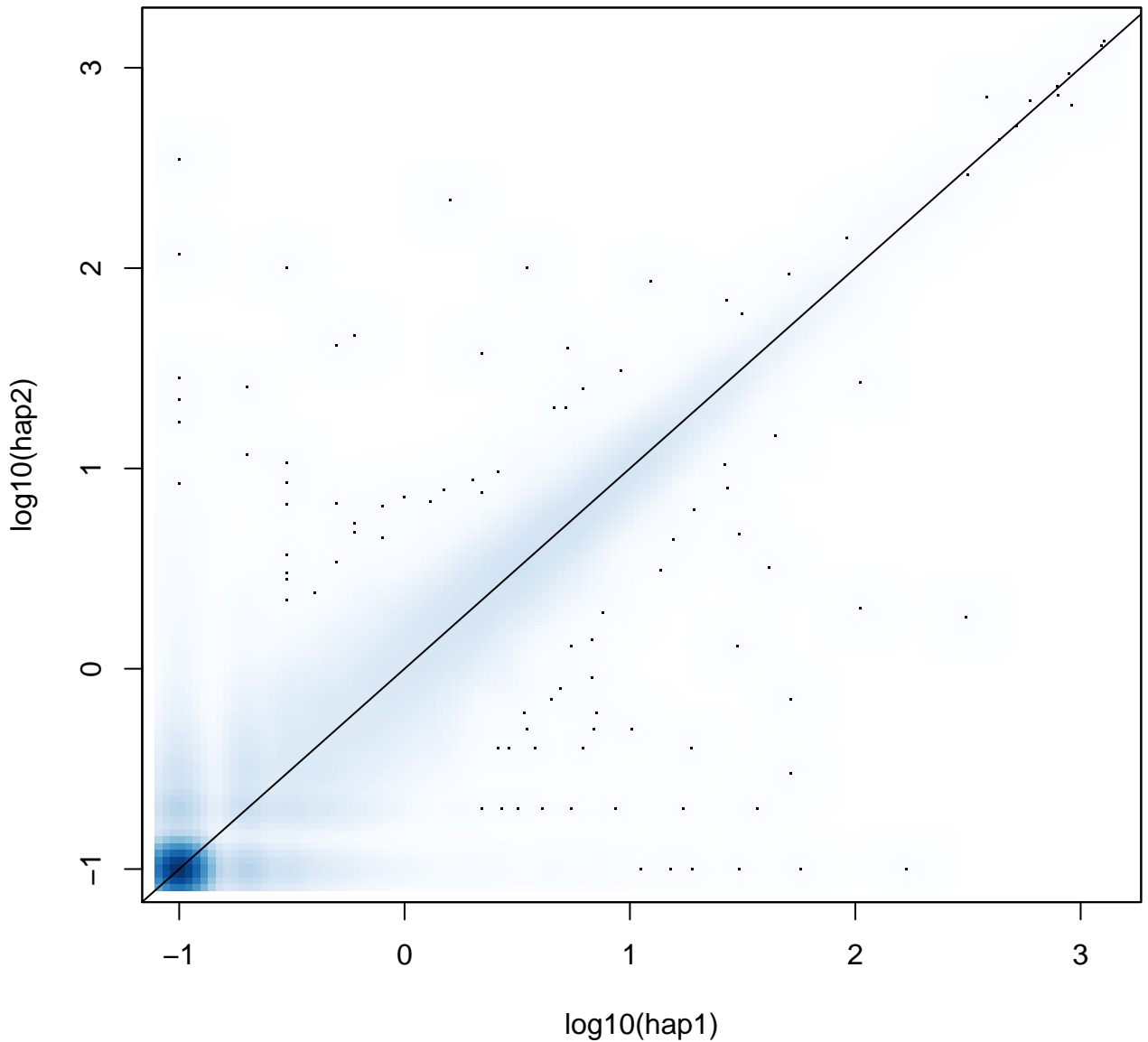


# NA19189: compare hap1 vs hap2 counts

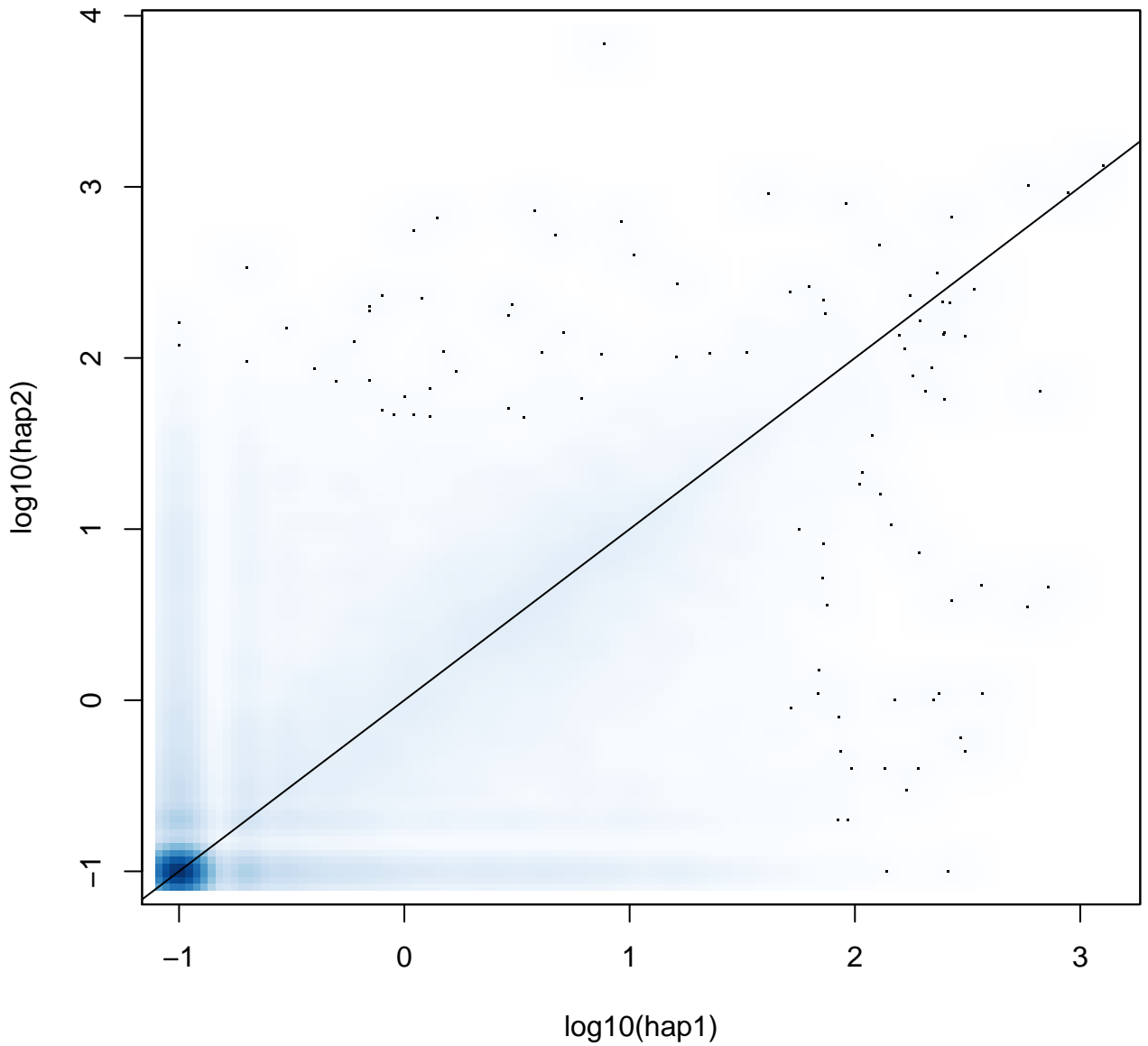




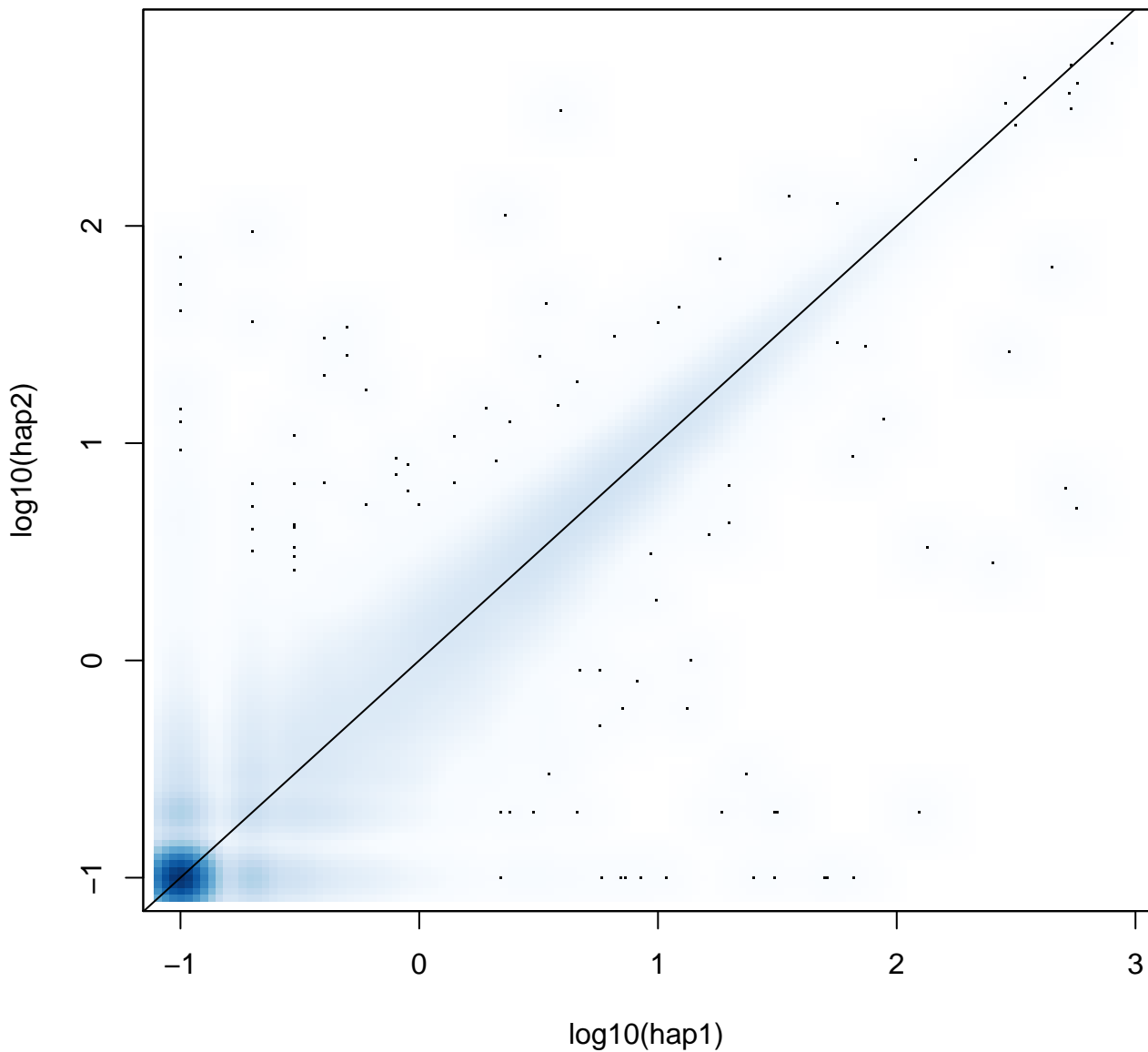
# NA19190: compare hap1 vs hap2 counts



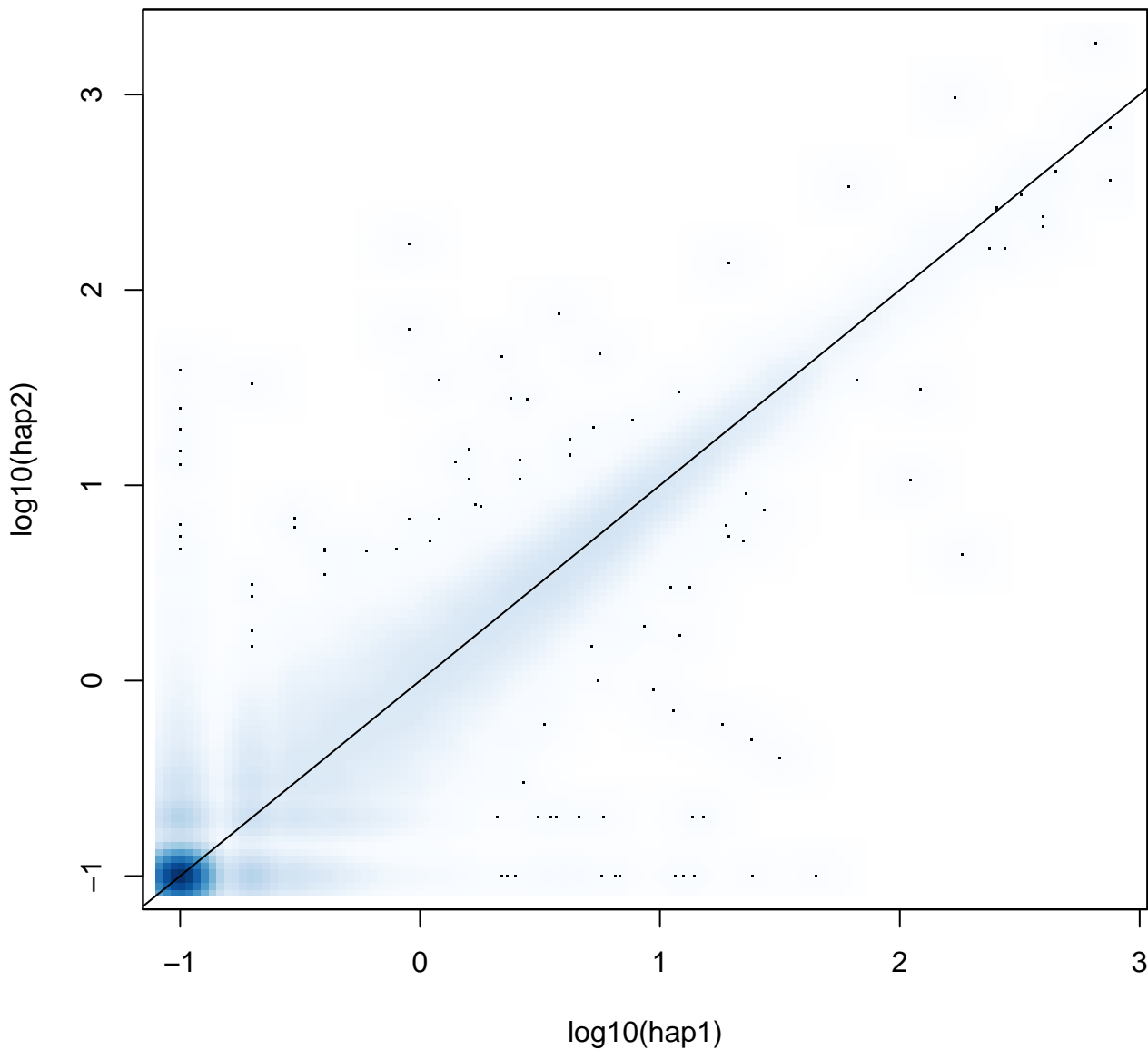
# NA19197: compare hap1 vs hap2 counts



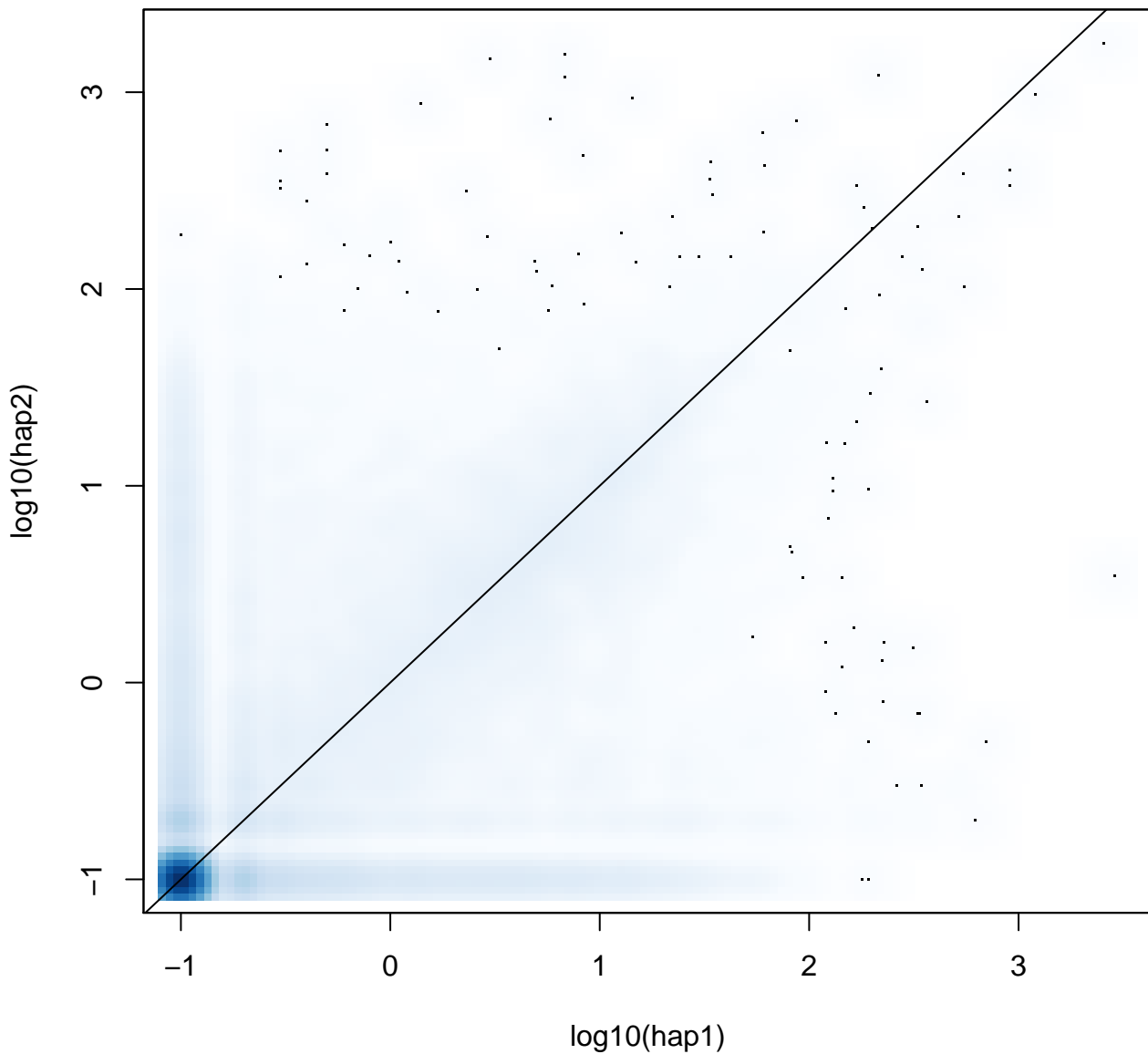
# NA19198: compare hap1 vs hap2 counts



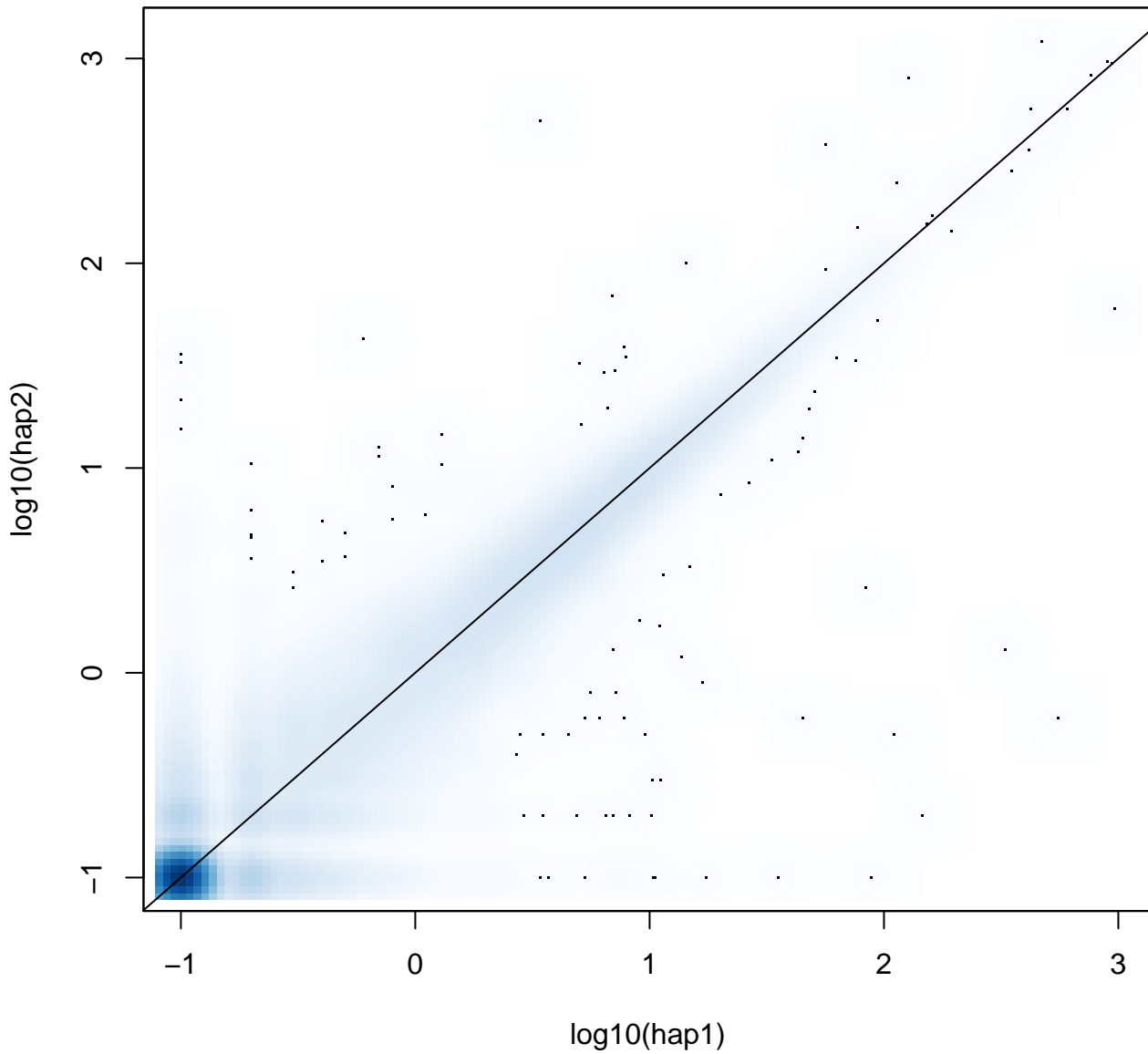
# NA19200: compare hap1 vs hap2 counts



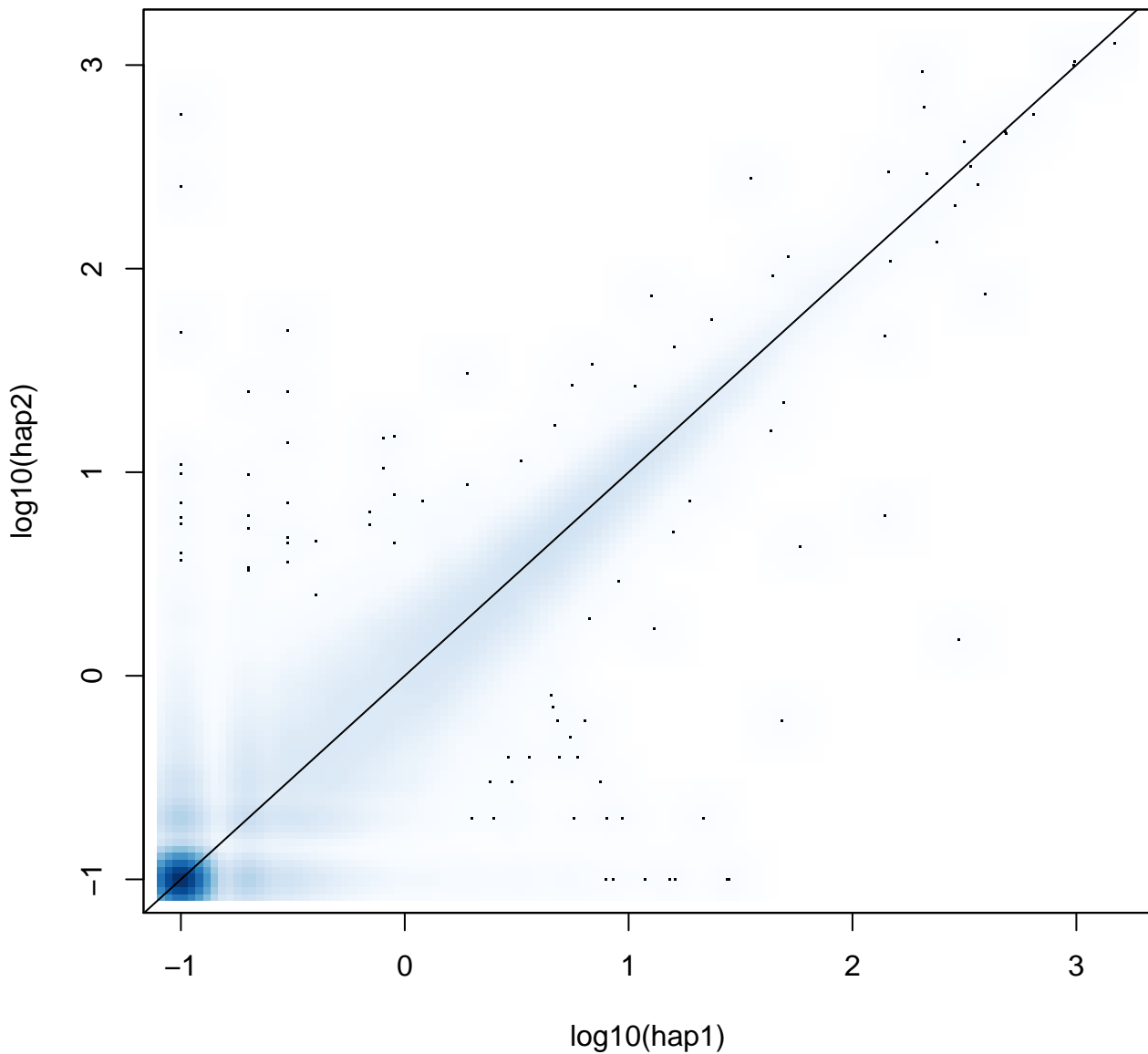
# NA19204: compare hap1 vs hap2 counts



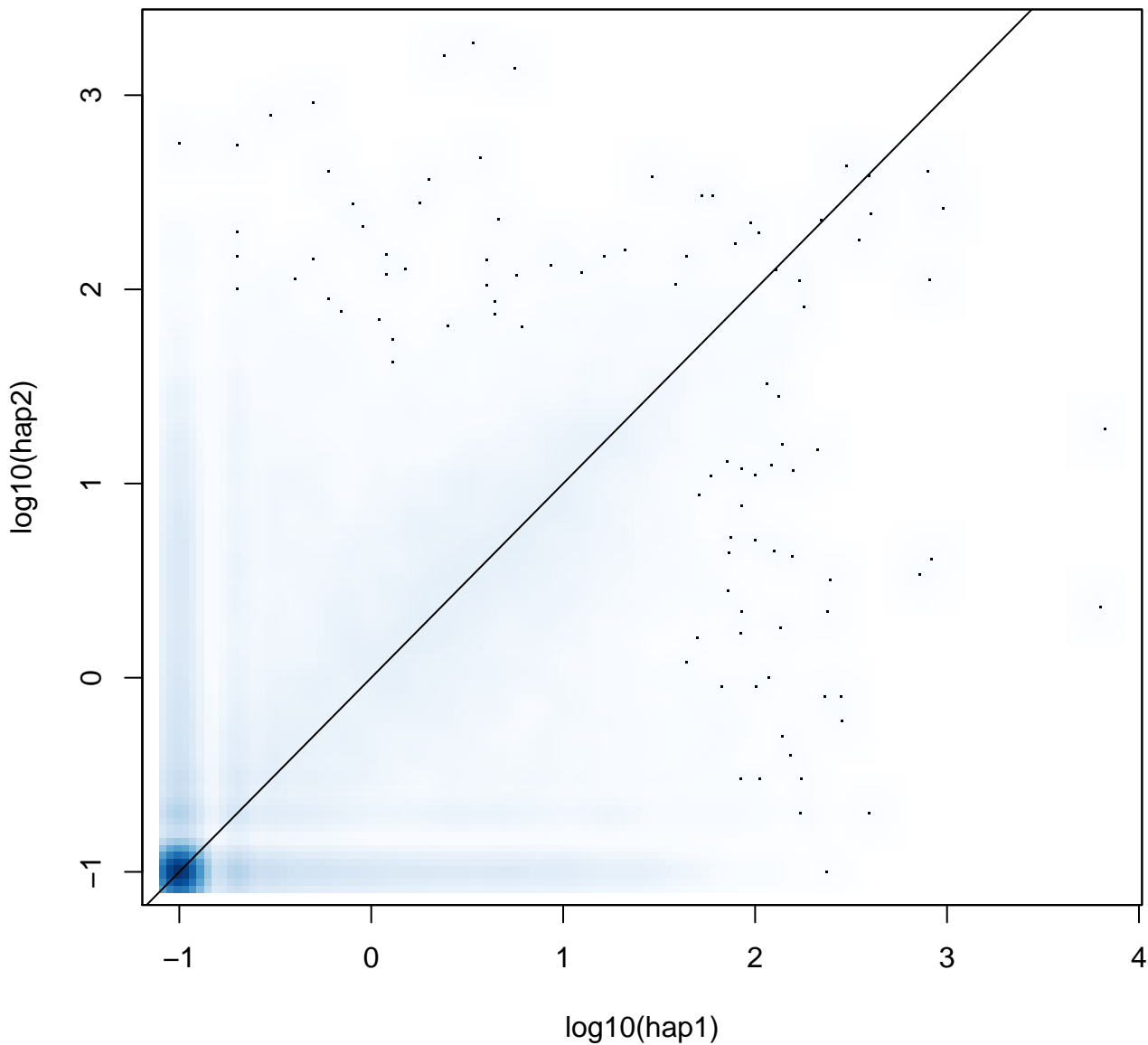
# NA19207: compare hap1 vs hap2 counts



# NA19209: compare hap1 vs hap2 counts

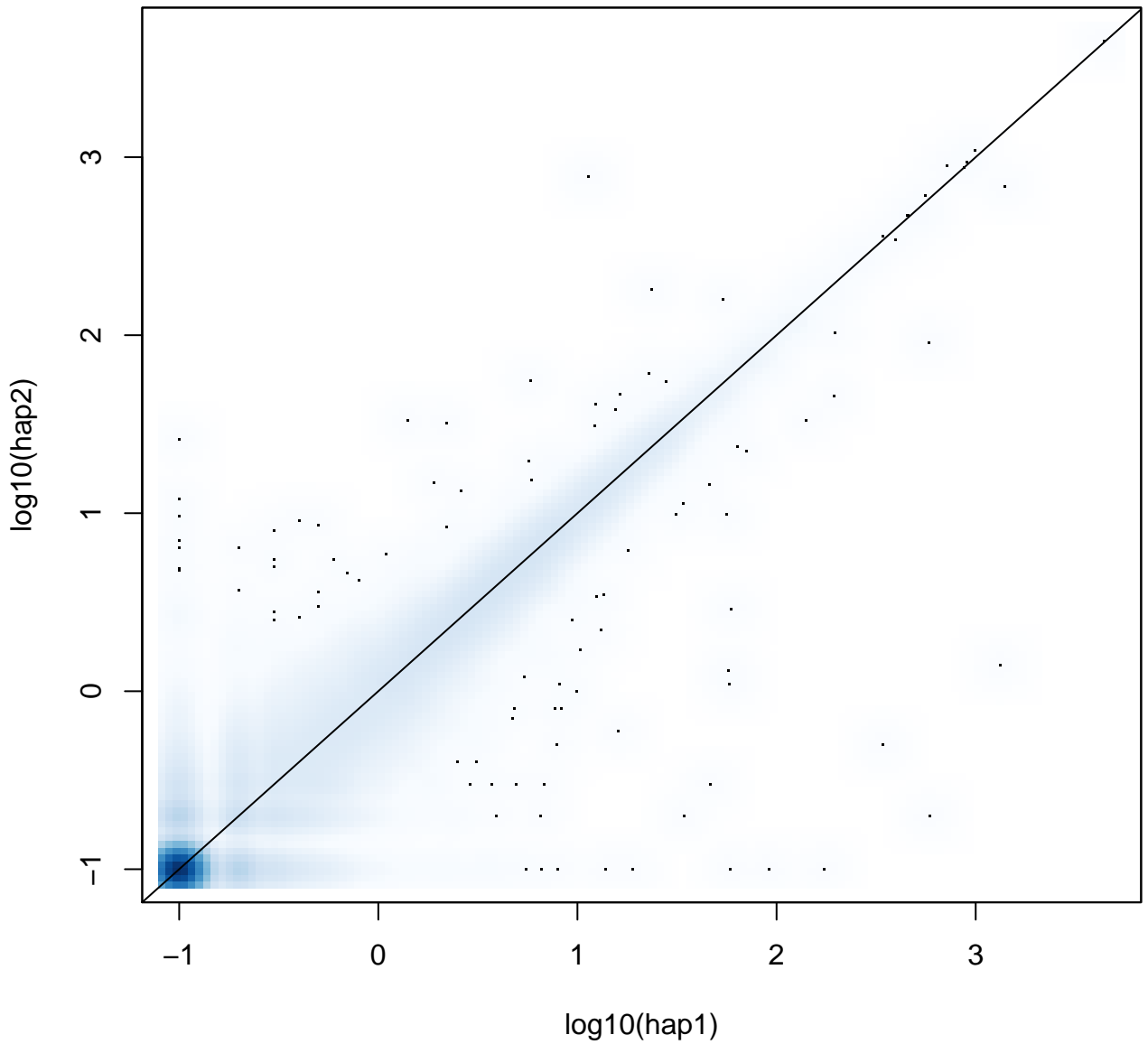


# NA19213: compare hap1 vs hap2 counts

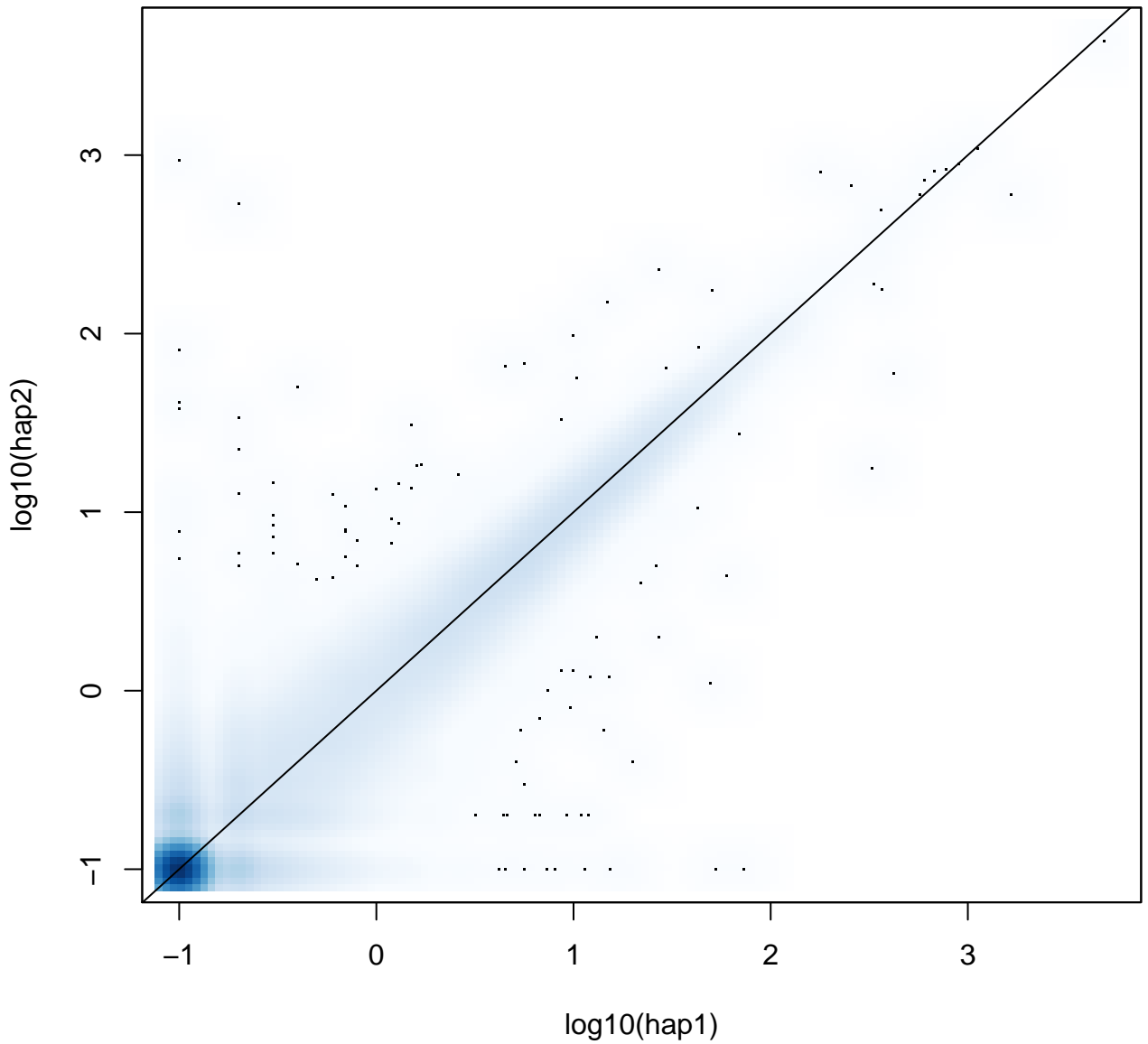




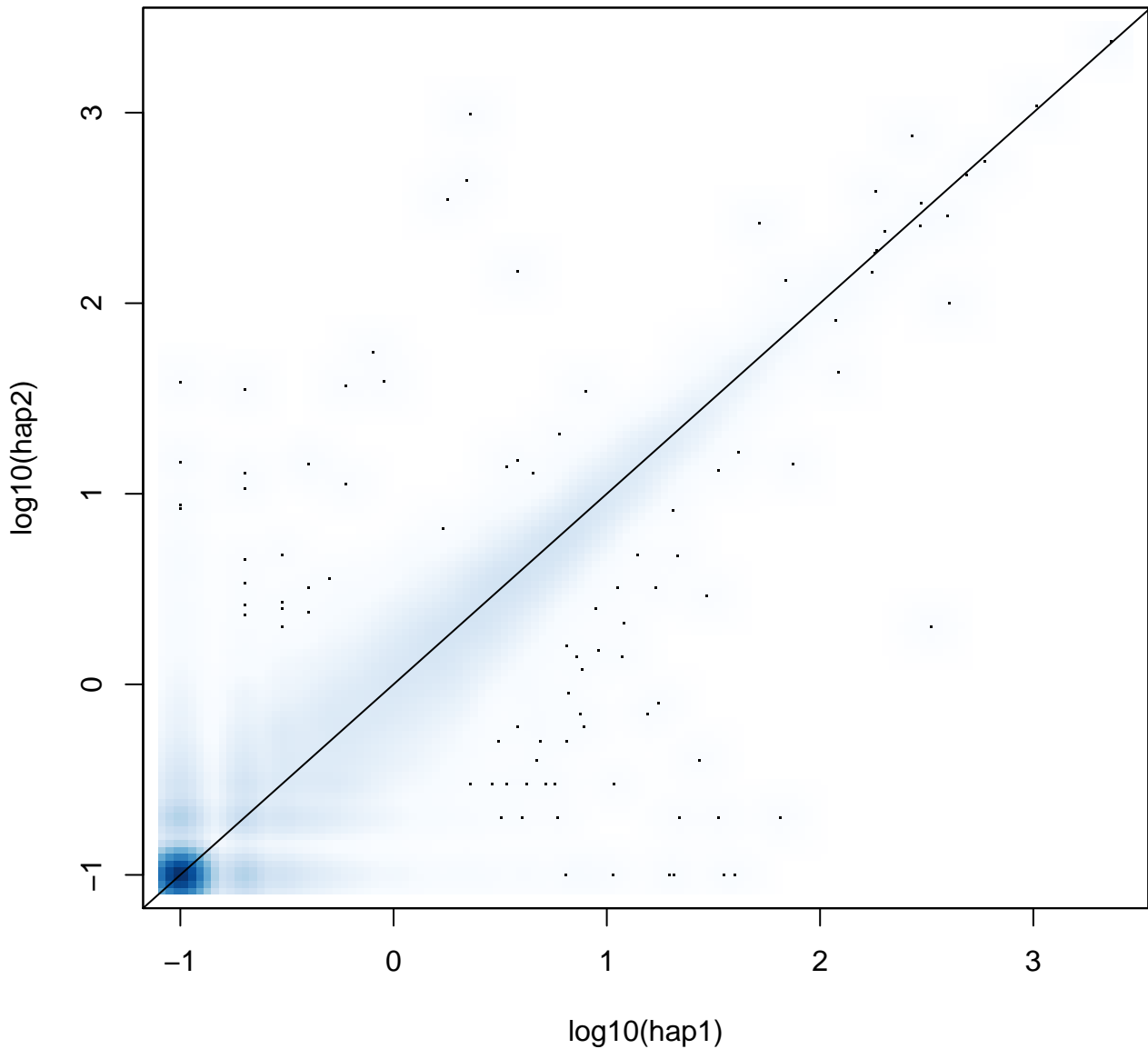
# NA19222: compare hap1 vs hap2 counts



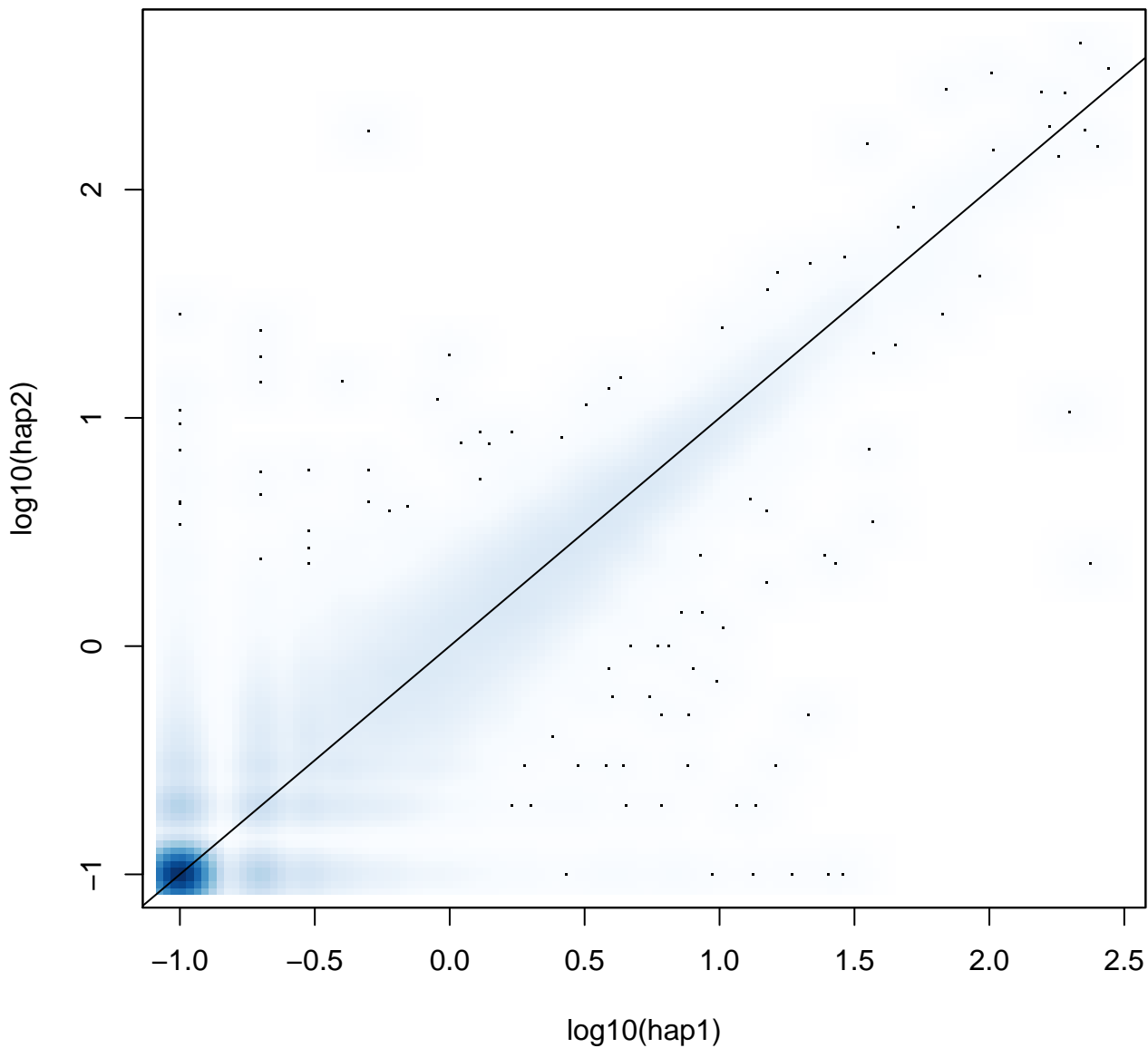
# NA19223: compare hap1 vs hap2 counts



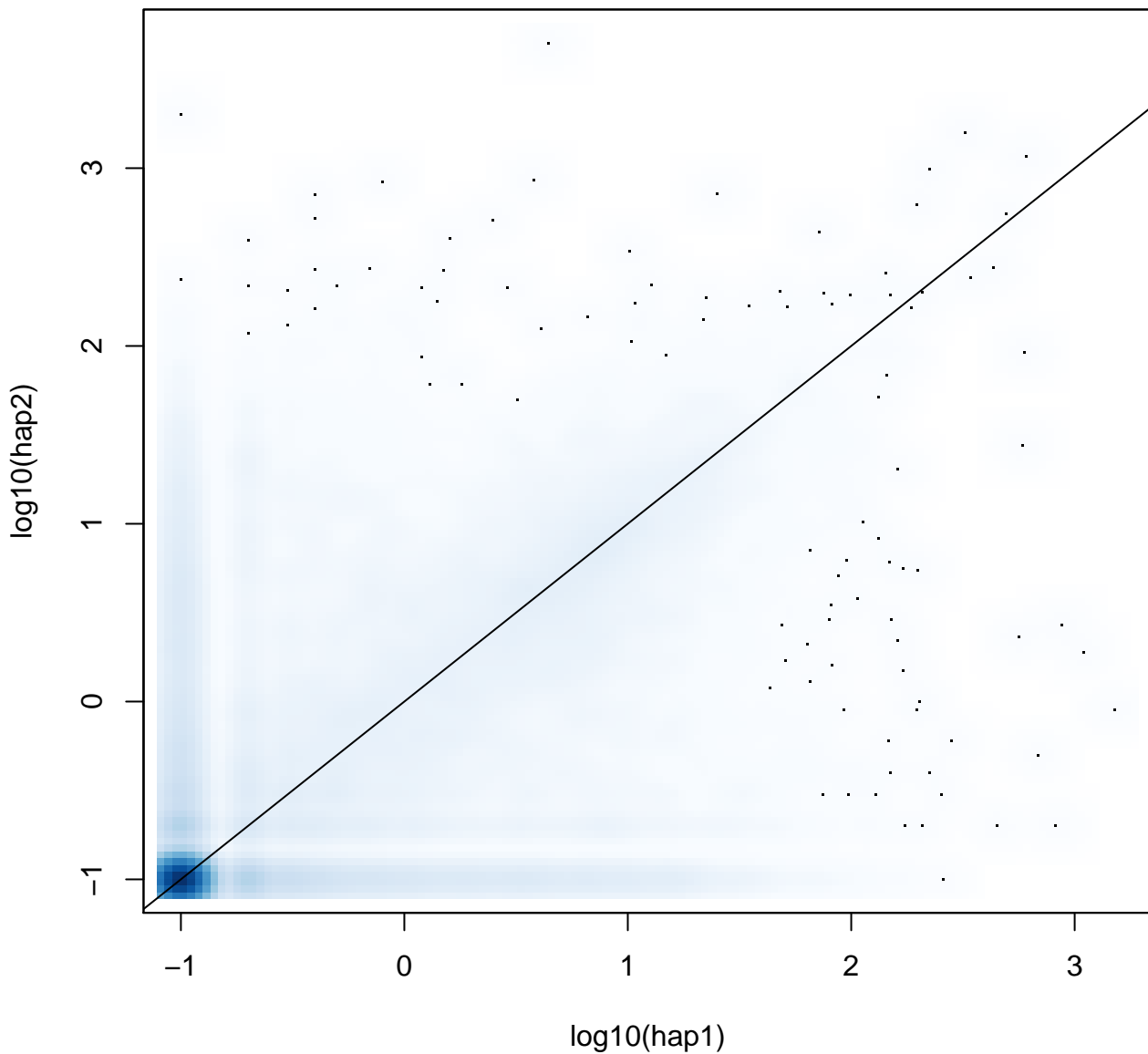
# NA19225: compare hap1 vs hap2 counts



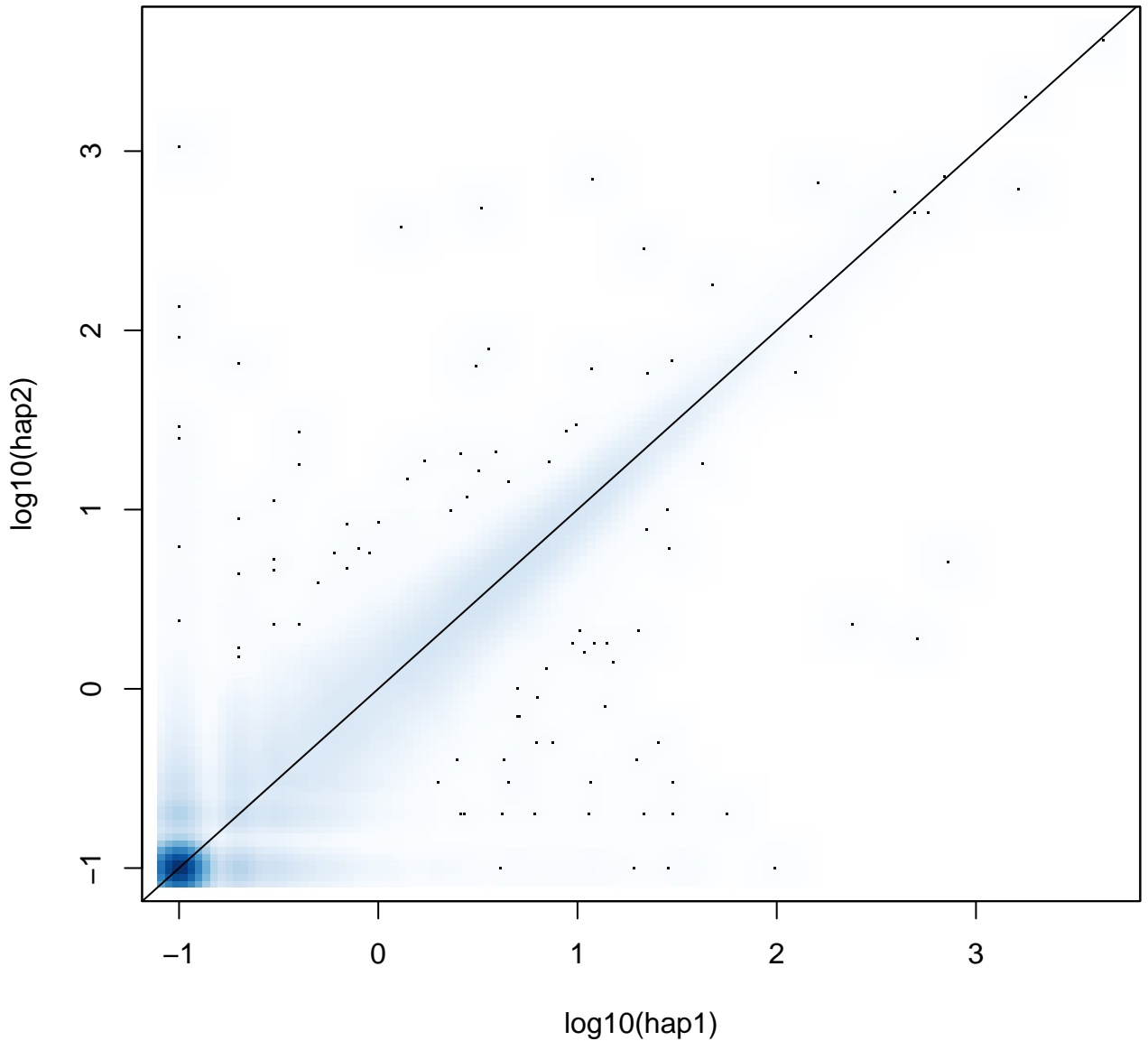
