

am_l / am_s	$m_\pi L$	Lattice	# Lats
$a = 0.12$ fm			
0.40/0.40	29.4	$20^3 \times 64$	332
0.20/0.20	19.6	$20^3 \times 64$	341
0.10/0.10	13.7	$20^3 \times 64$	339
0.05/0.05	9.7	$20^3 \times 64$	425
0.04/0.05	8.7	$20^3 \times 64$	351
0.03 / 0.05	7.6	$20^3 \times 64$	564
0.02 / 0.05	6.2	$20^3 \times 64$	2052E
0.01 / 0.05	4.5	$20^3 \times 64$	2260E
0.01 / 0.05	6.3	$28^3 \times 64$	241
0.007 / 0.05	3.8	$20^3 \times 64$	2077E
0.005 / 0.05	3.8	$24^3 \times 64$	2092E
0.03 / 0.03	7.6	$20^3 \times 64$	359
0.01 / 0.03	4.5	$20^3 \times 64$	346
0.005 / 0.005	4.4	$32^3 \times 64$	860C
$a = 0.09$ fm			
0.0124 / 0.031	5.8	$28^3 \times 96$	1996E
0.0093 / 0.031	5.0	$28^3 \times 96$	859C
0.0062 / 0.031	4.1	$28^3 \times 96$	1985E
0.00465 / 0.031	4.1	$32^3 \times 96$	342C
0.0031 / 0.031	4.2	$40^3 \times 96$	1013E
0.00155 / 0.031	4.2	$64^3 \times 96$	500R
0.0062 / 0.0186	4.1	$28^3 \times 96$	735C
0.0031 / 0.0186	4.2	$40^3 \times 96$	566C
0.0031 / 0.0031	4.2	$40^3 \times 96$	350R
$a = 0.06$ fm			
0.0072 / 0.018	6.3	$48^3 \times 144$	635C
0.0054 / 0.018	5.5	$48^3 \times 144$	600C
0.0036 / 0.018	4.5	$48^3 \times 144$	730C
0.0025 / 0.018	4.5	$56^3 \times 144$	800C
0.0018 / 0.018	4.3	$64^3 \times 144$	750C
0.0036 / 0.0108	4.5	$48^3 \times 144$	600C
$a = 0.045$ fm			
0.0030 / 0.015	4.1	$64^3 \times 192$	800C

Table 1: MILC three flavor asqtad gauge configurations with $a \leq 0.12$ fm as of December 31, 2008. The first column gives the light and strange quark masses in lattice units, the second column the product of the Goldstone pion mass and the spatial width of the lattice, and the third the lattice dimensions. The last column indicates the number of equilibrated configurations. Ensembles marked with a *C* were completed in (approximately) the past year, those marked with an *E* were extended, and those marked with an *R* are still running. The configurations listed in this table are the last we plan to generate with the asqtad action. We are exploring the highly improved staggered quark (HISQ) action of the HPQCD Collaboration for use in further gauge configuration generation.