Supplementary material to article by Å. Ingvar et al. "No Association between Infections, HLA Type and Other Transplant-related Factors and Risk of Cutaneous Squamous Cell Carcinoma in Solid Organ Transplant Recipients"

Table SII. Relative risksa (RRs) of cutaneous squamous cellcarcinoma (SCC) after organ transplantation in relation to humanleukocyte antigen (HLA) types

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Not carrier 133 (64) 134 (71) Ref Carrier 58 (28) 48 (25) 1.4 (0.8–2.6) 0.21 Missing (%) 16 (8) 7 (4) 16 16 16 HLA-A11 172 (83) 161 (85) Ref 2000 21 (11) 0.6 (0.3–1.4) 0.24 Missing (%) 16 (8) 7 (4) 16
Carrier 58 (28) 48 (25) 1.4 (0.8–2.6) 0.21 Missing (%) 16 (8) 7 (4) 16
Missing (%) 16 (8) 7 (4) HLA-A11 172 (83) 161 (85) Ref Carrier 19 (9) 21 (11) 0.6 (0.3–1.4) 0.24 Missing (%) 16 (8) 7 (4) HLA-B27 167 (81) 161 (85) Ref
HLA-A11 Not carrier 172 (83) 161 (85) Ref Carrier 19 (9) 21 (11) 0.6 (0.3–1.4) 0.24 Missing (%) 16 (8) 7 (4) HLA-B27 Not carrier 167 (81) 161 (85) Ref
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Missing (%) 16 (8) 7 (4) HLA-B27
HLA-B27 Not carrier 167 (81) 161 (85) Ref
Not carrier 167 (81) 161 (85) Ref
Carrier 26 (13) 21 (11) 1.2 (0.5–2.6) 0.70
Missing (%) 14 (7) 7 (4)
HLA-DR1
Not carrier 124 (60) 128 (68) Ref
Carrier 41 (20) 32 (17) 1.6 (0.9–3.1) 0.14
Missing (%) 42 (20) 29 (15)
HLA-DR7
Not carrier 143 (69) 135 (71) Ref
Carrier 22 (11) 25 (13) 1.0 (0.4–2.1) 0.91
Missing (%) 42 (20) 29 (15)
HLA-DR homozygosity
Heterozygote 114 (55) 102 (54) Ref
Homozygote 51 (25) 58 (31) 0.7 (0.4–1.2) 0.20
Missing (%) 42 (20) 29 (15)

Controls were matched to cases by age (± 5 years) and calendar period of transplantation (± 5 years) and were further required to be alive and free of cancer at the time of the case SCC diagnosis.

^aRelative risks were estimated by odds ratios and 95% confidence intervals (CI) using multivariate conditional logistic regression models.

^bEstimates adjusted for sex of the recipient and total accumulated dose of azathioprine, cyclosporine and corticosteroids.

*Statistical significance (p-value) was estimated with likelihood ratio tests.