# NA19235: compare hap1 vs hap2 counts



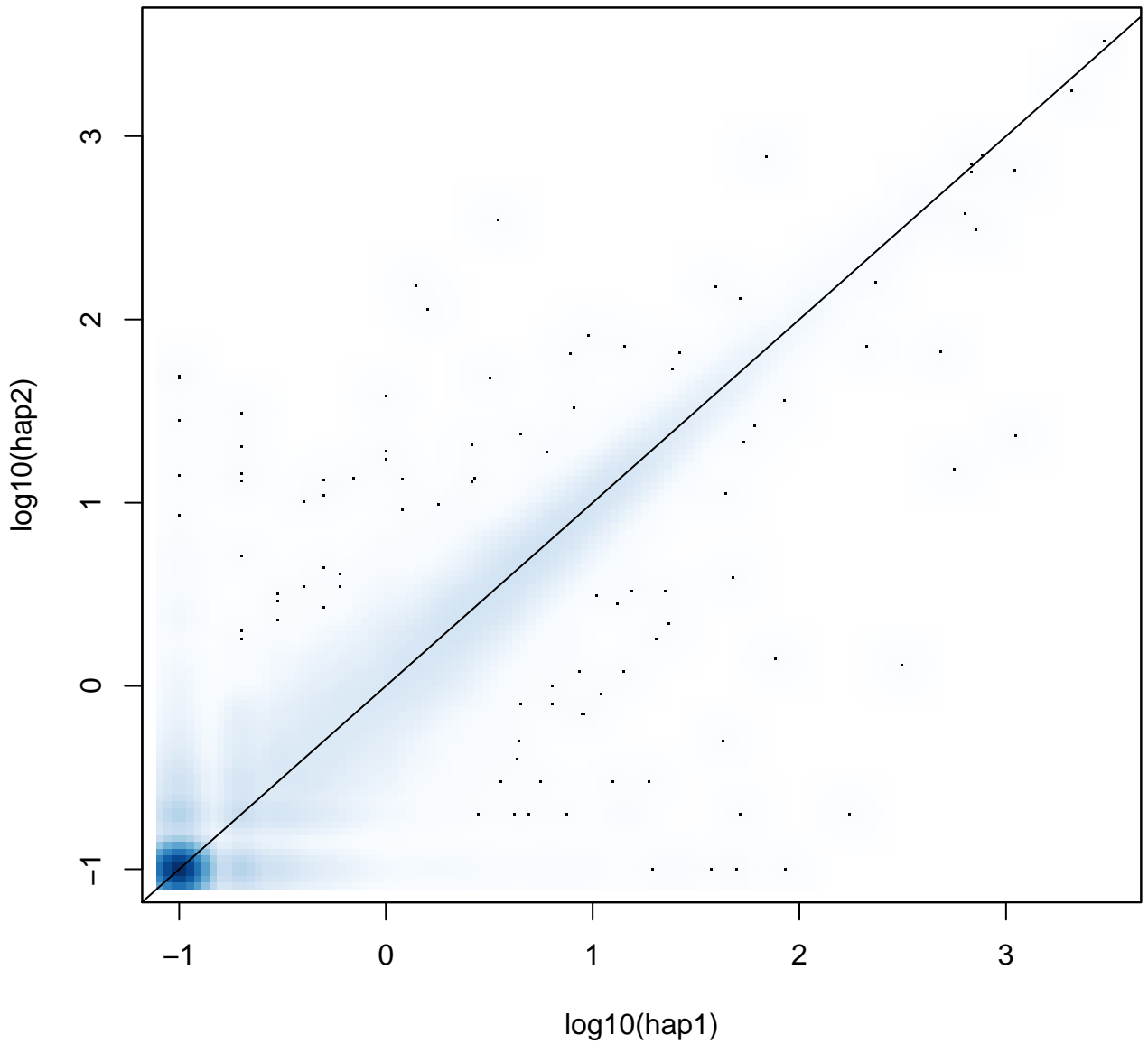
# NA19236: compare hap1 vs hap2 counts



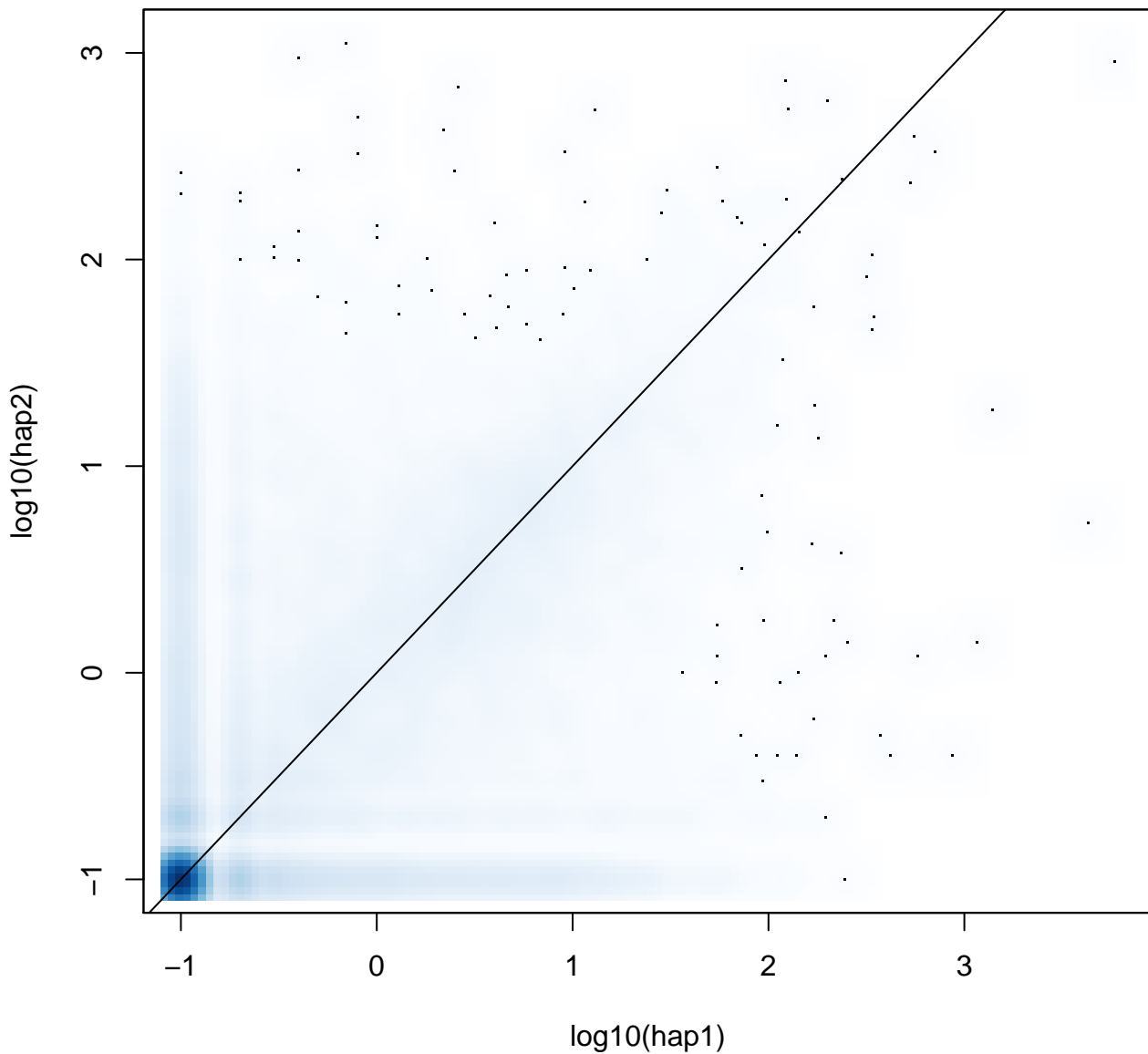
# NA19247: compare hap1 vs hap2 counts



# NA19248: compare hap1 vs hap2 counts

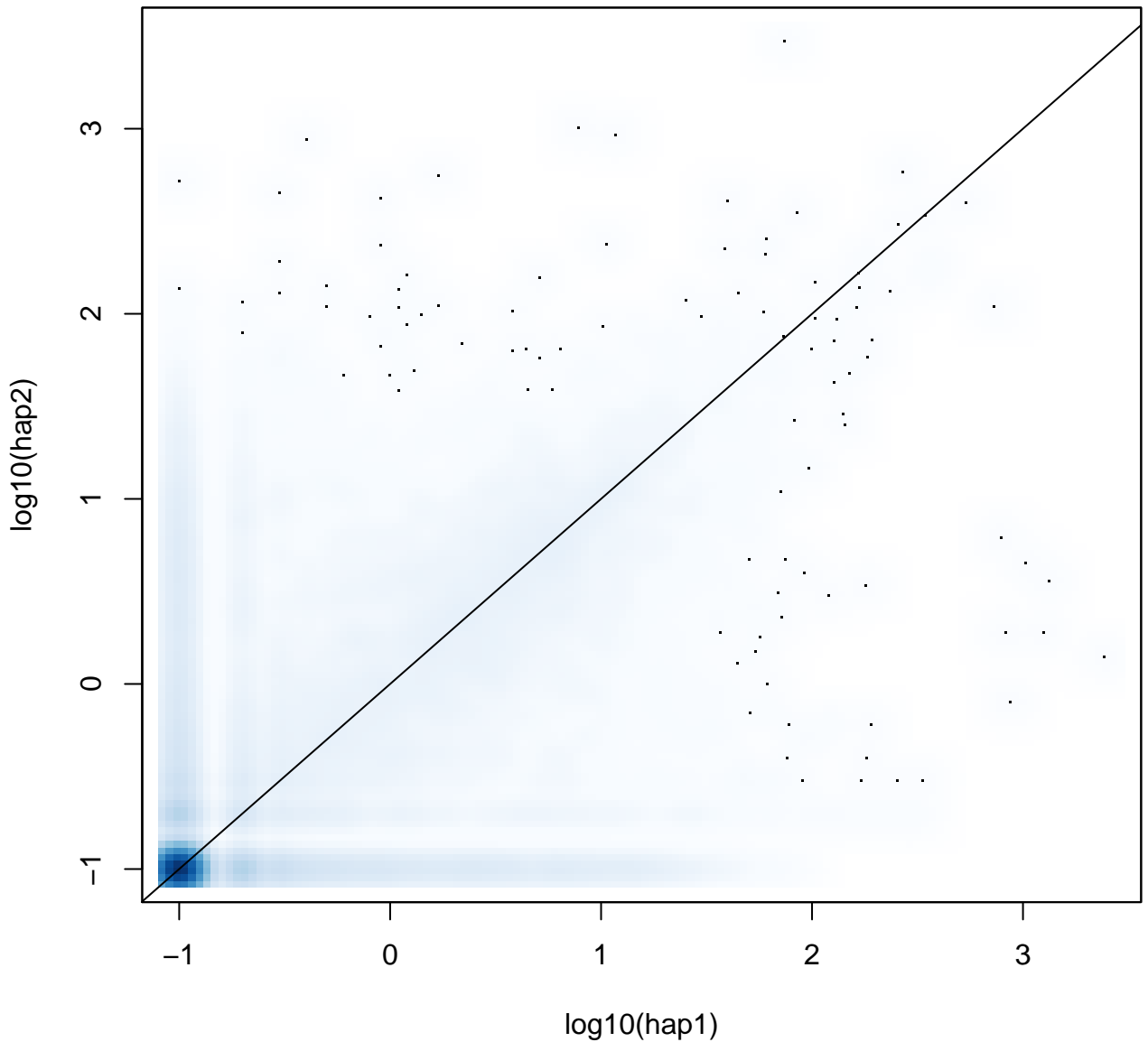


# NA19256: compare hap1 vs hap2 counts

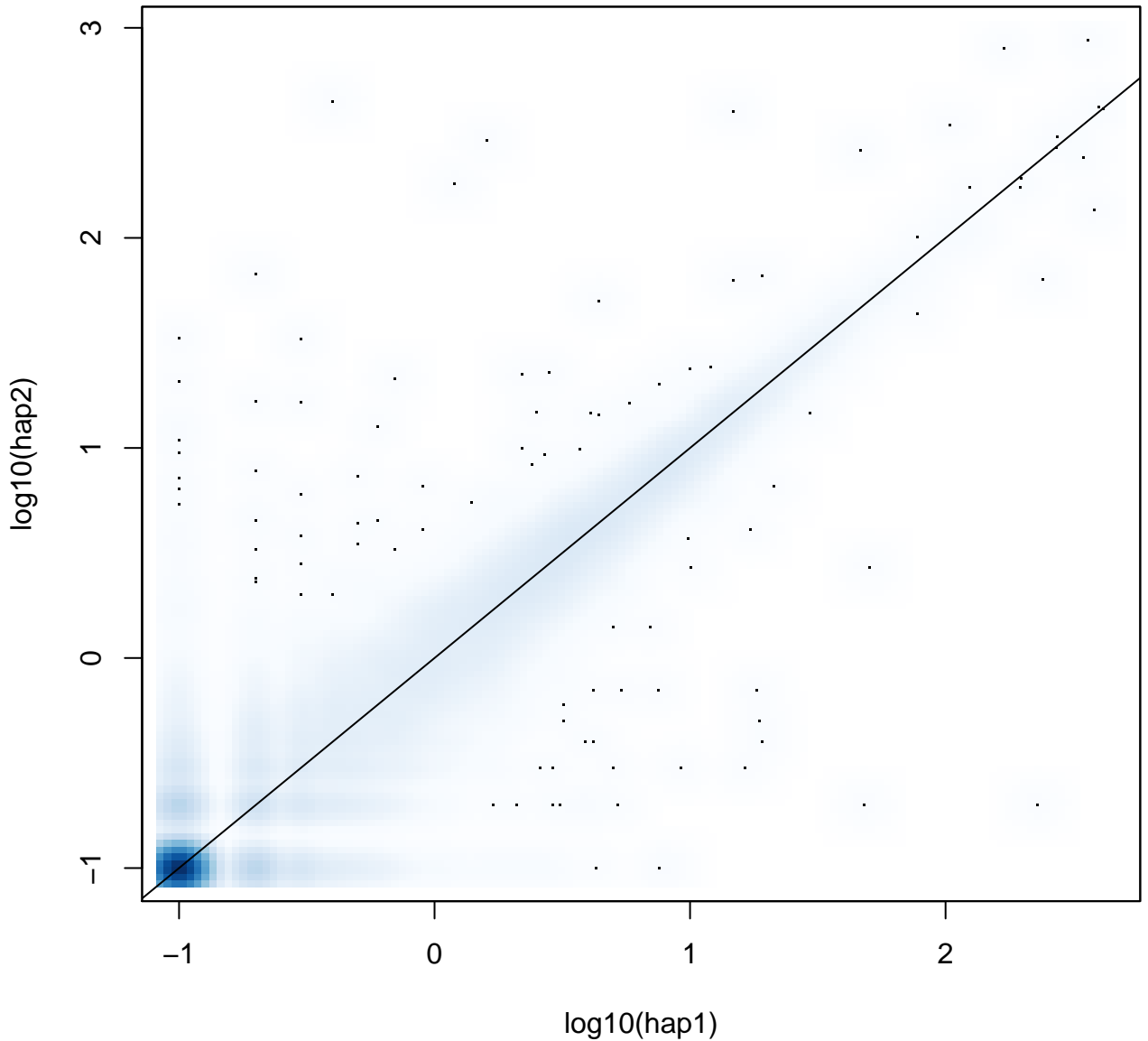




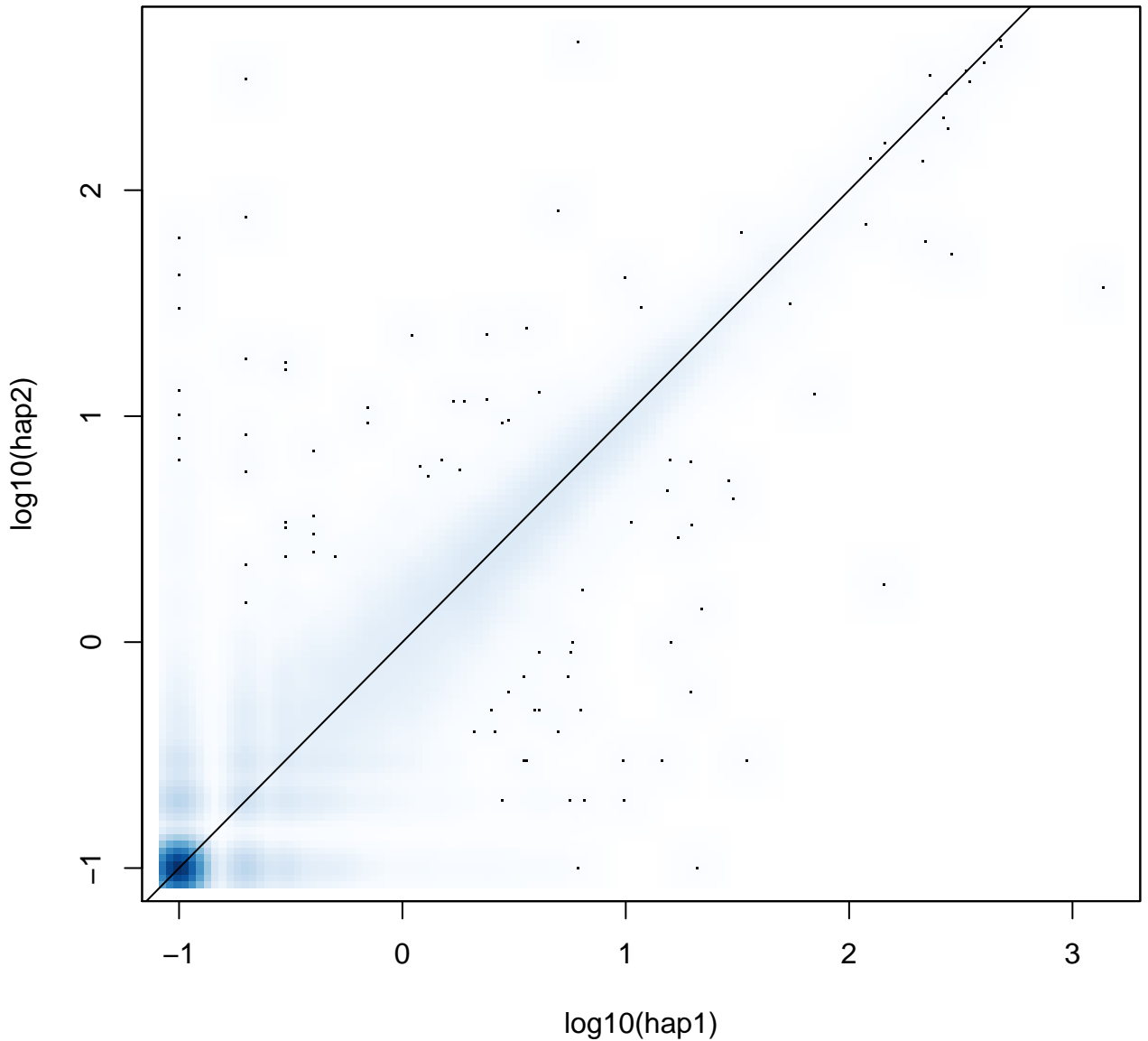
# NA19257: compare hap1 vs hap2 counts



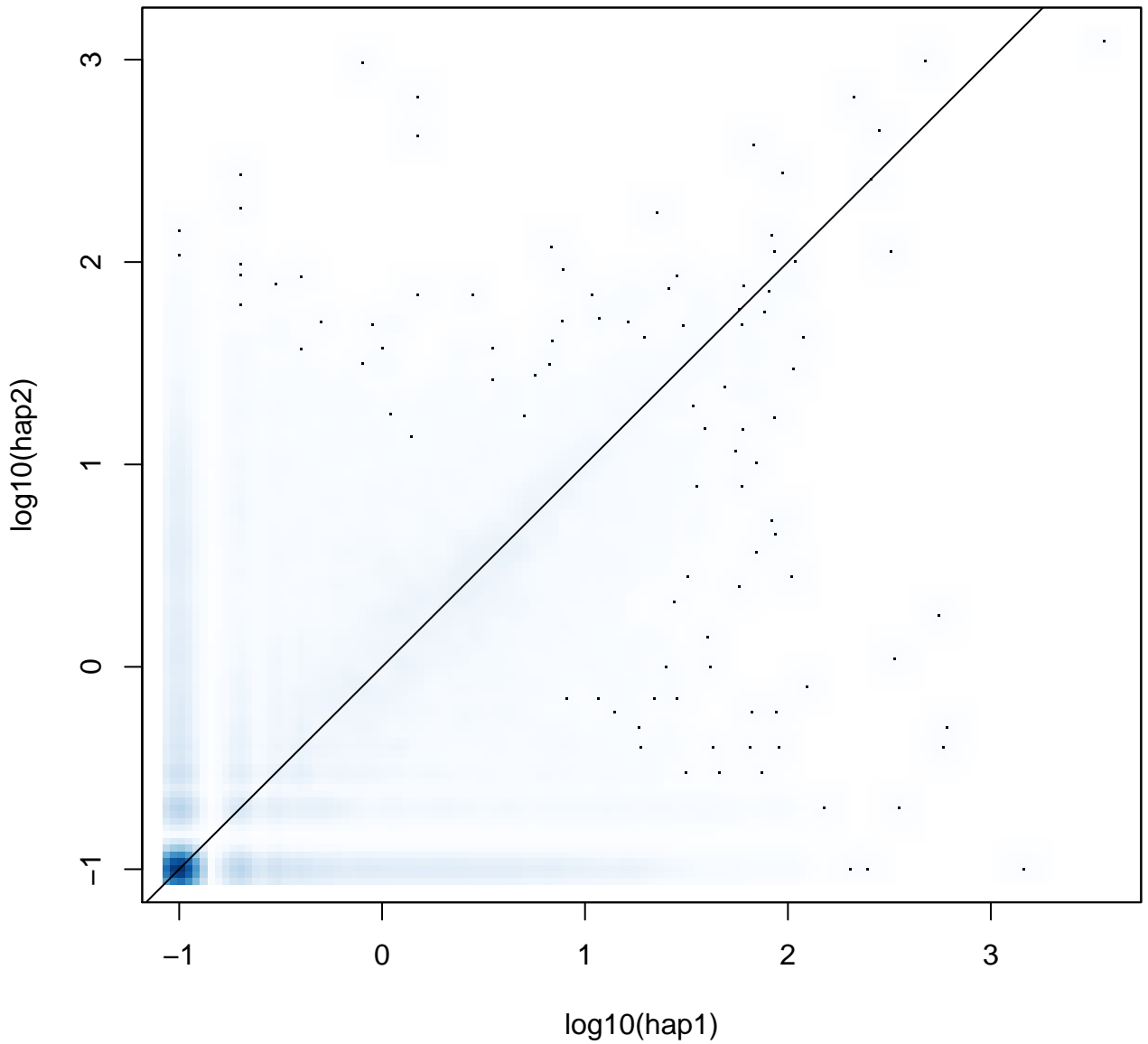
# NA20502: compare hap1 vs hap2 counts



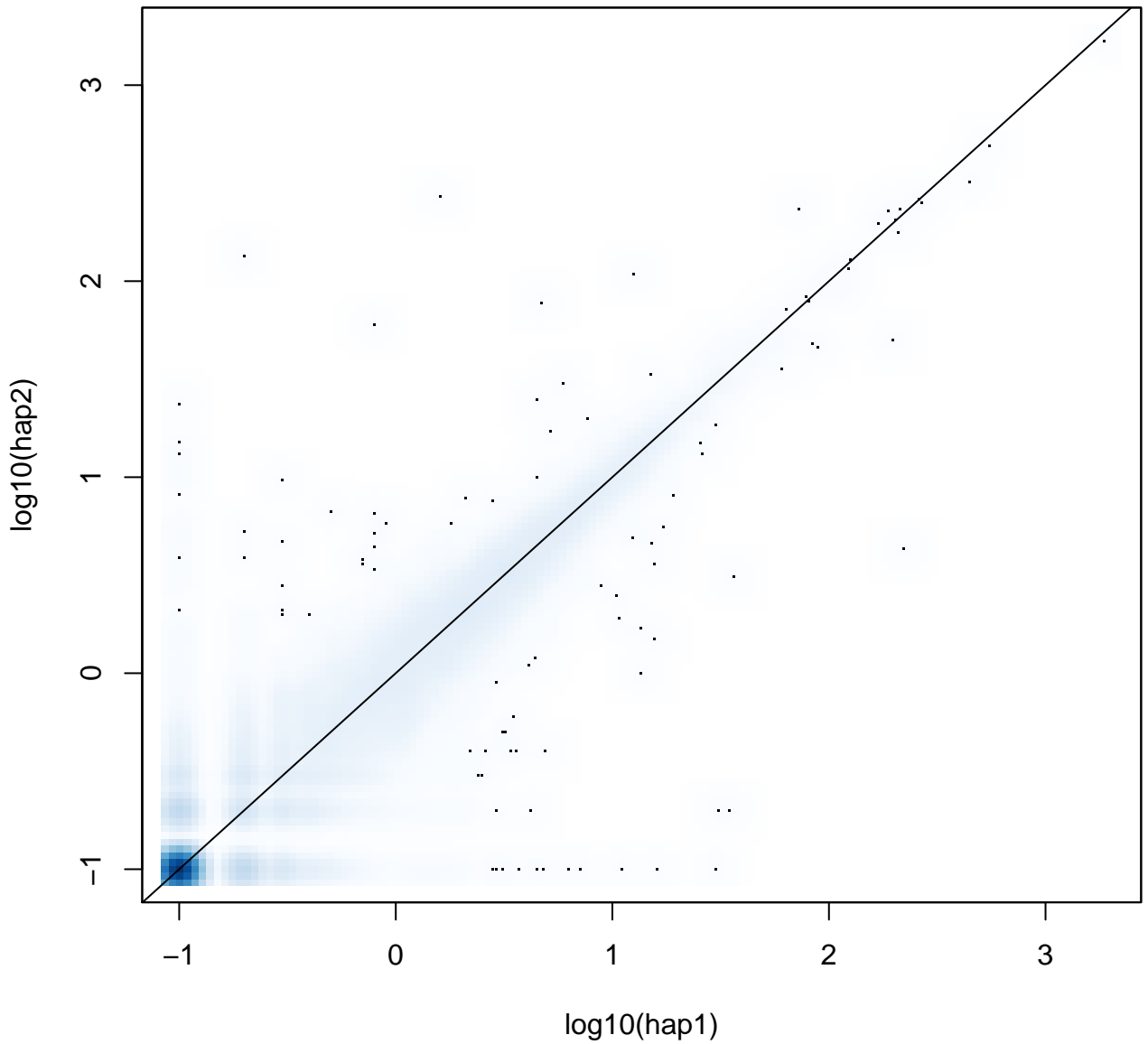
# NA20503: compare hap1 vs hap2 counts



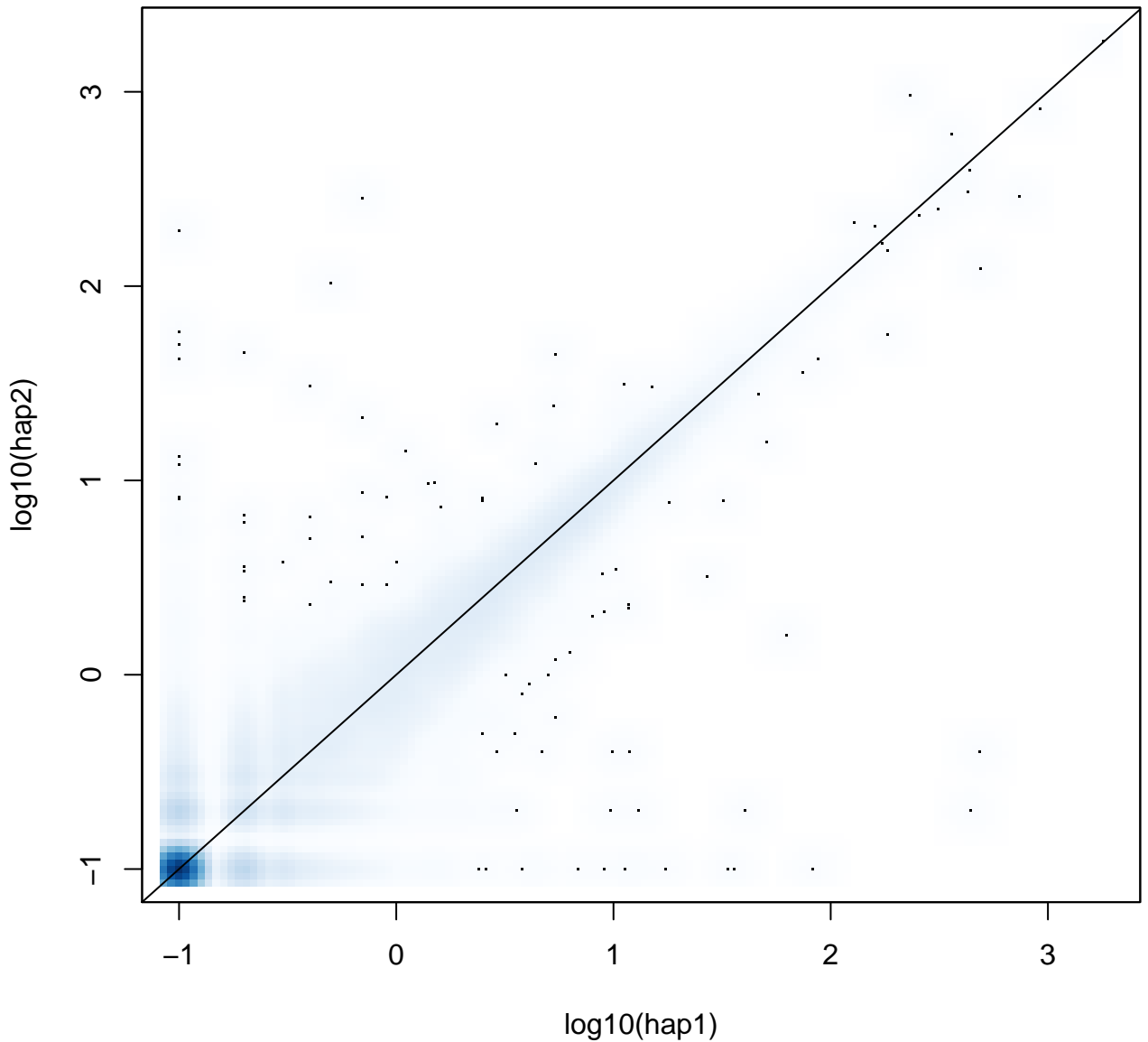
# NA20504: compare hap1 vs hap2 counts



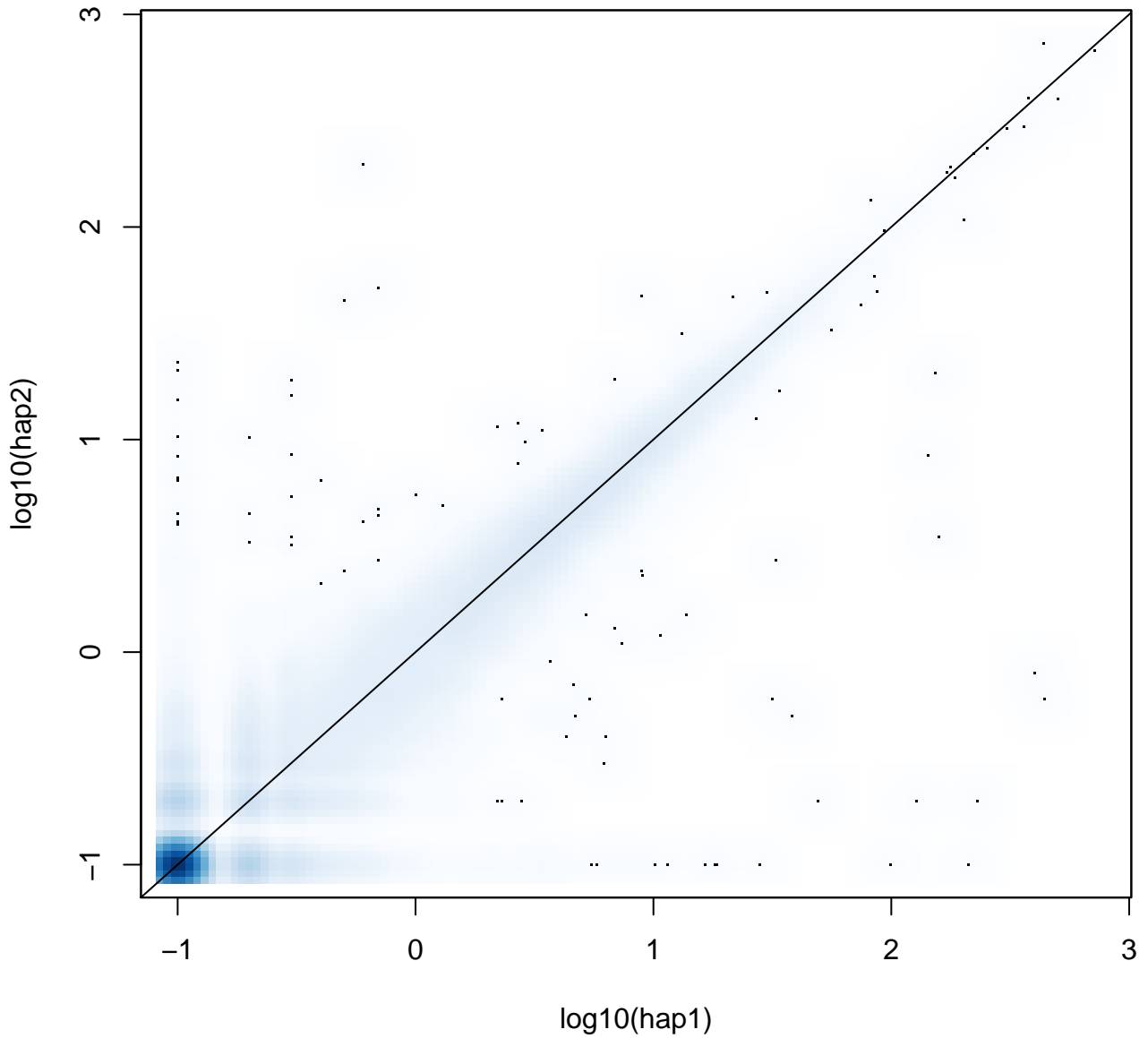
# NA20505: compare hap1 vs hap2 counts



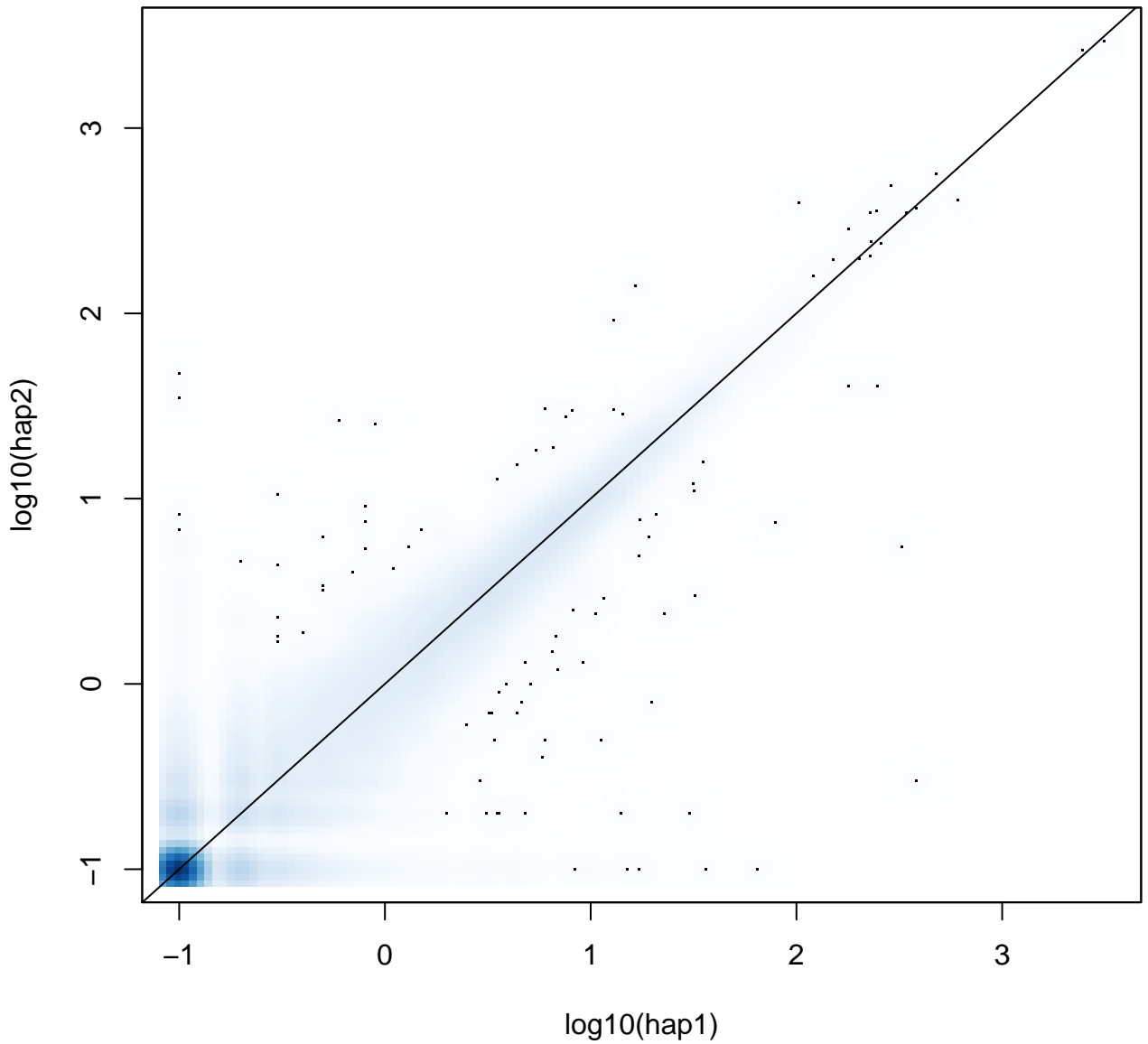
# NA20506: compare hap1 vs hap2 counts



# NA20507: compare hap1 vs hap2 counts

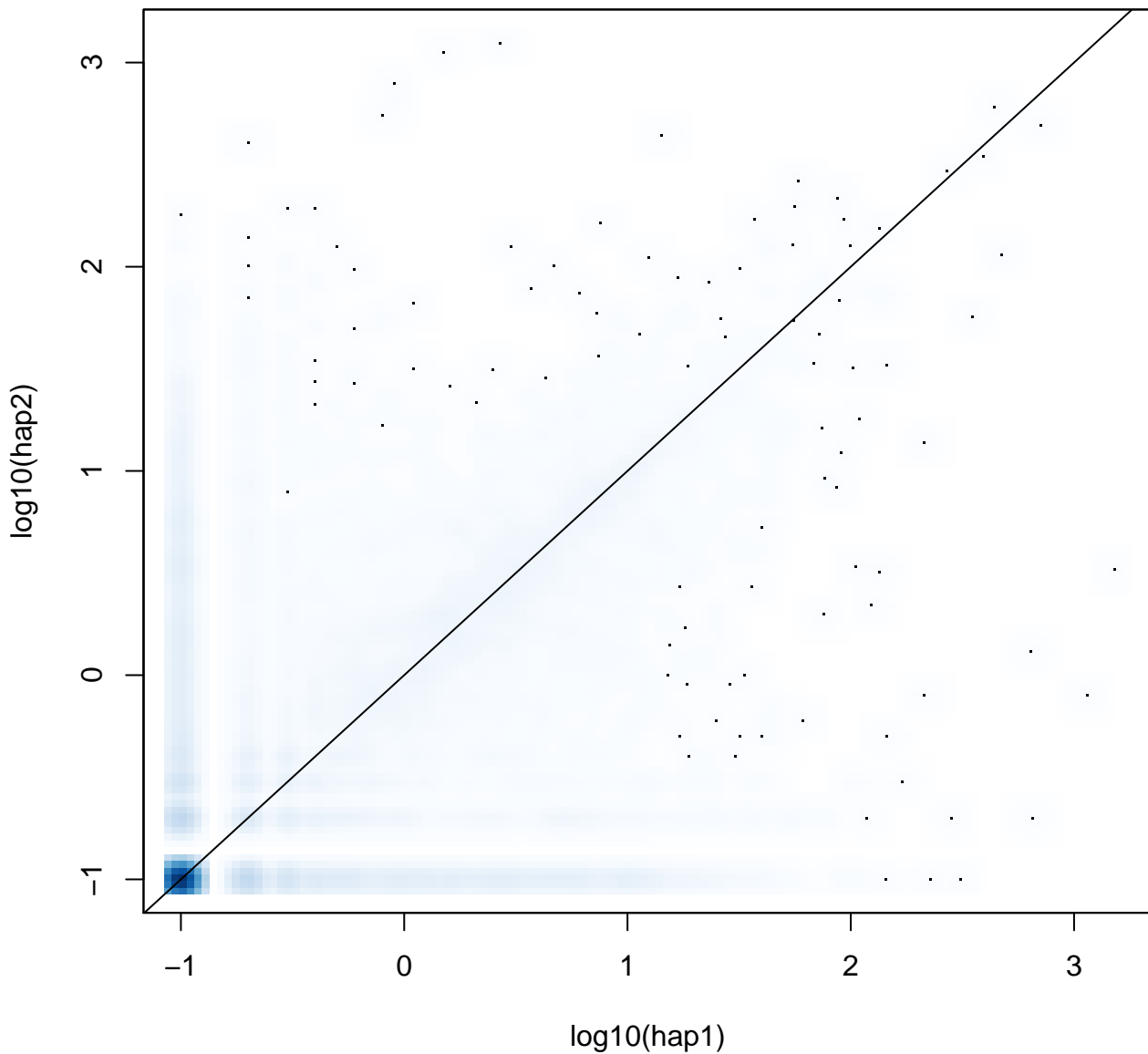


# NA20508: compare hap1 vs hap2 counts

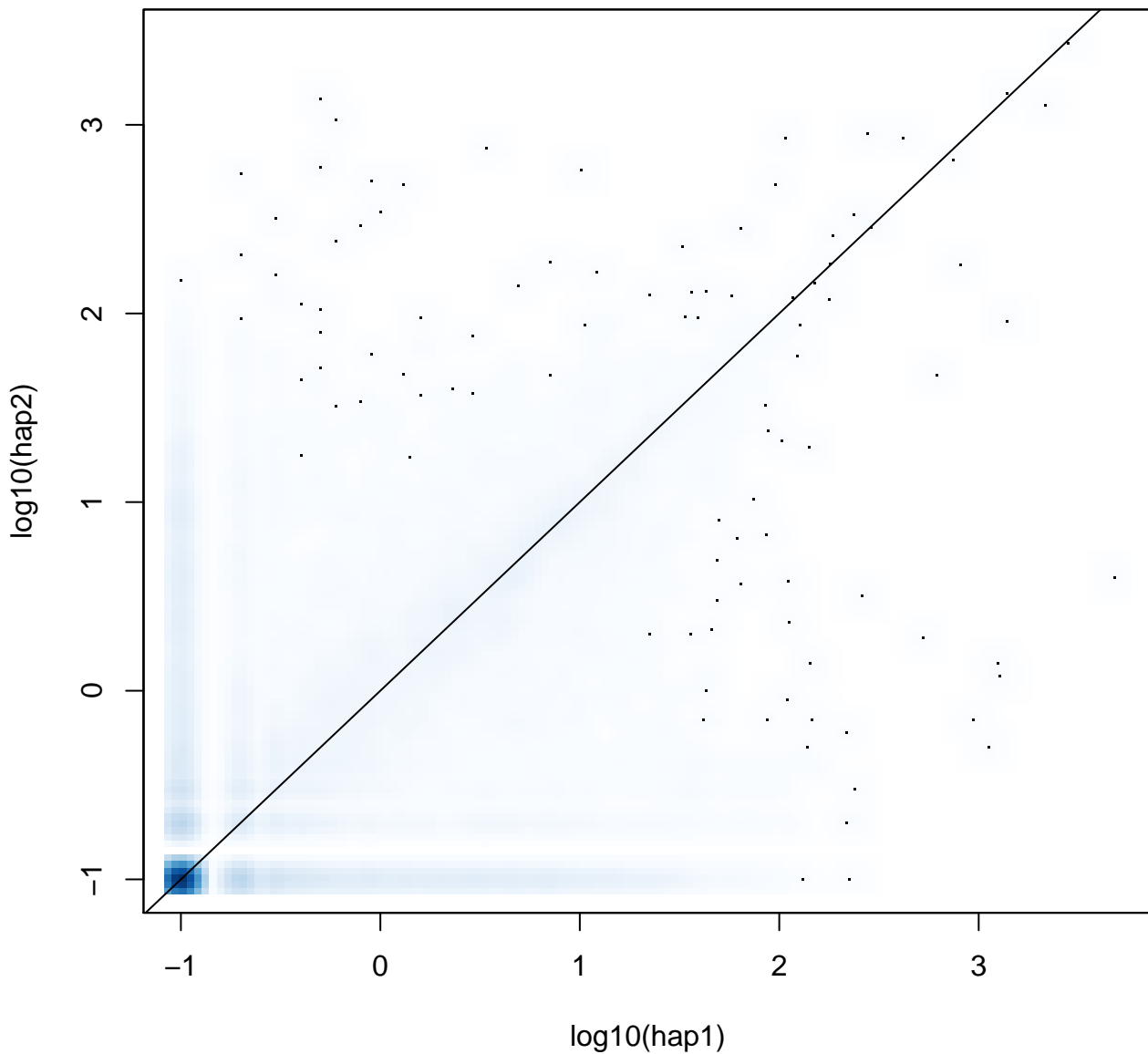




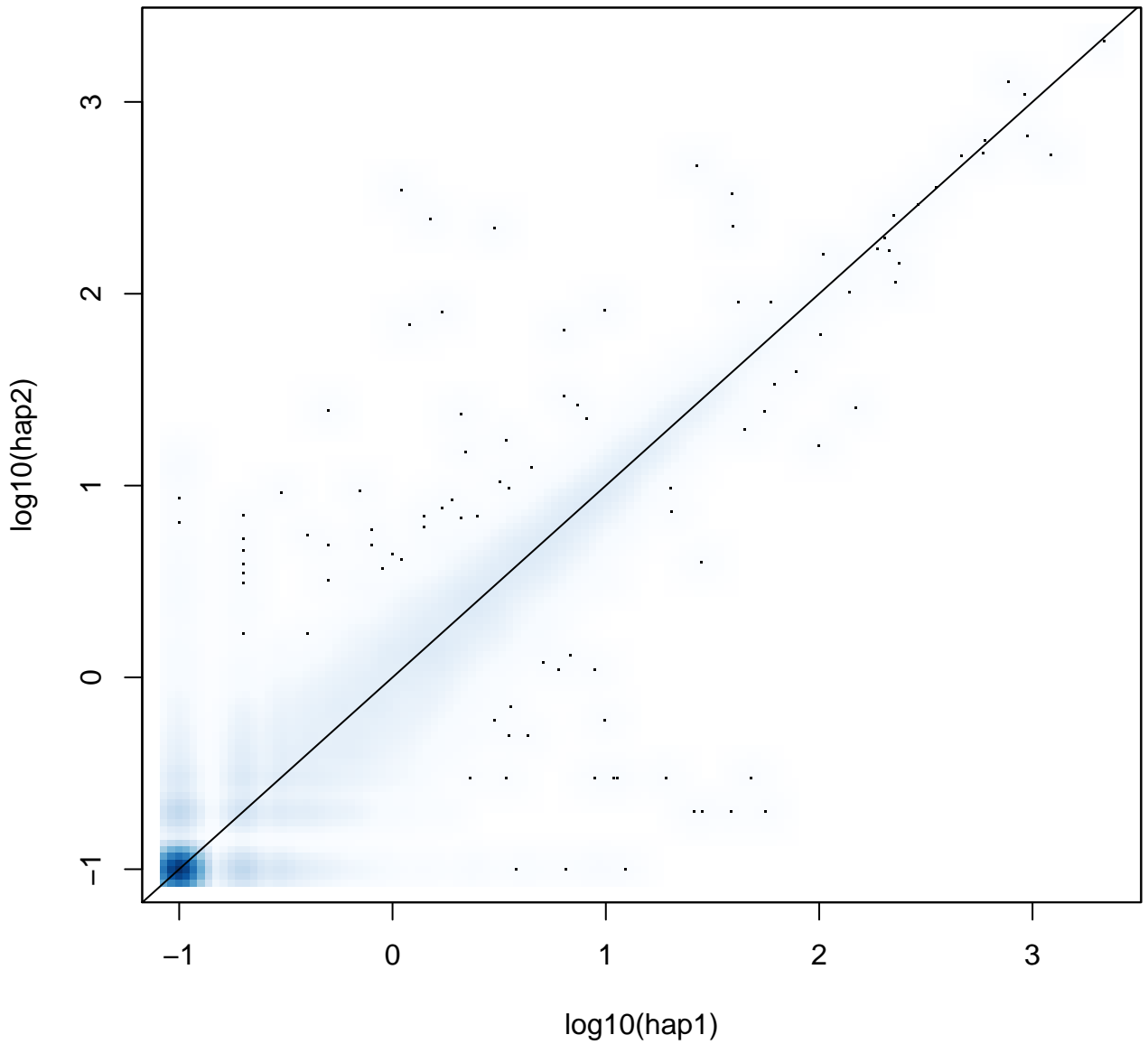
