

| $\mu \setminus \lambda$ | [6] | [5, 1]                      | [4, 2]   | [4, 1, 1]   |
|-------------------------|-----|-----------------------------|--|---|
| [6]                     | 1   | $q^5 + q^4 + q^3 + q^2 + q$ | $q^8 + q^7 + 2q^6 + q^5 + 2q^4 + q^3 + q^2$                | $q^9 + 2q^7 + q^8 + 2q^6 + 2q^5 + q^4 + q^3$                        |
| [5, 1]                  | 1   | $t + q + q^2 + q^3 + q^4$   | $q^3t + 2q^4 + q^6 + q^2t + q^3 + q^5 + qt + q^2$          | $q^3t + q^4t + 2q^5 + q^6 + q^7 + qt + q^2t + q^3 + q^4$            |
| [4, 2]                  | 1   | $q^3 + q^2 + q + qt + t$    | $2q^4 + q^3 + q^3t + q^2 + 2q^2t + qt + t^2$               | $q^5 + q^4 + q^4t + q^3 + 2q^3t + 2q^2t + qt + qt^2$                |
| [4, 1, 1]               | 1   | $q^3 + q^2 + q + t + t^2$   | $q^4 + q^2t^2 + q^3t + q^3 + qt^2 + q^2t + q^2 + t^2 + qt$ | $q^5 + q^4 + q^3 + q^3t + q^3t^2 + q^2t + q^2t^2 + qt + qt^2 + t^3$ |
| [3, 3]                  | 1   | $q^2 + q^2t + q + qt + t$   | $q^4 + q^2t^2 + q^3t + q^3 + qt^2 + q^2t + q^2 + t^2 + qt$ | $q^4t + q^3 + 2q^3t + q^3t^2 + 2q^2t + q^2t^2 + qt + qt^2$          |
| [3, 2, 1]               | 1   | $q^2 + q + qt + t + t^2$    | $q^3 + q^2 + 2q^2t + qt + 2qt^2 + t^2 + t^3$               | $q^3 + q^3t + 2q^2t + q^2t^2 + qt + 2qt^2 + qt^3 + t^3$             |
| [3, 1, 1, 1]            | 1   | $q^2 + q + t + t^2 + t^3$   | $q^2t^2 + t^4 + qt^3 + q^2t + t^3 + qt^2 + q^2 + t^2 + qt$ | $q^3 + q^2t + q^2t^2 + q^2t^3 + qt + qt^2 + qt^3 + t^3 + t^4 + t^5$ |
| [2, 2, 2]               | 1   | $q + qt + qt^2 + t + t^2$   | $q^2t^2 + t^4 + qt^3 + q^2t + t^3 + qt^2 + q^2 + t^2 + qt$ | $q^2t + q^2t^2 + q^2t^3 + qt + 2qt^2 + 2qt^3 + qt^4 + t^3$          |
| [2, 2, 1, 1]            | 1   | $q + qt + t + t^2 + t^3$    | $q^2 + qt + 2qt^2 + qt^3 + t^2 + t^3 + 2t^4$               | $q^2t + qt + 2qt^2 + 2qt^3 + qt^4 + t^3 + t^4 + t^5$                |
| [2, 1, 1, 1, 1]         | 1   | $q + t + t^2 + t^3 + t^4$   | $qt^3 + 2t^4 + t^6 + qt^2 + t^3 + t^5 + qt + t^2$          | $qt^3 + qt^4 + 2t^5 + t^6 + t^7 + qt + qt^2 + t^3 + t^4$            |
| [1, 1, 1, 1, 1, 1]      | 1   | $t^5 + t^4 + t^3 + t^2 + t$ | $t^8 + t^7 + 2t^6 + t^5 + 2t^4 + t^3 + t^2$                | $t^9 + 2t^7 + t^8 + 2t^6 + 2t^5 + t^4 + t^3$                        |

Cocharge  $K(q,t)$  for  $n=6$ 

