Addendum

Theorem 6.12 of the Thesis holds in the following generality:

Theorem 6.12 *Assume type $A_{n\geq 2}$, B_2, C_n, D_n, E_6, E_7, E_8, F_4, or G_2. For a weight μ in the first or second weight cell and any modular tilting module Q we have*

$$[Q : T(\mu)] \quad = \quad [Q_q : T_q(\mu)].$$

Theorem 6.12 is known to be false in type A_1 and the Theorem is still open in type $B_{n\geq 3}$. The proof of Theorem 6.12 in types C_n and F_4 is not in the Thesis; write me if you want a copy. That the Theorem holds in type C_n, $n \geq 3$ and F_4 was expected, as the second weight cell is contained within the lowest p^2-alcove in these types.

Errata

p. 18 l. 11-12: replace "... Figure 2 ..." with "Figure 1".
p. 21 l. 8: replace $H_k^0(\lambda)$ with $H_k^0(-w_0\lambda)$.
p. 46 l. -6: replace "From (5.4) in Chapter 4..." with "From Equation (5.4) in Chapter 5".
p. 48 Theorem 6.3 (ii): under the assumptions, ε is always 1.
p. 49 l. 13: replace "... Table 1 on page 34 ..." with " Table 2 on page 33".
p. 57 l. 11: swap δ and β.
p. 58 l. 2 : swap δ and β.
p. 61 l. -14 and l. -9: replace $T(\lambda)$ with $T(\gamma)$.
p. 70 l. 7: replace $\lambda \mapsto \lambda - \langle\lambda, \alpha_{1,n}^\vee\rangle\alpha^\vee + p\alpha^\vee$ with $\lambda \mapsto \lambda - \langle\lambda, \alpha_{1,n}^\vee\rangle\alpha_{1,n} + p\alpha_{1,n}$.
p. 71 l. 8: replace $(i \neq n)$ with $(i \neq 1, n)$
p. 77 l. 7: replace $a_\lambda T_n(\lambda)$ with $a_\lambda T_n(\lambda)_\lambda$.
p. 83 Equation (9.6): subscript in summation should be $1 \leq l \leq j$.

Rasmussen, T.E.: 2002, *Second Cell Tilting Modules*, Ph.D. Thesis, University of Aarhus.