# NA20509: compare hap1 vs hap2 counts



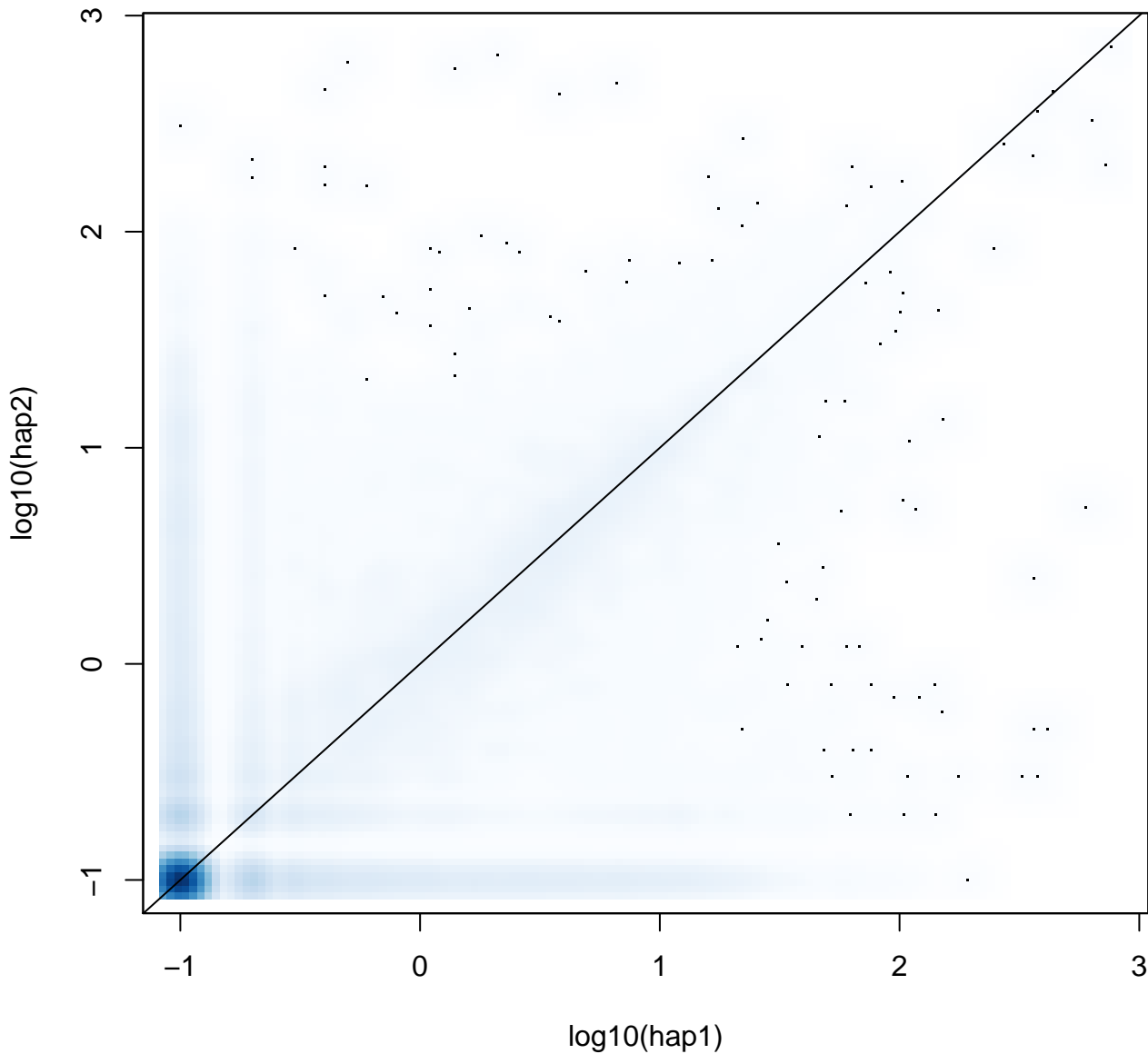
# NA20510: compare hap1 vs hap2 counts



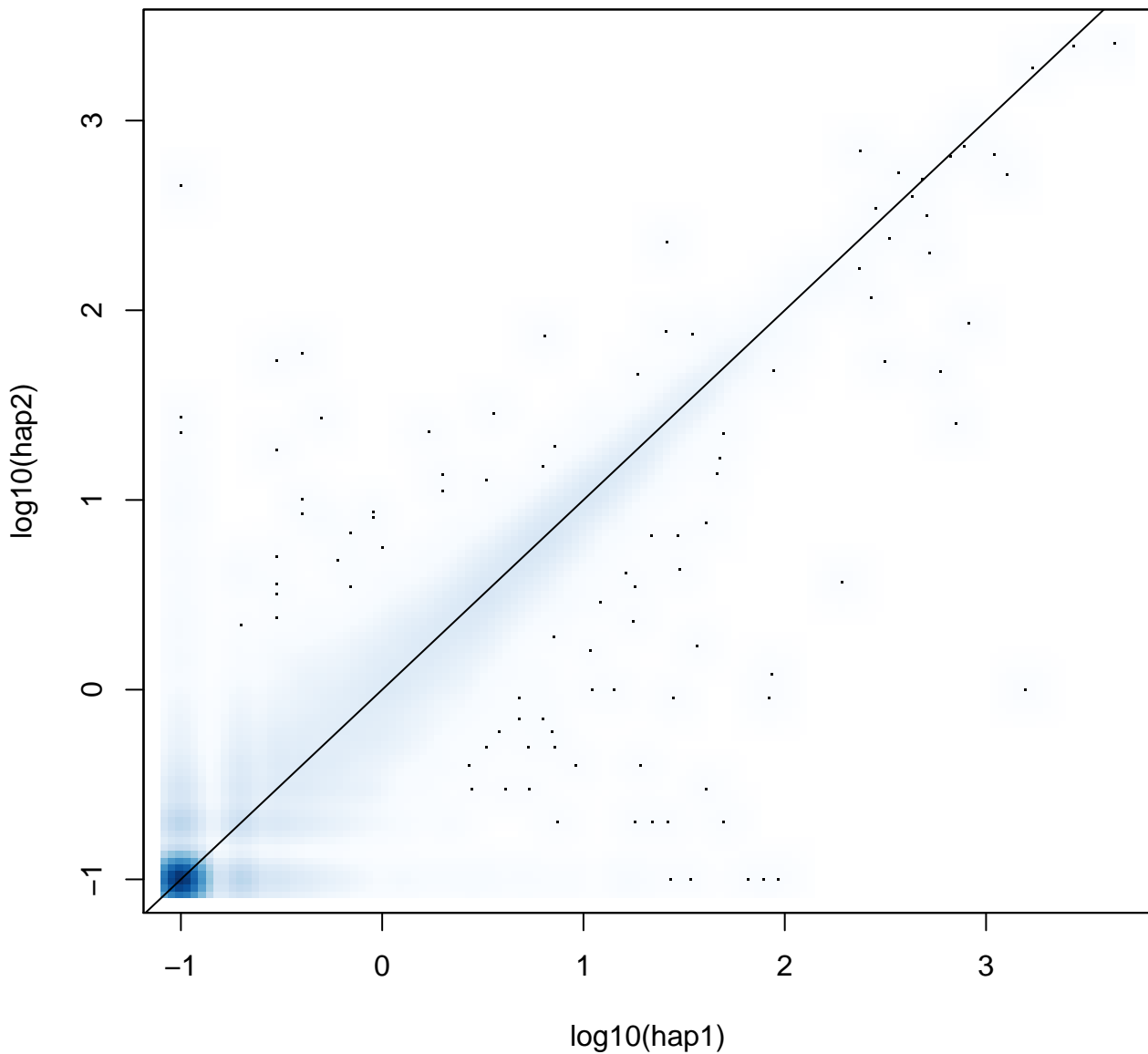
# NA20512: compare hap1 vs hap2 counts



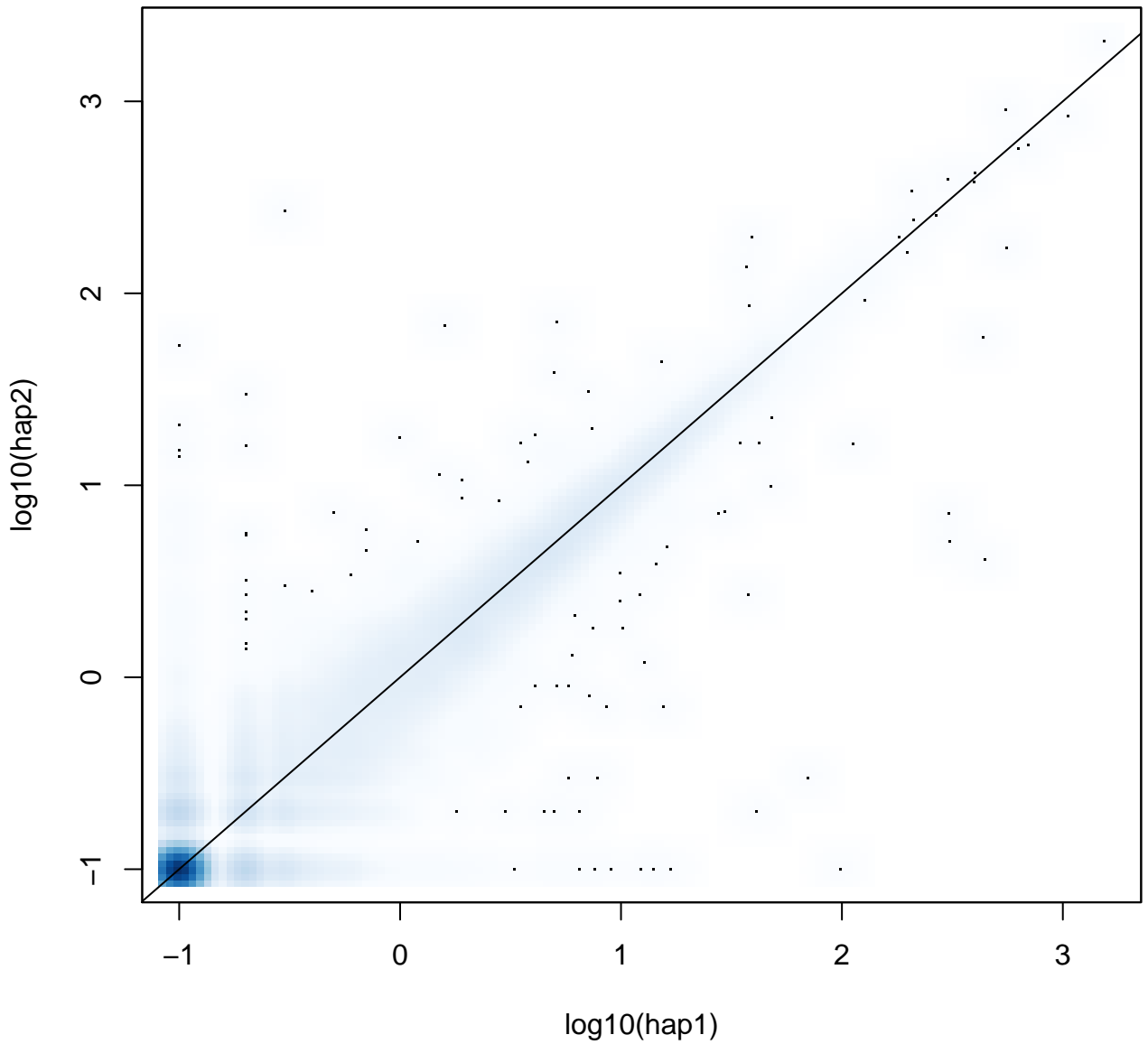
# NA20513: compare hap1 vs hap2 counts



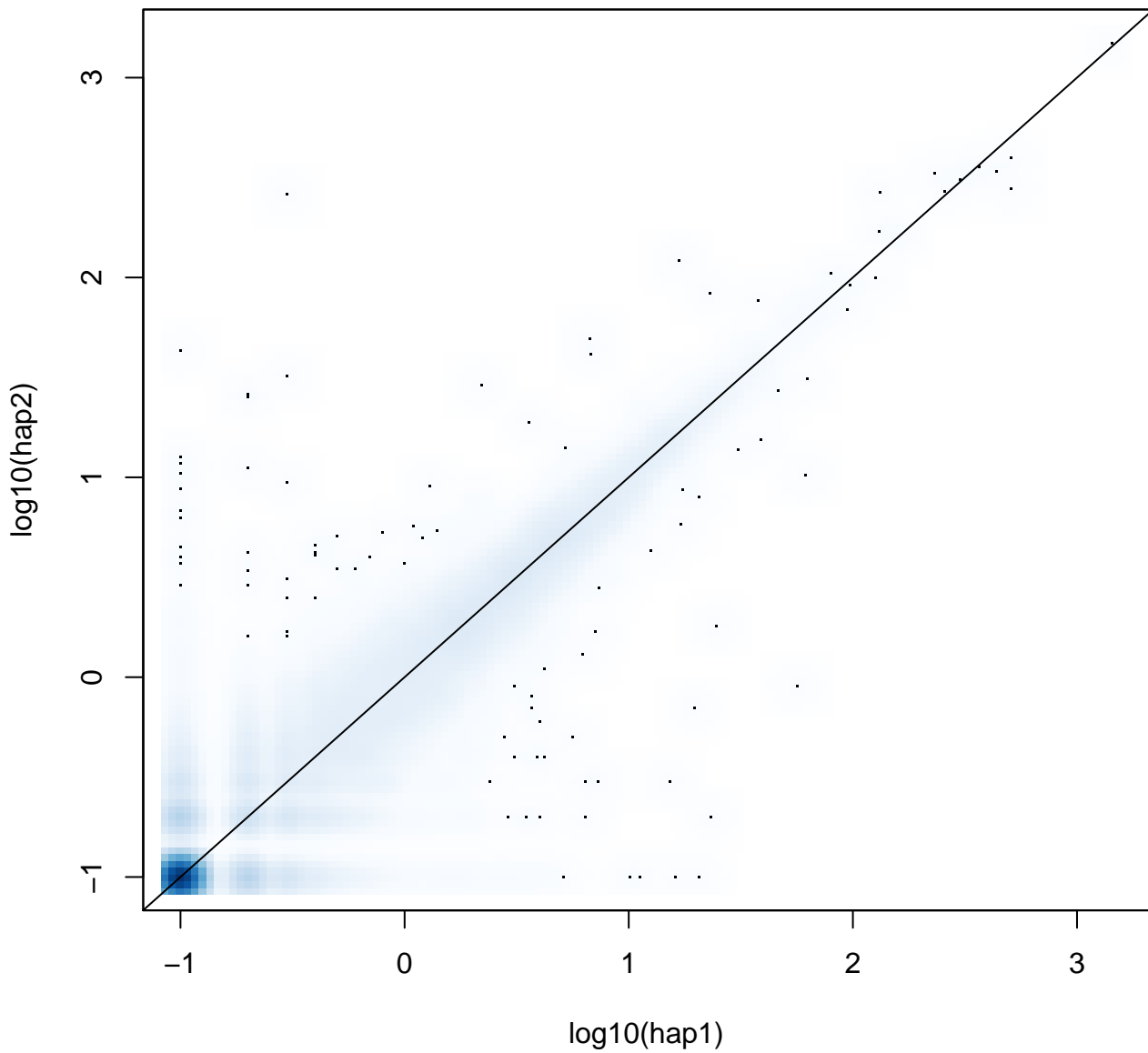
# NA20515: compare hap1 vs hap2 counts



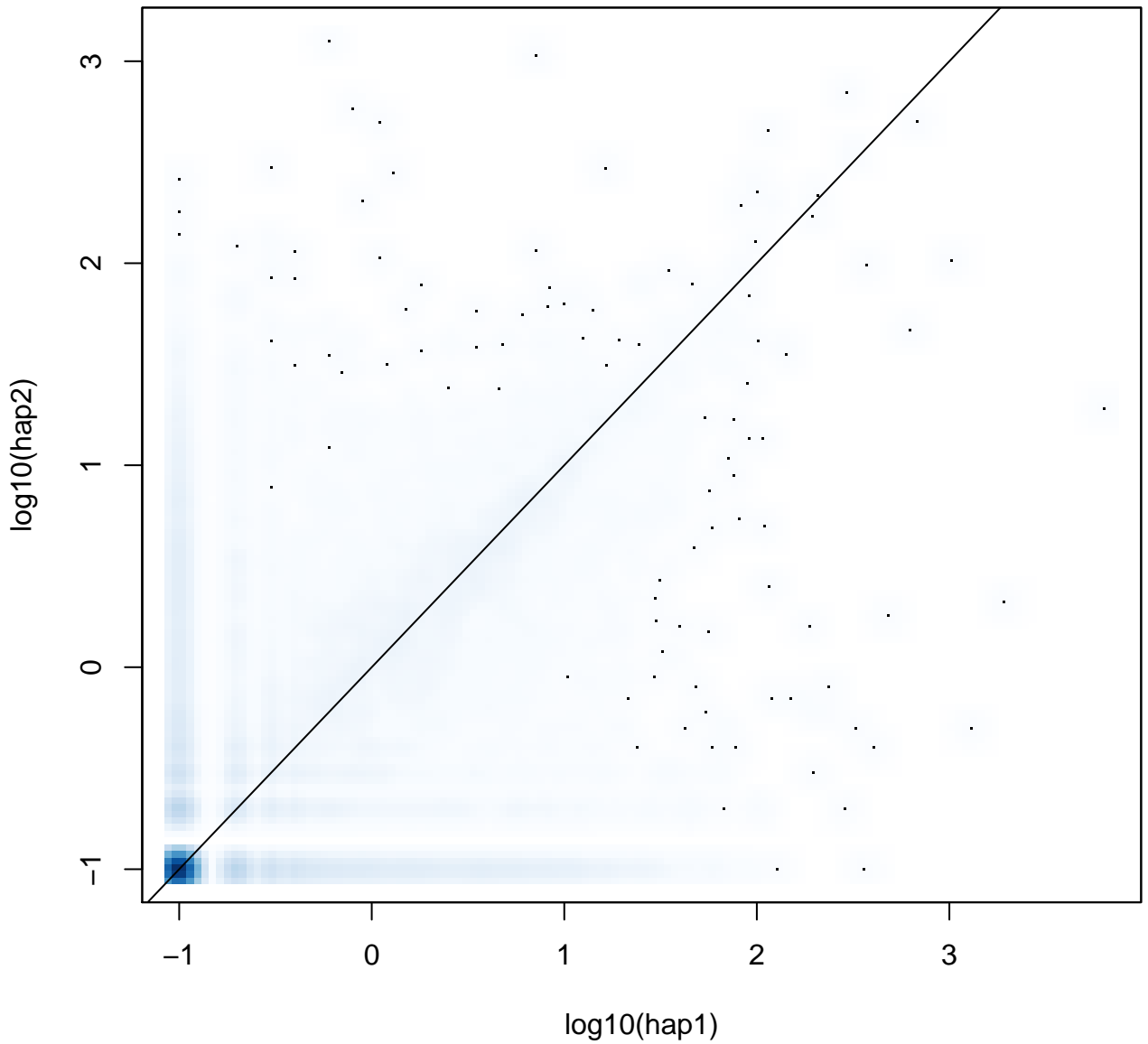
# NA20516: compare hap1 vs hap2 counts



# NA20517: compare hap1 vs hap2 counts

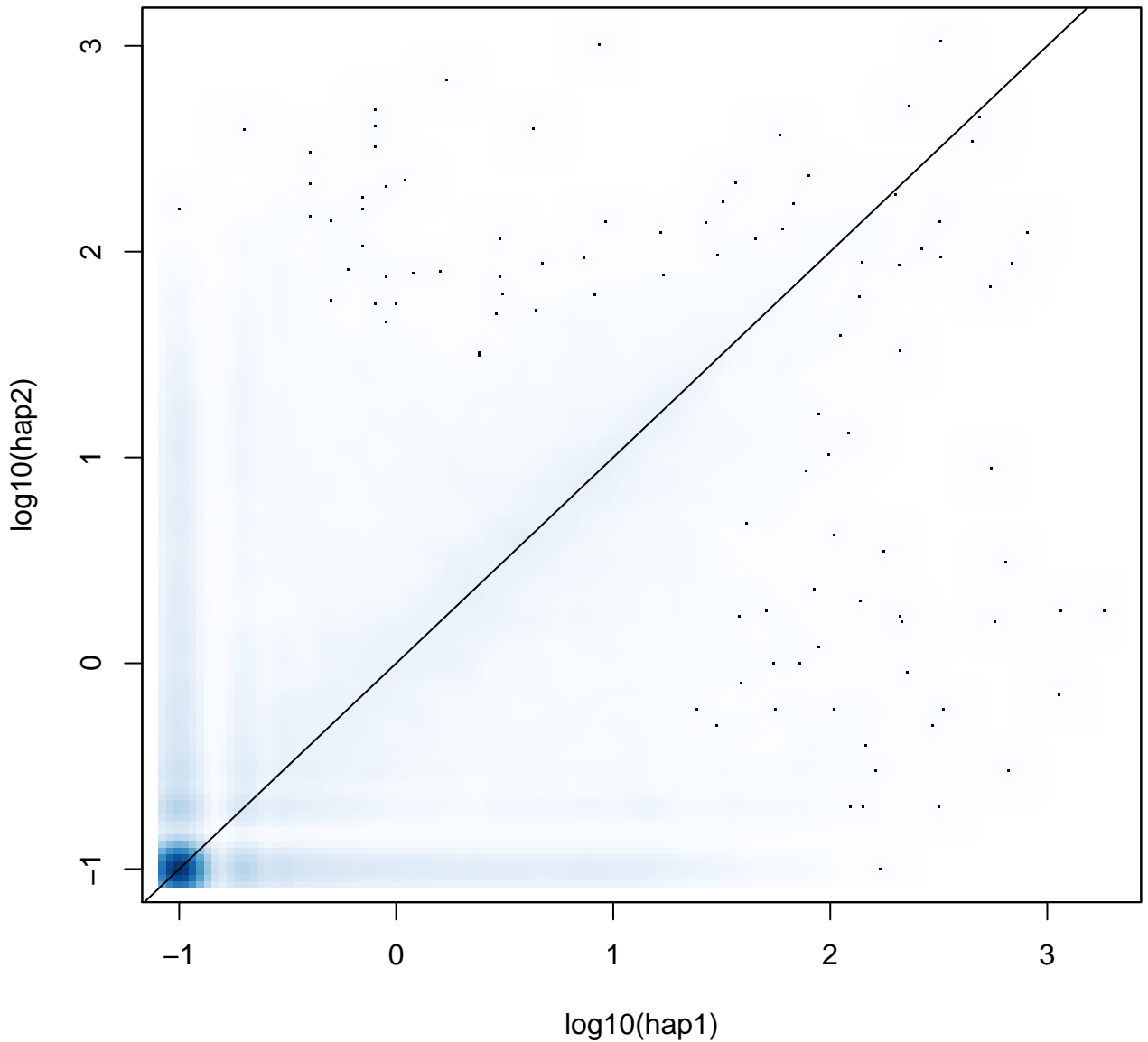


# NA20518: compare hap1 vs hap2 counts

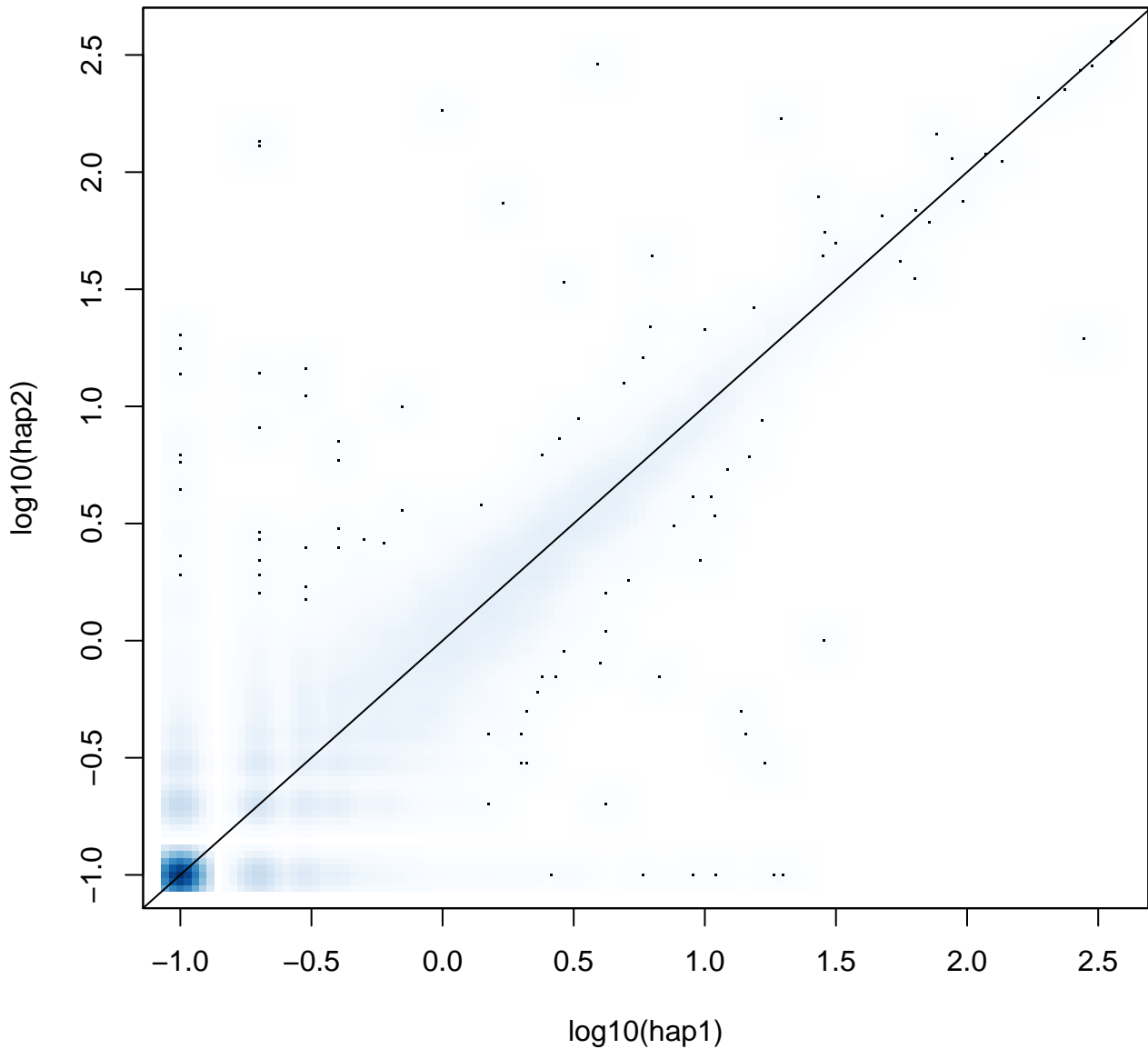




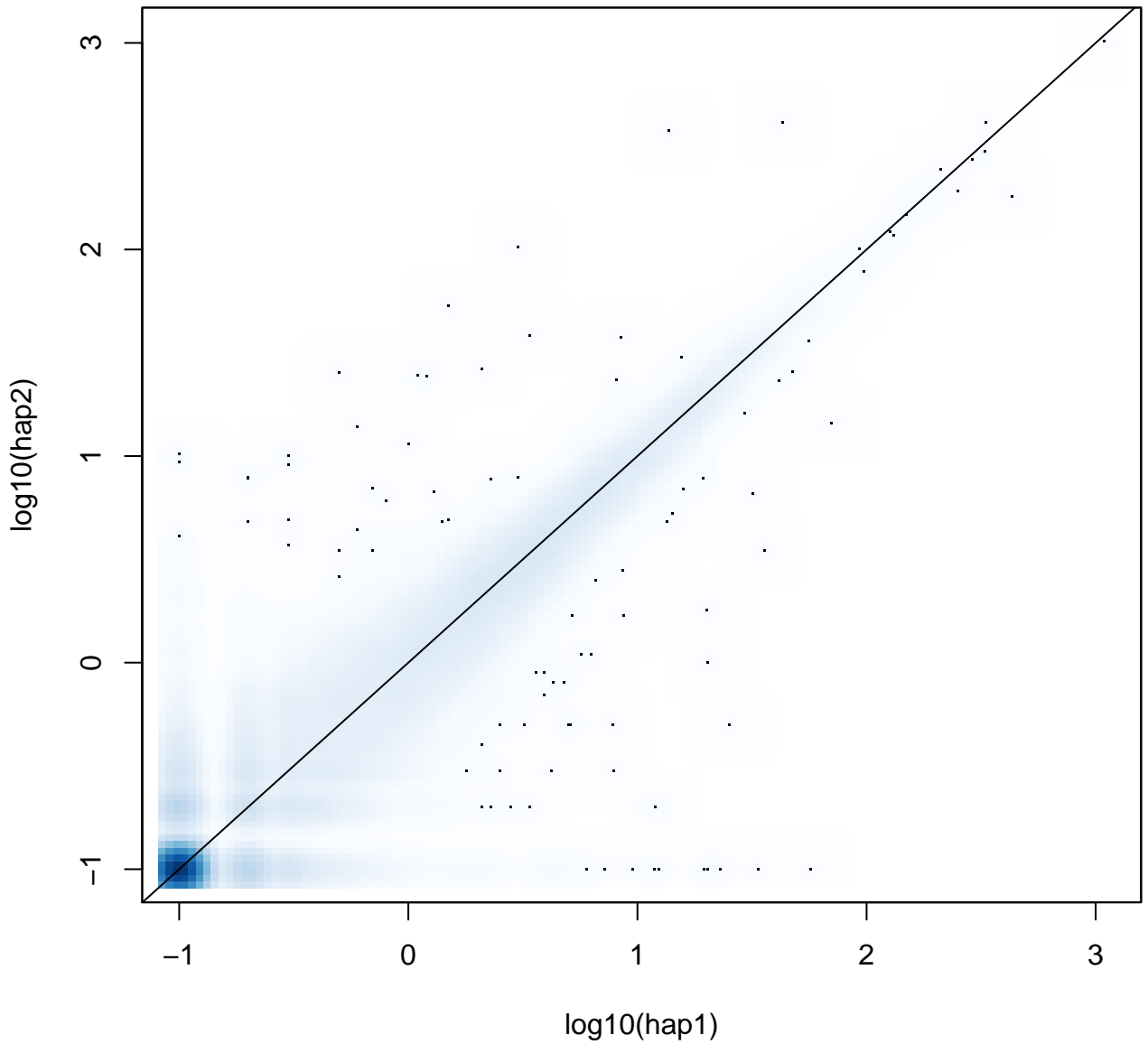
# NA20519: compare hap1 vs hap2 counts



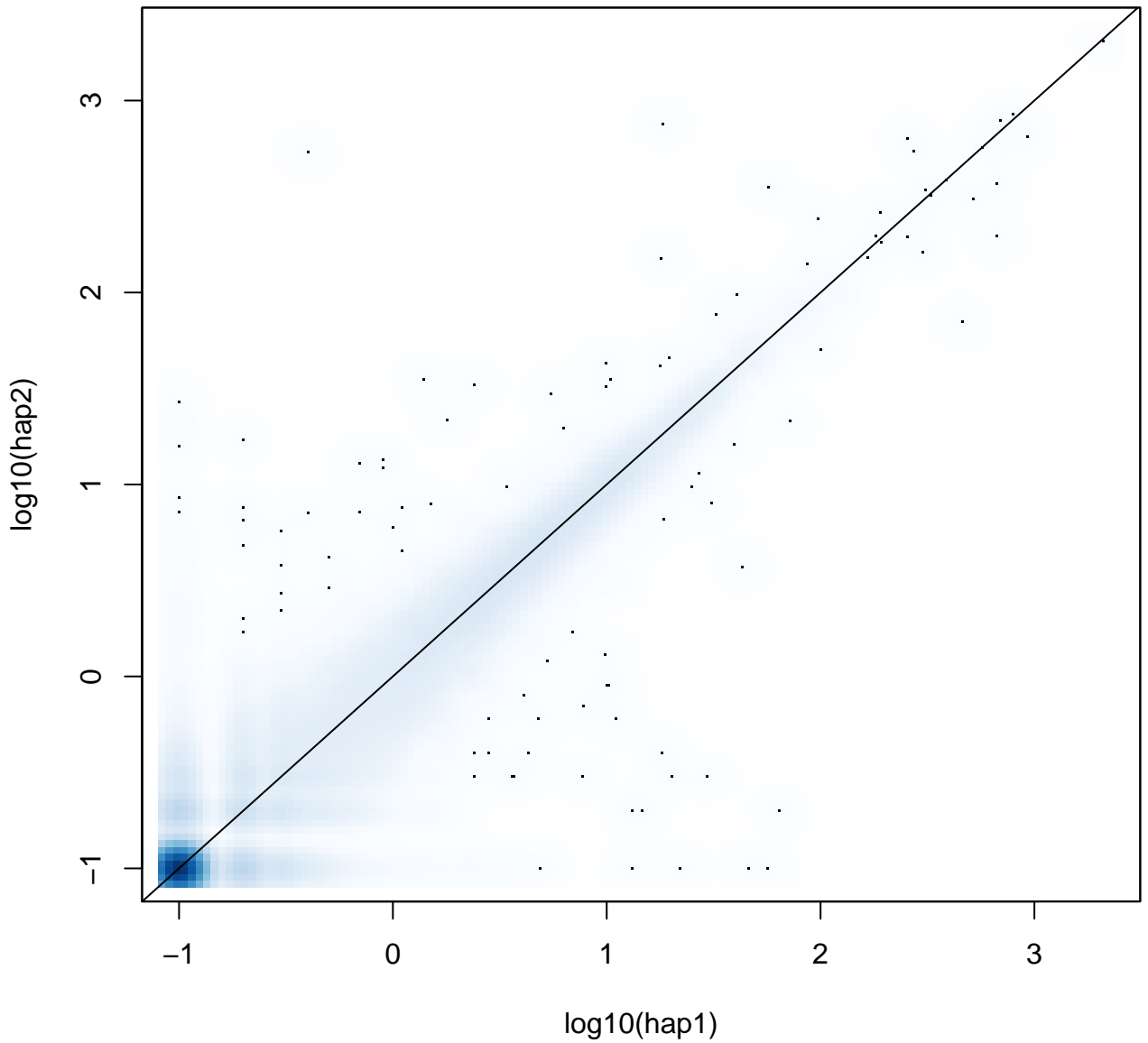
# NA20520: compare hap1 vs hap2 counts



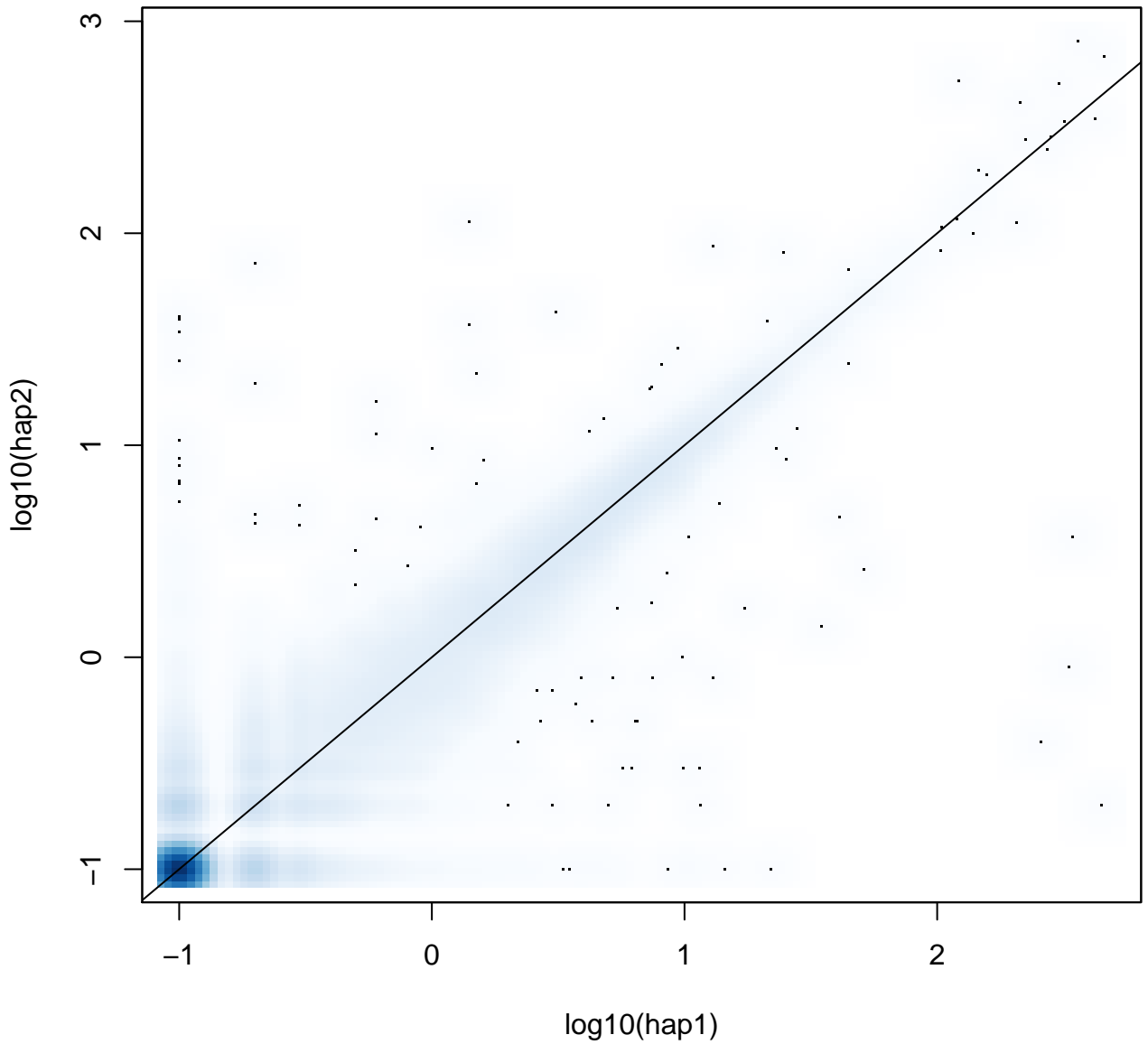
# NA20521: compare hap1 vs hap2 counts



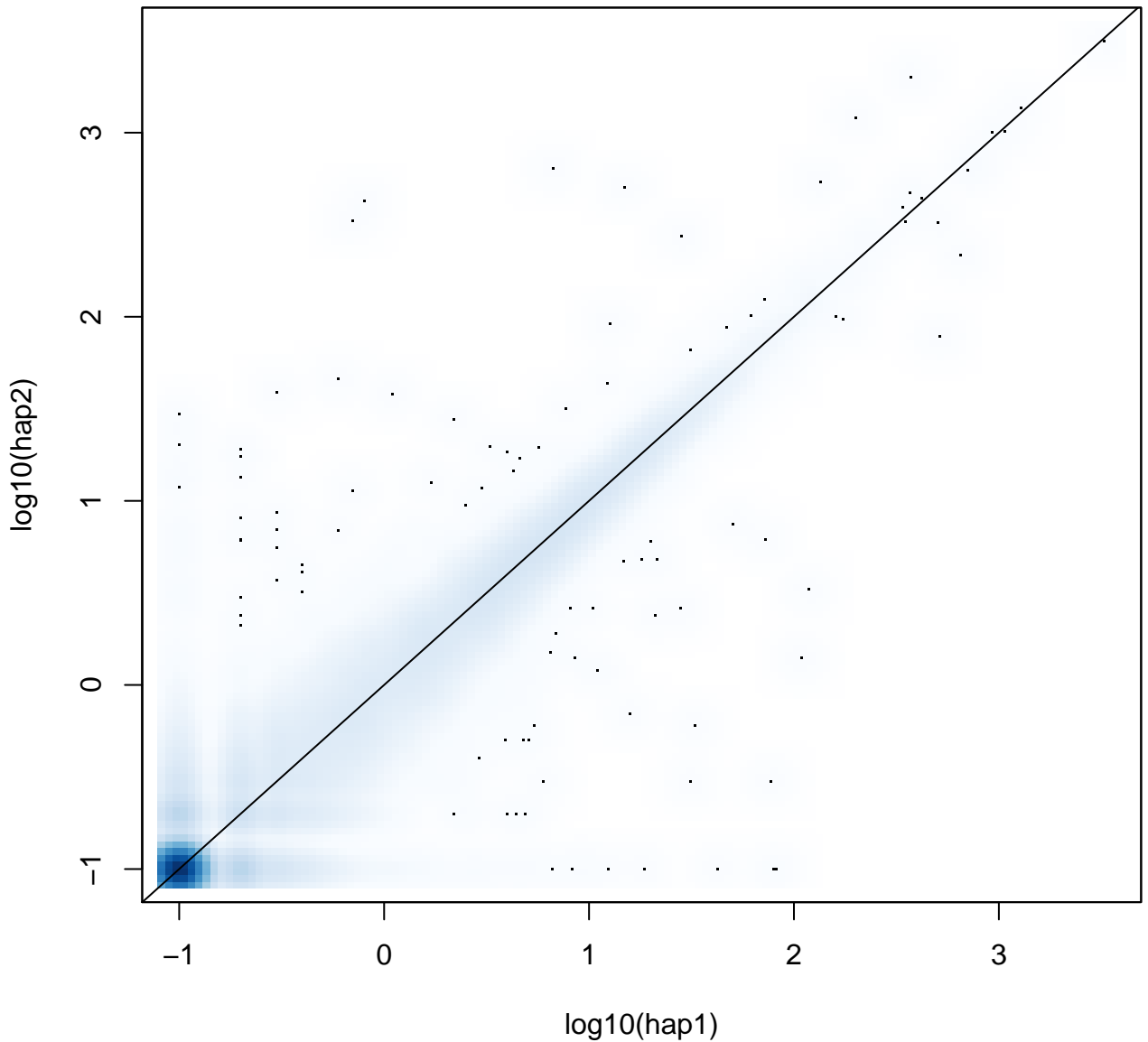
# NA20524: compare hap1 vs hap2 counts



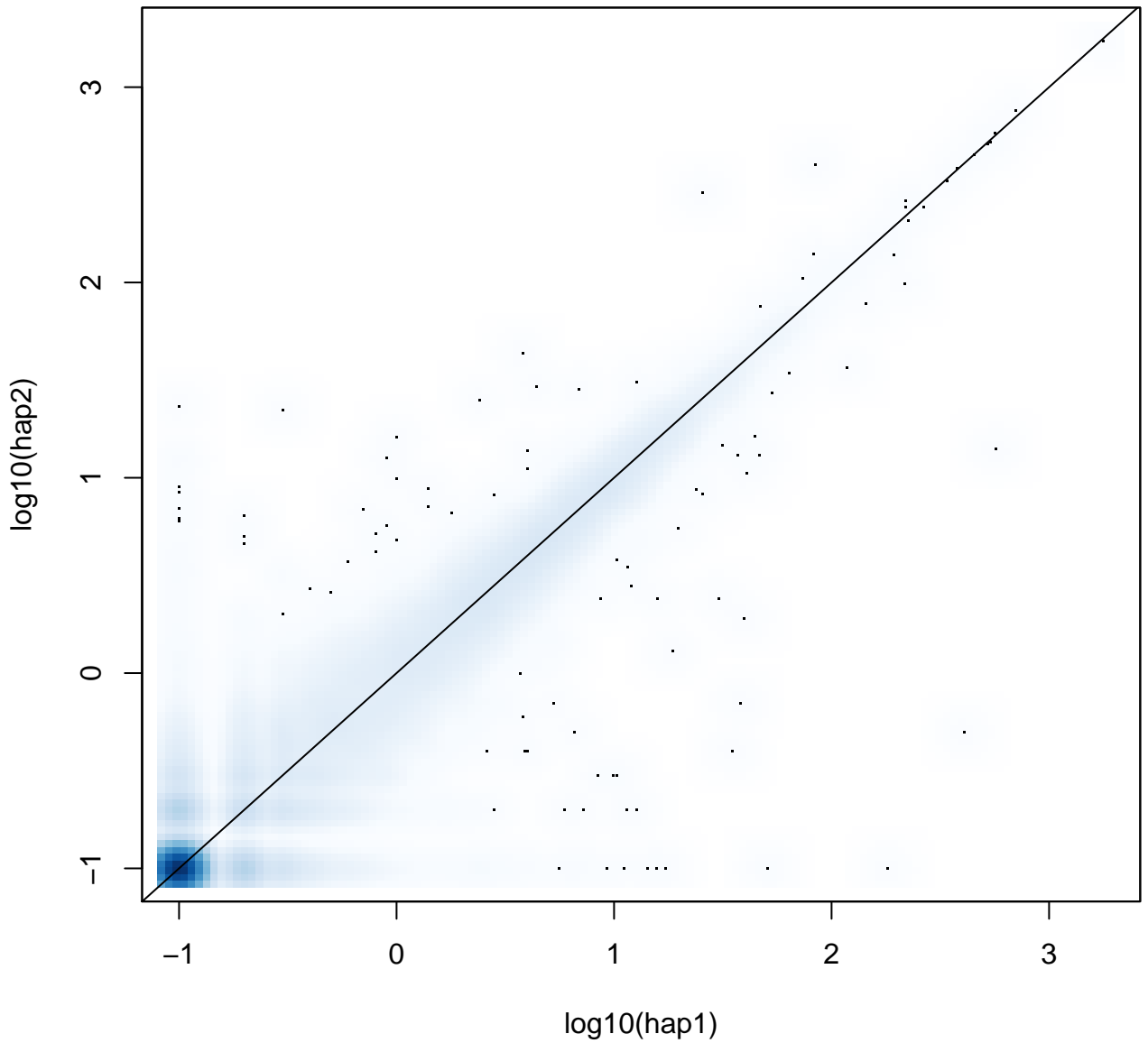
# NA20525: compare hap1 vs hap2 counts



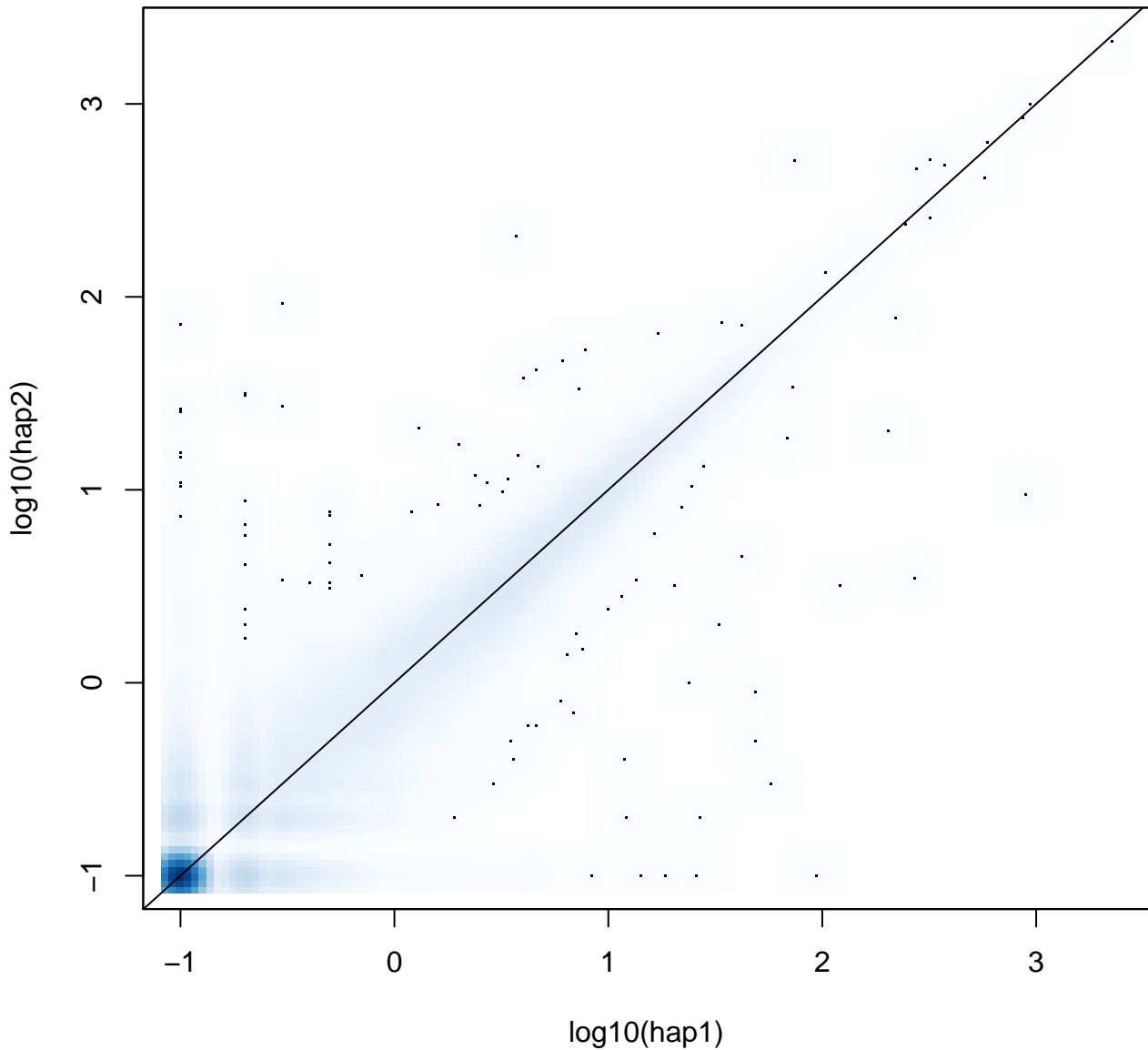