| [3, 3]                              | [3, 2, 1]   | [3, 1, 1, 1]   |
|-------------------------------------|---|--|
| $q^9 + q^7 + q^6 + q^5 + q^3$       | $q^{11} + 2q^{10} + 2q^9 + 3q^8 + 3q^7 + 2q^6 + 2q^5 + q^4$                                   | $q^{12} + 2q^{10} + q^{11} + 2q^9 + 2q^8 + q^7 + q^6$                          |
| $q^2t + q^4t + q^3 + q^5 + q^6$     | $q^6t + 2q^4t + 2q^5t + 2q^3t + q^2t + q^8 + 2q^6 + 2q^7 + 2q^5 + q^4$                        | $2q^5t + q^6t + q^7t + q^8 + q^9 + q^3t + q^4t + q^6 + q^7$                    |
| $q^5 + q^3 + q^3t + q^2t + qt^2$    | $q^6 + 2q^5 + q^4 + q^5t + 3q^4t + 3q^3t + q^2t + q^3t^2 + 2q^2t^2 + qt^2$                    | $q^6 + q^6t + 2q^5t + 2q^4t + q^4t^2 + q^3t + q^3t^2 + q^2t^2$                 |
| $q^4t + q^3 + q^2t + q^2t^2 + qt^2$ | $q^5t + q^5 + 2q^4t + q^4 + q^4t^2 + 2q^3t^2 + 2q^3t + 2q^2t^2 + q^2t + q^2t^3 + qt^3 + qt^2$ | $q^6 + q^5t + q^5t^2 + q^4t + q^4t^2 + q^3t + q^3t^2 + q^3t^3 + q^2t^3 + qt^3$ |
| $q^4t + q^3 + q^3t + q^2t + t^3$    | $q^5t + q^5 + 2q^4t + q^4 + q^4t^2 + 2q^3t^2 + 2q^3t + 2q^2t^2 + q^2t + q^2t^3 + qt^3 + qt^2$ | $q^5t + q^5t^2 + q^4t + 2q^4t^2 + q^3t + 2q^3t^2 + q^3t^3 + q^2t^2$            |
| $q^3 + q^2t + q^2t^2 + qt^2 + t^3$  | $q^4 + 3q^3t + q^3t^2 + q^2t + 4q^2t^2 + q^2t^3 + qt^2 + 3qt^3 + t^4$                         | $q^4t + q^3t + 2q^3t^2 + q^3t^3 + q^2t^2 + 2q^2t^3 + qt^3 + qt^4$              |
| $q^2t + q^2t^2 + qt^2 + qt^4 + t^3$ | $q^3t^2 + 2q^2t^2 + q^3t + q^2t + 2q^2t^3 + 2qt^3 + qt^2 + q^2t^4 + 2qt^4 + qt^5 + t^5 + t^4$ | $q^3t + q^3t^2 + q^3t^3 + q^2t^3 + q^2t^4 + q^2t^5 + qt^3 + qt^4 + qt^5 + t^6$ |
| $q^3 + qt^2 + qt^3 + qt^4 + t^3$    | $q^3t^2 + 2q^2t^2 + q^3t + q^2t + 2q^2t^3 + 2qt^3 + qt^2 + q^2t^4 + 2qt^4 + qt^5 + t^5 + t^4$ | $q^3t^3 + q^2t^2 + 2q^2t^3 + 2q^2t^4 + q^2t^5 + qt^3 + qt^4 + qt^5$            |
| $q^2t + qt^2 + qt^3 + t^3 + t^5$    | $q^2t^3 + 2q^2t^2 + q^2t + 3qt^4 + 3qt^3 + qt^2 + qt^5 + t^6 + 2t^5 + t^4$                    | $q^2t^2 + q^2t^3 + q^2t^4 + qt^3 + 2qt^4 + 2qt^5 + qt^6 + t^6$                 |
| $qt^2 + qt^4 + t^3 + t^5 + t^6$     | $qt^6 + 2qt^4 + 2qt^5 + 2qt^3 + qt^2 + t^8 + 2t^6 + 2t^7 + 2t^5 + t^4$                        | $2qt^5 + qt^6 + t^7q + t^8 + t^9 + qt^3 + qt^4 + t^6 + t^7$                    |
| $t^9 + t^7 + t^6 + t^5 + t^3$       | $t^{11} + 2t^{10} + 2t^9 + 3t^8 + 3t^7 + 2t^6 + 2t^5 + t^4$                                   | $t^{12} + 2t^{10} + t^{11} + 2t^9 + 2t^8 + t^7 + t^6$                          |

