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Skin cells for use in an alternate diagnostic method for Duchenne
Muscular Dystrophy

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Highlights

- Confirmed the feasibility of cultured skin cells for RNA-based diagnosis of DMD
- Skin biopsies are safer and cheaper than muscle biopsies for RNA-based diagnosis
- Melanocytes express the full-length dystrophin muscle transcript
- Dystrophin expression in melanocytes is more robust than in fibroblasts
- Melanocytes may present an alternative tool for RNA-based diagnosis of DMD

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