# NA20527: compare hap1 vs hap2 counts



# NA20528: compare hap1 vs hap2 counts

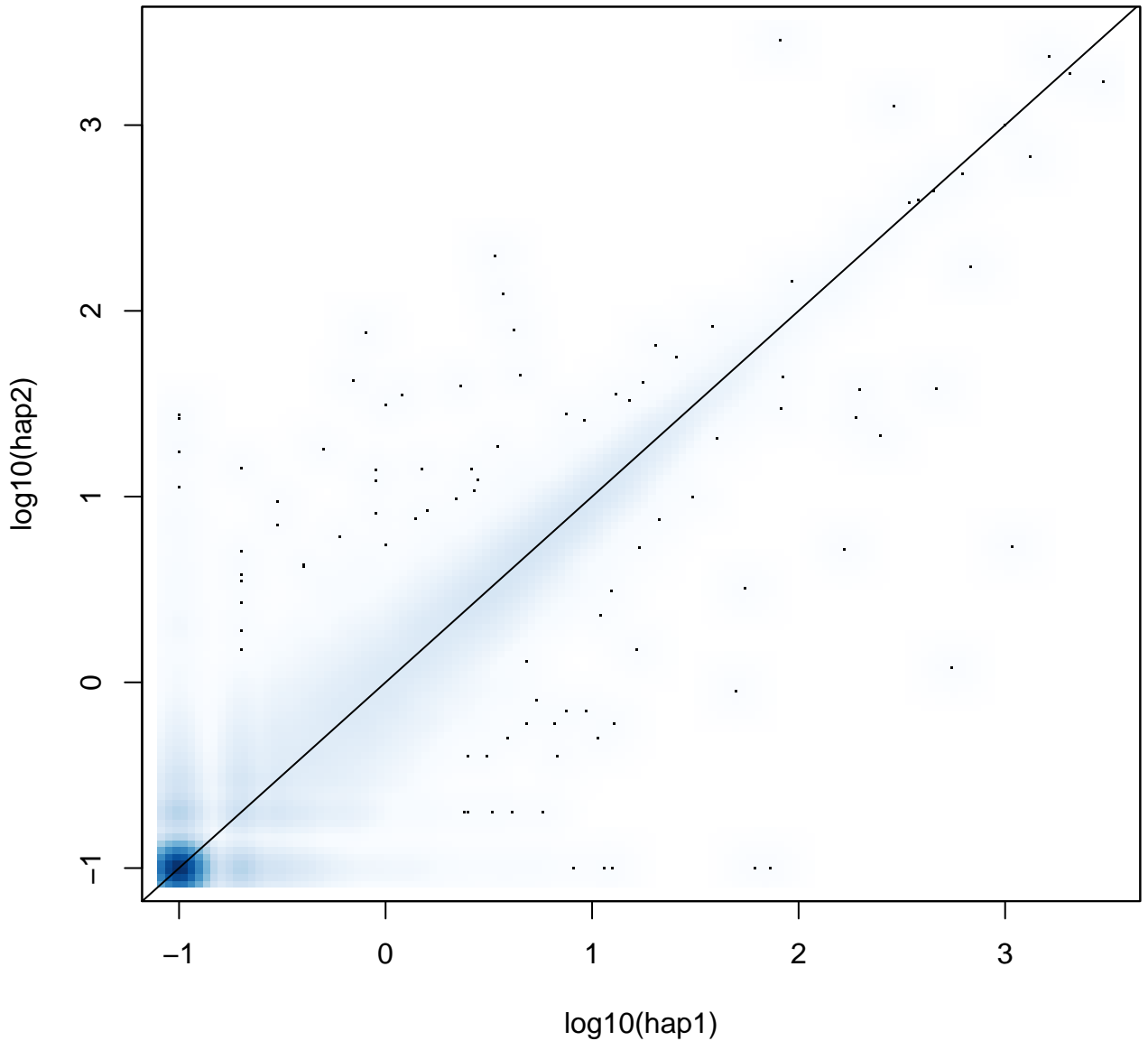


# NA20529: compare hap1 vs hap2 counts

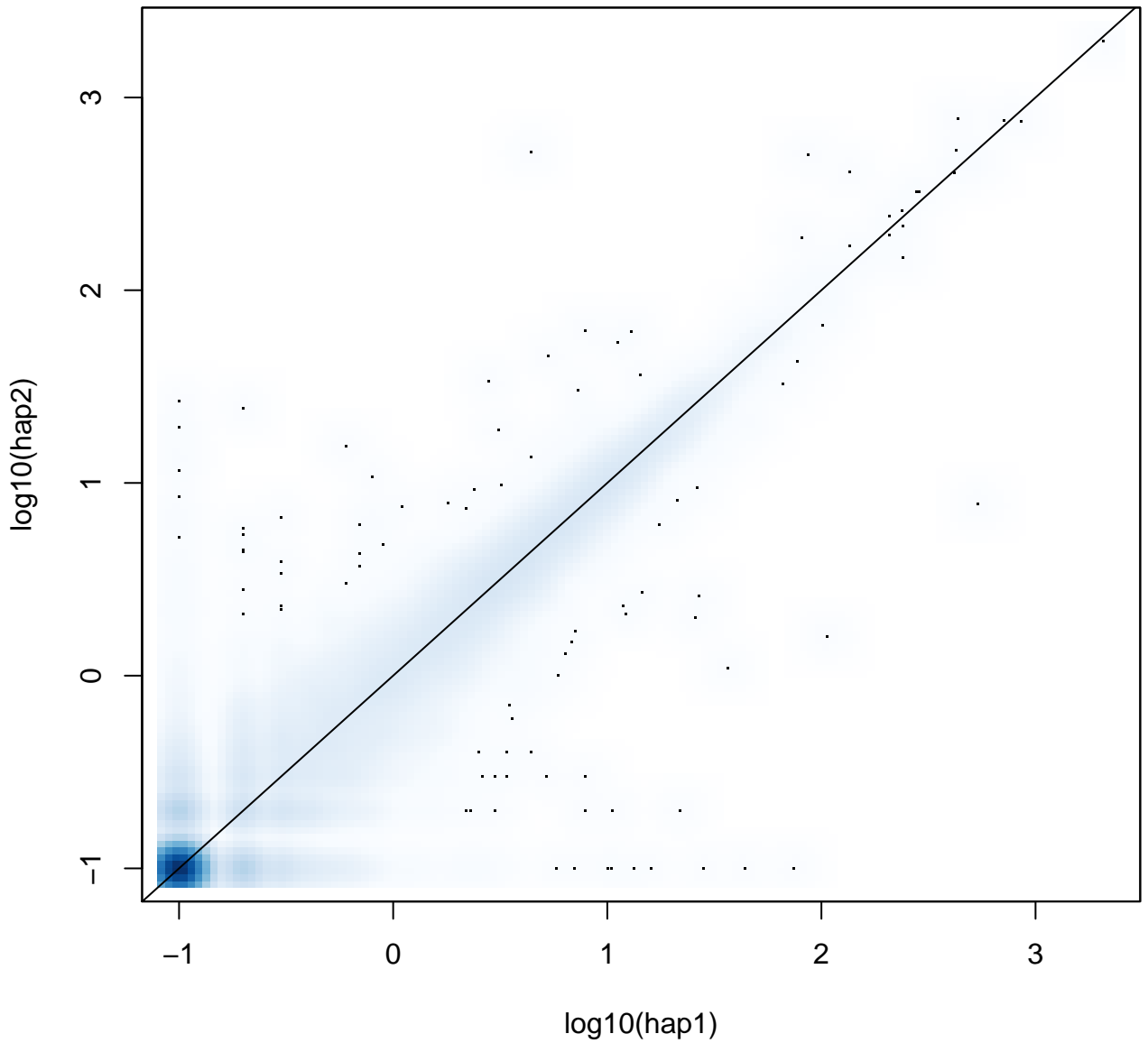




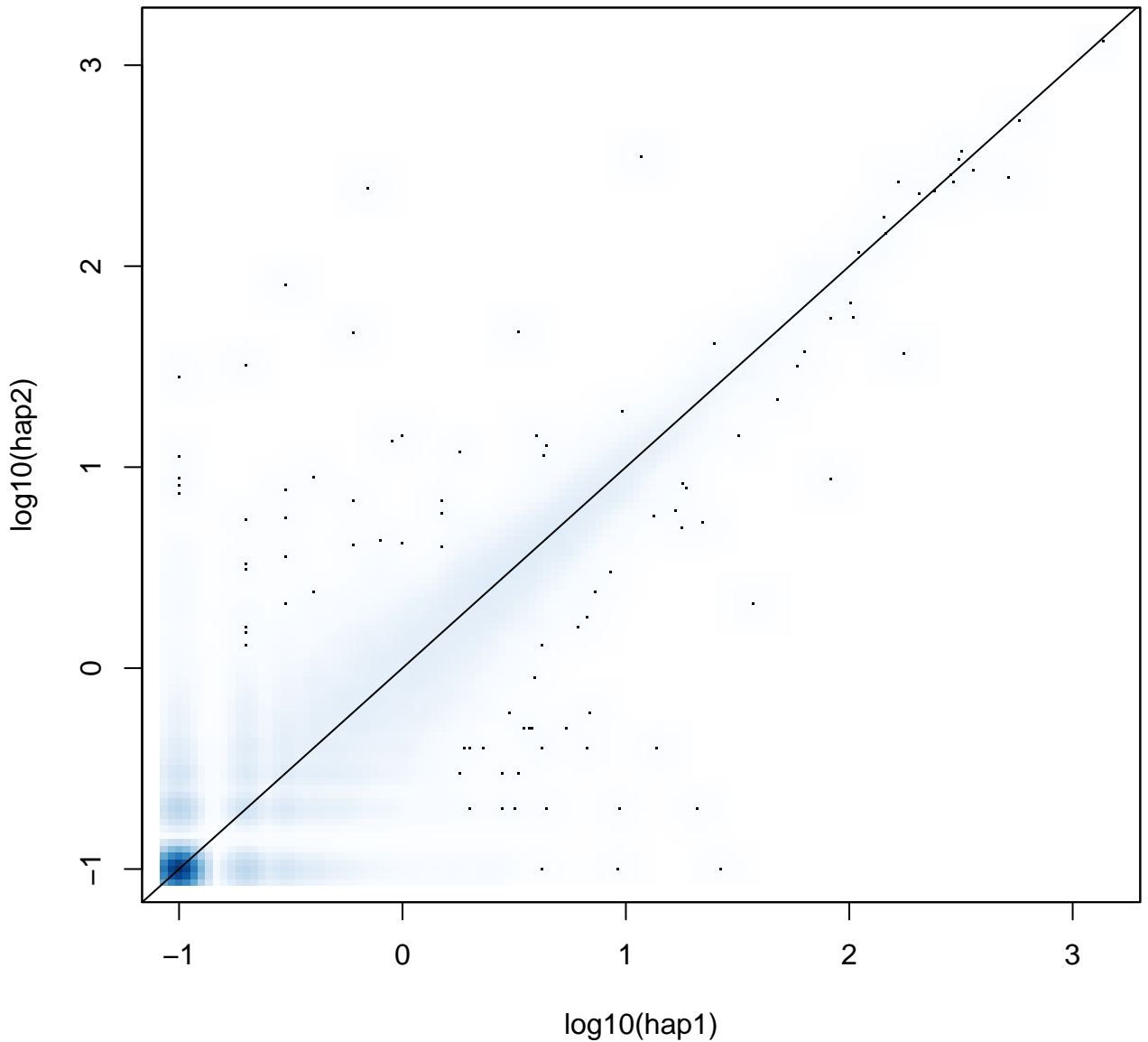
# NA20530: compare hap1 vs hap2 counts



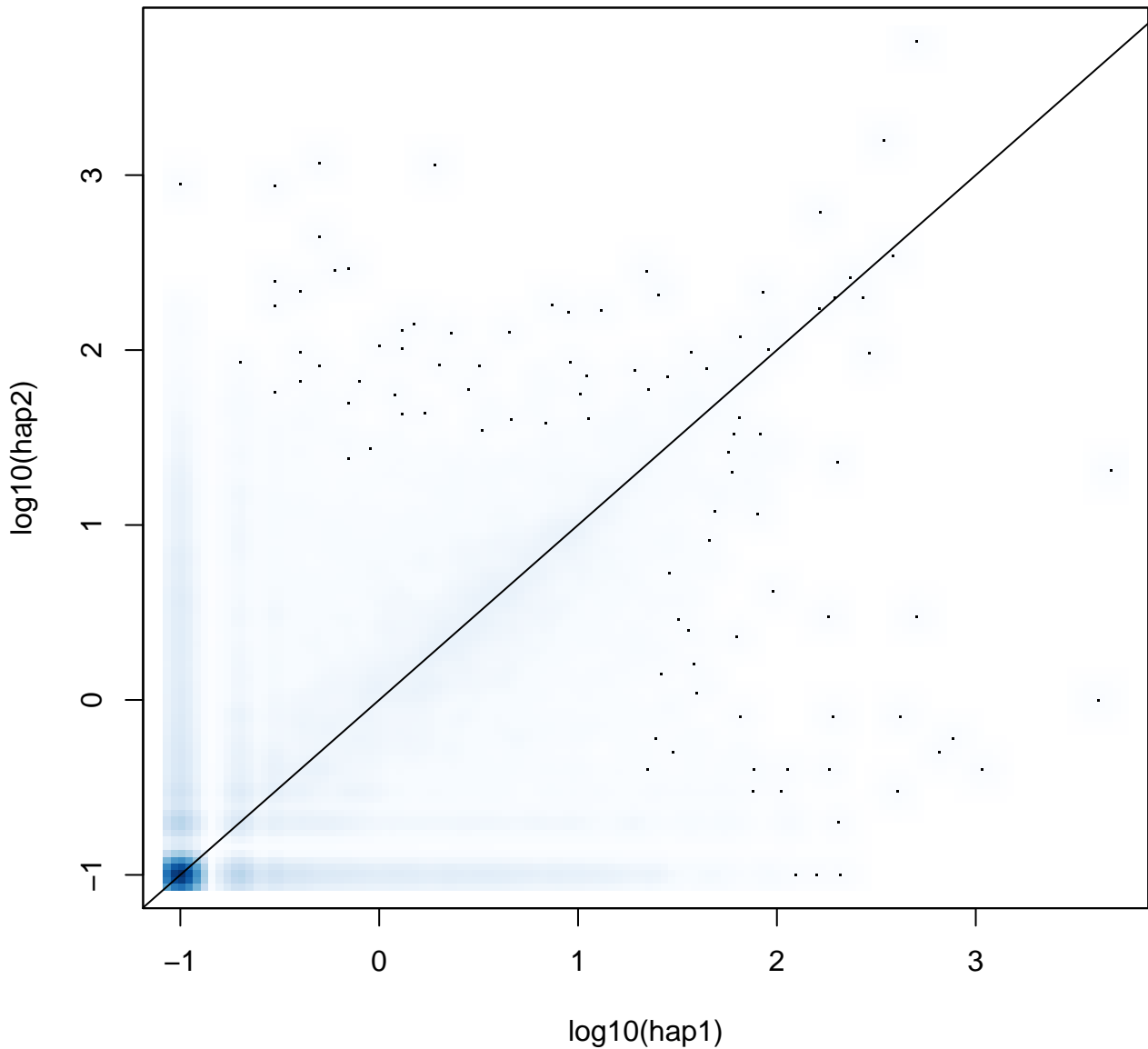
# NA20531: compare hap1 vs hap2 counts



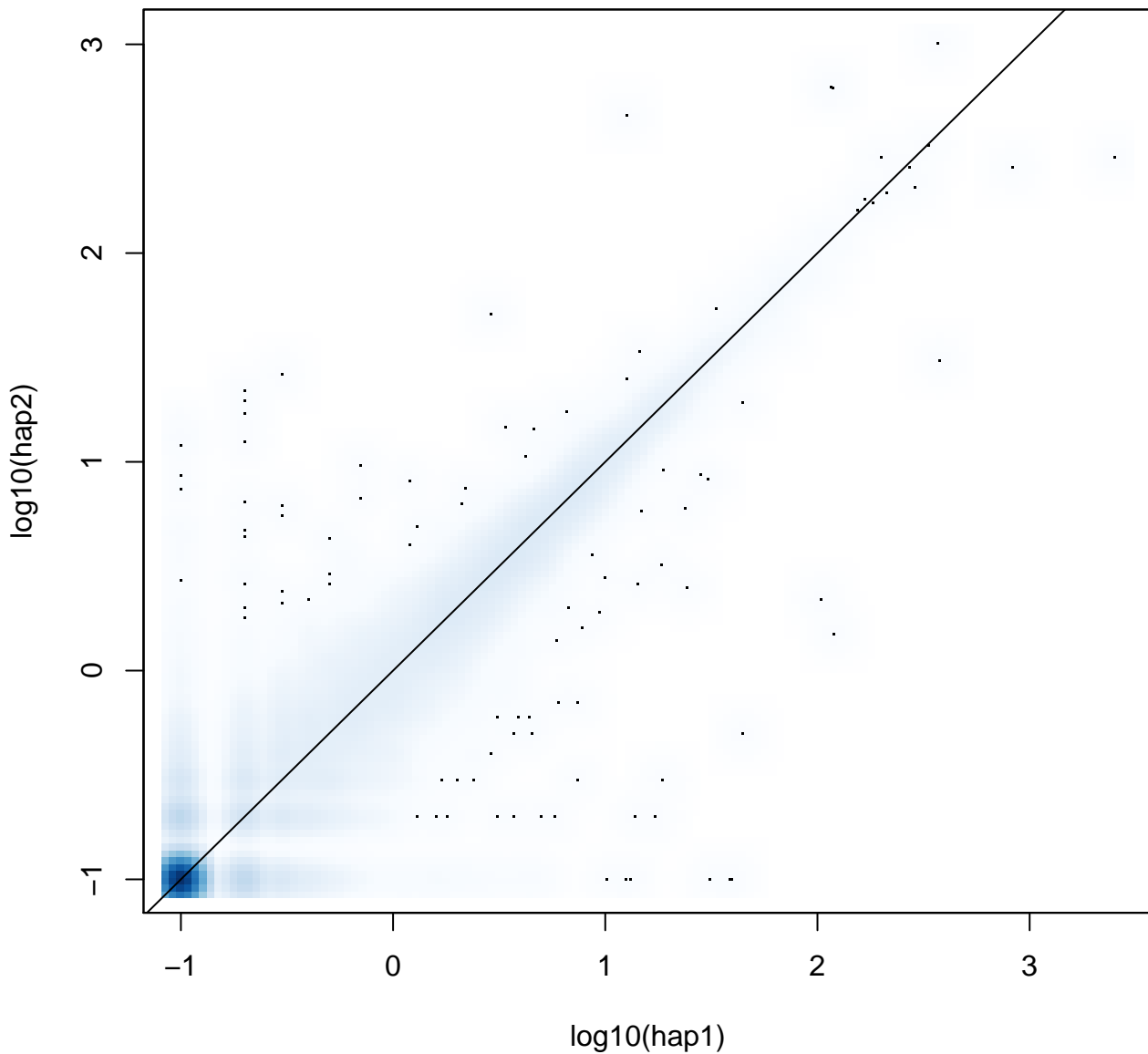
# NA20532: compare hap1 vs hap2 counts



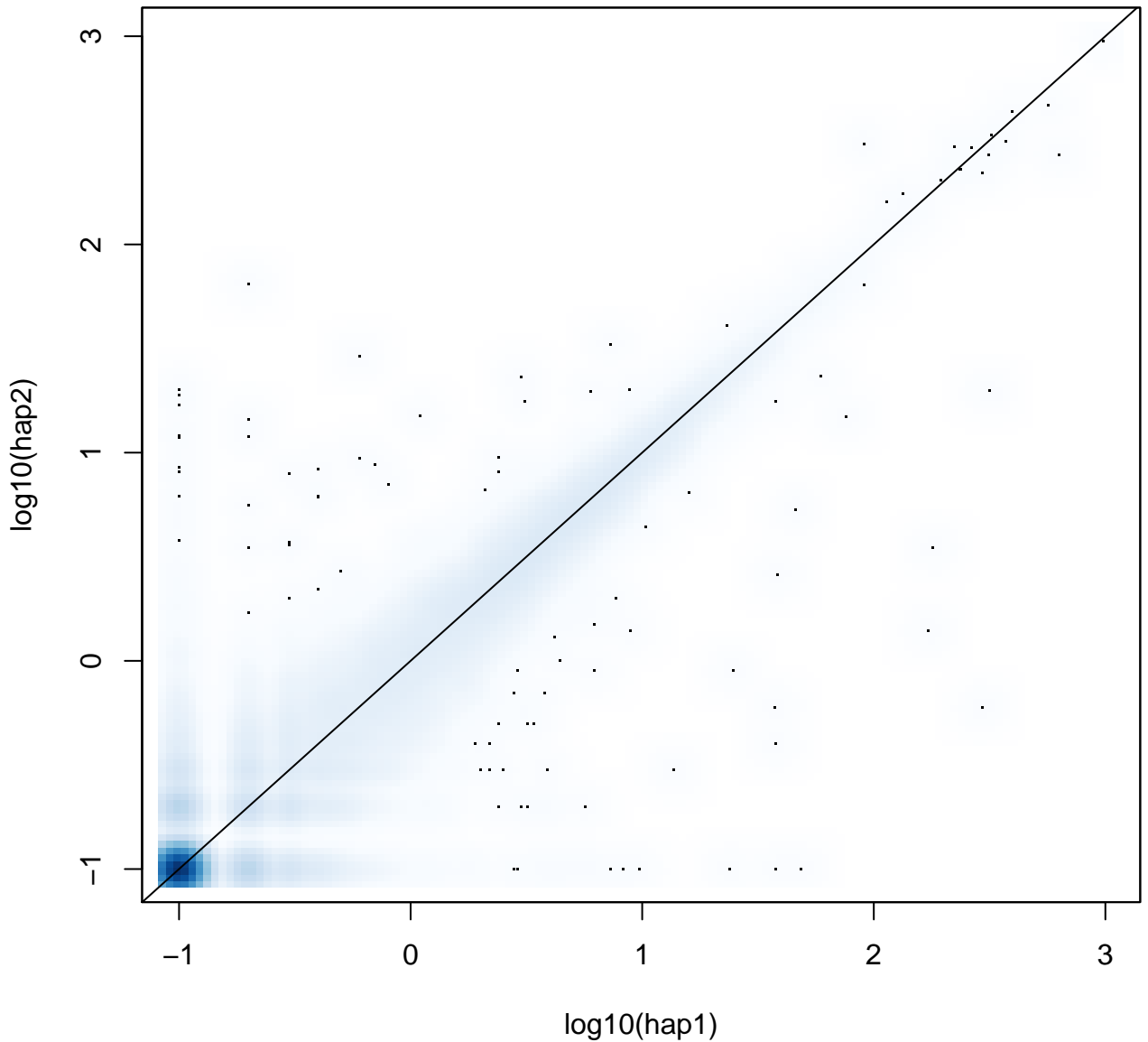
# NA20534: compare hap1 vs hap2 counts



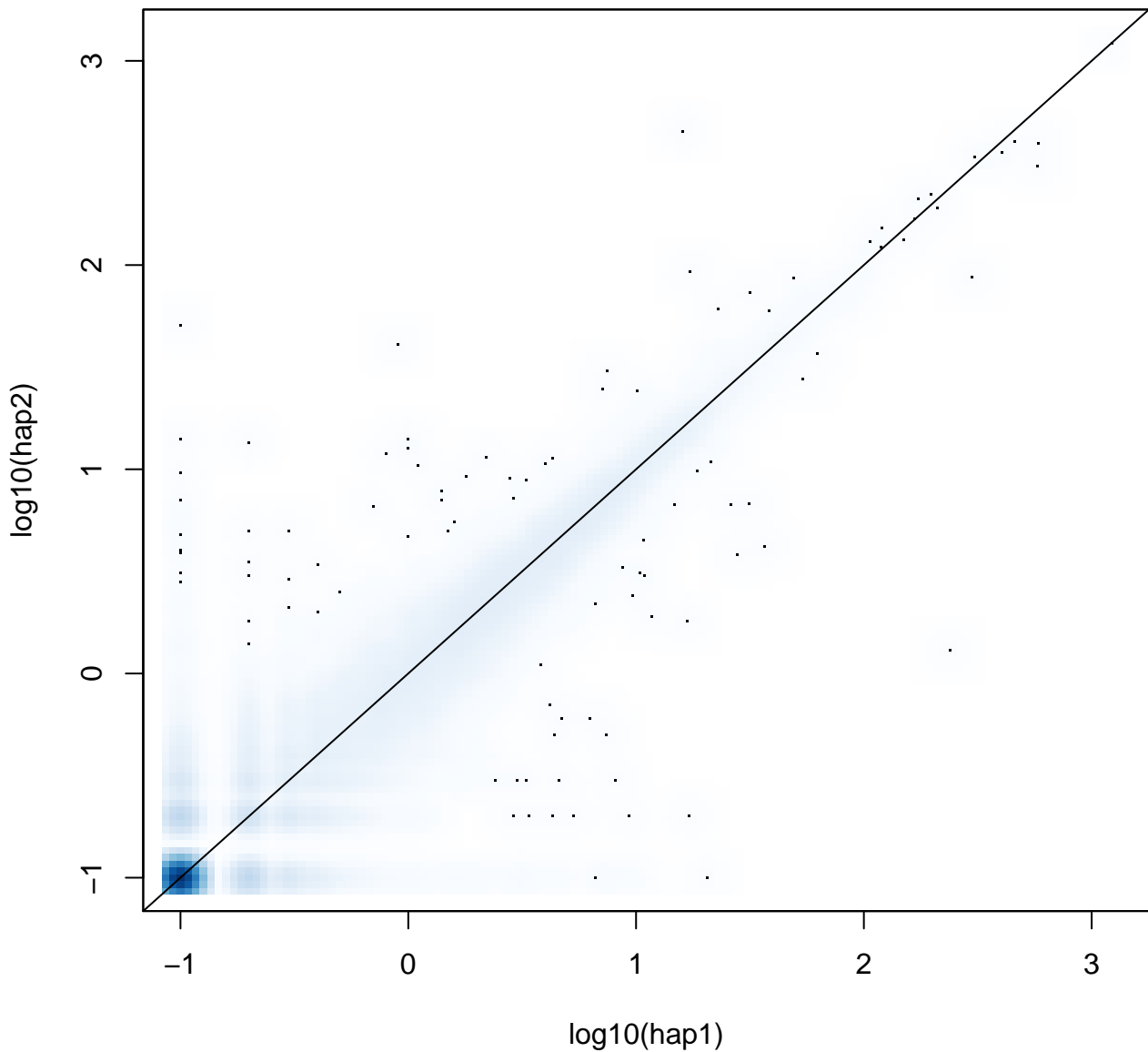
# NA20535: compare hap1 vs hap2 counts



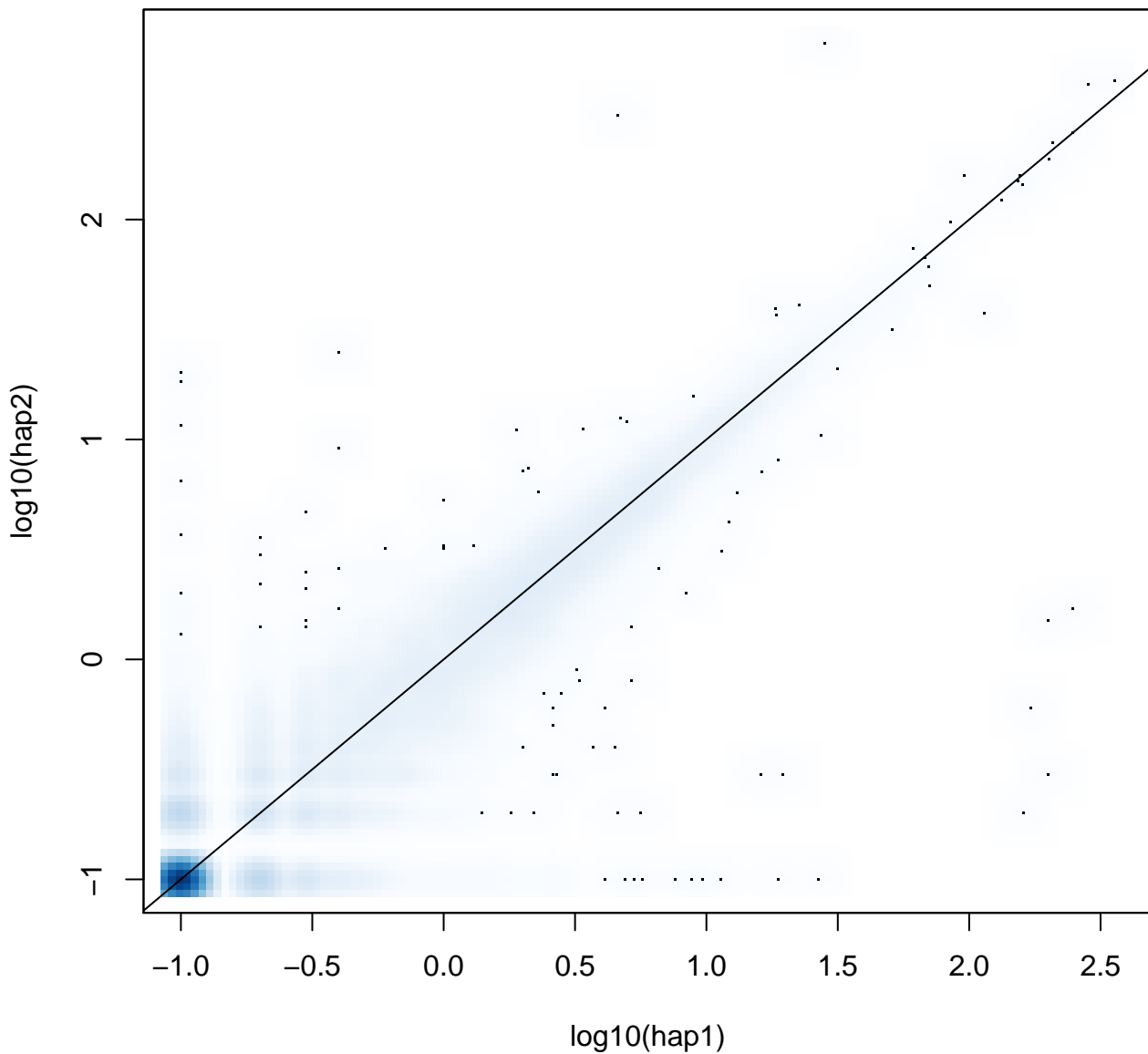
# NA20536: compare hap1 vs hap2 counts



# NA20537: compare hap1 vs hap2 counts

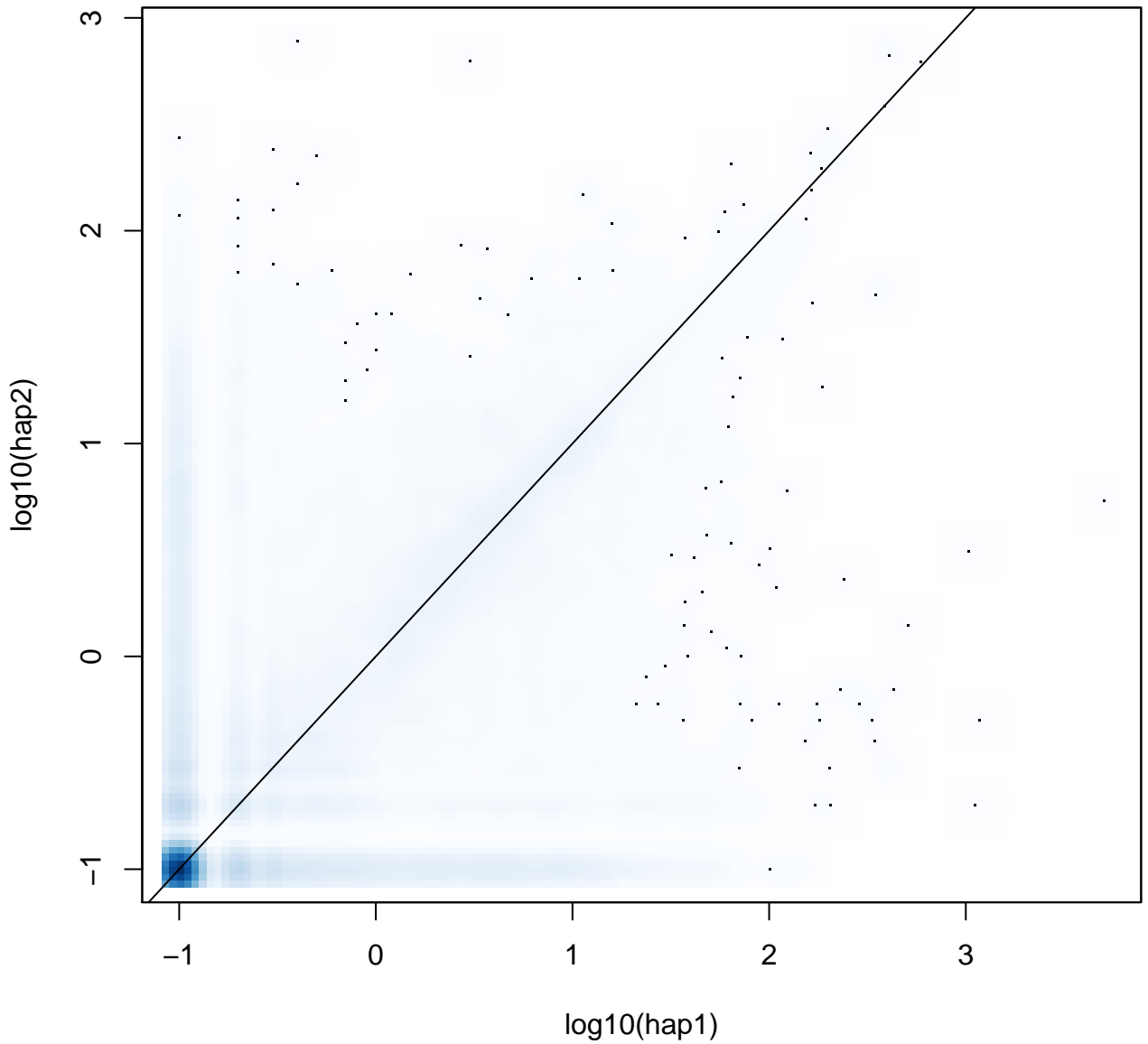


# NA20538: compare hap1 vs hap2 counts

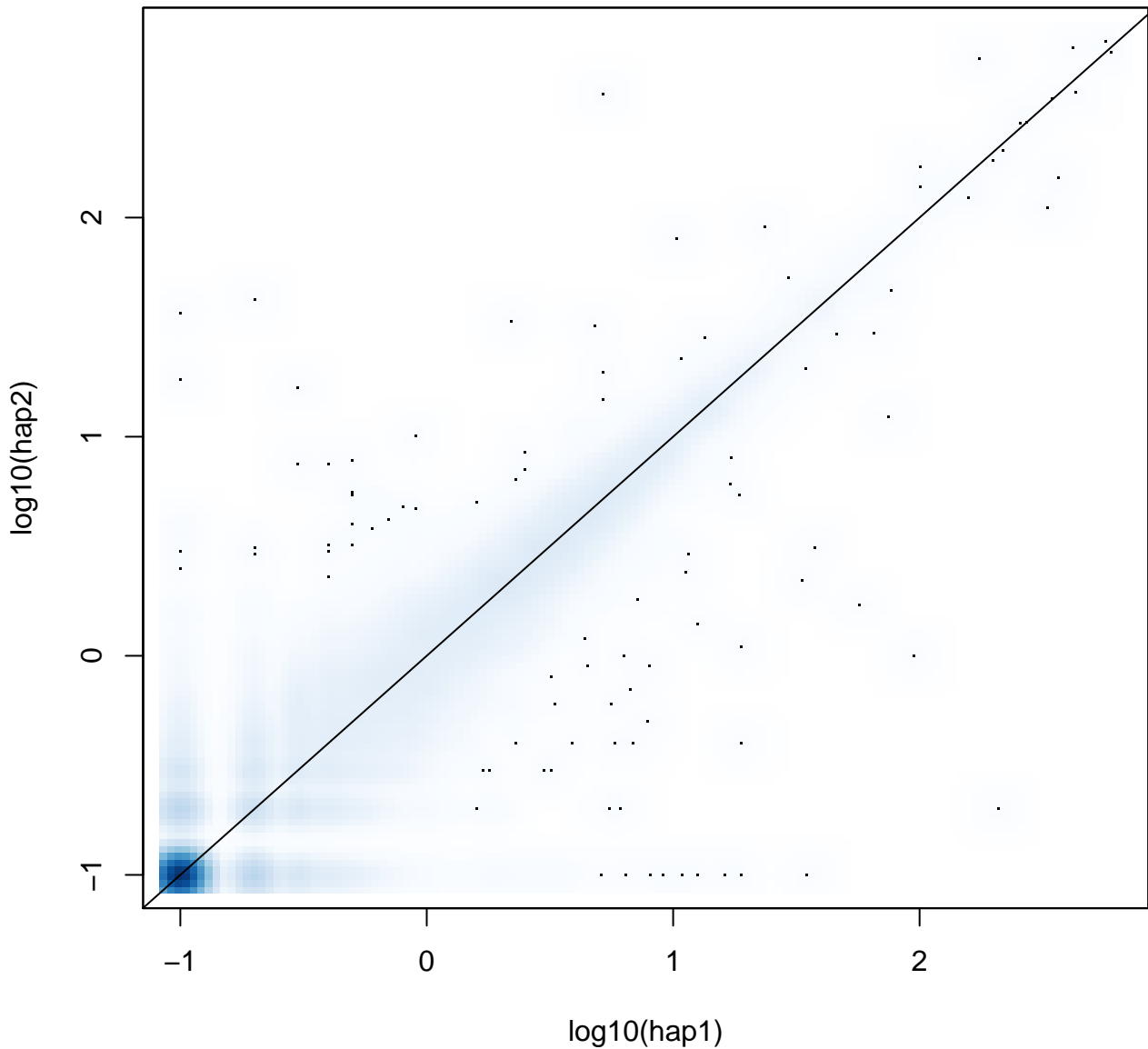




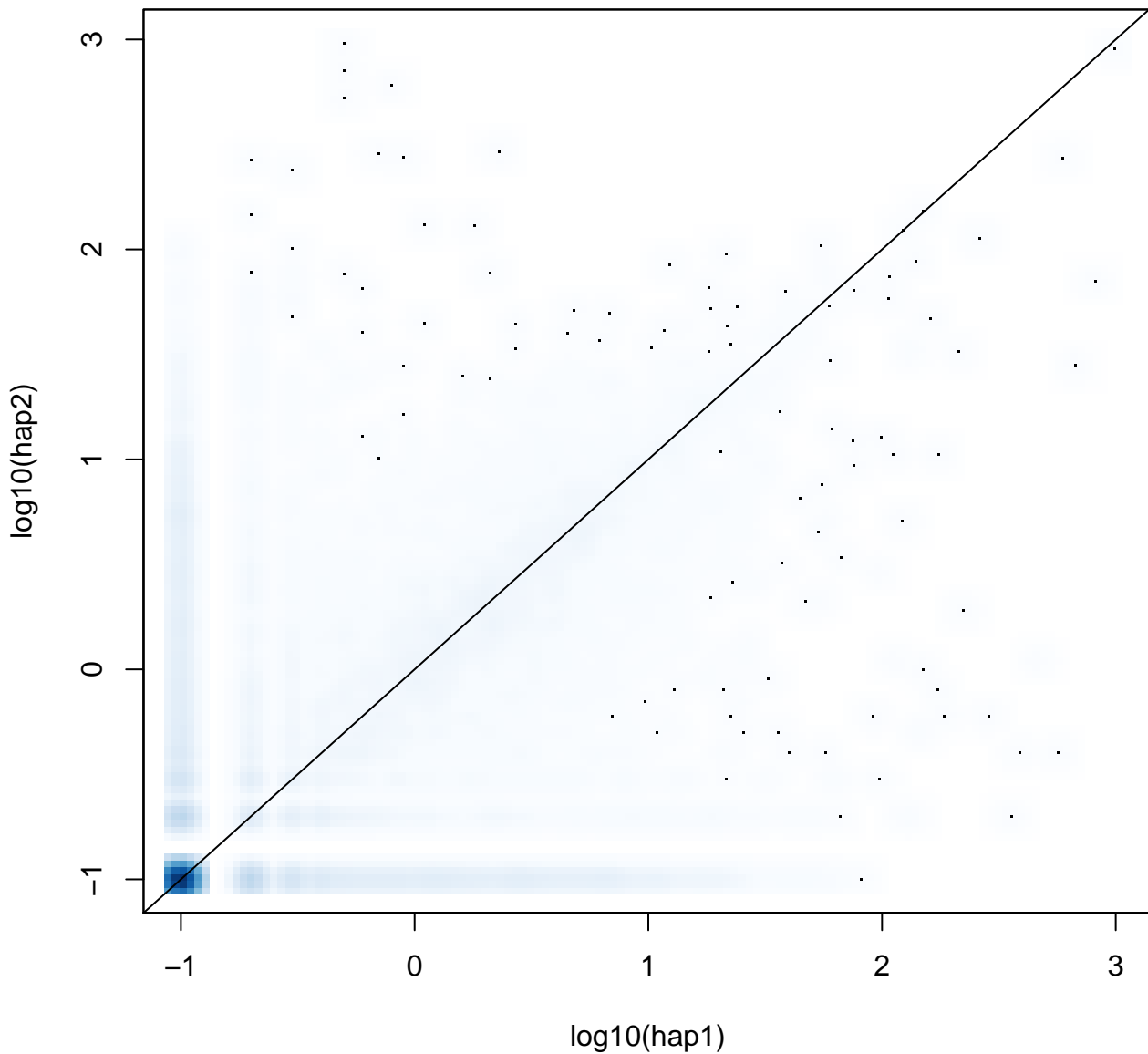
# NA20539: compare hap1 vs hap2 counts



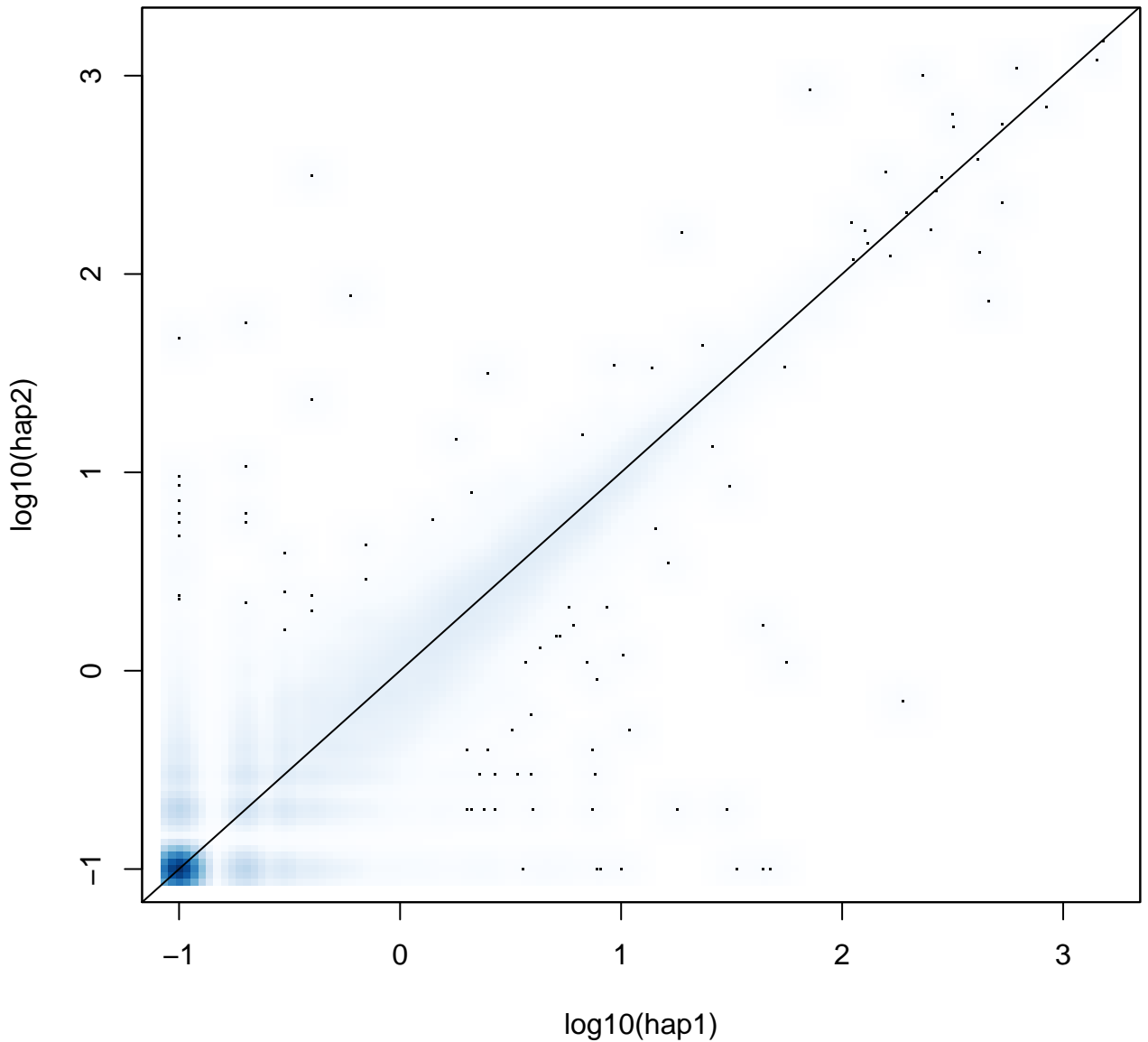
# NA20540: compare hap1 vs hap2 counts



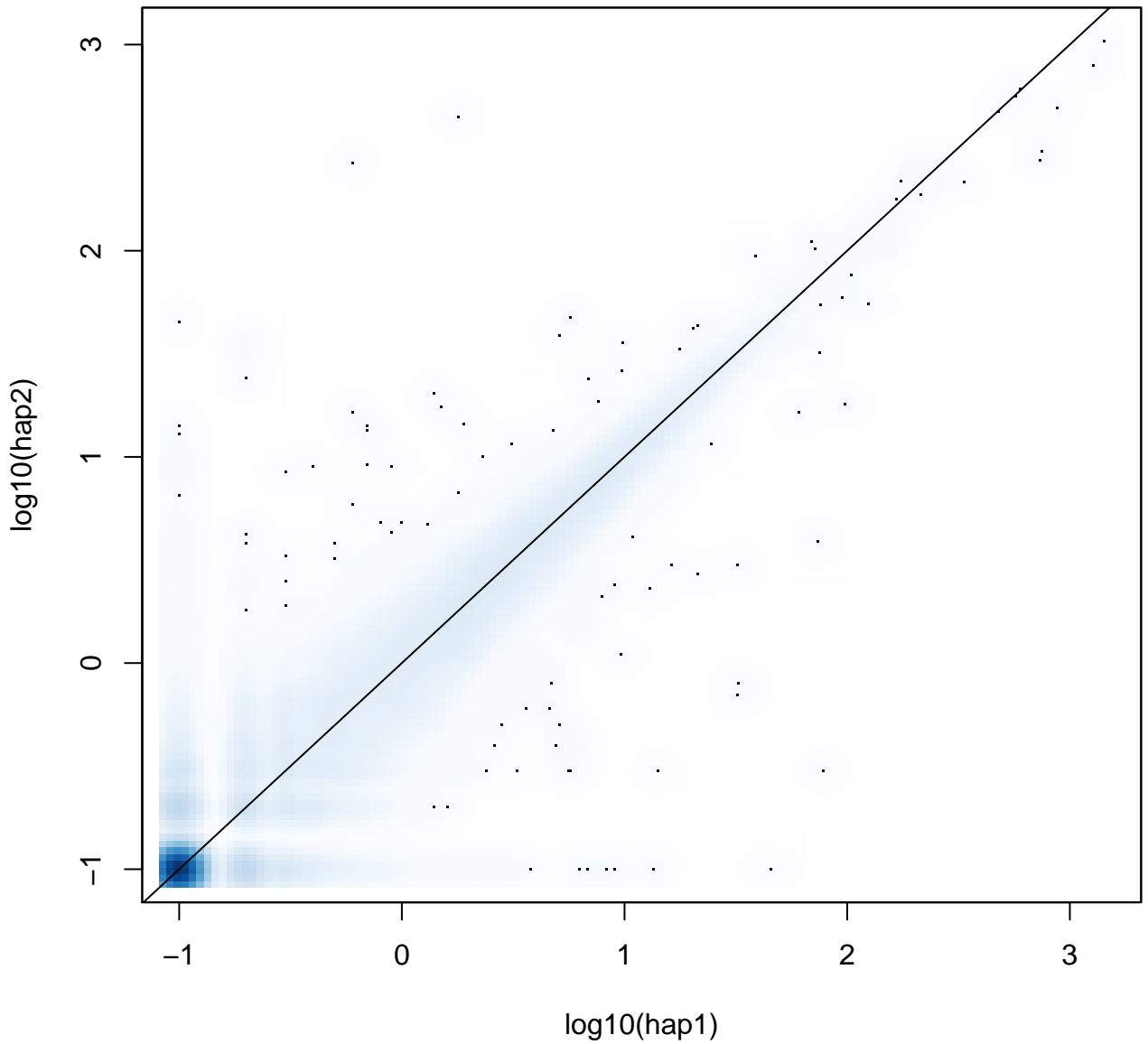
# NA20541: compare hap1 vs hap2 counts



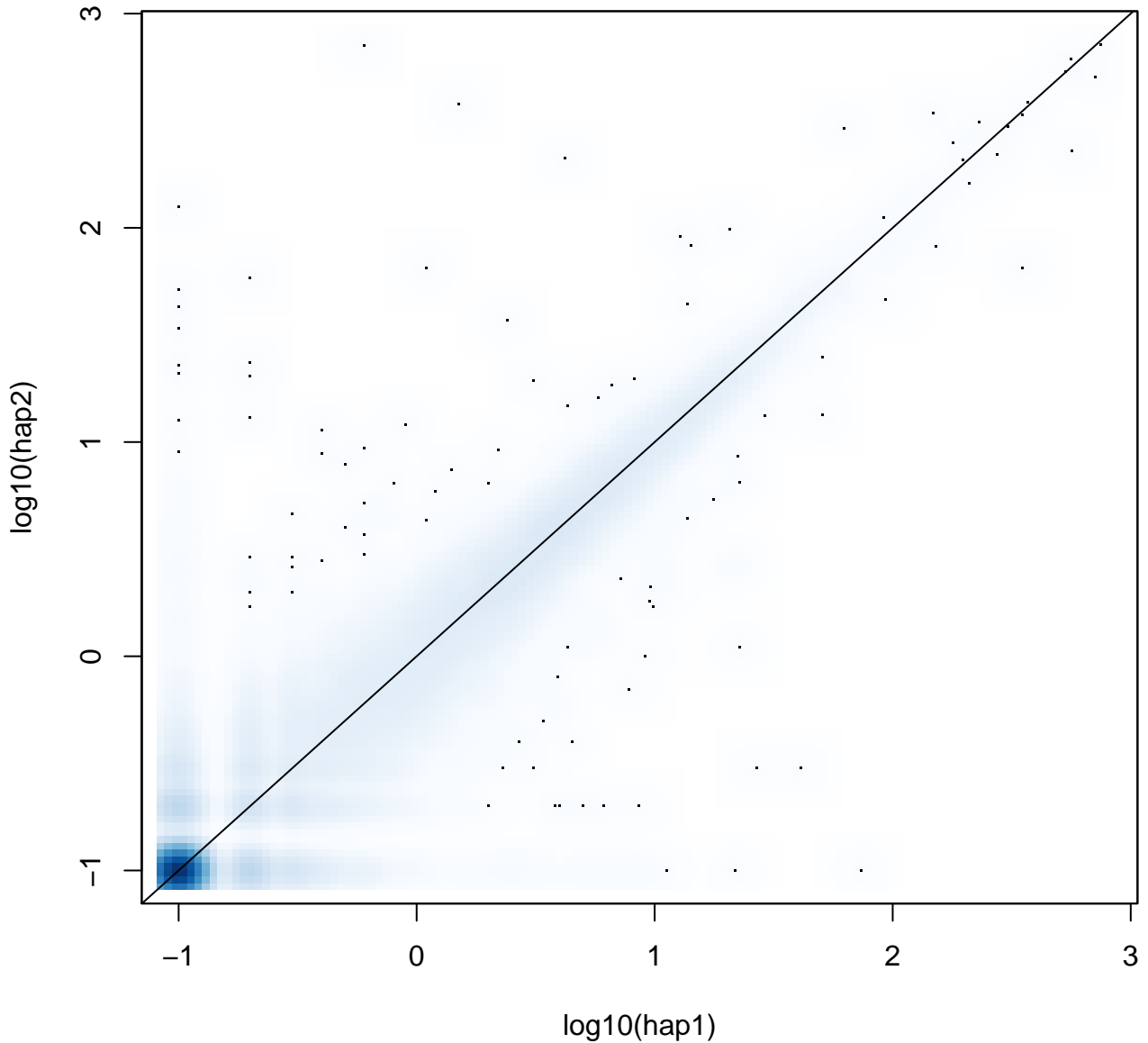