| [2, 2, 2]                                 | [2, 2, 1, 1]   | [2, 1, 1, 1, 1]                              | [1, 1, 1, 1, 1, 1] |
|---|--|--|--------------------|
| $q^{12} + q^{10} + q^9 + q^8 + q^6$       | $q^{13} + q^{12} + 2q^{11} + q^{10} + 2q^9 + q^8 + q^7$                    | $q^{14} + q^{13} + q^{12} + q^{11} + q^{10}$ | $q^{15}$           |
| $q^4t + q^5t + q^7t + q^6 + q^8$          | $2q^6t + q^8t + q^9 + q^5t + q^7t + q^8 + q^4t + q^7$                      | $q^6t + q^7t + q^8t + q^9t + q^{10}$         | $tq^{10}$          |
| $q^6 + q^5t + q^4t + q^4t^2 + q^2t^2$     | $q^7 + q^6t + 2q^5t + q^5t^2 + q^4t + q^4t^2 + 2q^3t^2$                    | $q^7t + q^6t + q^6t^2 + q^5t^2 + q^4t^2$     | $t^2q^7$           |
| $q^5t + q^4t + q^4t^2 + q^3t^3 + q^2t^2$  | $q^6t + q^4t^3 + q^5t^2 + q^5t + q^3t^3 + q^4t^2 + q^4t + q^2t^3 + q^3t^2$ | $q^6t + q^6t^2 + q^5t^3 + q^4t^3 + q^3t^3$   | $t^3q^6$           |
| $q^6 + q^4t^2 + q^3t^2 + q^3t^3 + q^2t^2$ | $q^6t + q^4t^3 + q^5t^2 + q^5t + q^3t^3 + q^4t^2 + q^4t + q^2t^3 + q^3t^2$ | $q^6t^2 + q^5t^2 + q^5t^3 + q^4t^2 + q^4t^3$ | $t^3q^6$           |
| $q^4t + q^3t^2 + q^2t^2 + q^2t^3 + qt^4$  | $q^4t + q^4t^2 + 2q^3t^2 + q^3t^3 + 2q^2t^3 + q^2t^4 + qt^4$               | $q^4t^2 + q^4t^3 + q^3t^3 + q^3t^4 + q^2t^4$ | $q^4t^4$           |
| $q^3t^3 + q^2t^2 + q^2t^4 + qt^4 + qt^5$  | $q^3t^4 + qt^6 + q^2t^5 + q^3t^3 + qt^5 + q^2t^4 + q^3t^2 + qt^4 + q^2t^3$ | $q^3t^3 + q^3t^4 + q^3t^5 + q^2t^6 + qt^6$   | $t^6q^3$           |
| $q^3t^3 + q^2t^2 + q^2t^3 + q^2t^4 + t^6$ | $q^3t^4 + qt^6 + q^2t^5 + q^3t^3 + qt^5 + q^2t^4 + q^3t^2 + qt^4 + q^2t^3$ | $q^3t^4 + q^3t^5 + q^2t^4 + q^2t^5 + q^2t^6$ | $t^6q^3$           |
| $q^2t^2 + q^2t^4 + qt^4 + qt^5 + t^6$     | $2q^2t^3 + q^2t^4 + q^2t^5 + qt^4 + 2qt^5 + qt^6 + t^7$                    | $q^2t^4 + q^2t^5 + q^2t^6 + qt^6 + t^7q$     | $t^7q^2$           |
| $qt^4 + qt^5 + t^7q + t^6 + t^8$          | $2qt^6 + t^8q + t^9 + qt^5 + t^7q + t^8 + qt^4 + t^7$                      | $qt^6 + t^7q + t^8q + t^9q + t^{10}$         | $qt^{10}$          |
| $t^{12} + t^{10} + t^9 + t^8 + t^6$       | $t^{13} + t^{12} + 2t^{11} + t^{10} + 2t^9 + t^8 + t^7$                    | $t^{14} + t^{13} + t^{12} + t^{11} + t^{10}$ | $t^{15}$           |