## M.ochrogaster [Irgb6-OG1] Irgb6-OG1 [Irgd] Irgm3 Irgb10 IrgbTandem [Irgb6–OG2] IrgbTandem Irgm2 Irgm1 Chr18 40550376 40568623 40589703 49669933 49697918 49721897 49740917 49750215 49767550 49784227 Irga4 Irga2–6 Irga2–6 Irga4 Irga4 Irga4 Irga4 Irga3 Irga4 Irga4 Chr7 46076349 46093399 46124588 46133291 46145460 46157884 46177023 46215857 46259692 46283687 Irgq Irgc LG4 19469635 19570210 A.amphibius Irgm3 Irgb10 Irgb6-OG1 Irgb6–OG2 IrgbTandem Irgm2 [IrgbTandem] [IrgbTandem] Irgm1 Irgm2 Irgm2 Irgd 62788926 62798428 62830665 62846587 62868918 71623862 71650573 71675083 71730000 71742114 71765779 71708275 Irga2-6 Irga4 Irga2–6 Irga4 [Irga3] Irga4 Irga4 Irga4 134782852 134858423 134915920 134954251 134807075 134826673 134880602 134938209 Irgq 74549117 Irgc 74452811 M.glareolus Irga3 Irga4 Irga4 Irga2-6 Irga4 LR761921.1 21849150 21892219 22002671 22098716 22169156 Irgm2 Irgm3 Irgb10 LR761979.1 6847908 6880285 6897942 Irgb6-OG2 Irgm1 Irgb6-OG1 IrgbTandem Irgb6-OG1 **Irgd** Irgb6-OG1 LR761981.1 399086 404709 360002 428471 452517 476394 514295 Irgc Irgq LR761995.1 1408599 1506988 P.leucopus Irgc 171610104 171717600 [Irgb6-OG1] Irgm1 Irgb6-OG1 IrgbTandem IrgbTandem 40758791 31985442 32012884 32034183 32055289 32078514 32124029 32146779 Irga4 Irga4 Irga3 47575762 47679731 47738447 NW\_023504290.1 NW\_023504528.1 33239 NW\_023504529.1 13003 M.auratus Irgb10 NW\_004801614.1 18797368 18797368 18837833 Irgb6-OG1 NW\_004801634.1 2761525 2818275 Irga4 Irga4 Irga4 [Irga3] Irga4 NW\_004801652.1 13272763 13489781 13323244 13379311 13399647 13619359 Irgq NW\_004801821. 1528372 1641100 NW\_004802954.1 NW\_004803429.1 10640