# NA20542: compare hap1 vs hap2 counts



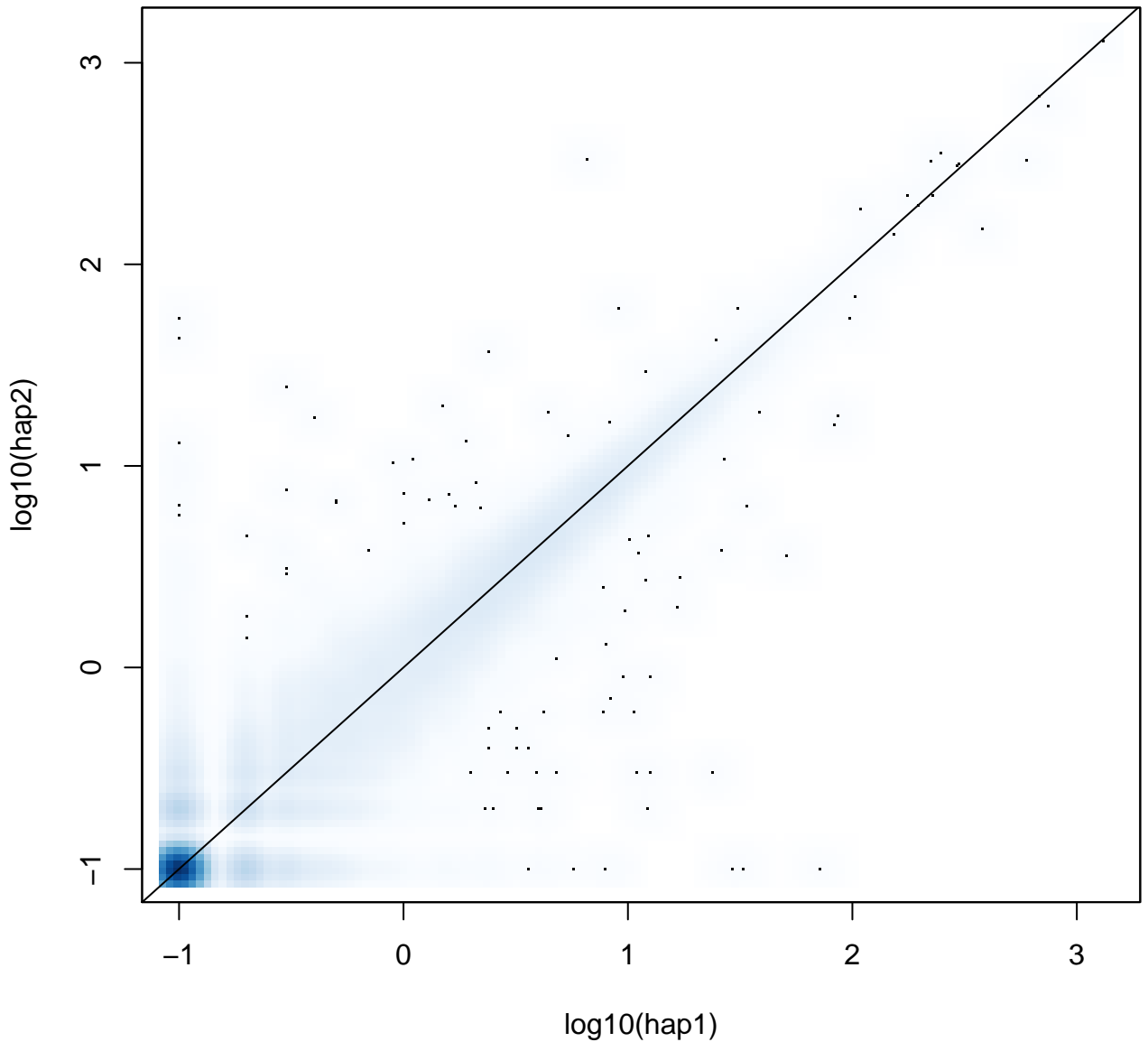
# NA20543: compare hap1 vs hap2 counts



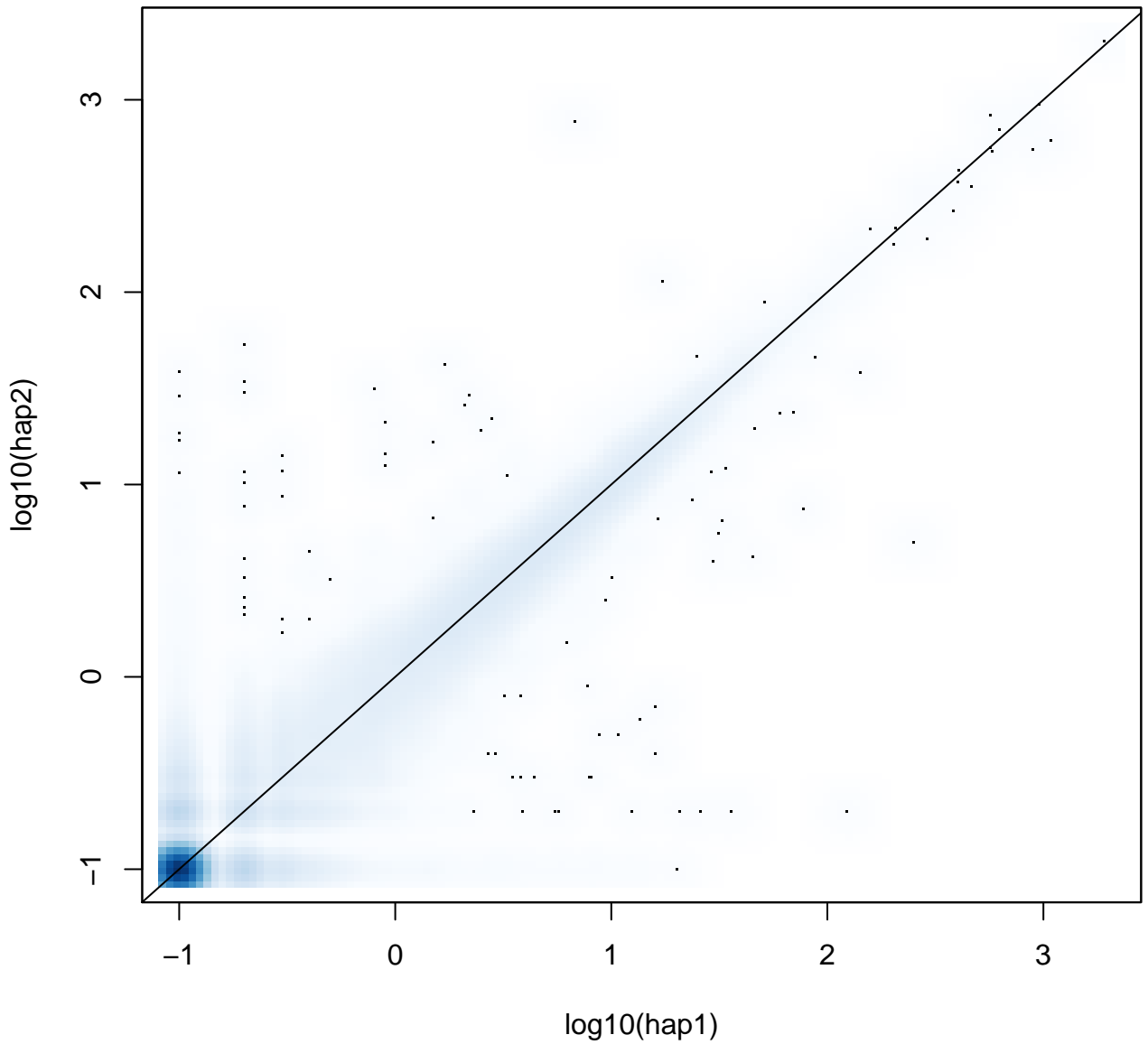
# NA20544: compare hap1 vs hap2 counts



# NA20581: compare hap1 vs hap2 counts

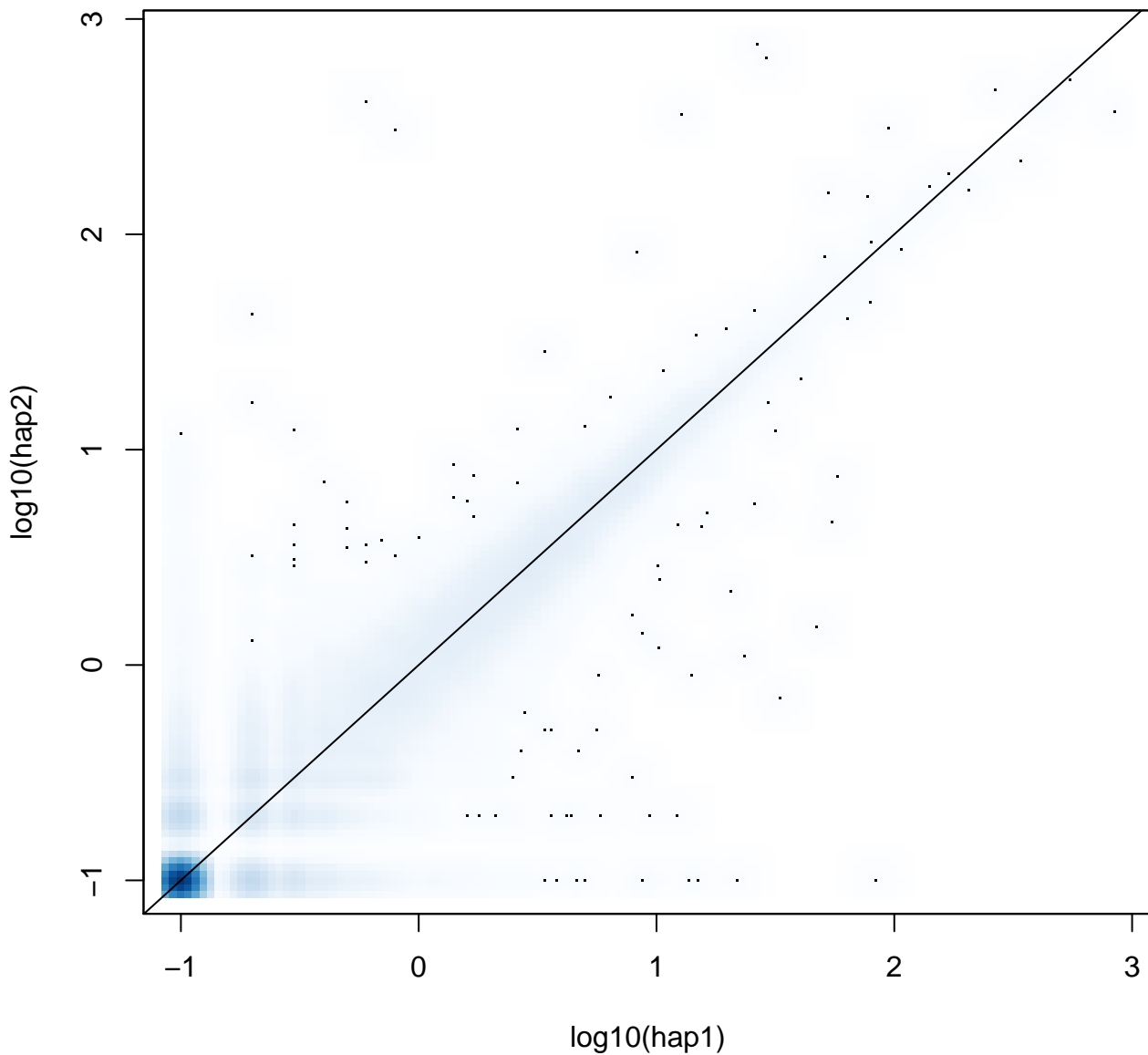


# NA20582: compare hap1 vs hap2 counts

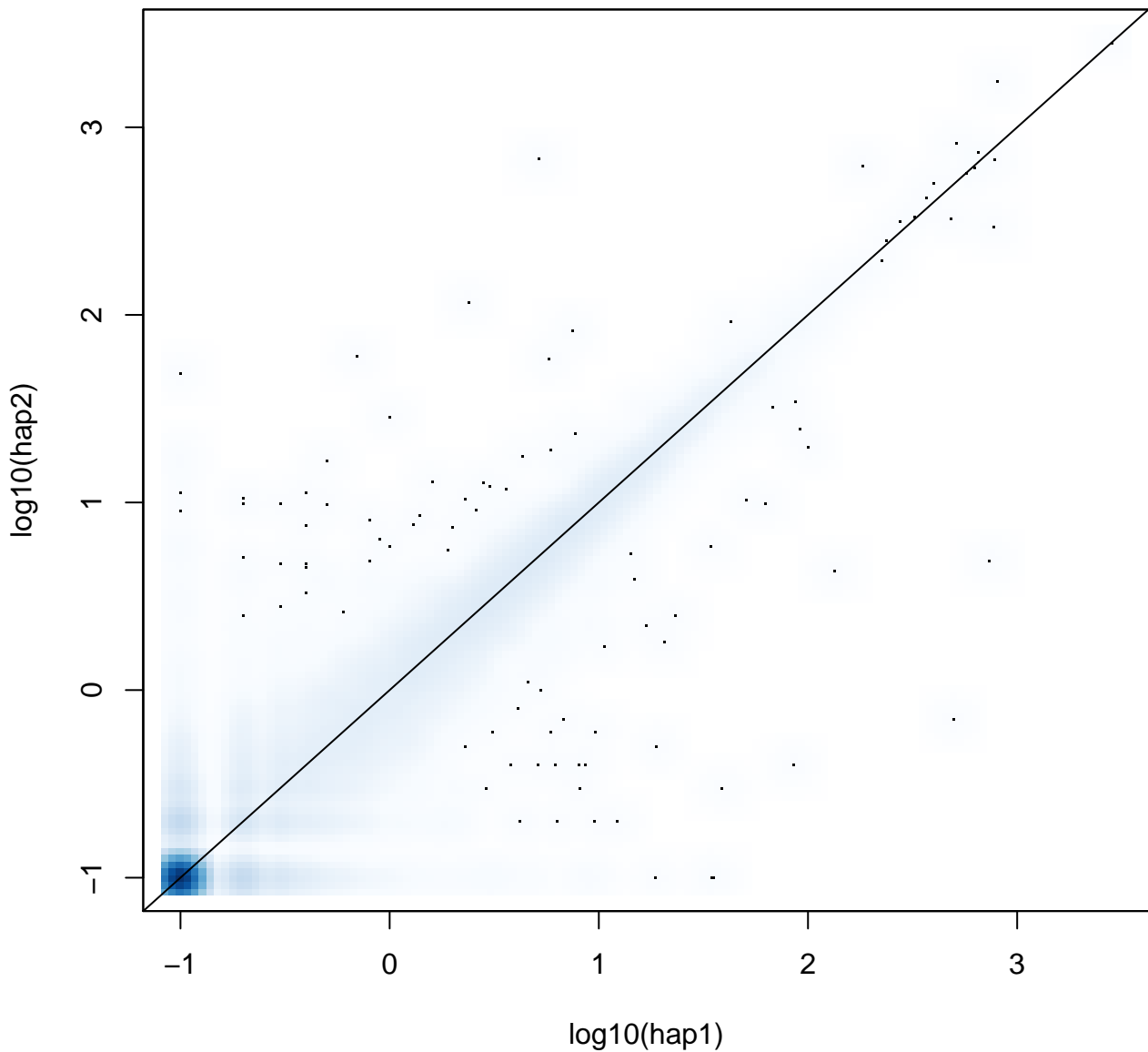




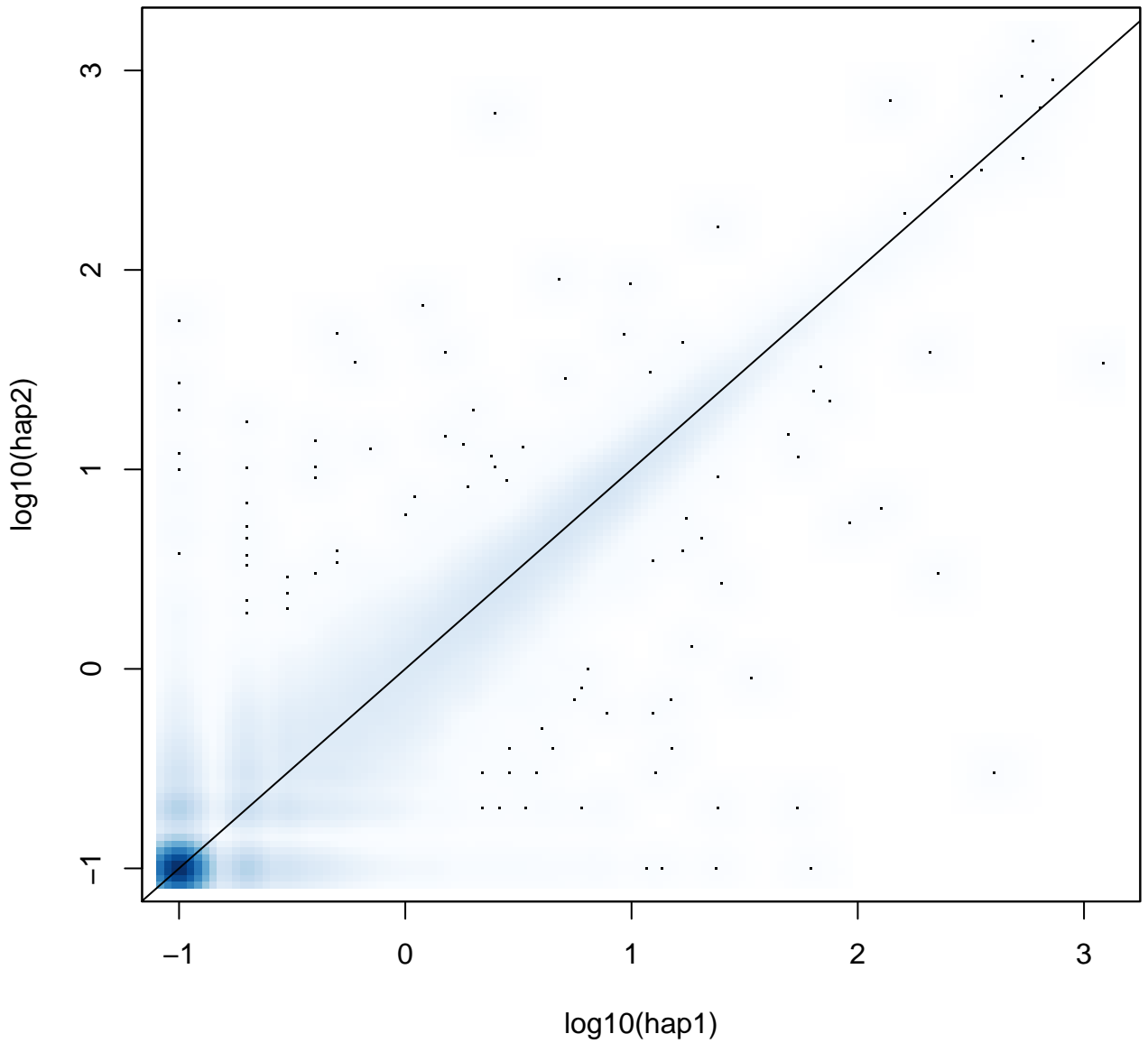
# NA20585: compare hap1 vs hap2 counts



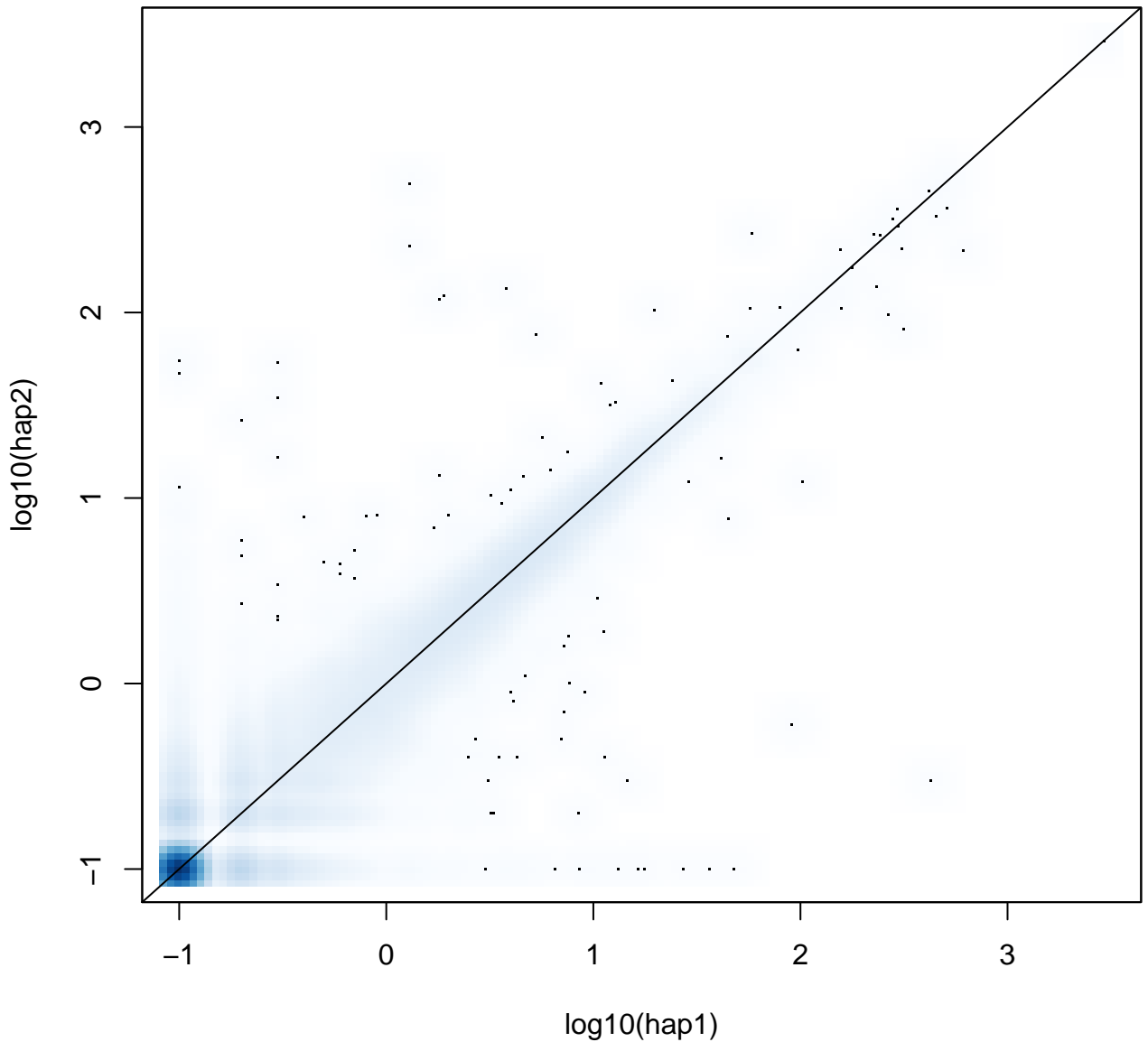
# NA20586: compare hap1 vs hap2 counts



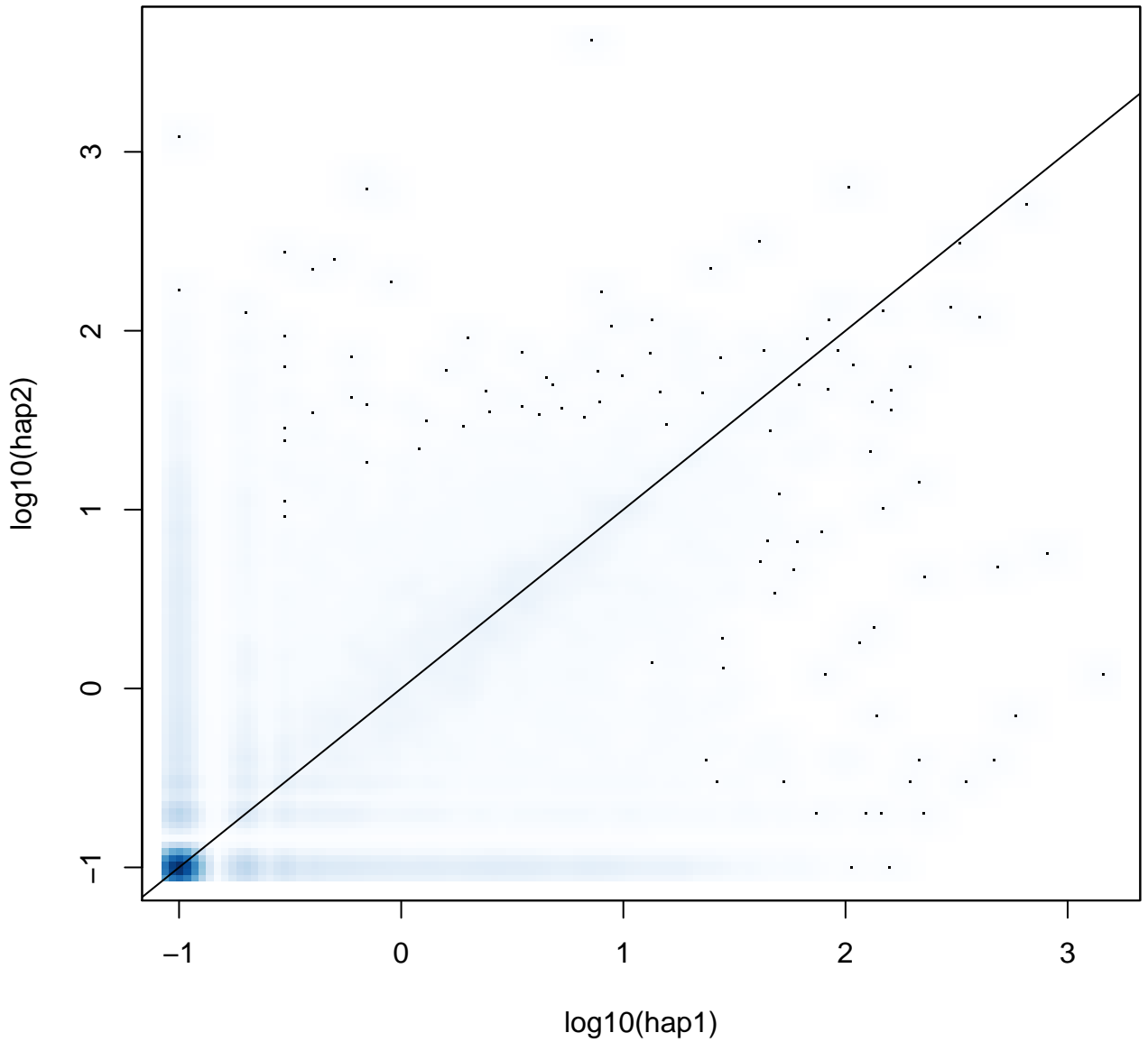
# NA20588: compare hap1 vs hap2 counts



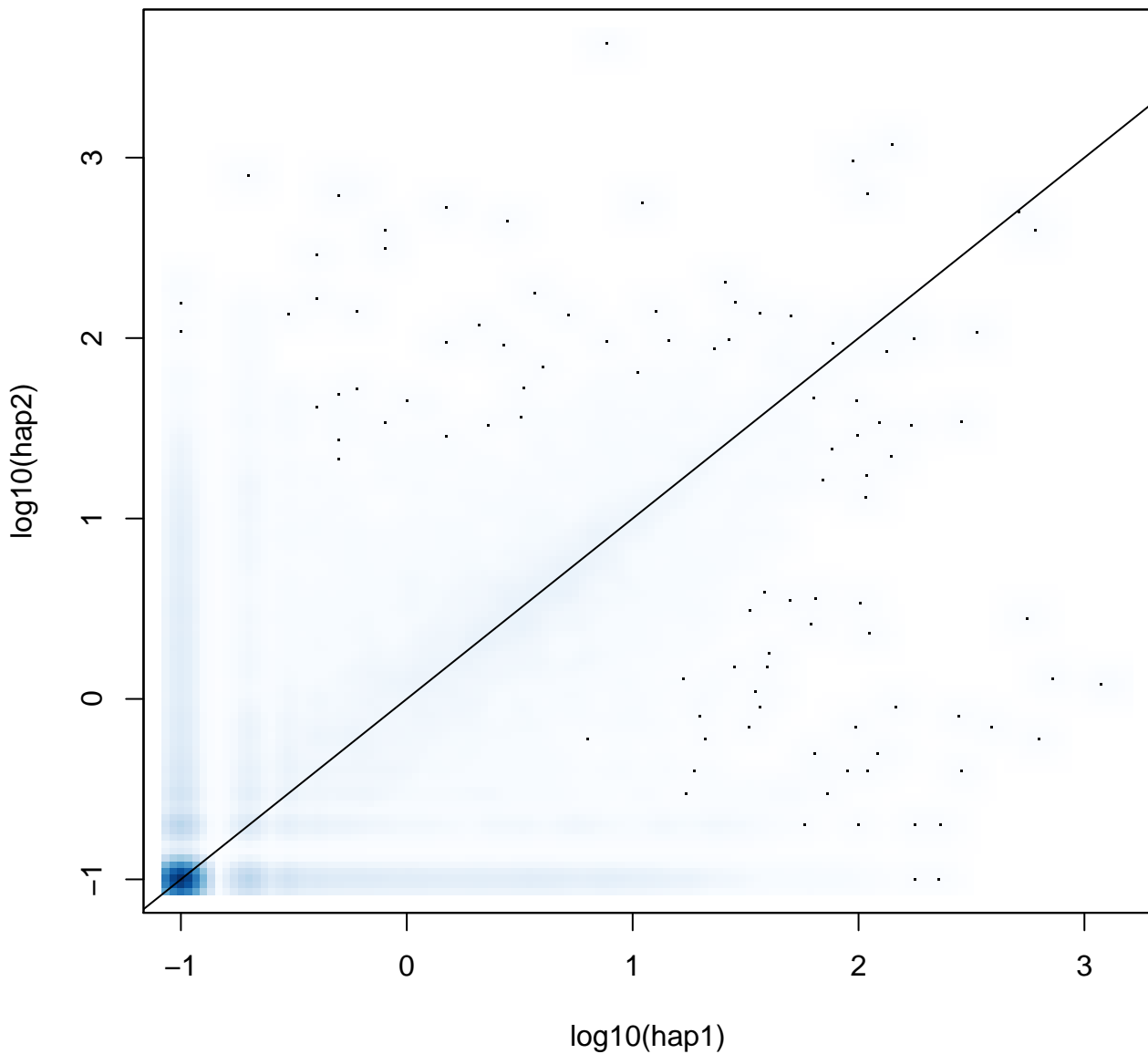
# NA20589: compare hap1 vs hap2 counts



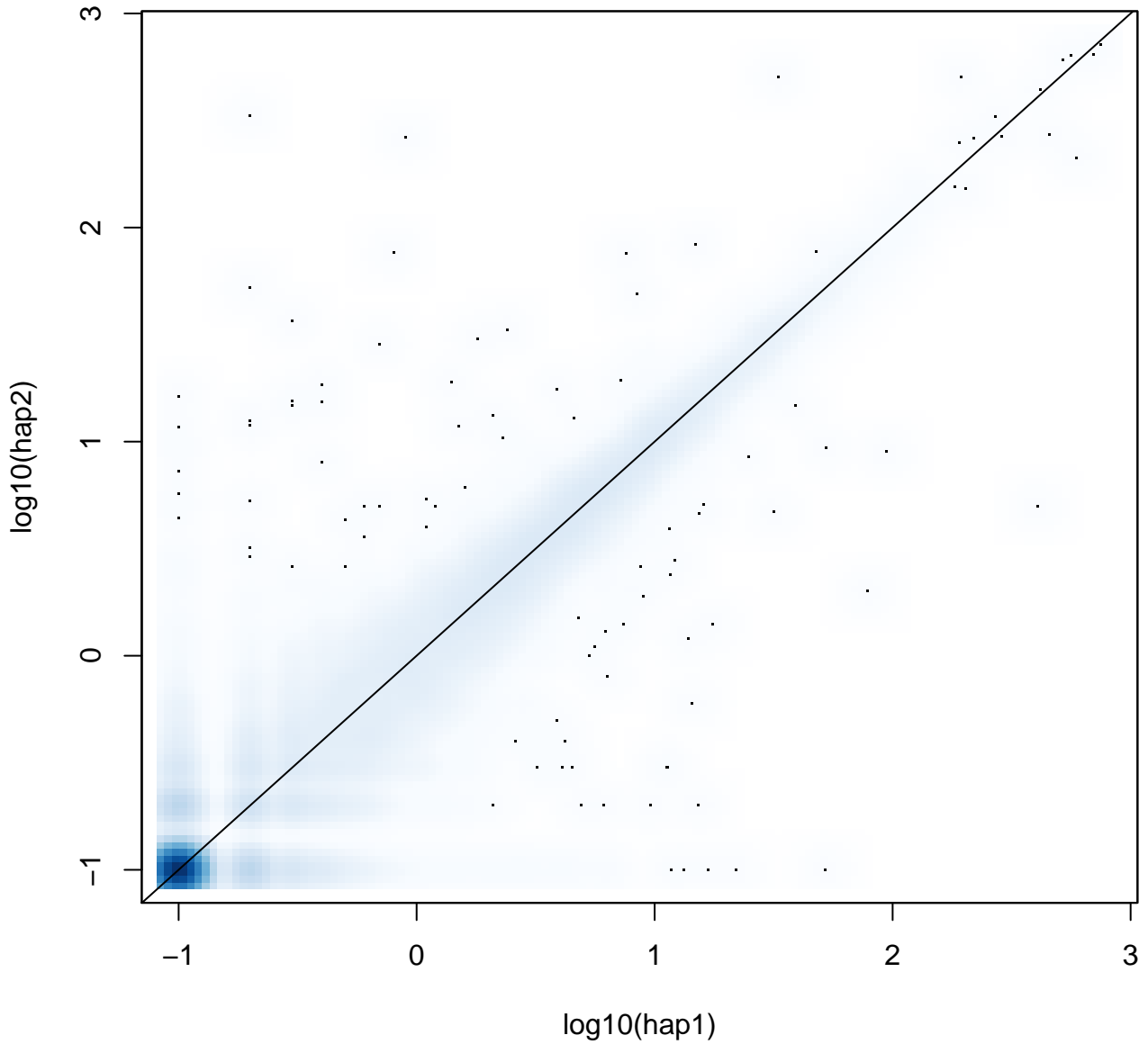
# NA20752: compare hap1 vs hap2 counts



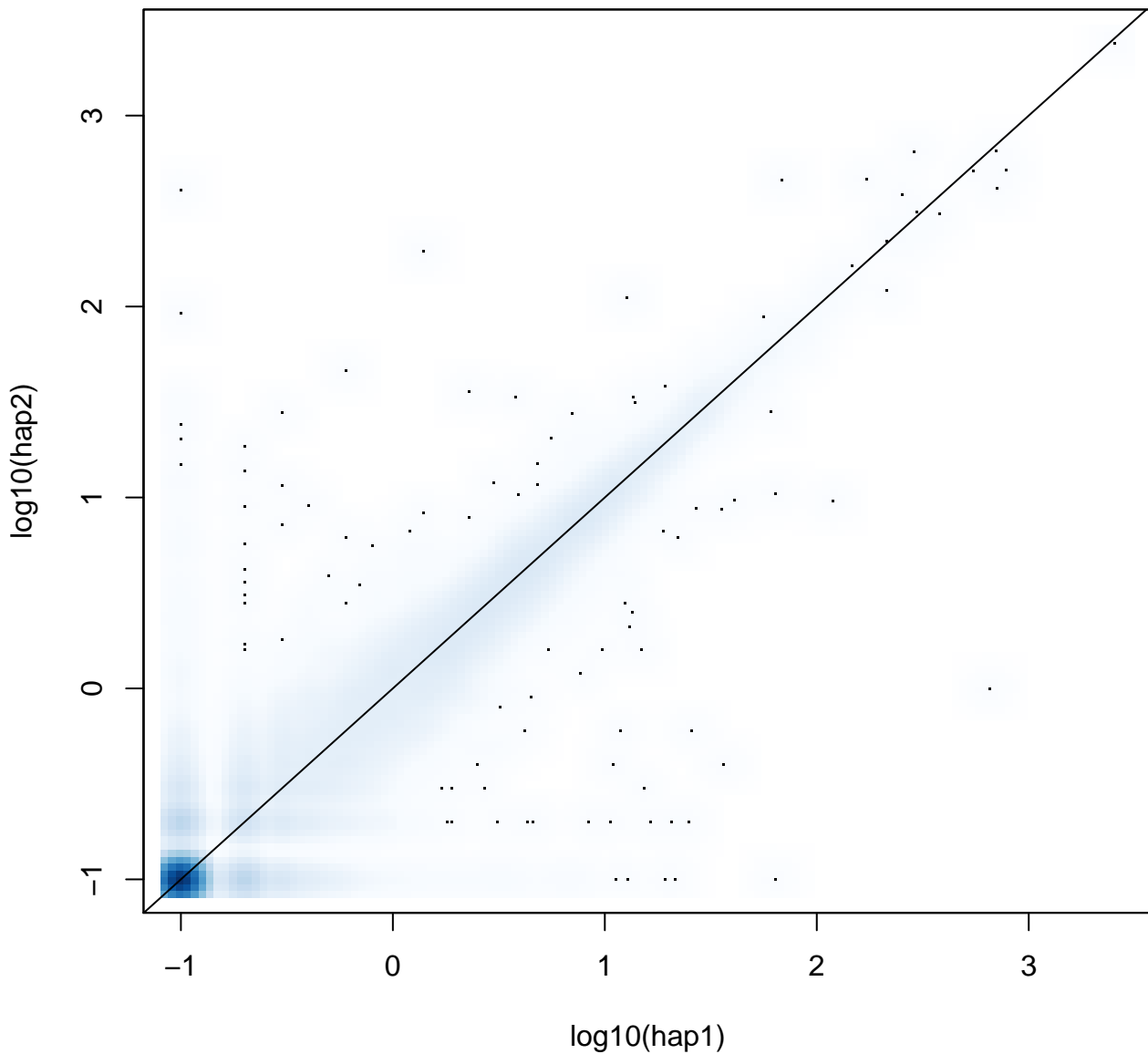
# NA20754: compare hap1 vs hap2 counts



# NA20756: compare hap1 vs hap2 counts

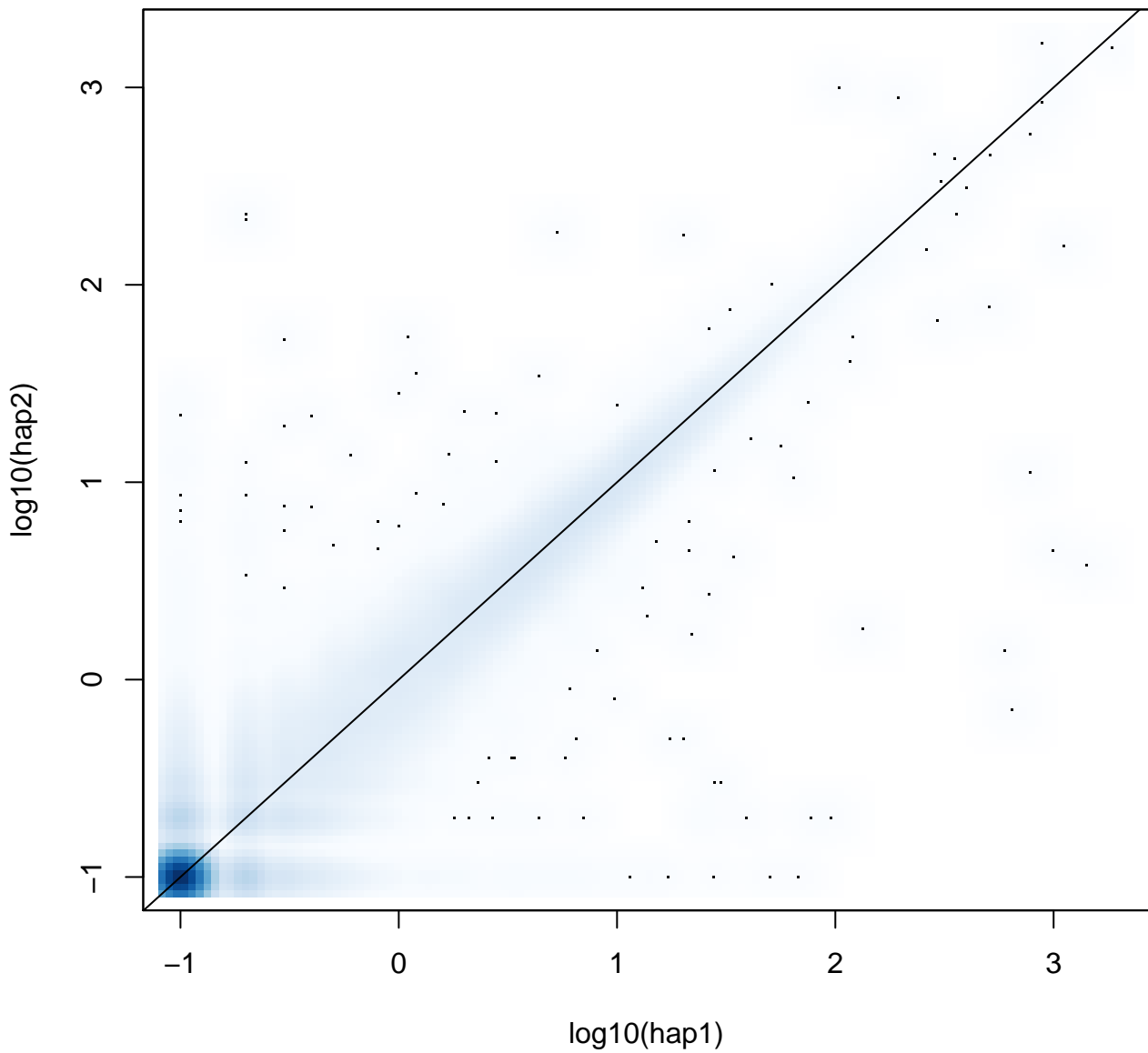


# NA20757: compare hap1 vs hap2 counts

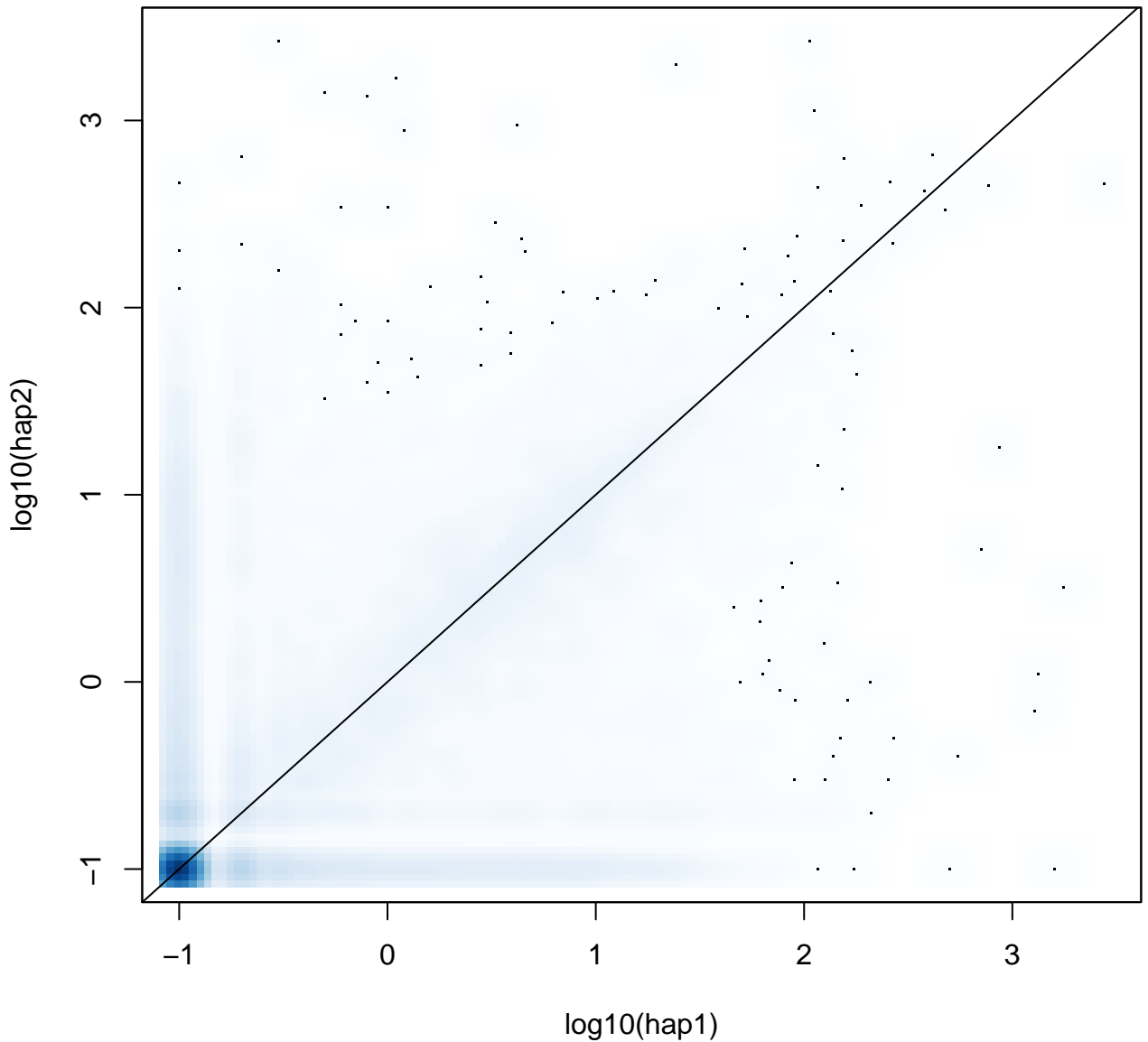




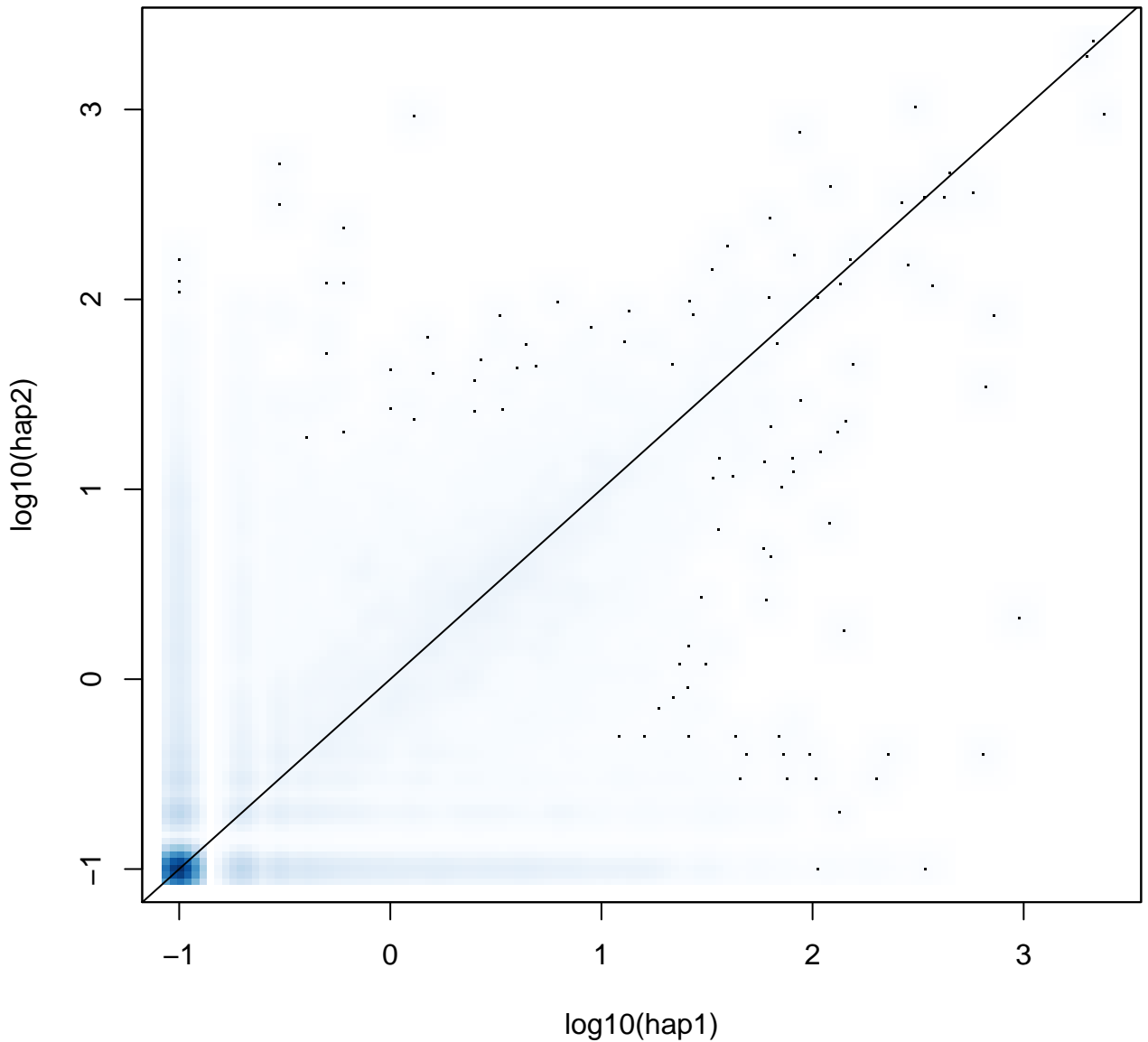
