$p \setminus q$	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
3	3	2^2	3	1	$\mathbb{Z}^2$	1	3	2^2	3	1	$\mathbb{Z}^2$	1	3	2^2	3	1	$\mathbb{Z}^2$	1	3
4	4	3	$2\times\mathbb{Z}^2$	5	12	7	$4\times\mathbb{Z}^2$	9	20	11	$6\times\mathbb{Z}^2$	13	28	15	$8\times\mathbb{Z}^2$	17	36	19	$10\times\mathbb{Z}^2$
5	5	1	5	2^4	5	1	5	1	$\mathbb{Z}^4$	1	5	1	5	2^4	5	1	5	1	$\mathbb{Z}^4$
6	6	$\mathbb{Z}^2$	12	5	$2\times\mathbb{Z}^4$	7	24	$3\times\mathbb{Z}^2$	30	11	$4\times\mathbb{Z}^4$	13	42	$5\times\mathbb{Z}^2$	48	17	$6\times\mathbb{Z}^4$	19	60
7	7	1	7	1	7	2^6	7	1	7	1	7	1	$\mathbb{Z}^6$	1	7	1	7	1	7
8	8	3	$4\times\mathbb{Z}^2$	5	24	7	$2\times\mathbb{Z}^6$	9	40	11	$12\times\mathbb{Z}^2$	13	56	15	$4\times\mathbb{Z}^6$	17	72	19	$20\times\mathbb{Z}^2$
9	9	2^2	9	1	$3\times\mathbb{Z}^2$	1	9	2^8	9	1	$3\times\mathbb{Z}^2$	1	9	2^2	9	1	$\mathbb{Z}^8$	1	9
10	10	3	20	$\mathbb{Z}^4$	30	7	40	9	$2\times\mathbb{Z}^8$	11	60	13	70	$3\times\mathbb{Z}^4$	80	17	90	19	$4\times\mathbb{Z}^8$
11	11	1	11	1	11	1	11	1	11	2^{10}	11	1	11	1	11	1	11	1	11
12	12	$\mathbb{Z}^2$	$6\times\mathbb{Z}^2$	5	$4\times\mathbb{Z}^4$	7	$12\times\mathbb{Z}^2$	$3\times\mathbb{Z}^2$	60	11	$2\times\mathbb{Z}^{10}$	13	84	$5\times\mathbb{Z}^2$	$24\times\mathbb{Z}^2$	17	$12\times\mathbb{Z}^4$	19	$30\times\mathbb{Z}^2$
13	13	1	13	1	13	1	13	1	13	1	13	2^{12}	13	1	13	1	13	1	13
14	14	3	28	5	42	$\mathbb{Z}^6$	56	9	70	11	84	13	$2\times\mathbb{Z}^{12}$	15	112	17	126	19	140
15	15	2^2	15	2^4	$5\times\mathbb{Z}^2$	1	15	2^2	$3\times\mathbb{Z}^4$	1	$5\times\mathbb{Z}^2$	1	15	2^{14}	15	1	$5\times\mathbb{Z}^2$	1	$3\times\mathbb{Z}^4$
16	16	3	$8\times\mathbb{Z}^2$	5	48	7	$4\times\mathbb{Z}^6$	9	80	11	$24\times\mathbb{Z}^2$	13	112	15	$2\times\mathbb{Z}^{14}$	17	144	19	$40\times\mathbb{Z}^2$
17	17	1	17	2	17	1	17	1	17	1	17	1	17	1	17	2^{16}	17	1	17
18	18	$\mathbb{Z}^2$	36	5	$6\times\mathbb{Z}^4$	7	72	$\mathbb{Z}^8$	90	11	$12\times\mathbb{Z}^4$	13	126	$5\times\mathbb{Z}^4$	144	17	$2\times\mathbb{Z}^{16}$	19	180
19	19	1	19	1	19	1	19	1	19	1	19	1	19	1	19	1	19	2^{18}	19
20	20	3	$10\times\mathbb{Z}^2$	$\mathbb{Z}^4$	60	7	$20\times\mathbb{Z}^2$	9	$4\times\mathbb{Z}^8$	11	$30\times\mathbb{Z}^2$	13	140	$3\times\mathbb{Z}^4$	$40\times\mathbb{Z}^2$	17	180	19	$2\times\mathbb{Z}^{18}$

Table 2.1: $H_1(\Sigma(L))$ for (p,q) torus links with $2 \leq (p,q) \leq 20$. x implies a group $\mathbb{Z}_x$, integer summands are given as usual.