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Essential role of polarity protein Par3 for epidermal homeostasis through regulation of barrier function, keratinocyte differentiation and stem cell maintenance

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TITLE

Essential role of polarity protein Par3 for epidermal homeostasis through regulation of barrier function, keratinocyte differentiation and stem cell maintenance

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RUNNING TITLE

Par3 regulates epidermal homeostasis and stem cell maintenance

KEY WORDS

Cell polarity, polarity proteins, Par3, skin, epidermis, hair follicle, epidermal differentiation, sebaceous glands, oriented cell division

ABBREVIATIONS

Par: partitioning-defective; TJ: tight junction; HF: hair follicle; SC: stem cell; HFSC: hair follicle stem cell; SG: sebaceous gland; IFE: interfollicular epidermis

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