# NA20758: compare hap1 vs hap2 counts



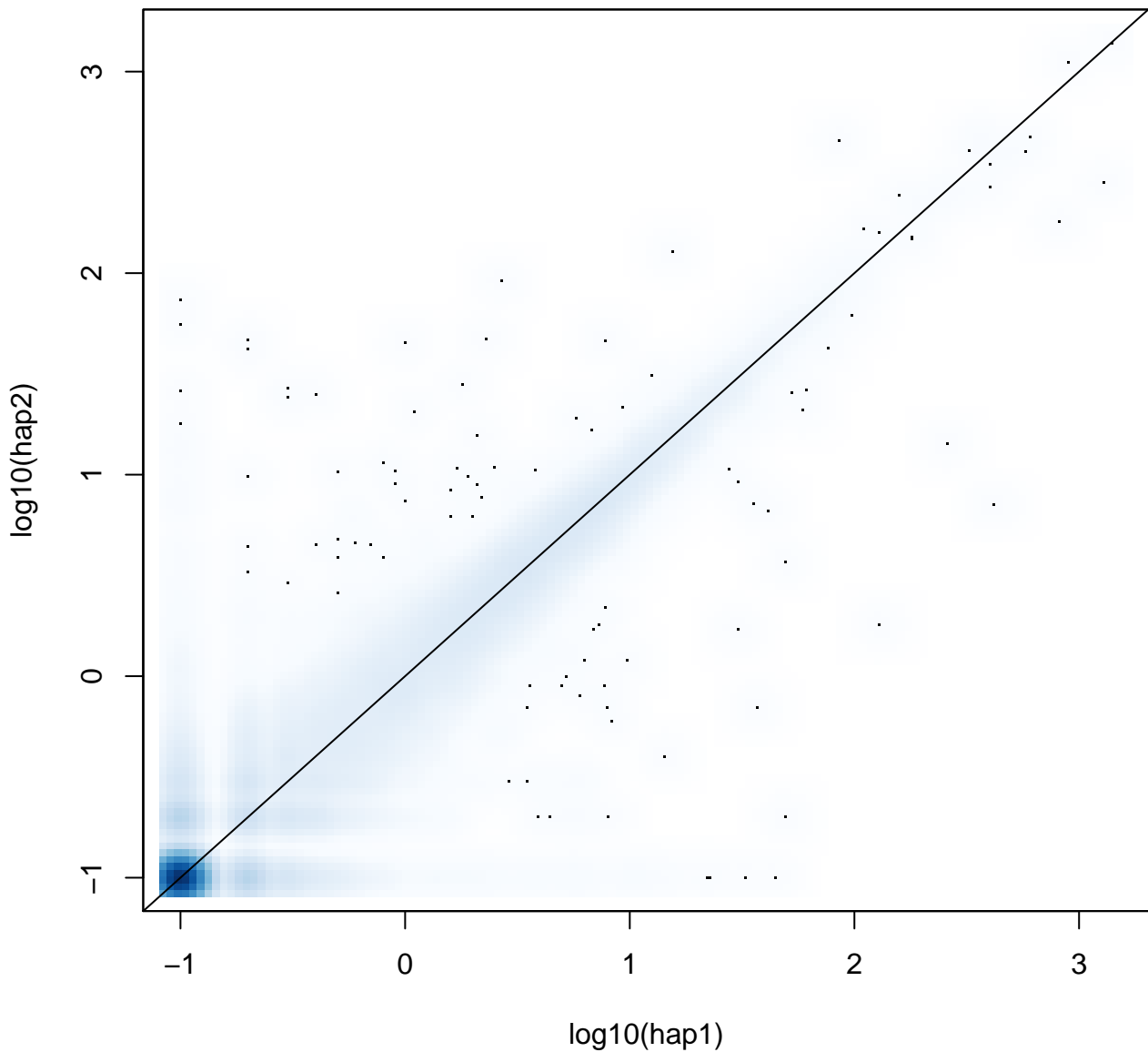
# NA20759: compare hap1 vs hap2 counts



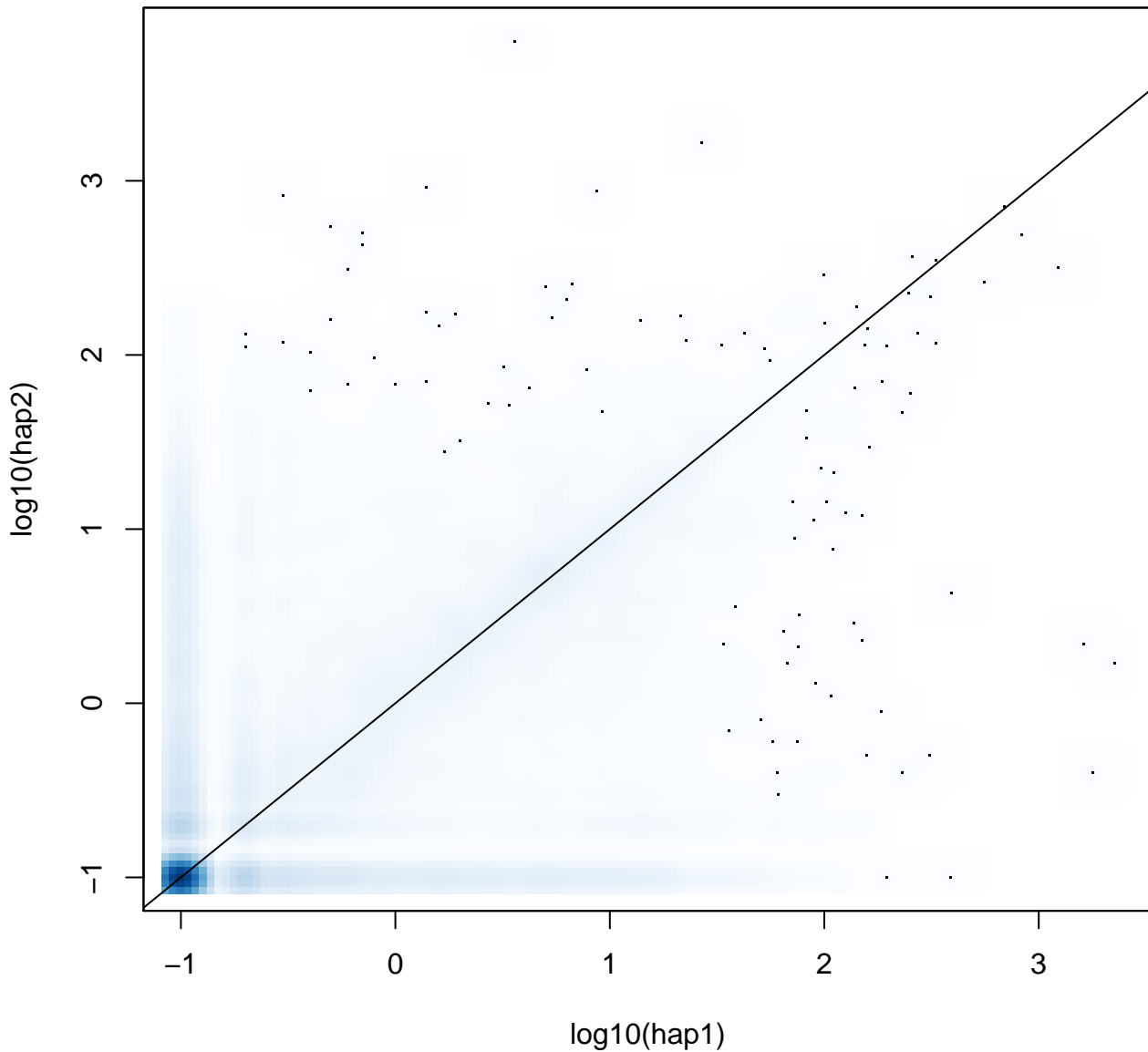
# NA20760: compare hap1 vs hap2 counts



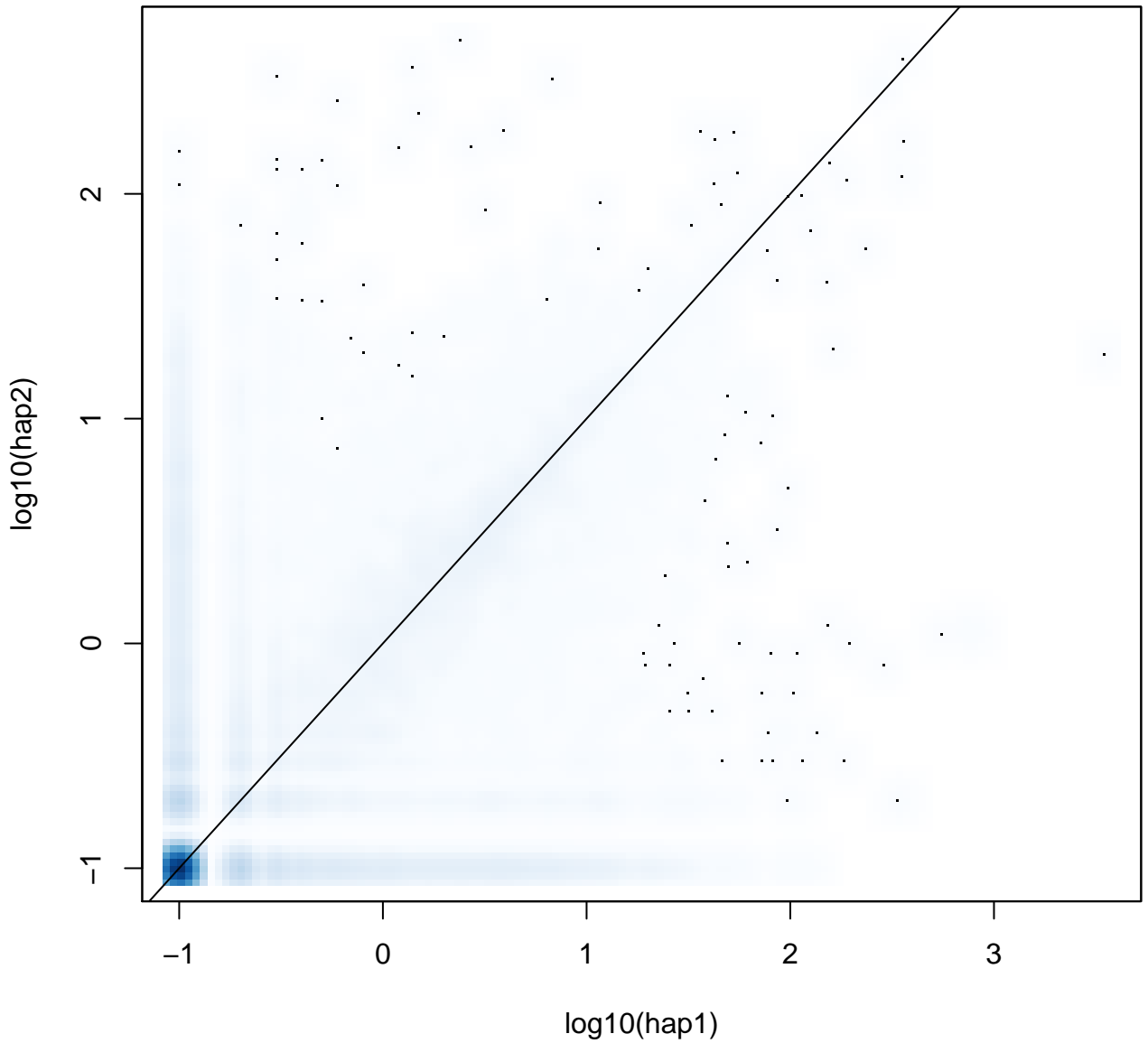
# NA20761: compare hap1 vs hap2 counts



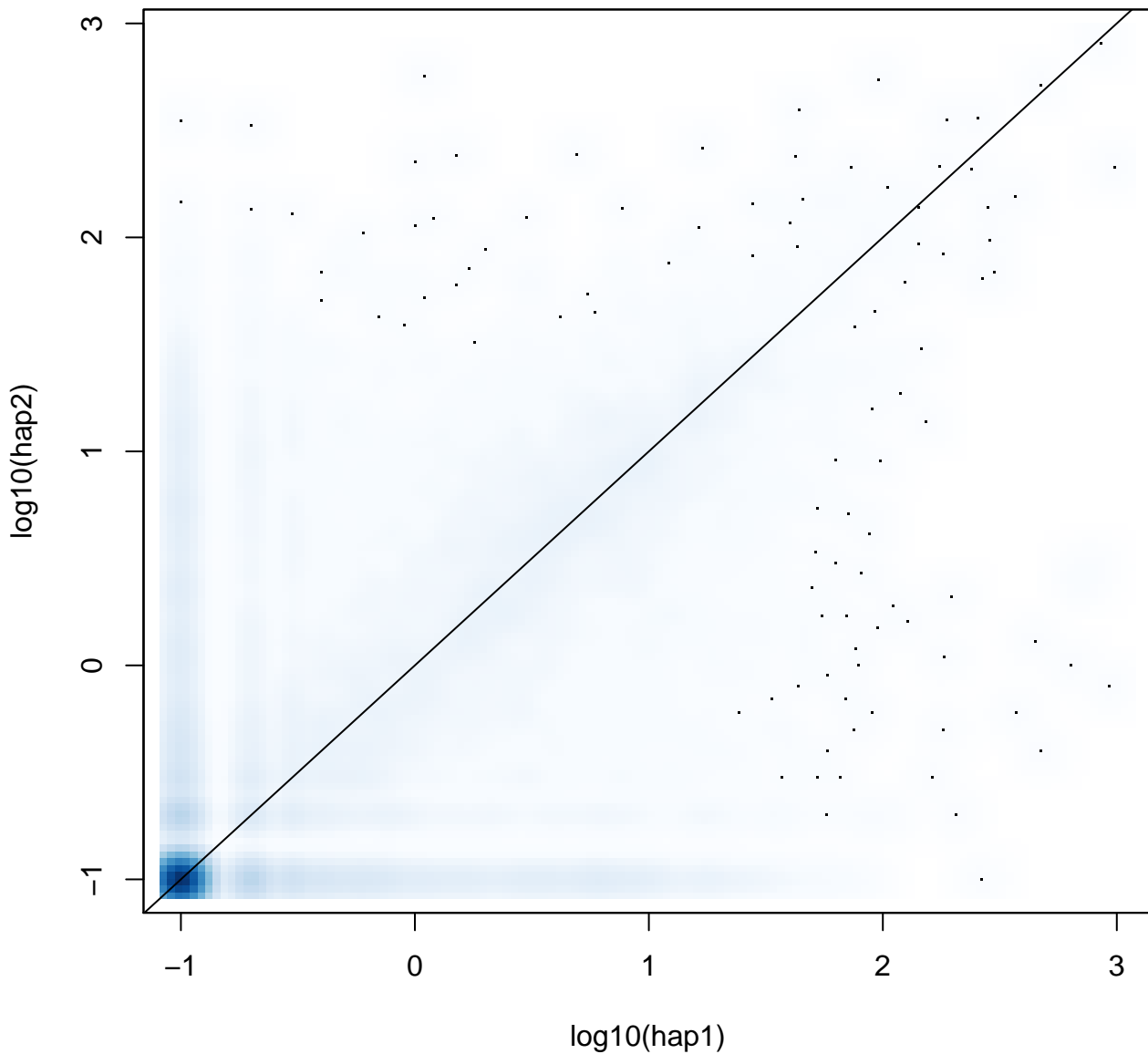
# NA20765: compare hap1 vs hap2 counts



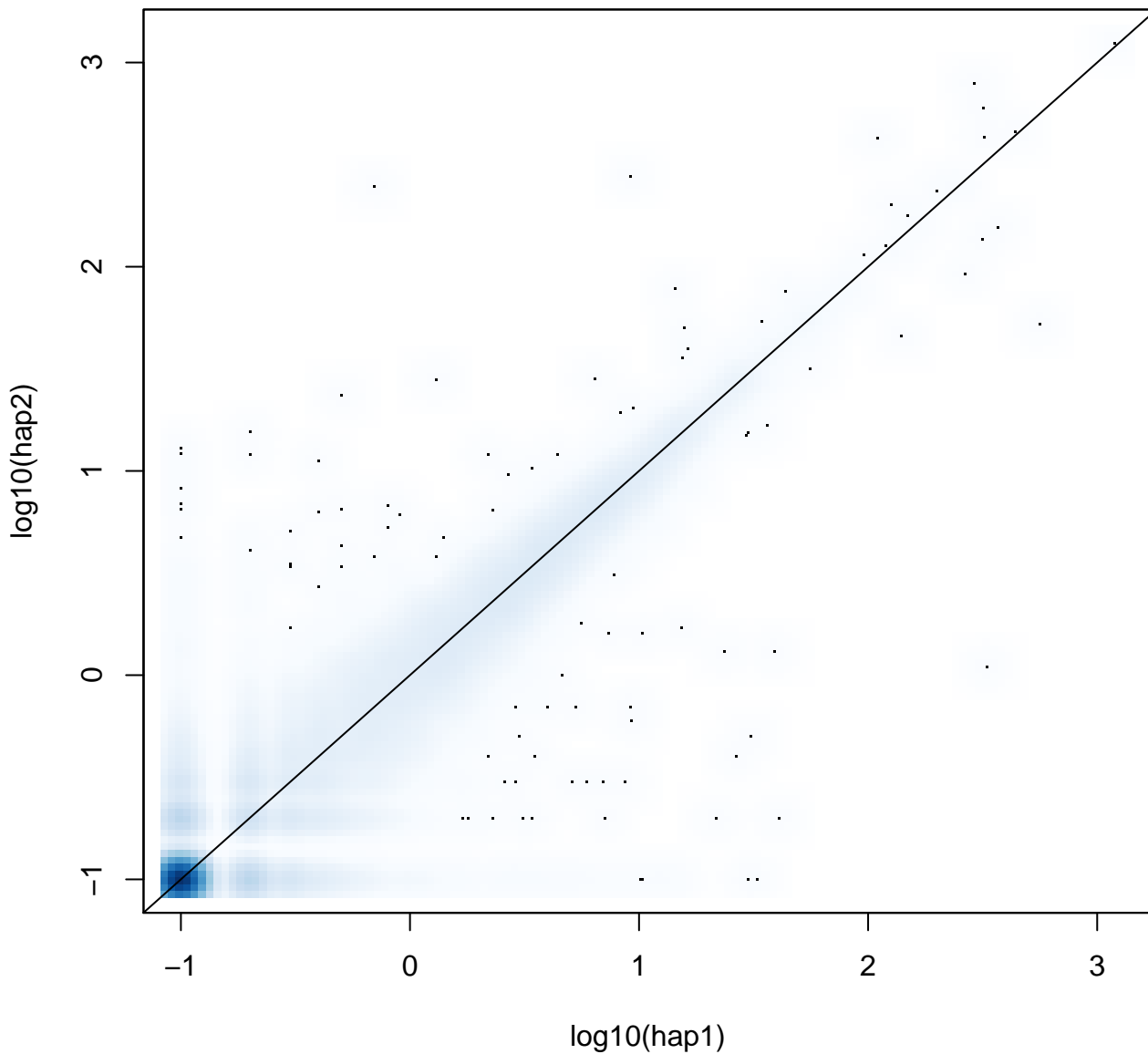
# NA20766: compare hap1 vs hap2 counts



# NA20768: compare hap1 vs hap2 counts

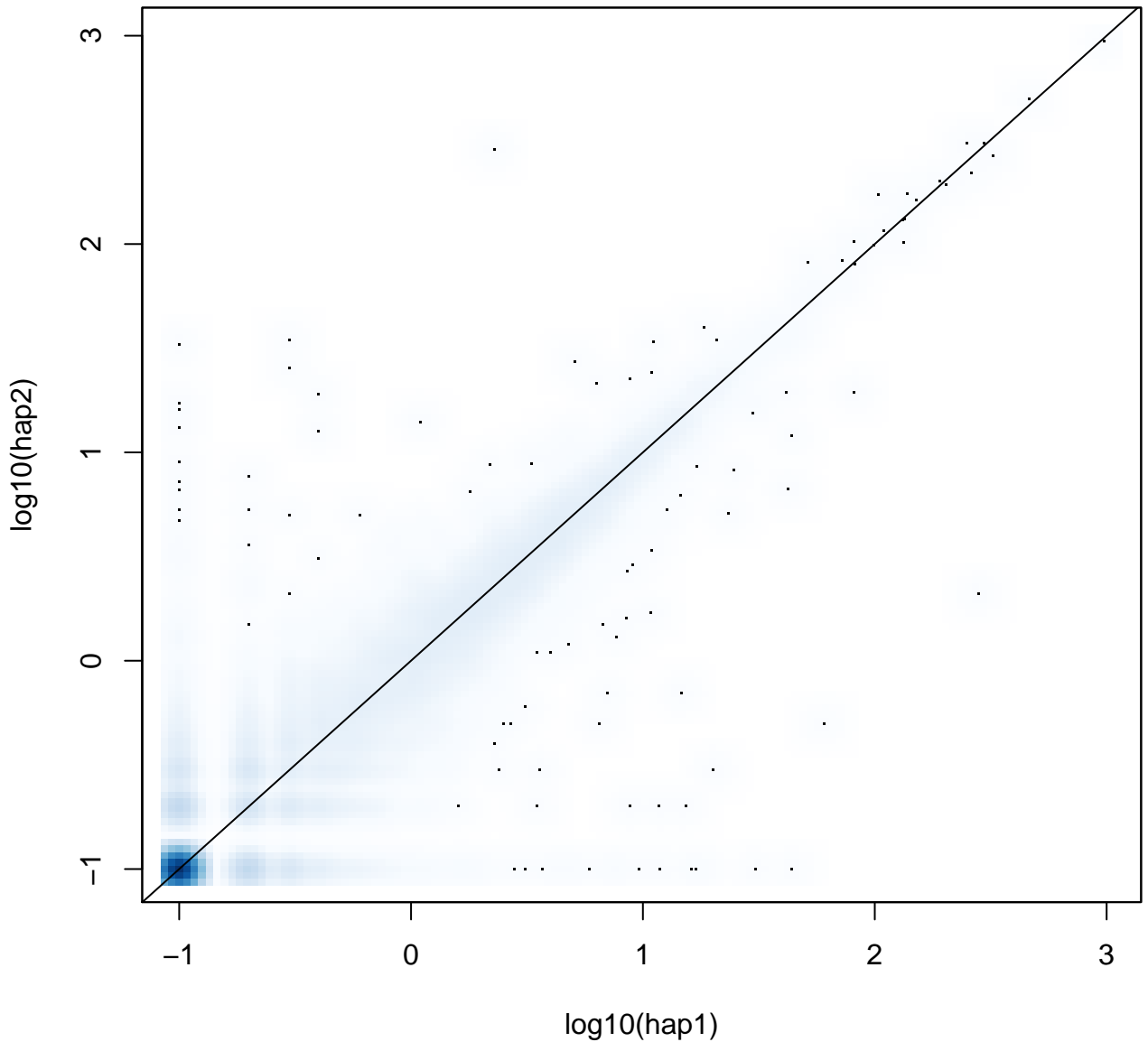


# NA20769: compare hap1 vs hap2 counts

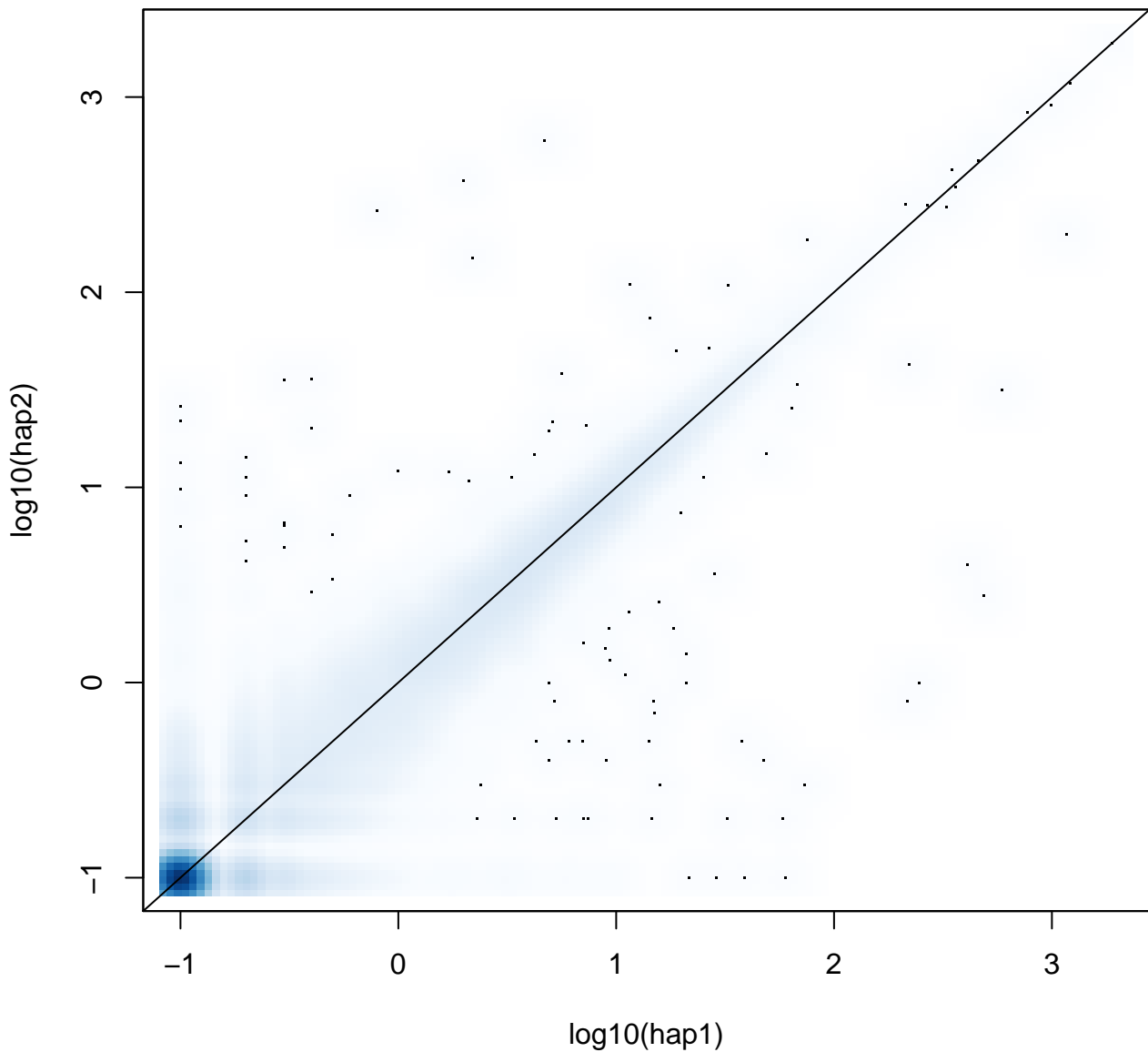




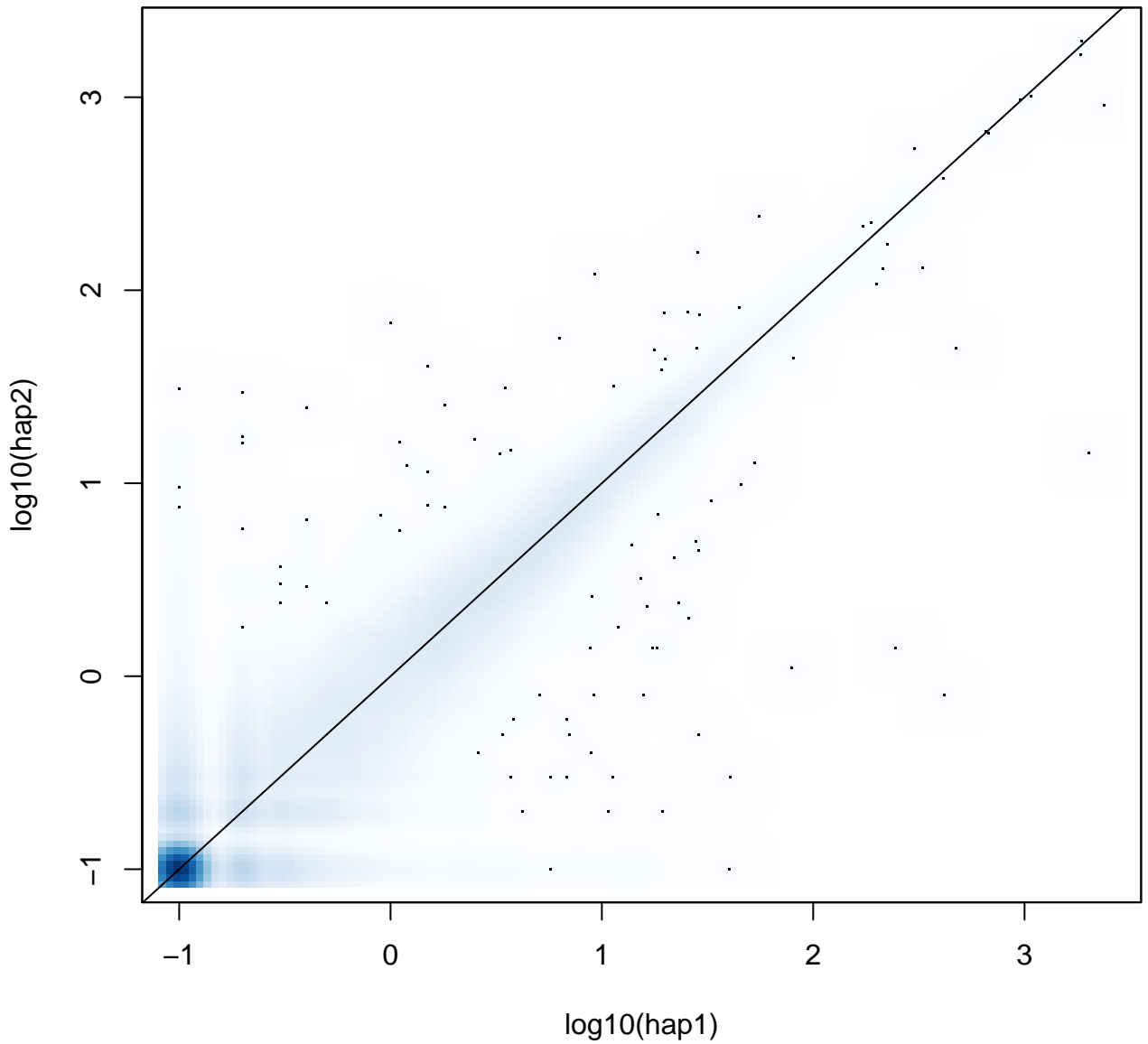
# NA20770: compare hap1 vs hap2 counts



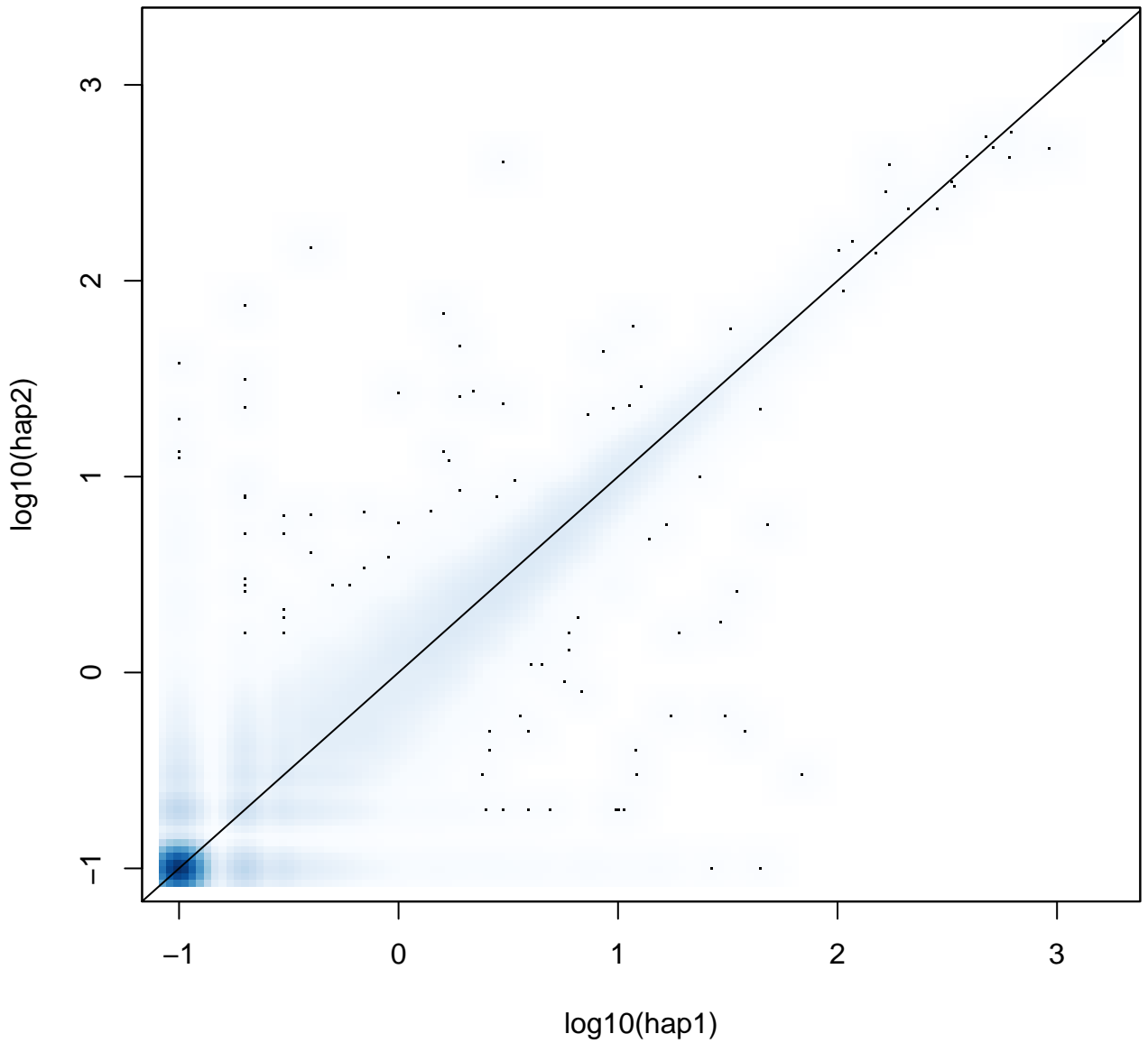
# NA20771: compare hap1 vs hap2 counts



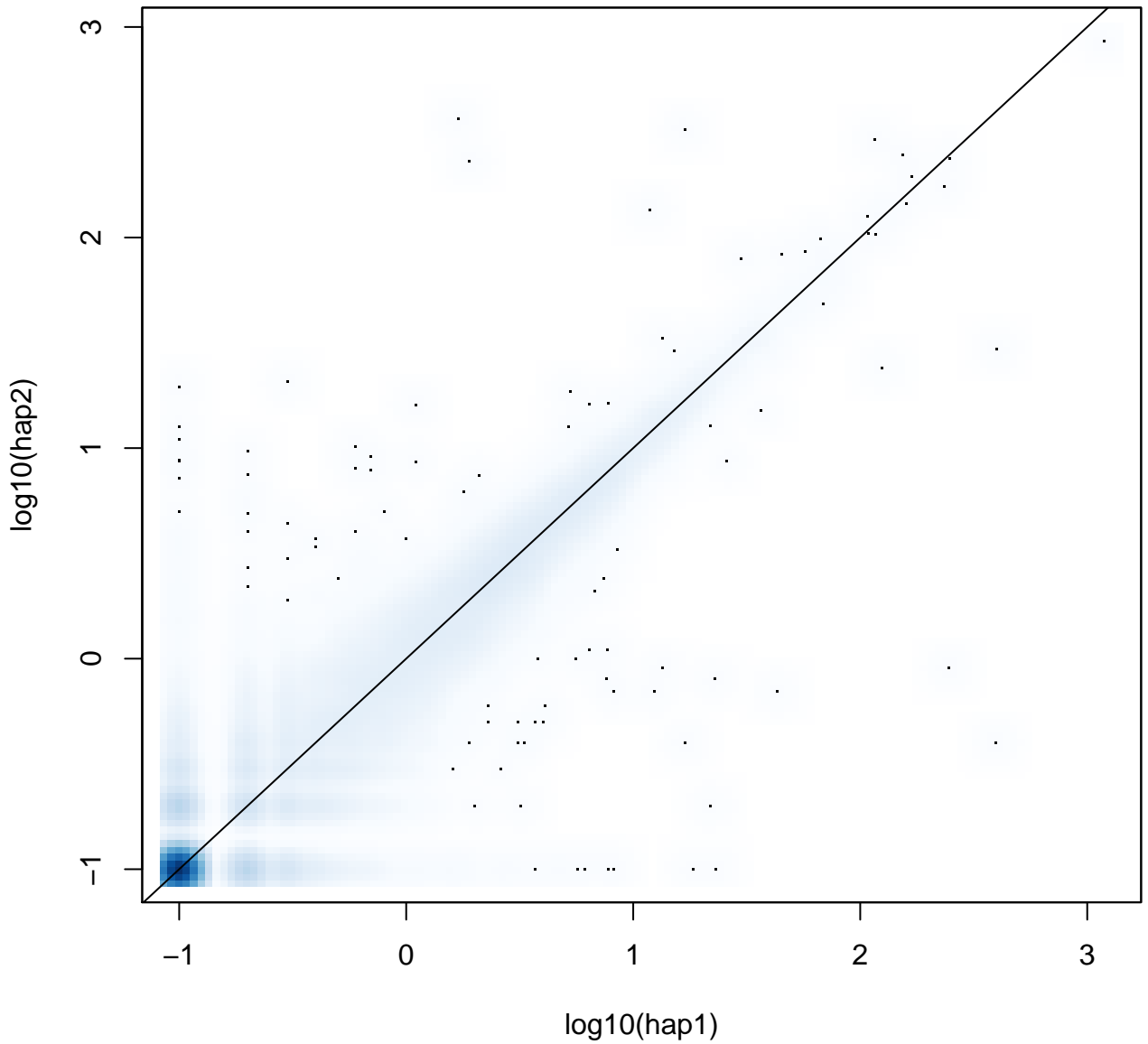
# NA20772: compare hap1 vs hap2 counts



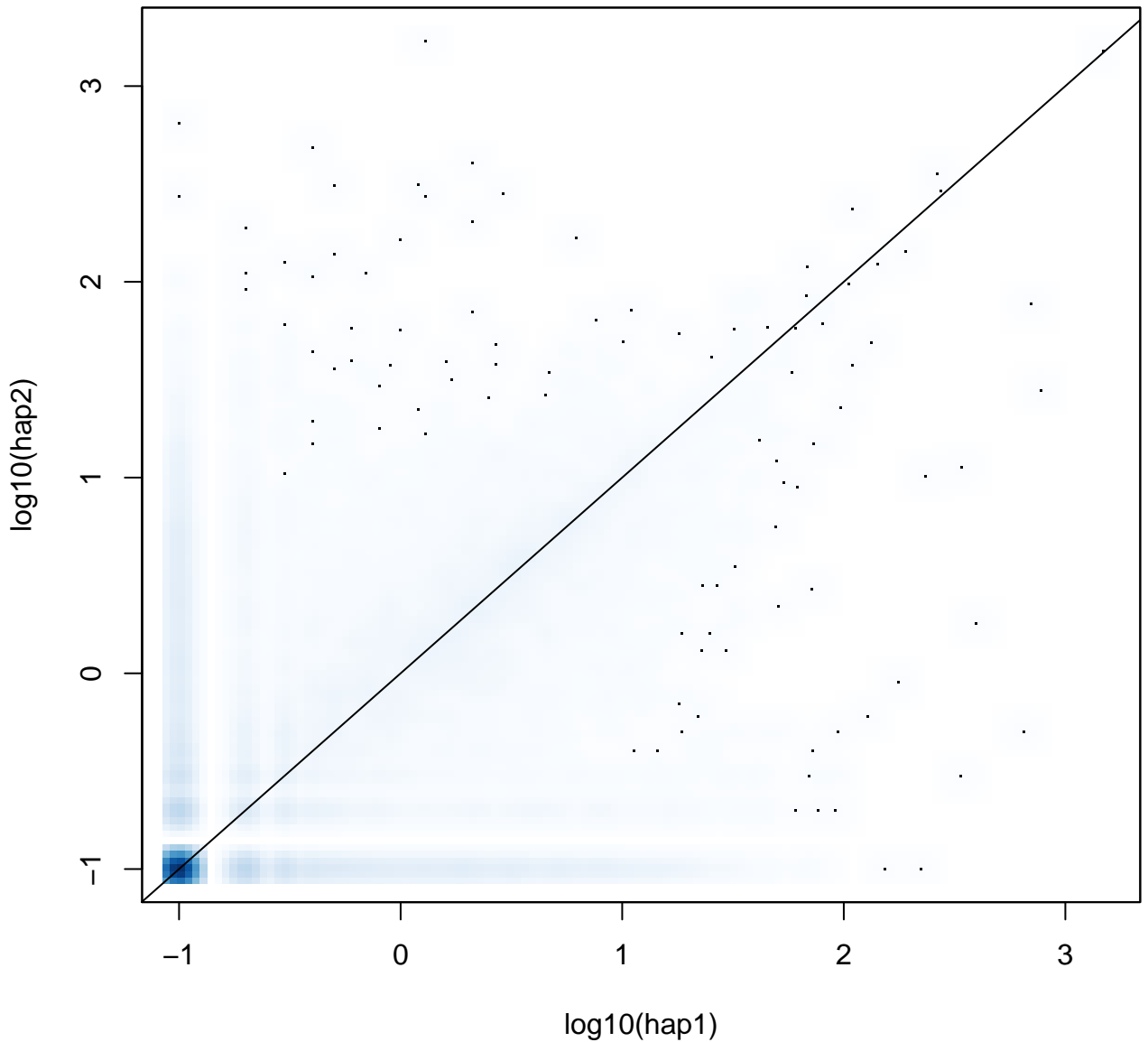
# NA20773: compare hap1 vs hap2 counts



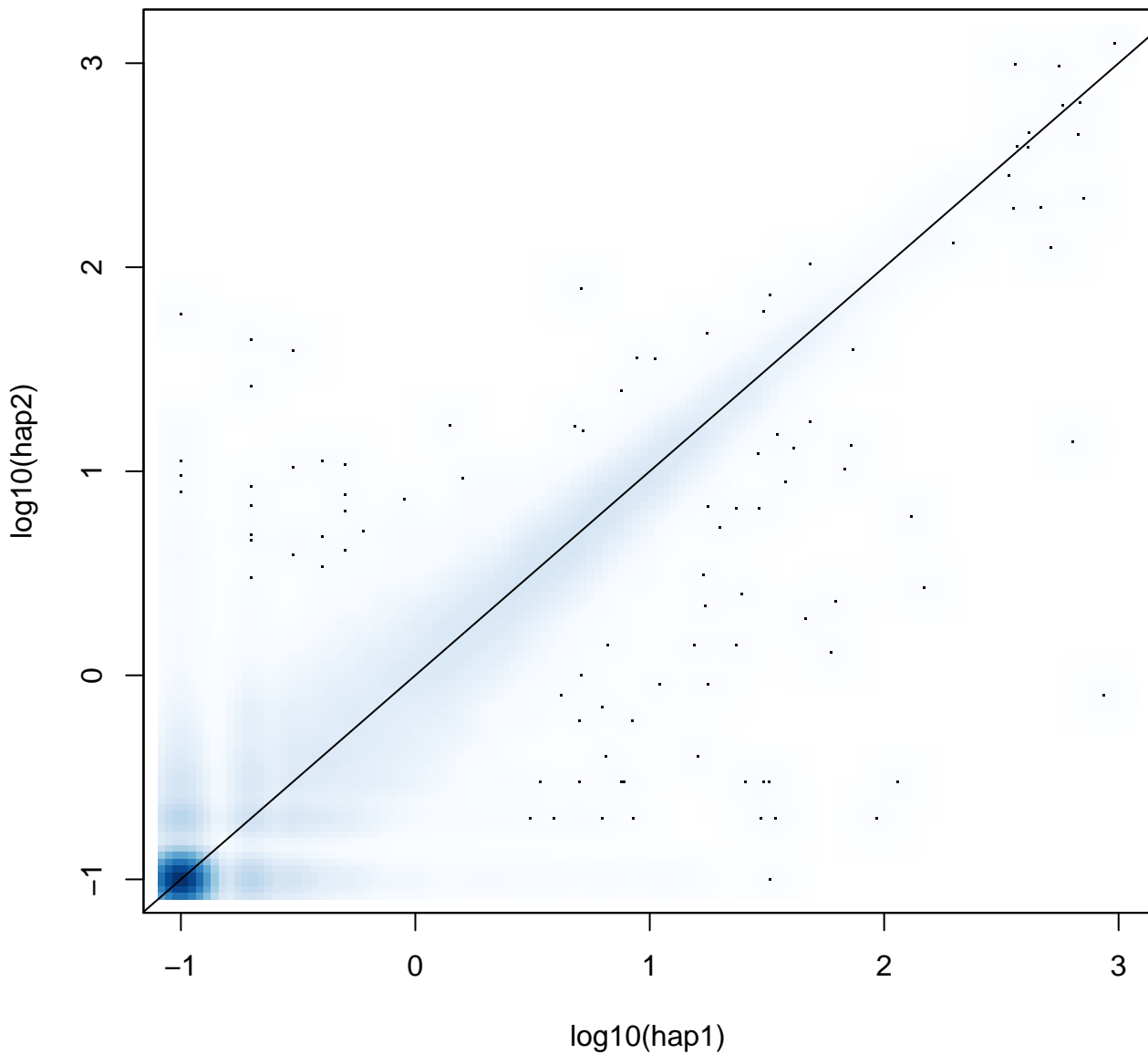
# NA20774: compare hap1 vs hap2 counts



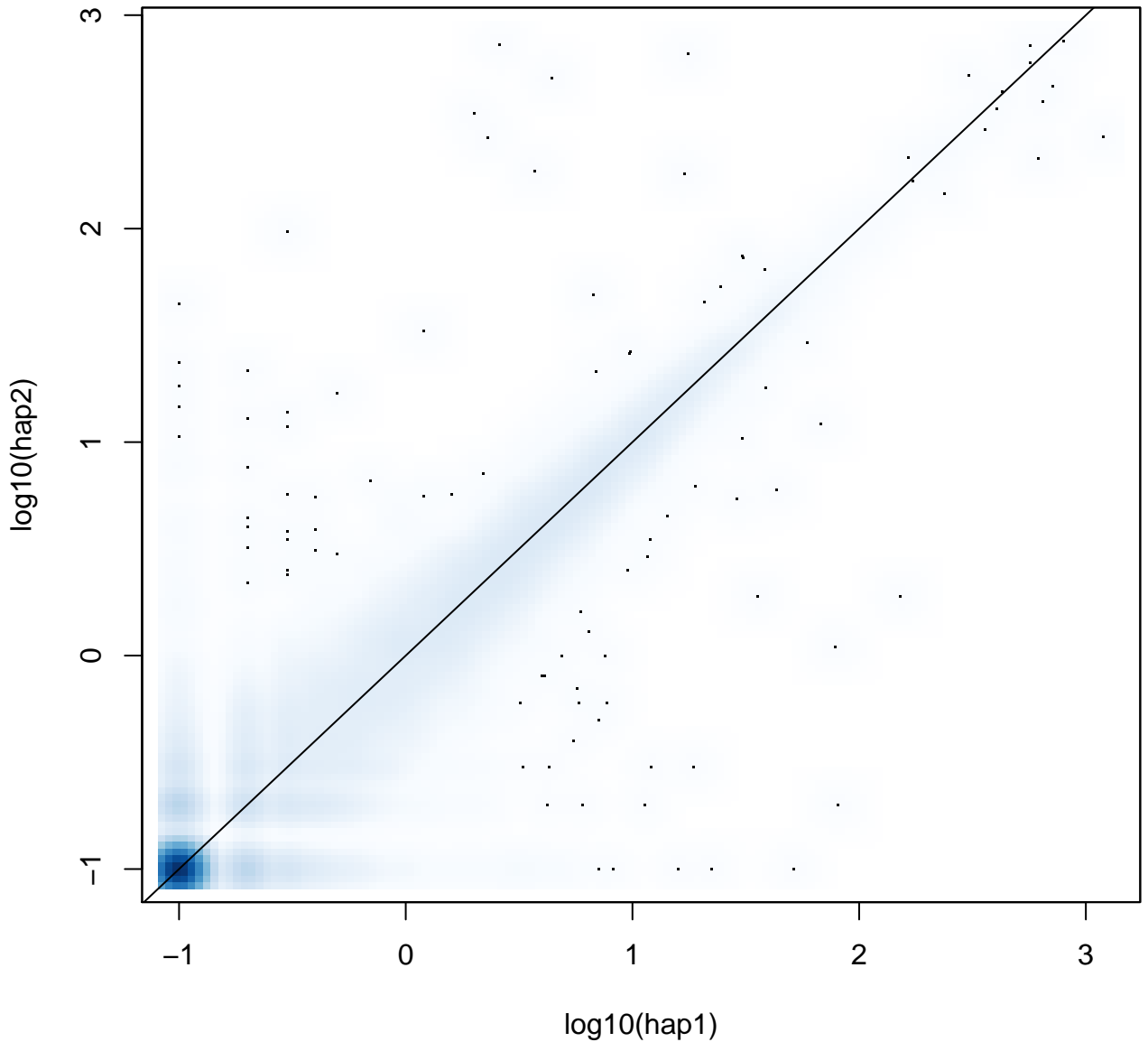
