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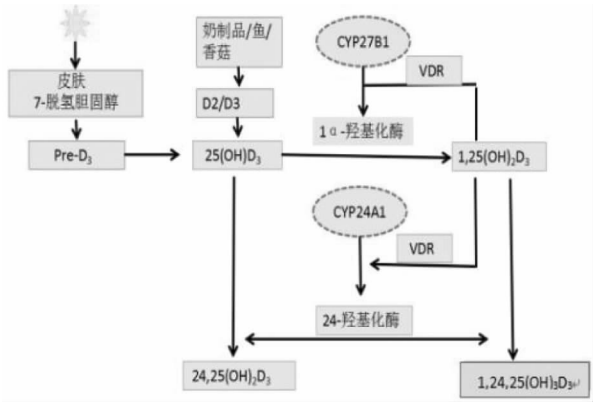
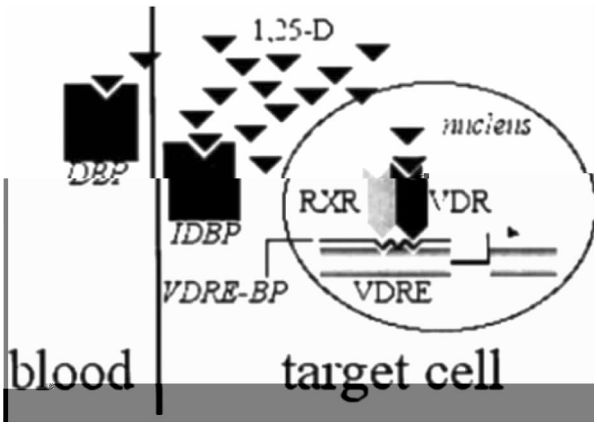

皮肤
7-脱氢胆固醇
Pre-D3
奶制品/鱼/
香菇
D2/D3
25(OH)D3
CYP27B1
VDR
1α-羟基化酶
1,25(OH)2D3
CYP24A1
VDR
24-羟基化酶
24,25(OH)2D3
1,24,25(OH)3D3


1,25-D
nucleus
DBP
IDBP
RXR
VDR
VDRE-BP
VDRE
blood
target cell

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