# NA20778: compare hap1 vs hap2 counts



# NA20783: compare hap1 vs hap2 counts

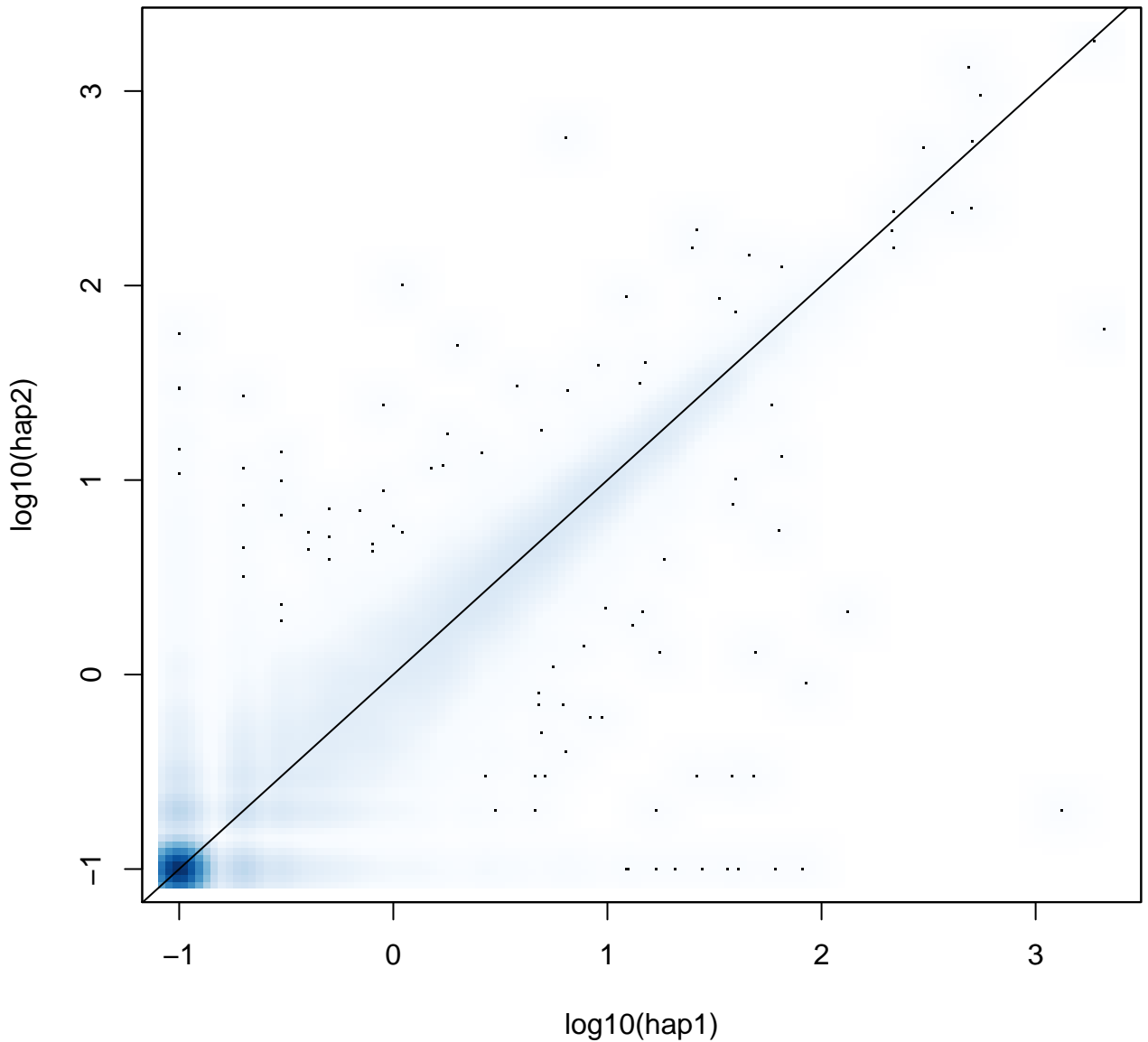


# NA20785: compare hap1 vs hap2 counts

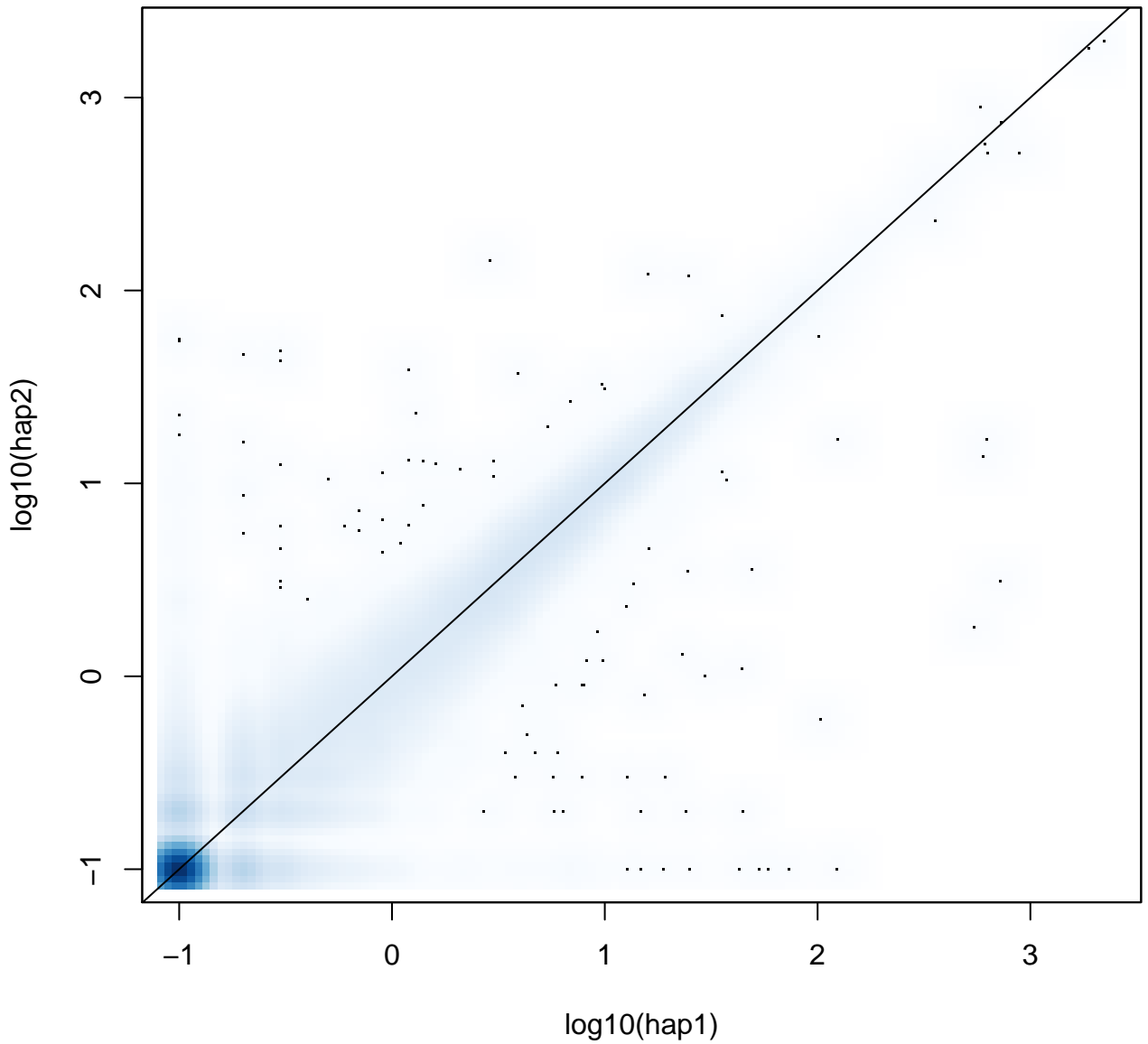




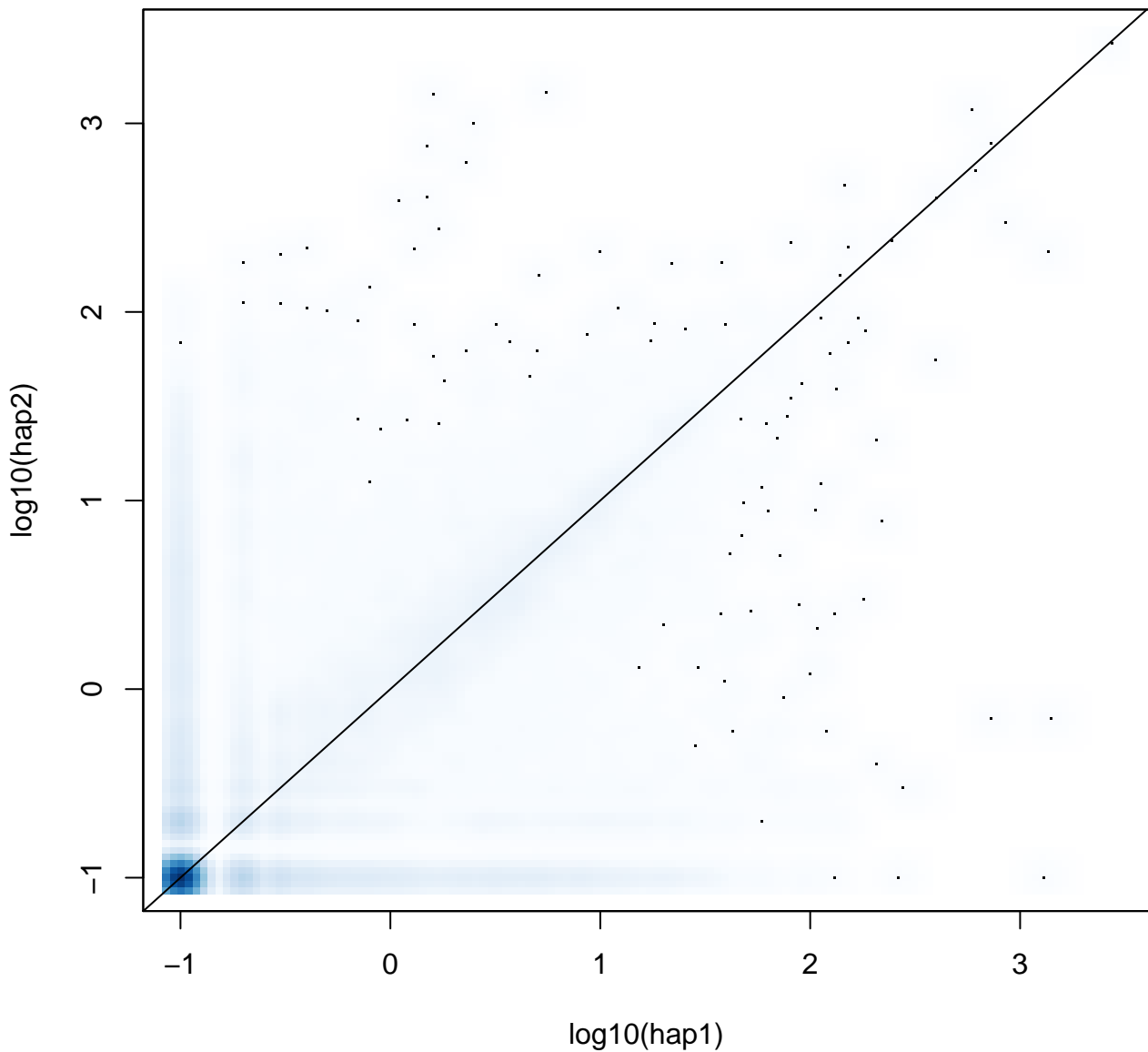
# NA20786: compare hap1 vs hap2 counts



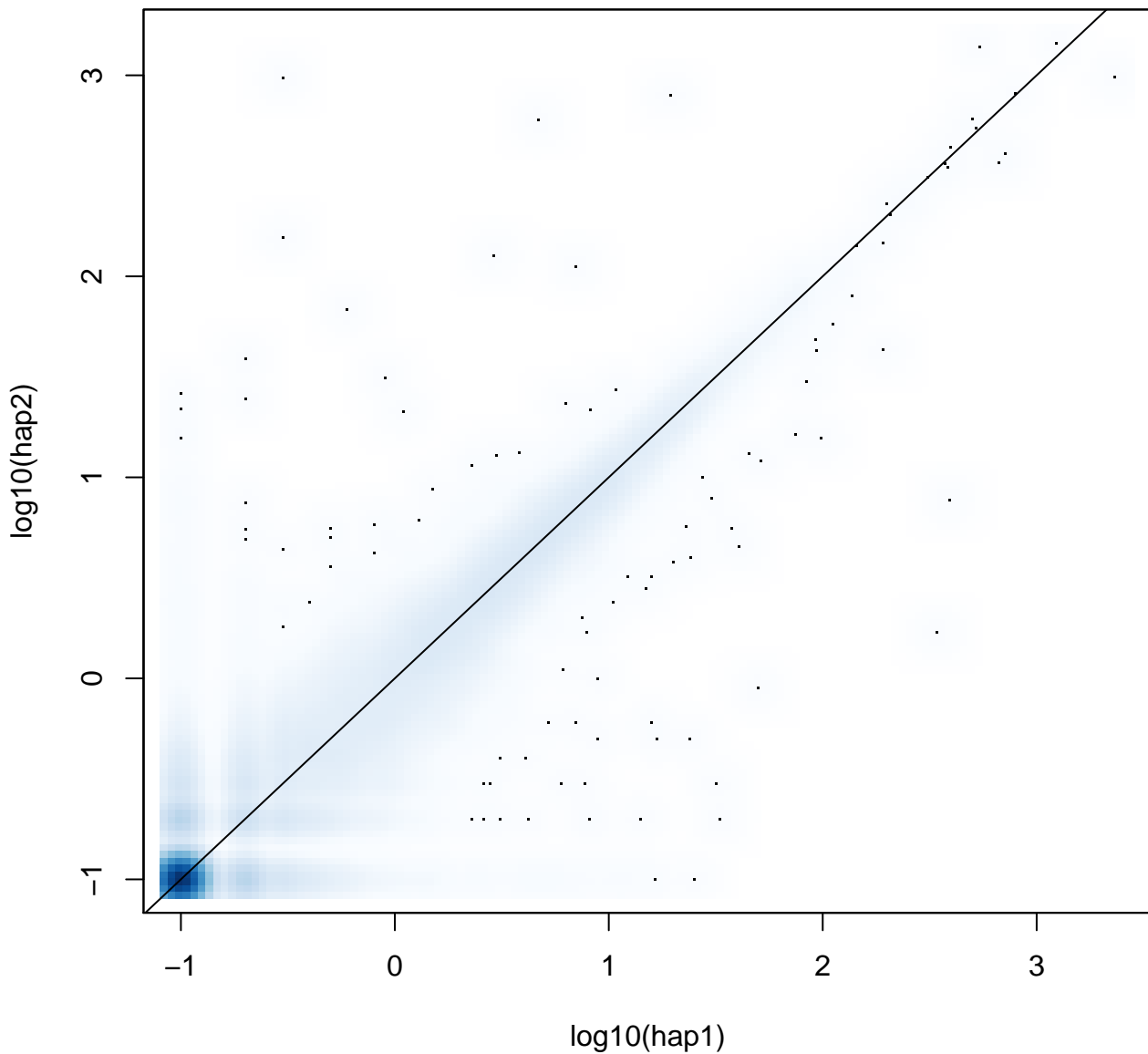
# NA20787: compare hap1 vs hap2 counts



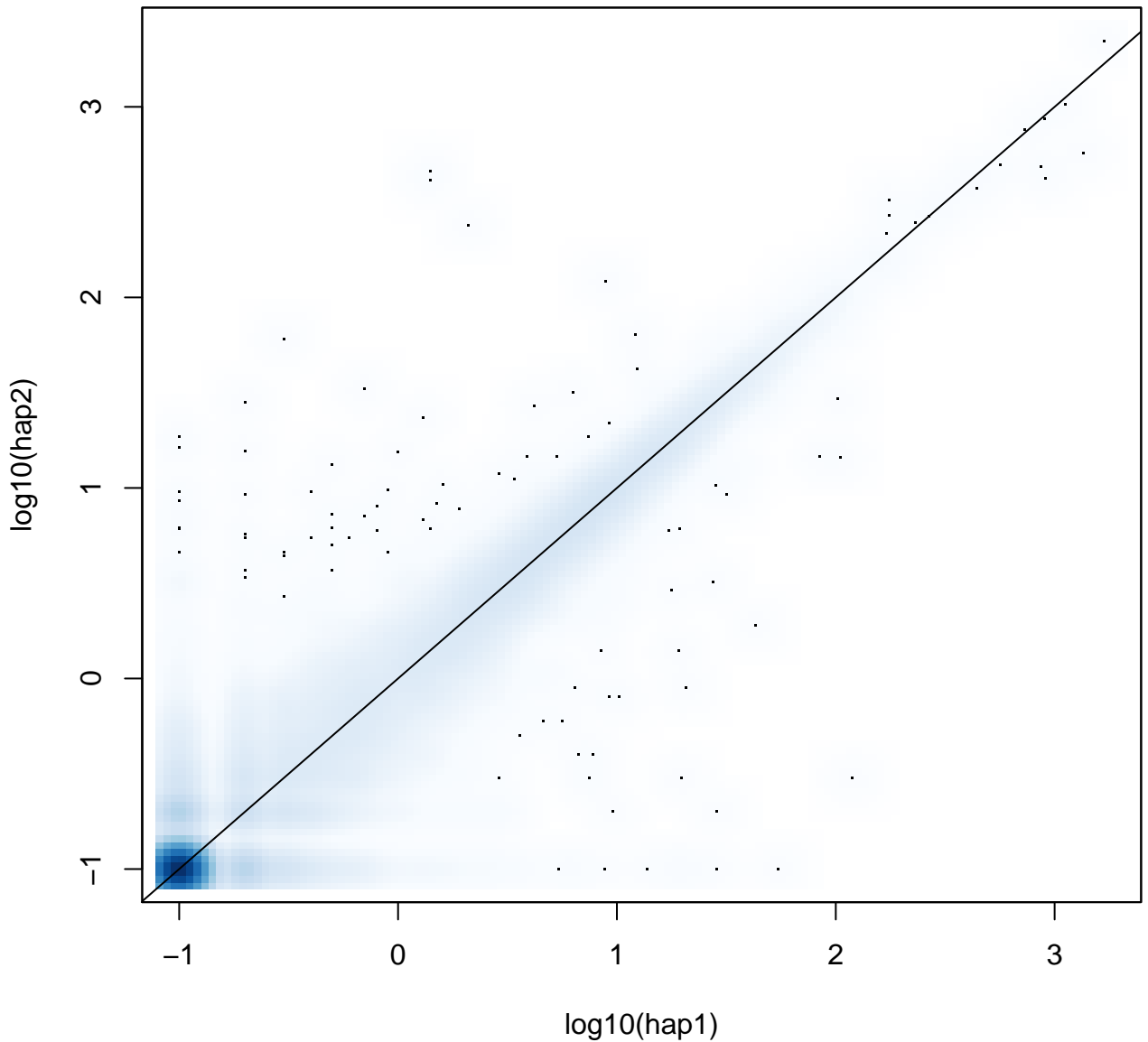
# NA20790: compare hap1 vs hap2 counts



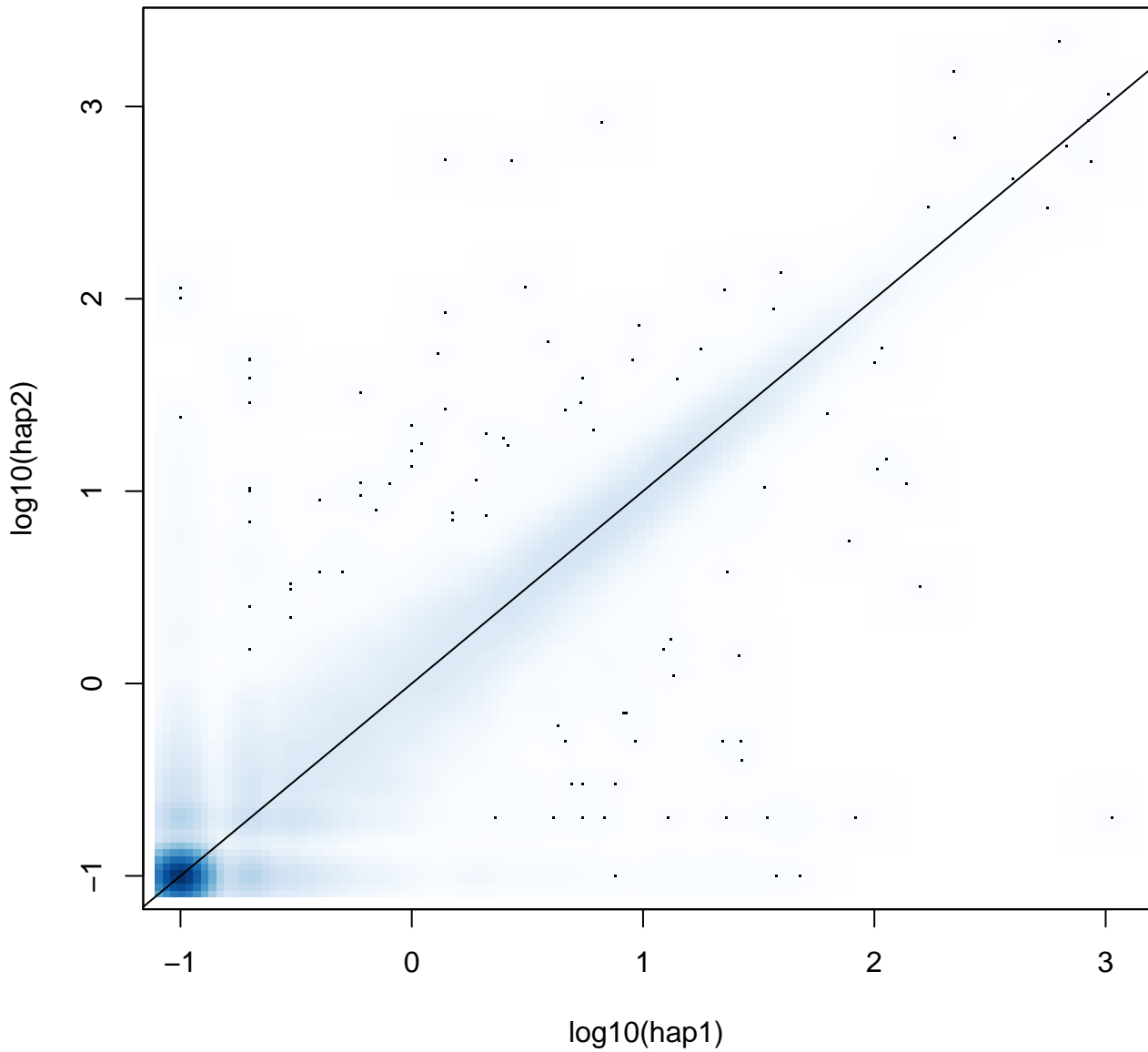
# NA20792: compare hap1 vs hap2 counts



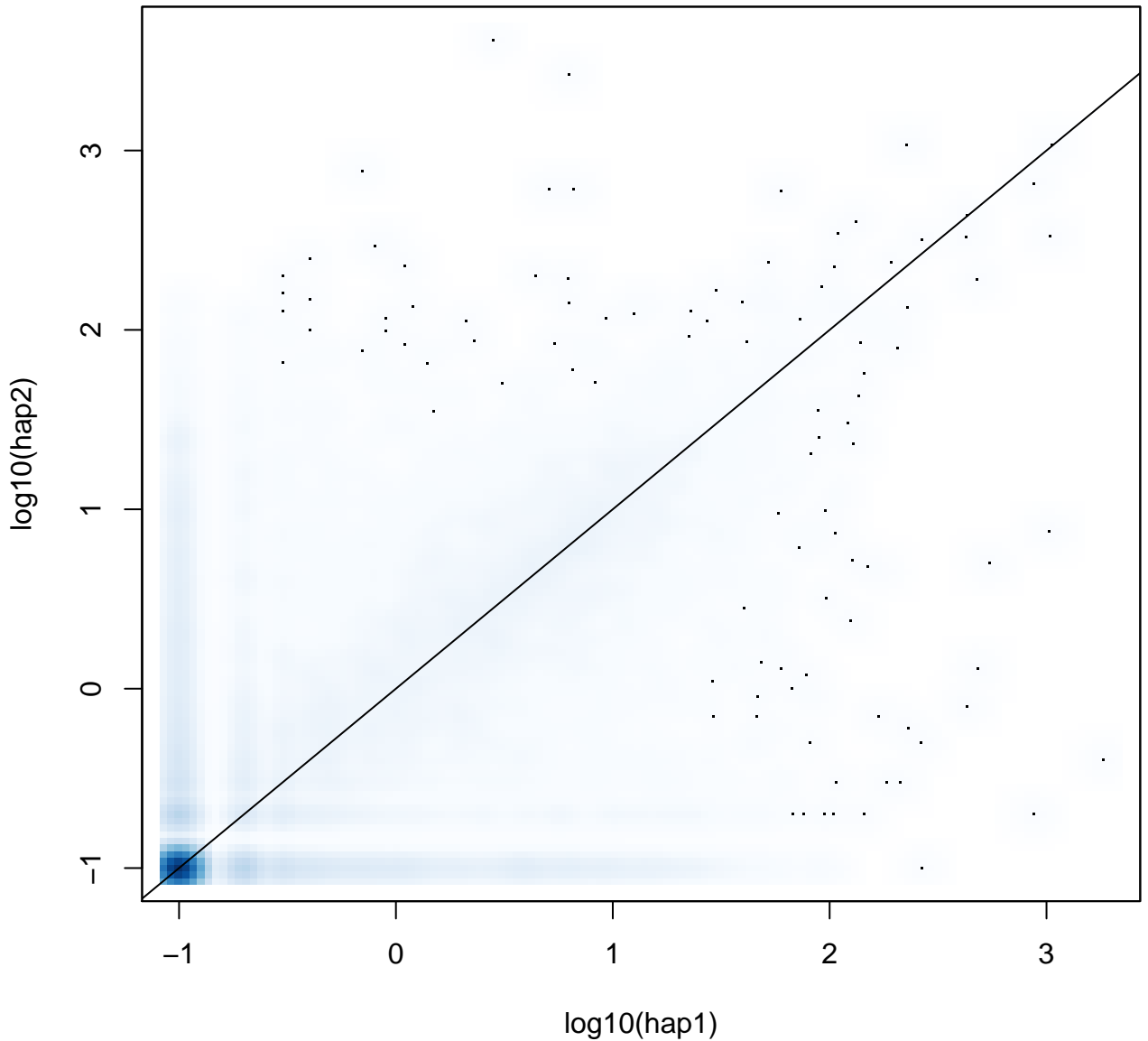
# NA20795: compare hap1 vs hap2 counts



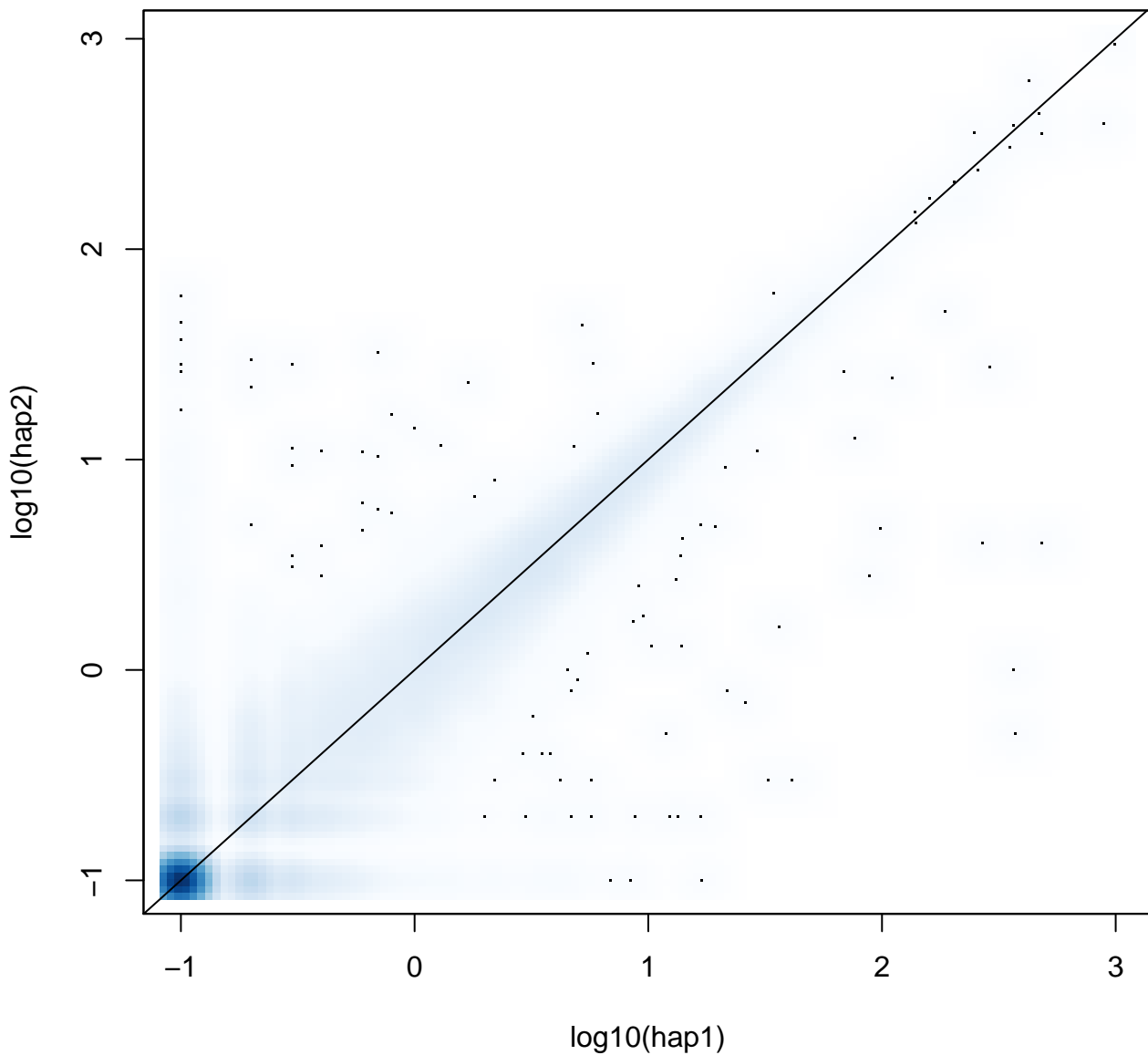
# NA20796: compare hap1 vs hap2 counts



# NA20797: compare hap1 vs hap2 counts

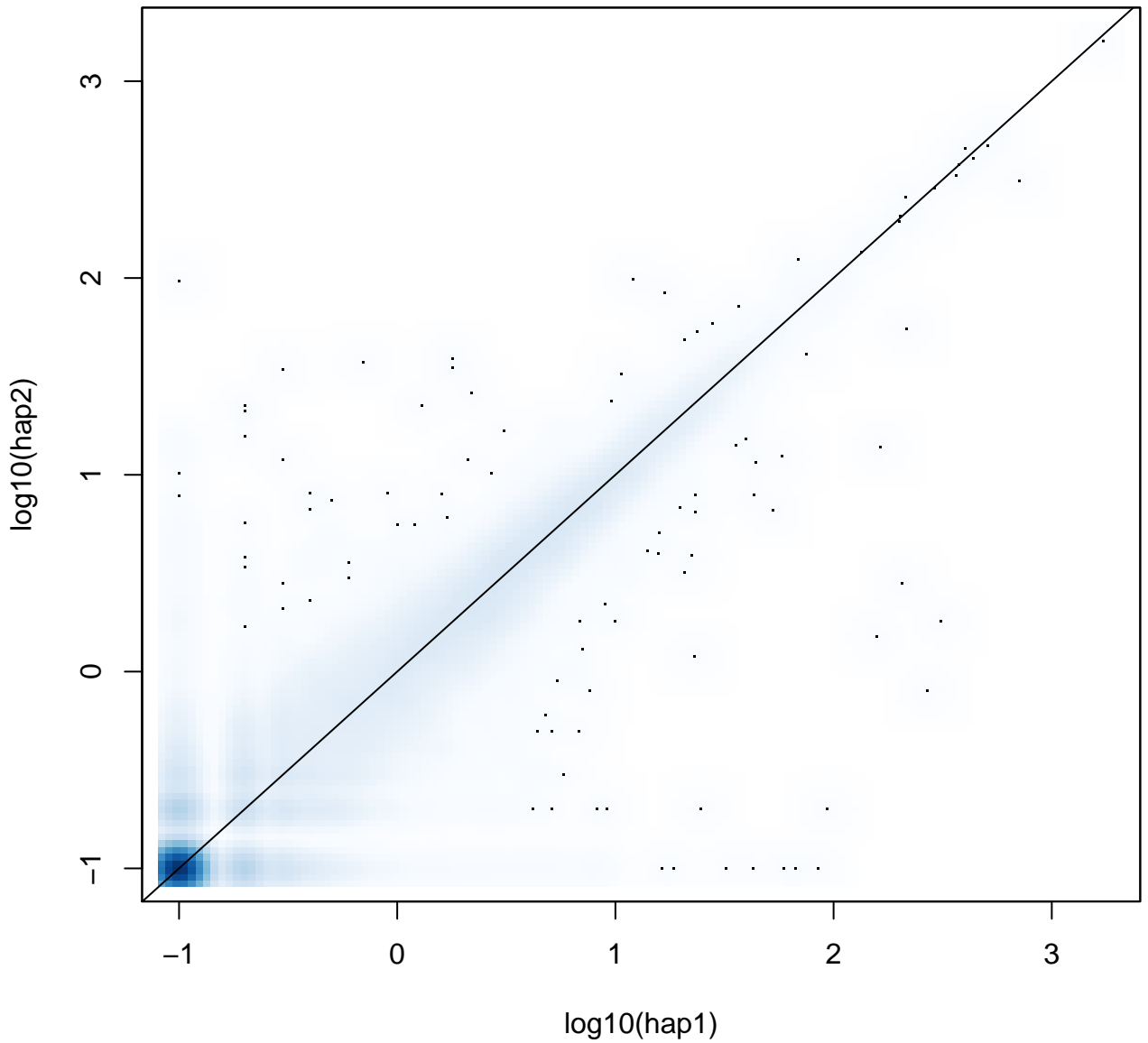


# NA20798: compare hap1 vs hap2 counts

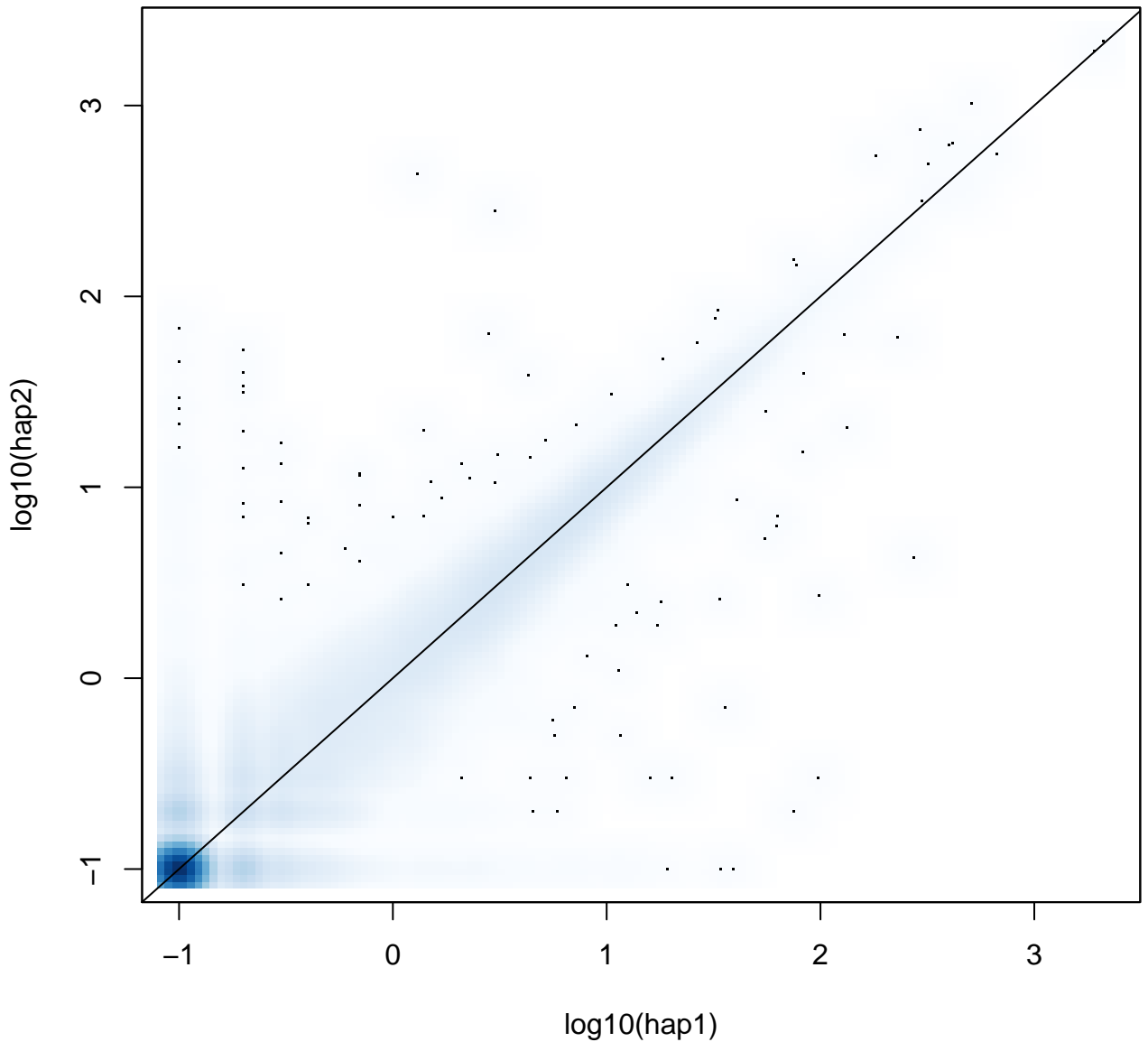




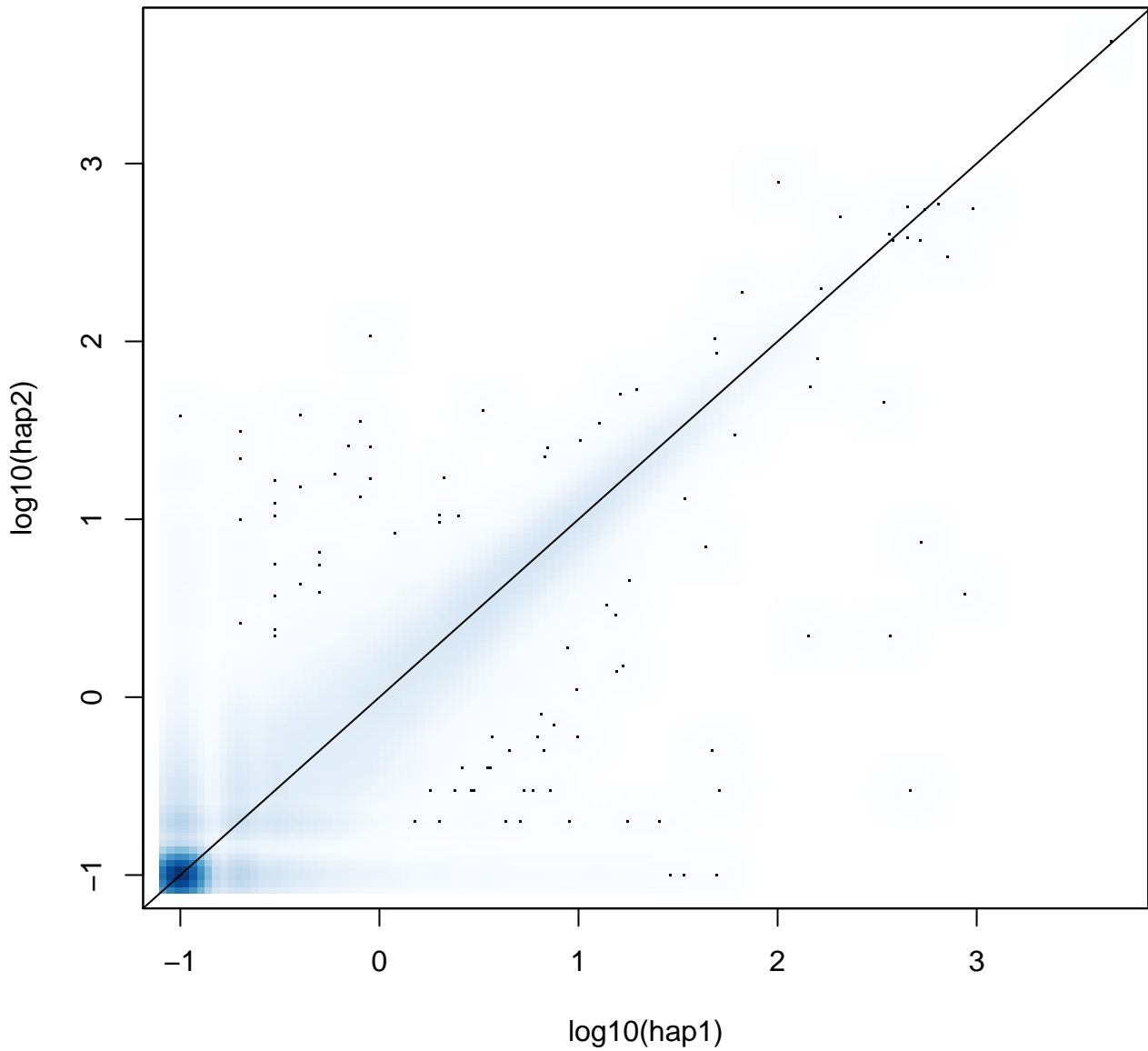
# NA20799: compare hap1 vs hap2 counts



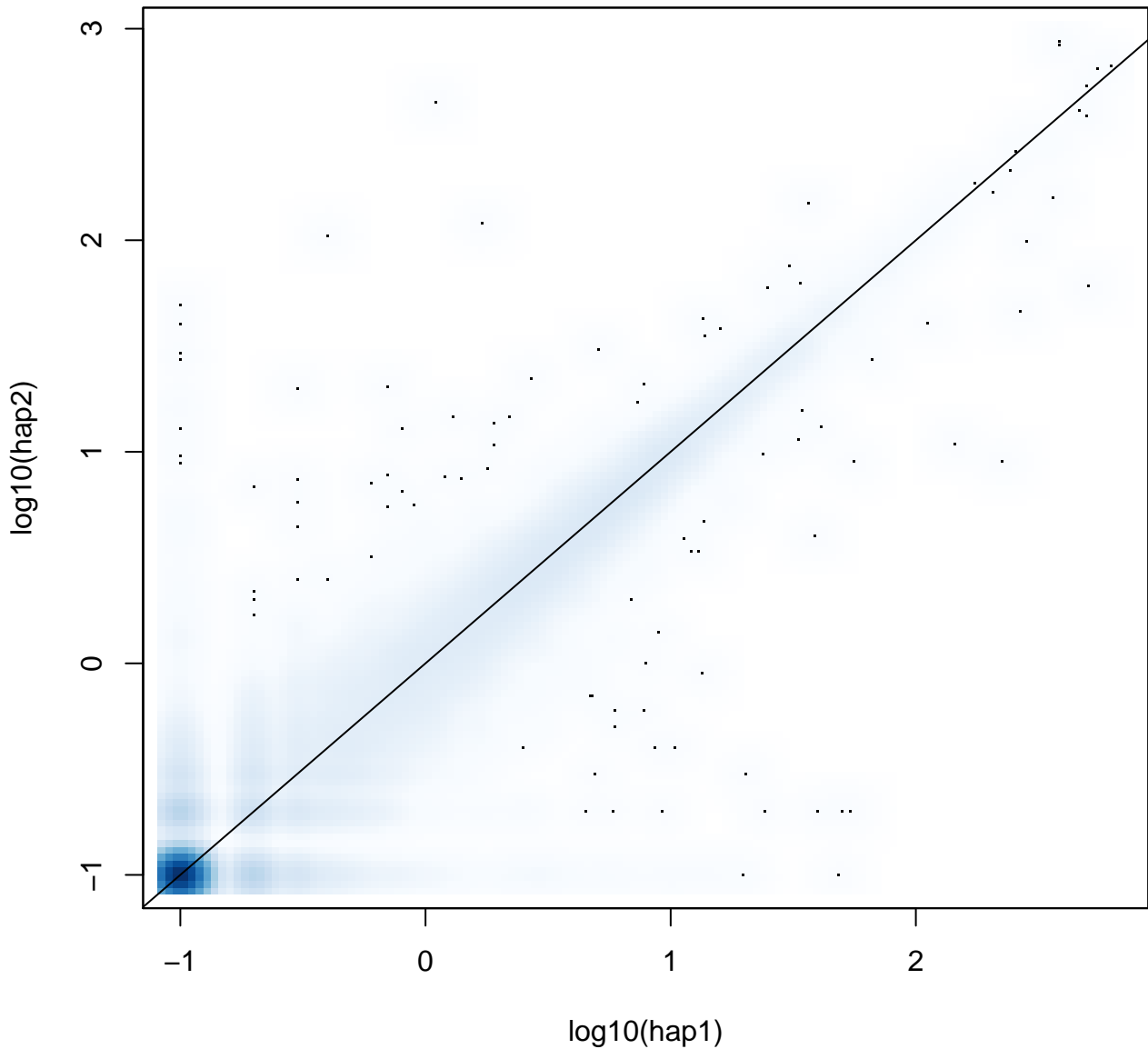
# NA20800: compare hap1 vs hap2 counts



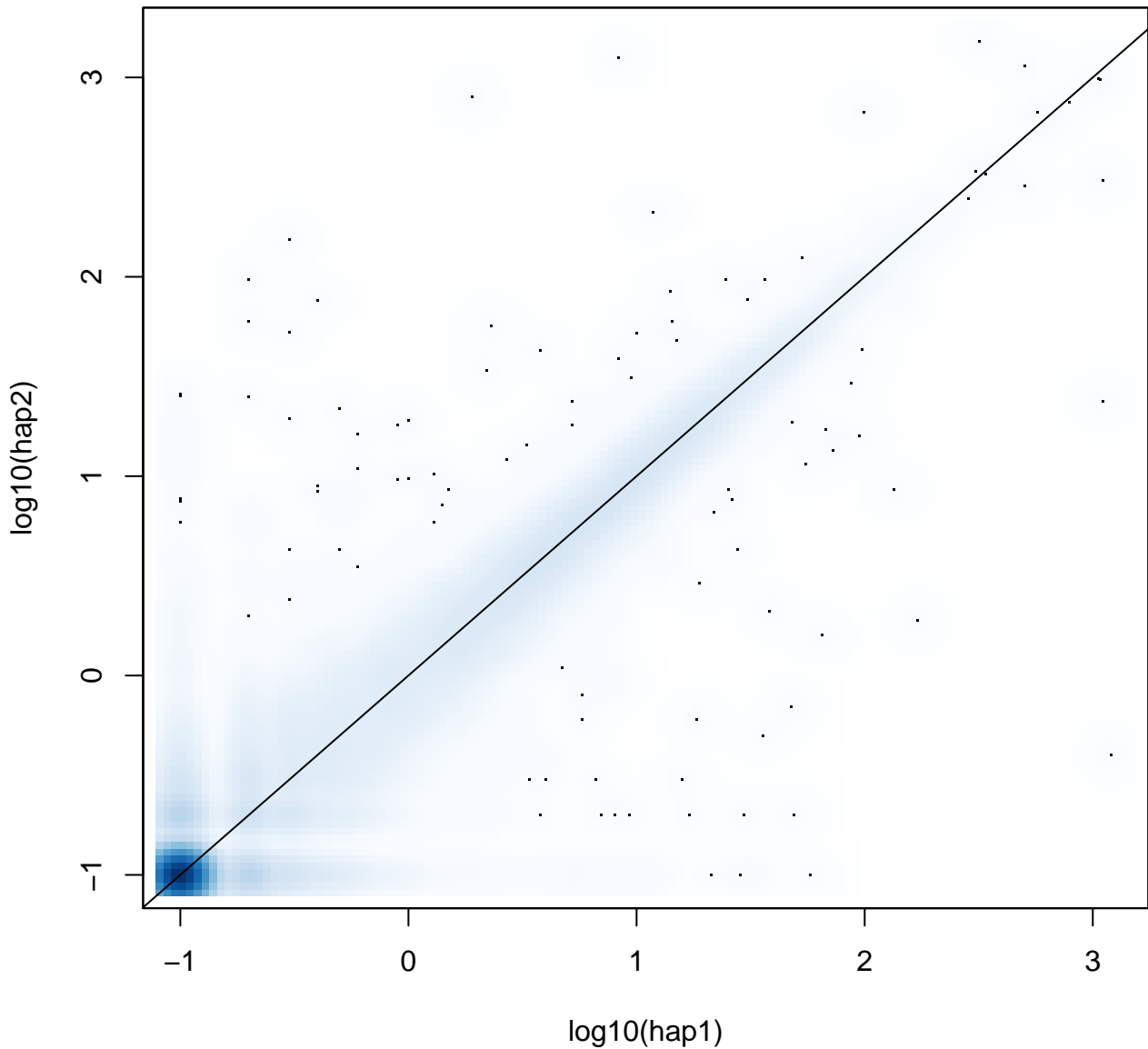
# NA20801: compare hap1 vs hap2 counts



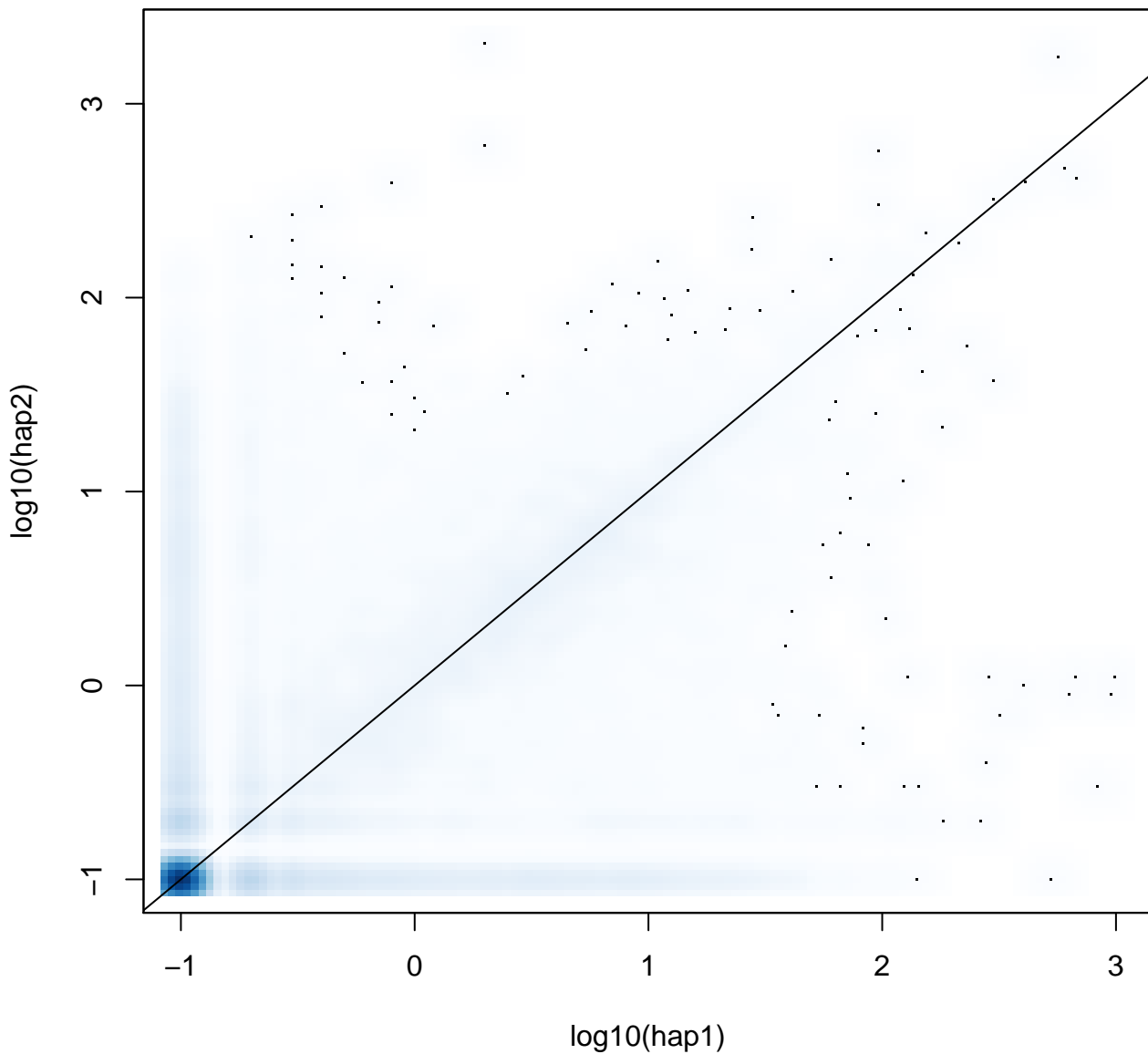
# NA20802: compare hap1 vs hap2 counts



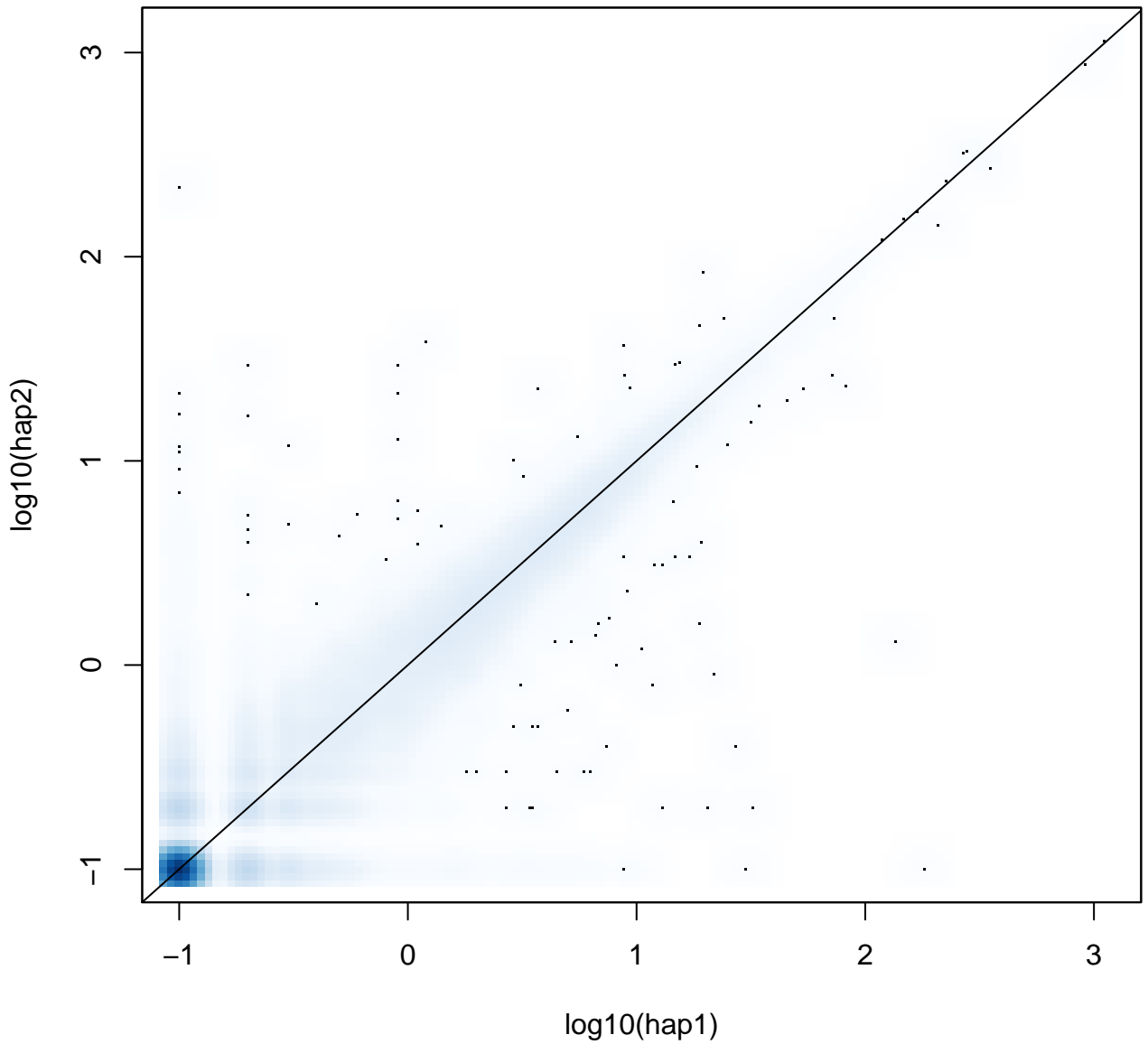
# NA20803: compare hap1 vs hap2 counts



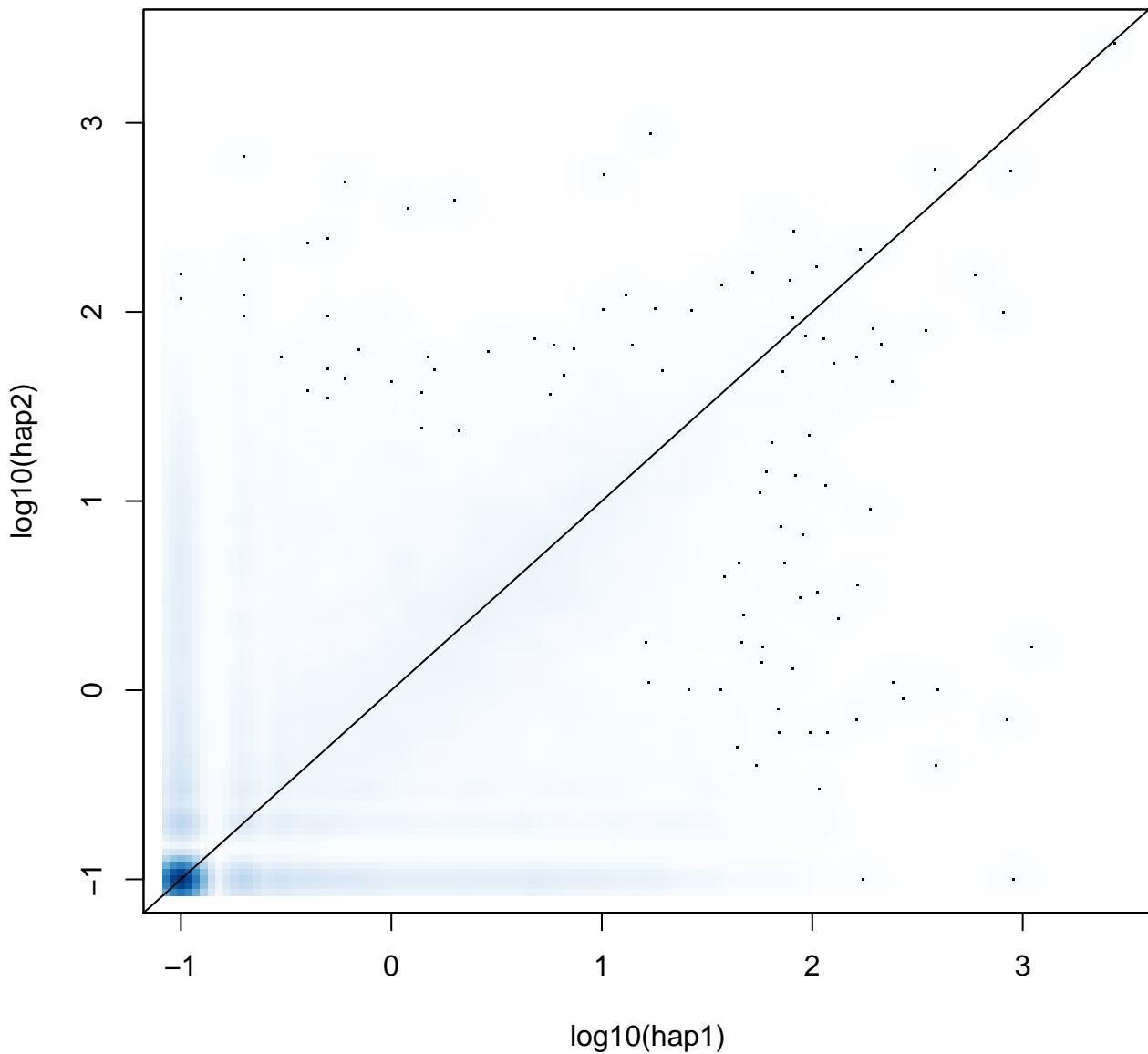
# NA20804: compare hap1 vs hap2 counts



# NA20805: compare hap1 vs hap2 counts

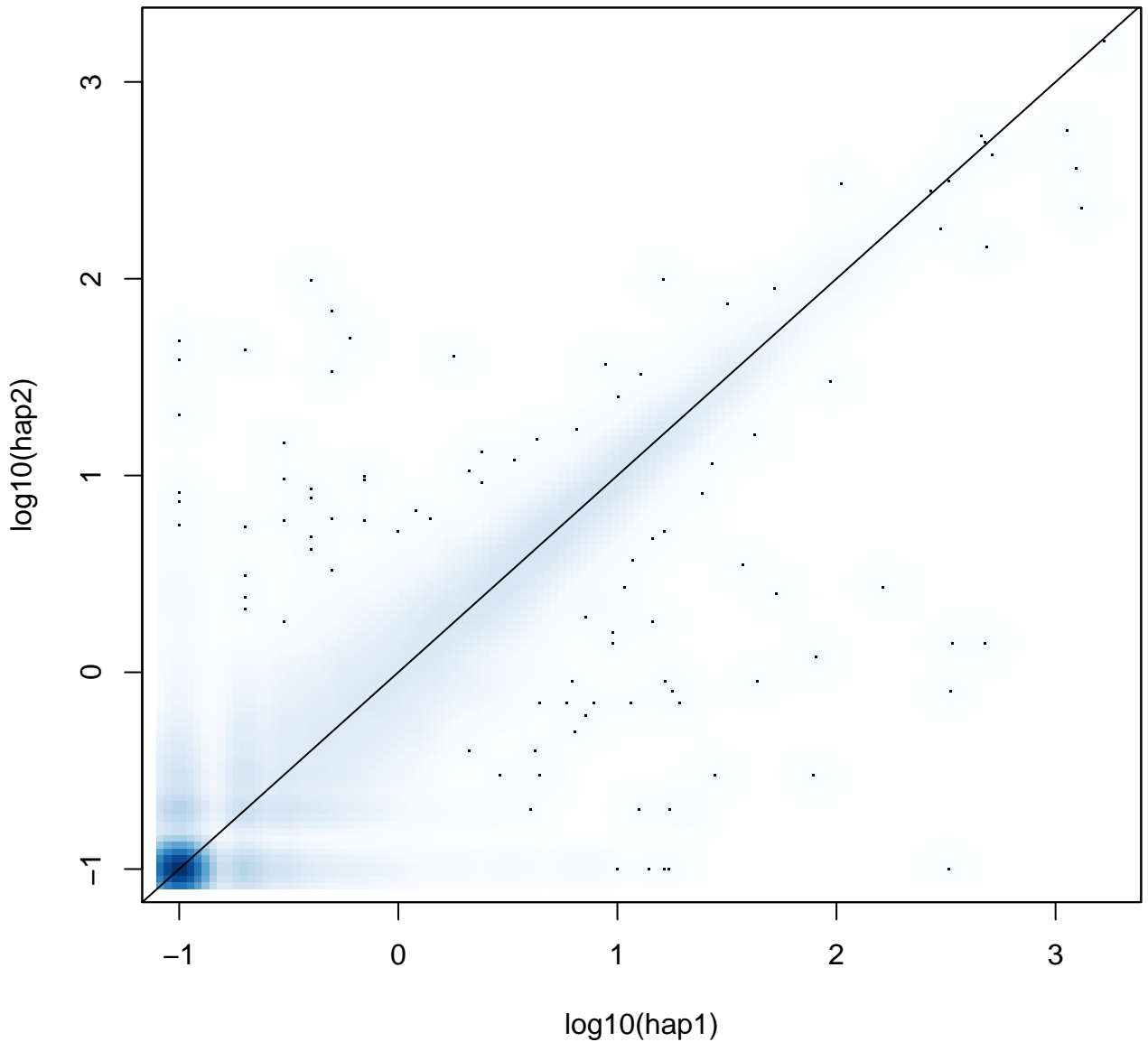


# NA20806: compare hap1 vs hap2 counts

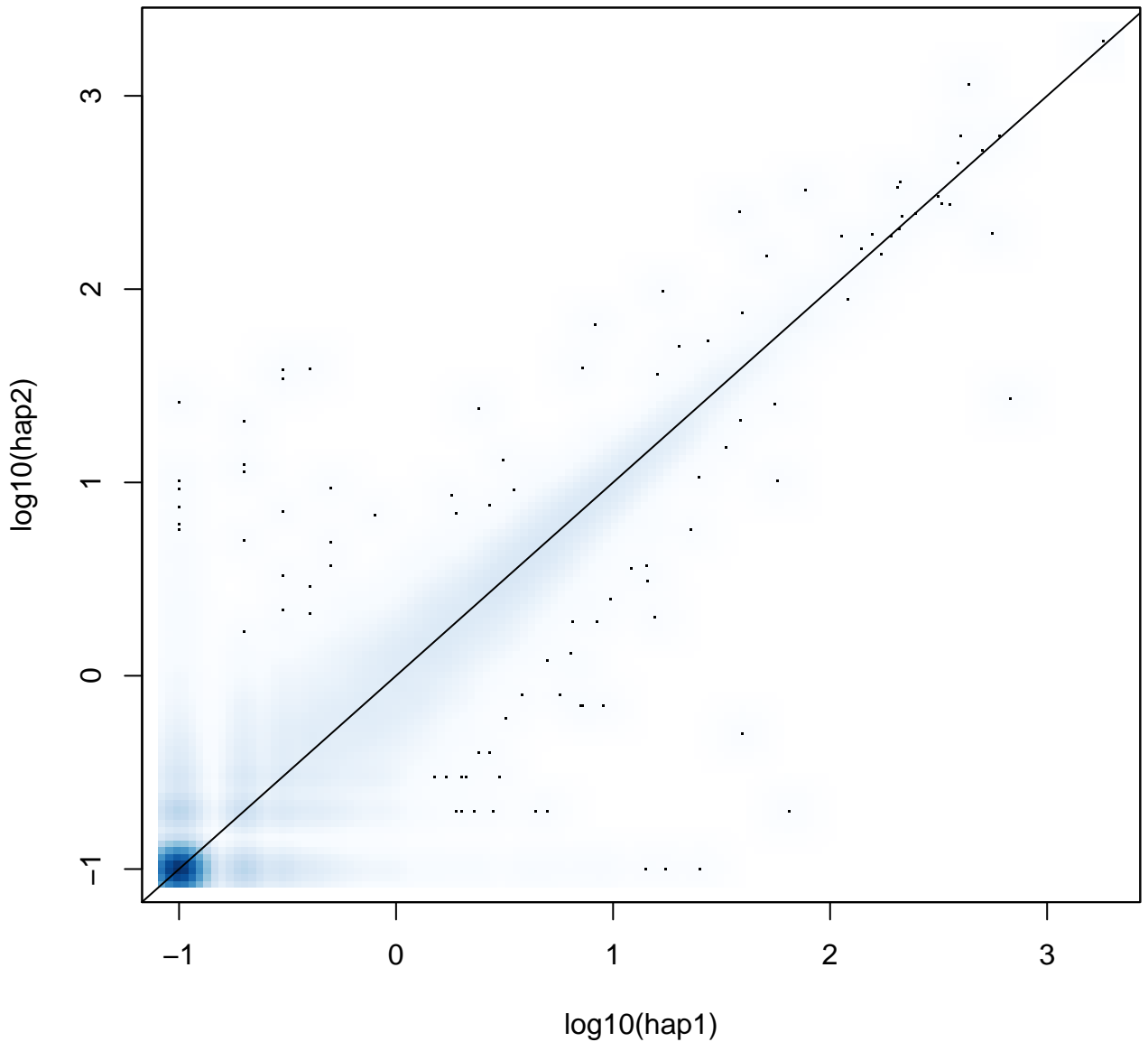




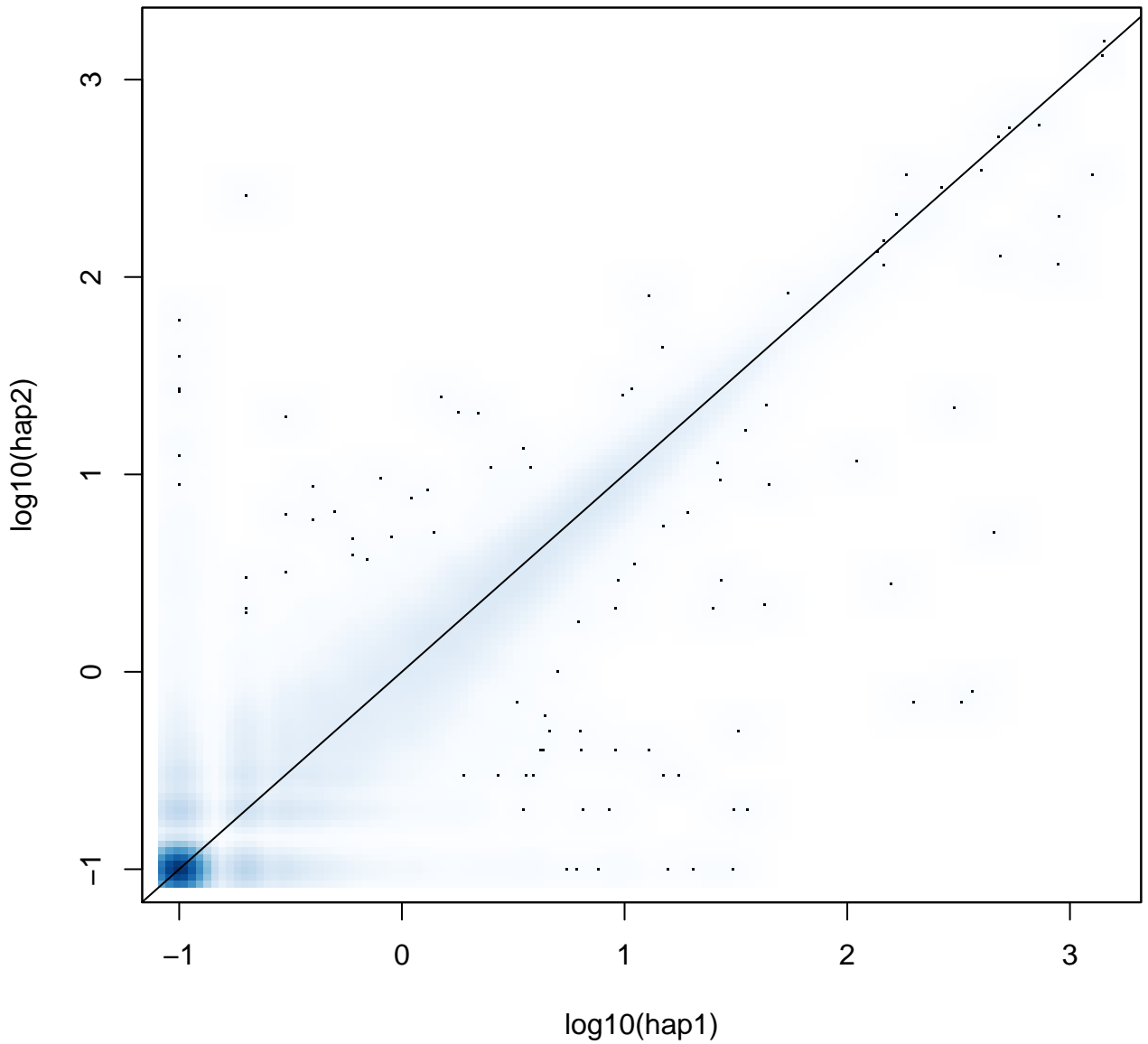
# NA20807: compare hap1 vs hap2 counts



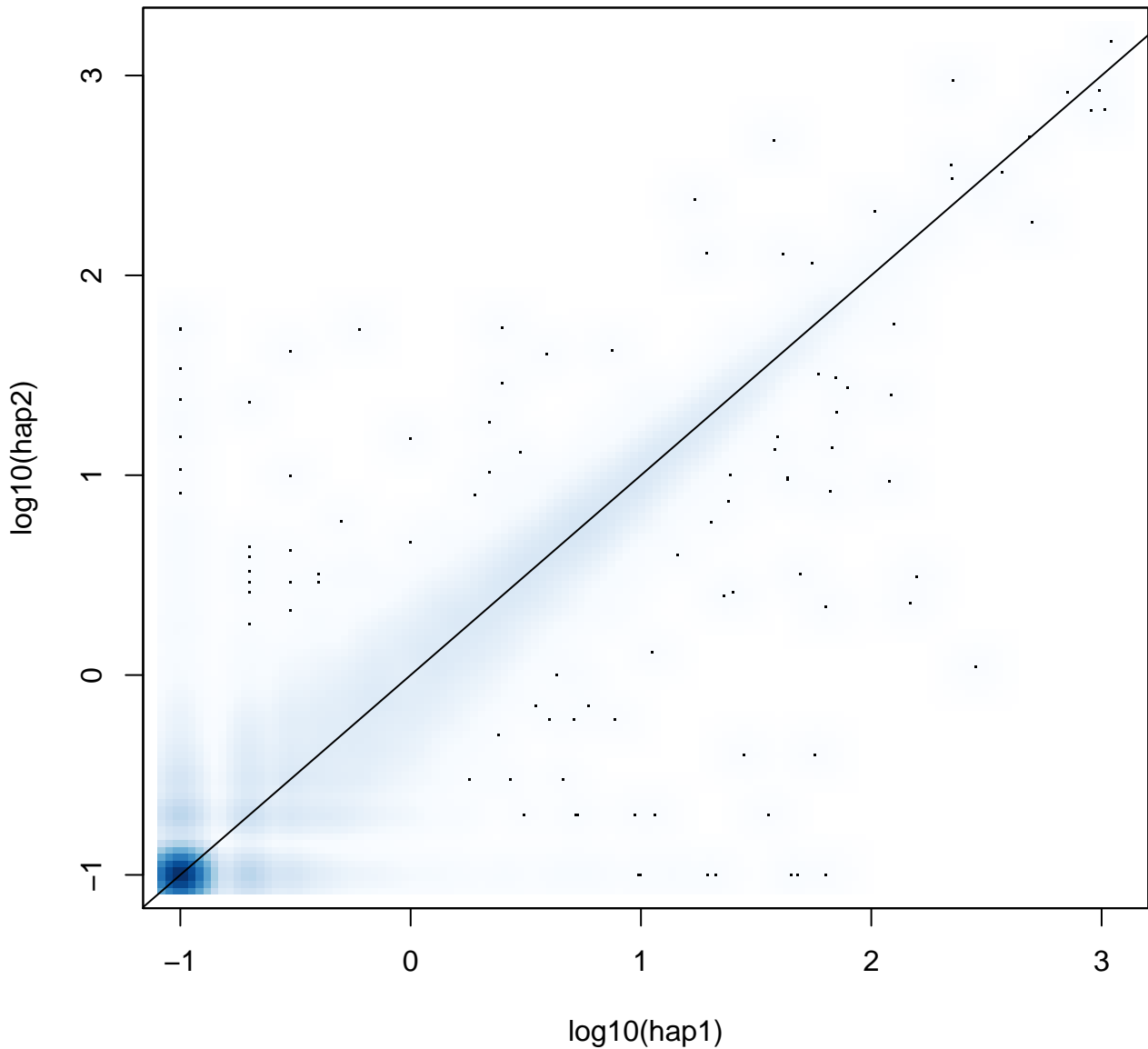
# NA20808: compare hap1 vs hap2 counts



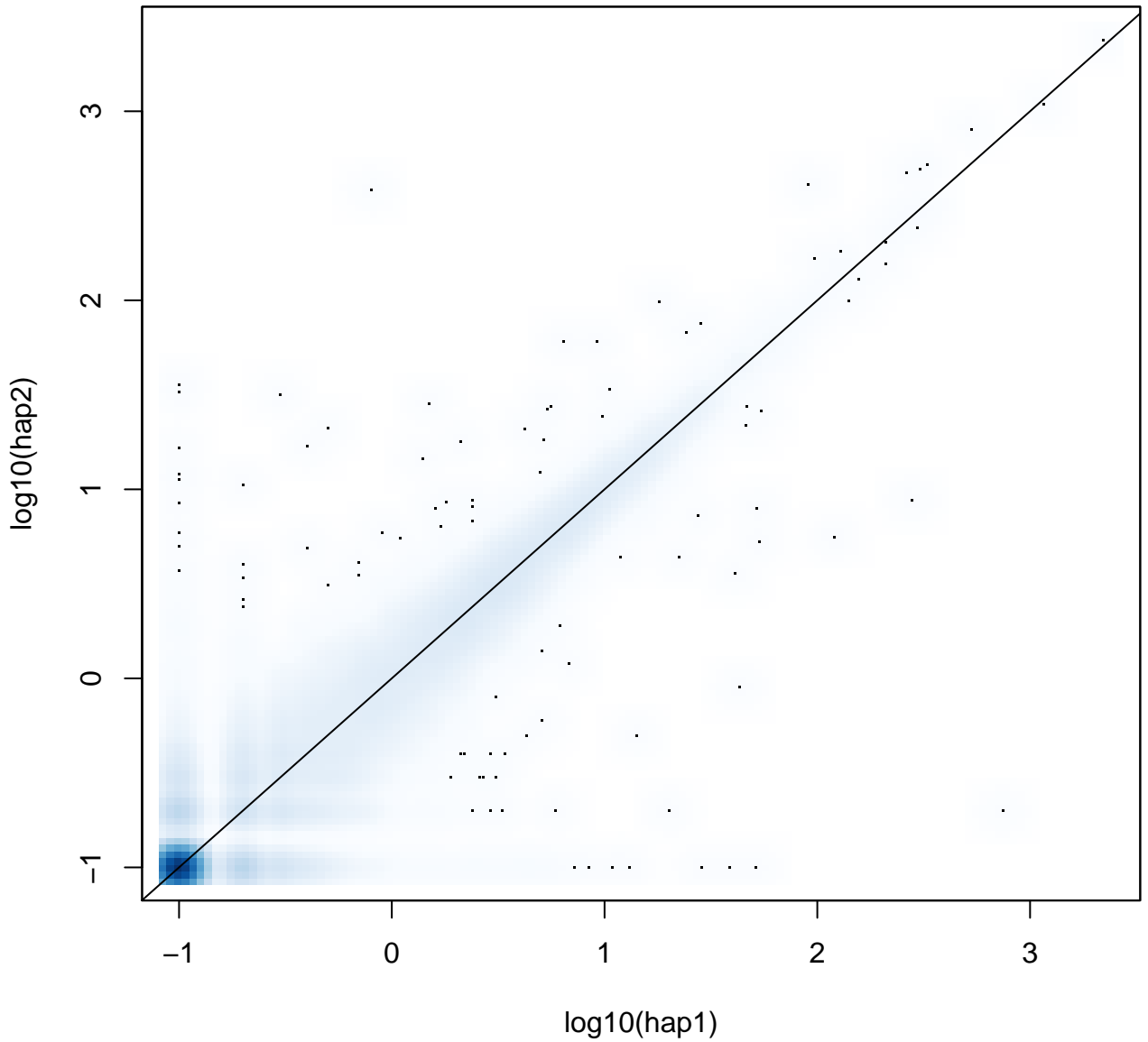
# NA20809: compare hap1 vs hap2 counts



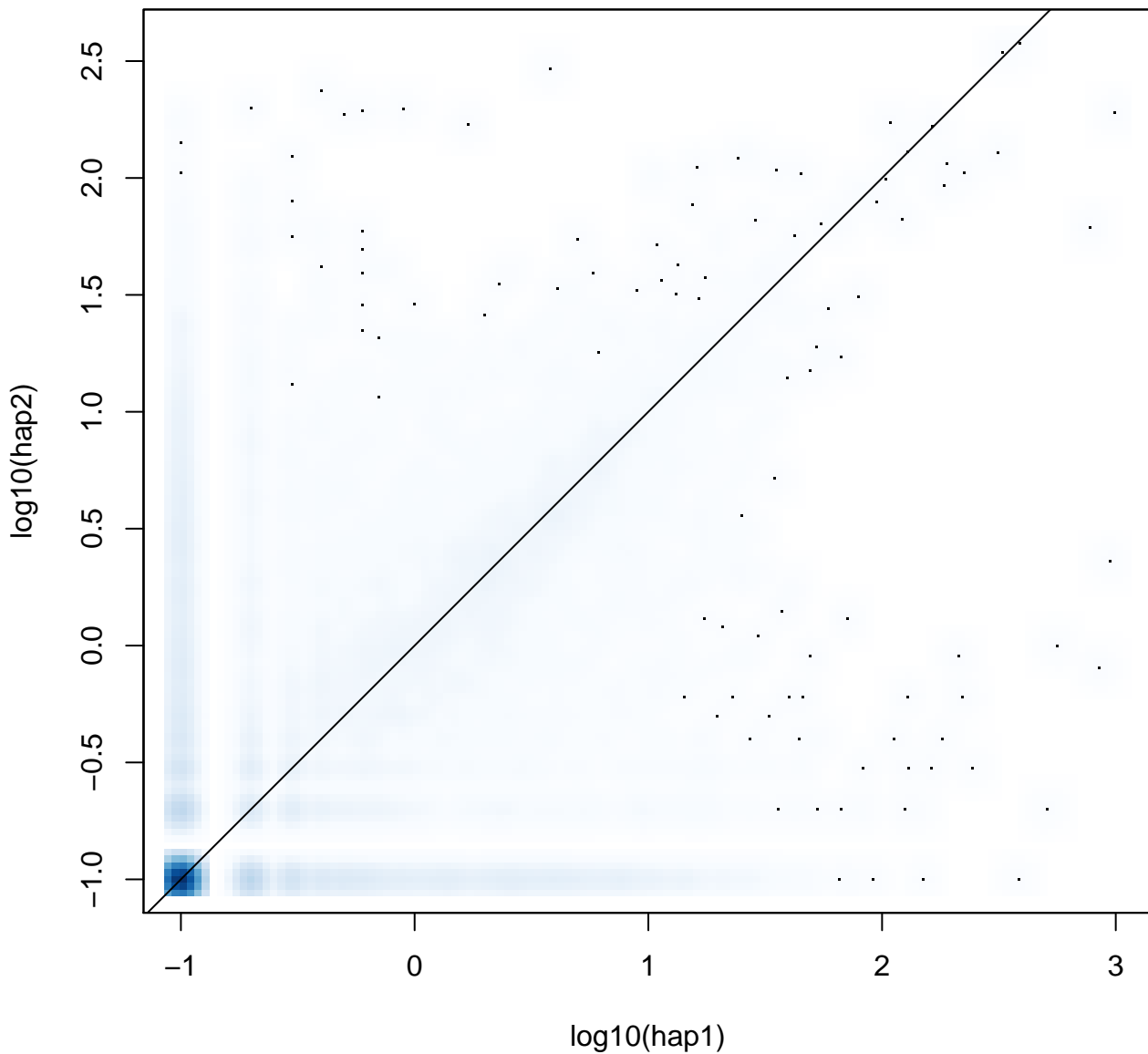
# NA20810: compare hap1 vs hap2 counts



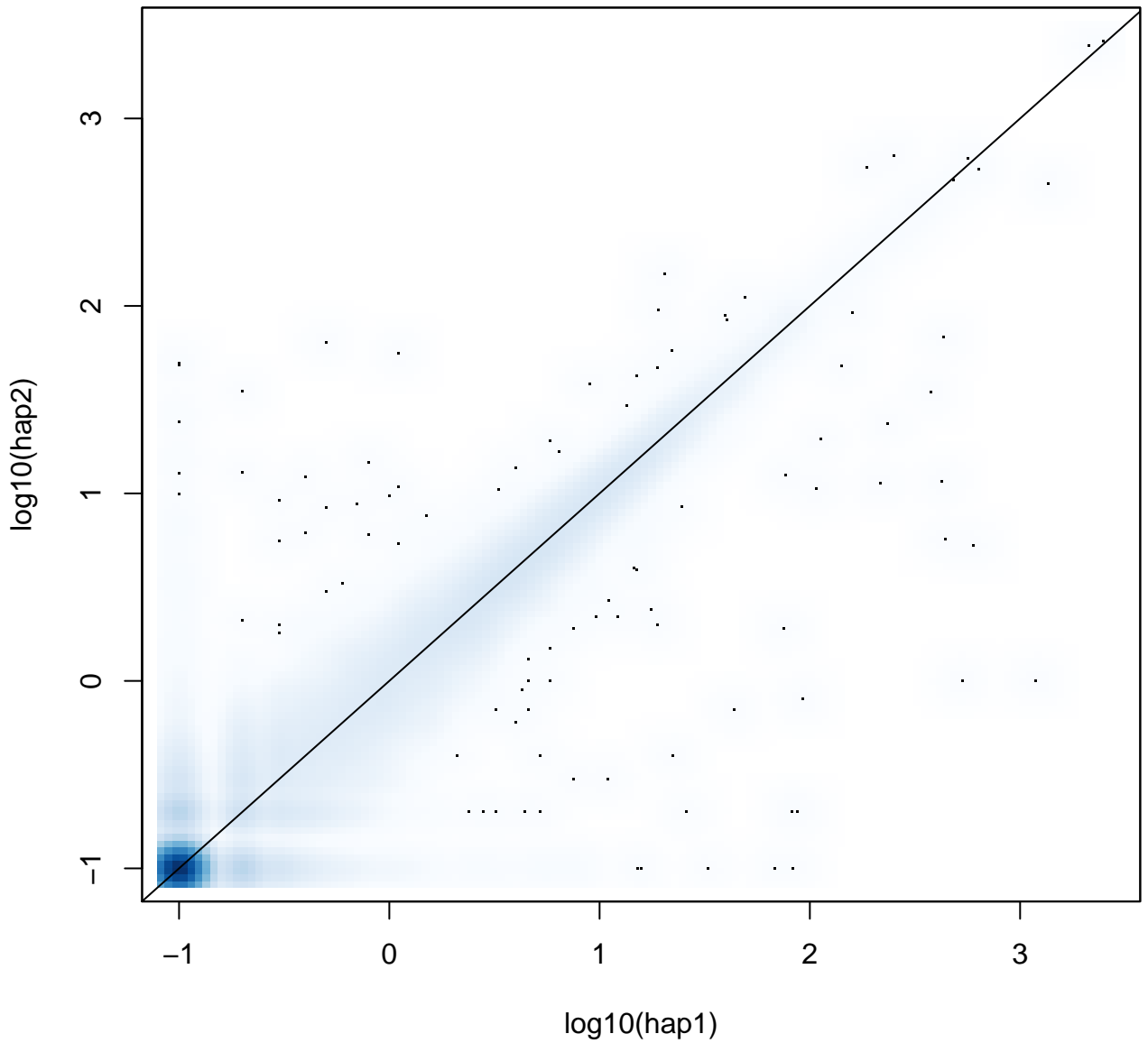
# NA20811: compare hap1 vs hap2 counts



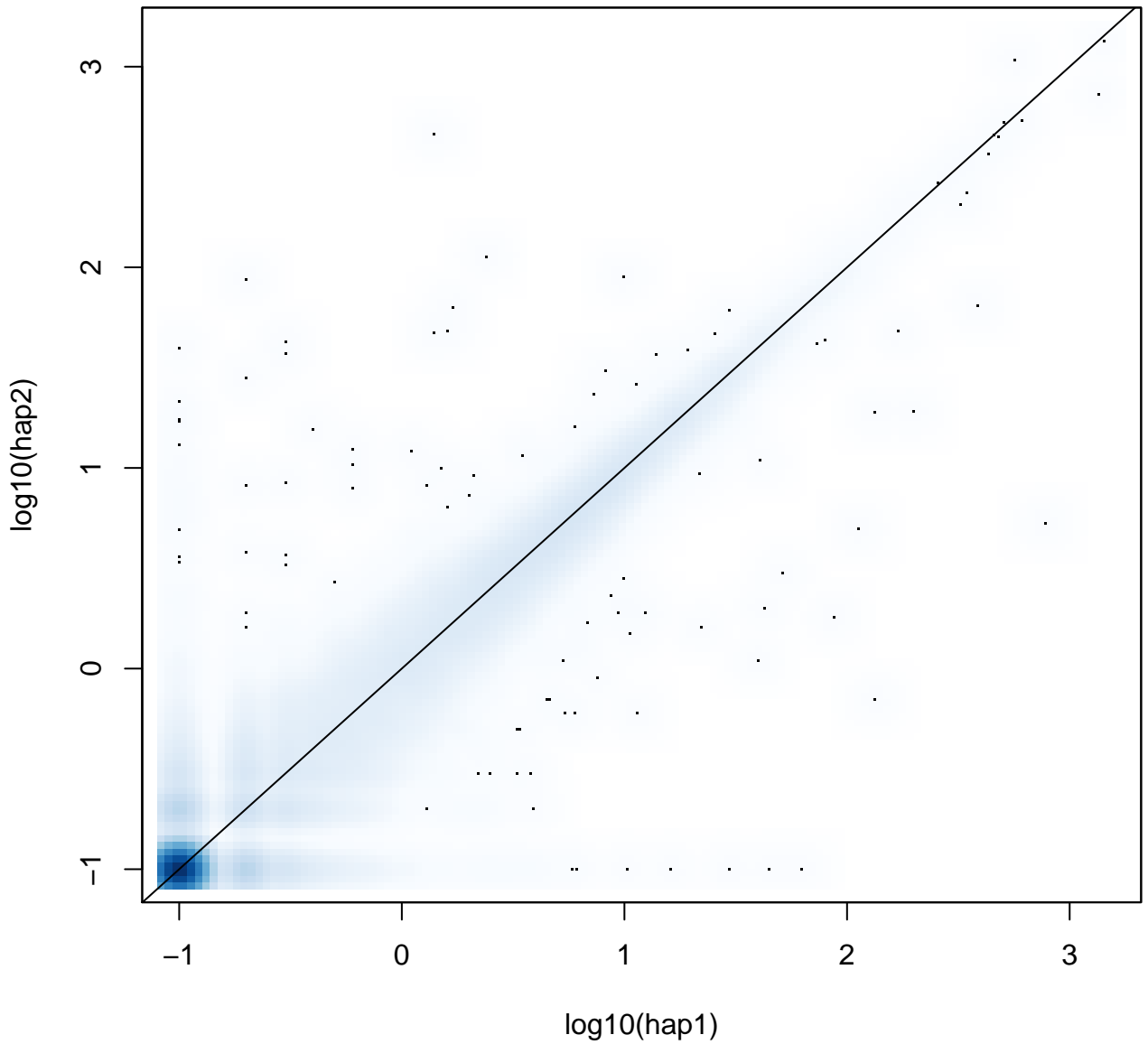
# NA20812: compare hap1 vs hap2 counts



# NA20813: compare hap1 vs hap2 counts

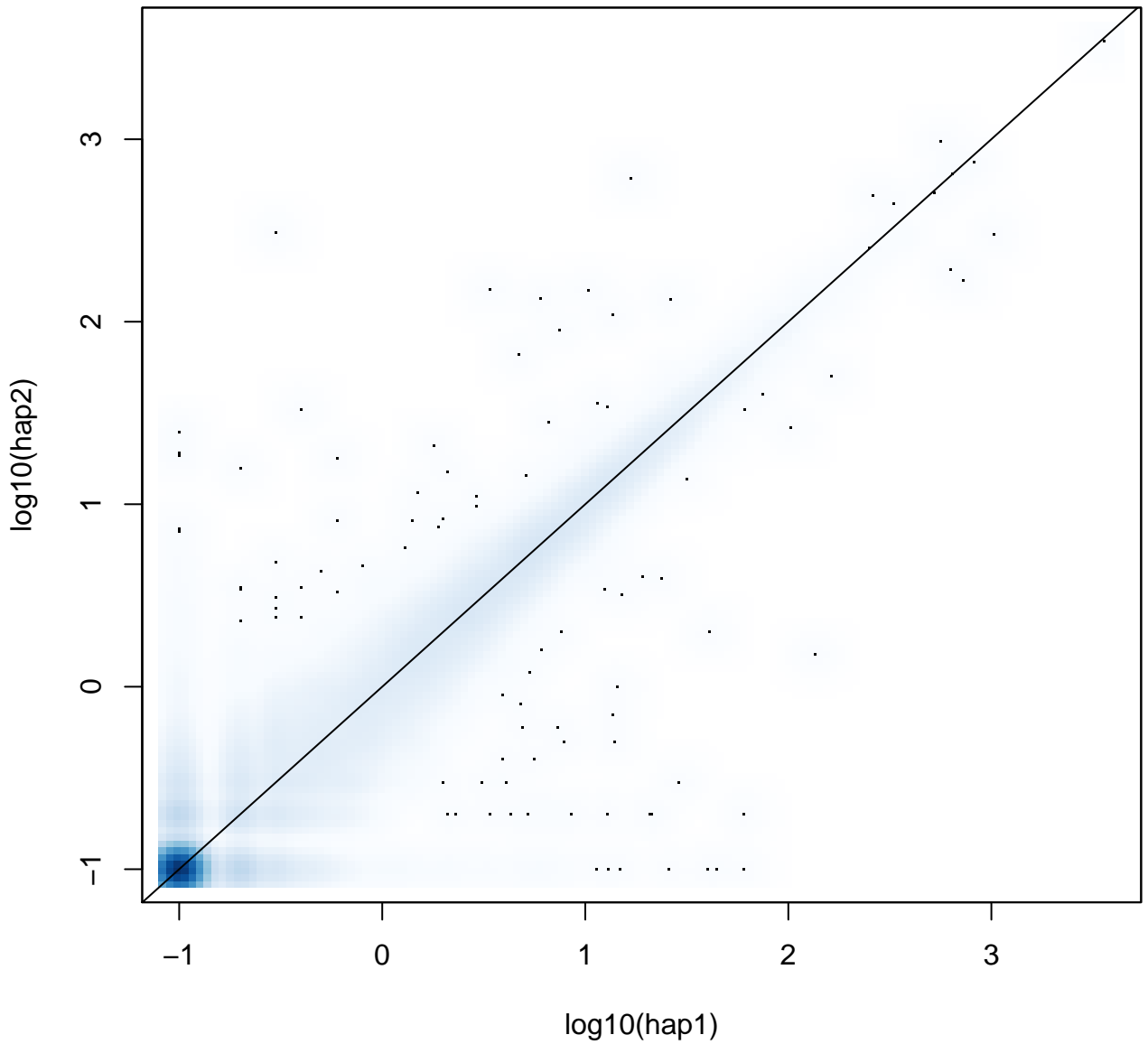


# NA20814: compare hap1 vs hap2 counts





# NA20815: compare hap1 vs hap2 counts



# NA20826: compare hap1 vs hap2 counts

