

<b>Supplementary Table 2: TME clusters in KIRC cohort</b>		
<b>TMEcluster-A</b>	<b>TMEcluster-B</b>	
TCGA-BP-4967-01	TCGA-CJ-5675-01	TCGA-B2-4101-01
TCGA-B8-A54H-01	TCGA-A3-3324-01	TCGA-CW-5590-01
TCGA-DV-5566-01	TCGA-BP-5010-01	TCGA-BP-4173-01
TCGA-B0-5700-01	TCGA-B0-4699-01	TCGA-B8-5158-01
TCGA-BP-4158-01	TCGA-CJ-4900-01	TCGA-A3-3308-01
TCGA-BP-4338-01	TCGA-AK-3429-01	TCGA-A3-3347-01
TCGA-B8-4621-01	TCGA-A3-3370-01	TCGA-CJ-4871-01
TCGA-CZ-5989-01	TCGA-B0-4827-01	TCGA-BP-4176-01
TCGA-CW-6088-01	TCGA-BP-4761-01	TCGA-CJ-4640-01
TCGA-CJ-4905-01	TCGA-B0-5694-01	TCGA-CJ-5676-01
TCGA-BP-4347-01	TCGA-B8-A54G-01	TCGA-B0-5690-01
TCGA-DV-A4VX-01	TCGA-B0-4823-01	TCGA-B0-4813-01
TCGA-BP-5006-01	TCGA-A3-3311-01	TCGA-B0-5075-01
TCGA-CJ-4876-01	TCGA-BP-4325-01	TCGA-B0-4842-01
TCGA-BP-4784-01	TCGA-A3-A6NJ-01	TCGA-CZ-5468-01
TCGA-BP-4763-01	TCGA-BP-4327-01	TCGA-CJ-4902-01
TCGA-EU-5907-01	TCGA-B0-5402-01	TCGA-BP-4963-01
TCGA-B0-5117-01	TCGA-BP-4775-01	TCGA-CZ-5461-01
TCGA-CZ-4866-01	TCGA-BP-4762-01	TCGA-BP-4331-01
TCGA-AK-3460-01	TCGA-B0-5115-01	TCGA-CJ-4908-01
TCGA-BP-4165-01	TCGA-B0-5399-01	TCGA-B0-4710-01
TCGA-CW-5584-01	TCGA-CJ-4918-01	TCGA-CJ-6033-01
TCGA-B2-3923-01	TCGA-B0-4693-01	TCGA-CW-5587-01
TCGA-DV-5576-01	TCGA-B2-5639-01	TCGA-AK-3426-01
TCGA-G6-A5PC-01	TCGA-CJ-6028-01	TCGA-BP-4962-01
TCGA-CW-5585-01	TCGA-CJ-4887-01	TCGA-BP-5008-01
TCGA-BP-4163-01	TCGA-B2-3924-01	TCGA-BP-4972-01
TCGA-A3-3317-01	TCGA-B8-A54J-01	TCGA-CJ-4643-01
TCGA-AK-3465-01	TCGA-CW-6090-01	TCGA-B0-5400-01
TCGA-B0-4706-01	TCGA-A3-3378-01	TCGA-BP-4351-01
TCGA-B0-5119-01	TCGA-3Z-A93Z-01	TCGA-BP-5187-01
TCGA-CZ-4859-01	TCGA-B0-4707-01	TCGA-B0-4690-01
TCGA-AK-3453-01	TCGA-B8-5545-01	TCGA-CZ-5452-01
TCGA-CJ-4634-01	TCGA-B0-4713-01	TCGA-MM-A563-01
TCGA-B0-4696-01	TCGA-BP-5173-01	TCGA-B2-5633-01
TCGA-CJ-5681-01	TCGA-A3-3387-01	TCGA-BP-4988-01
TCGA-CJ-5680-01	TCGA-A3-3343-01	TCGA-DV-5568-01
TCGA-B0-5712-01	TCGA-BP-4981-01	TCGA-A3-3325-01
TCGA-AK-3428-01	TCGA-B0-4810-01	TCGA-B8-4148-01
TCGA-CZ-5465-01	TCGA-A3-3316-01	TCGA-CJ-4872-01

TCGA-DV-5565-01	TCGA-BP-5198-01	TCGA-B2-5641-01
TCGA-BP-4177-01	TCGA-B0-4848-01	TCGA-BP-4795-01
TCGA-CZ-5463-01	TCGA-BP-4330-01	TCGA-BP-5169-01
TCGA-CJ-5683-01	TCGA-B8-A7U6-01	TCGA-CZ-4865-01
TCGA-AK-3444-01	TCGA-B2-4102-01	TCGA-CZ-5470-01
TCGA-B0-5099-01	TCGA-CZ-4858-01	TCGA-B0-5096-01
TCGA-BP-4349-01	TCGA-B0-5081-01	TCGA-BP-4777-01
TCGA-CW-6093-01	TCGA-A3-A6NL-01	TCGA-CJ-4923-01
TCGA-A3-3320-01	TCGA-BP-4335-01	TCGA-A3-3323-01
TCGA-BP-4959-01	TCGA-BP-4798-01	TCGA-CJ-4895-01
TCGA-BP-5184-01	TCGA-CJ-4869-01	TCGA-BP-4770-01
TCGA-DV-A4W0-01	TCGA-CJ-4868-01	TCGA-B0-5109-01
TCGA-BP-4326-01	TCGA-BP-4170-01	TCGA-B0-4691-01
TCGA-B0-4845-01	TCGA-B0-5108-01	TCGA-BP-4807-01
TCGA-BP-5174-01	TCGA-BP-4992-01	TCGA-CJ-4874-01
TCGA-CJ-4638-01	TCGA-B0-4816-01	TCGA-CJ-5689-01
TCGA-BP-4987-01	TCGA-BP-4353-01	TCGA-B0-4815-01
TCGA-BP-4799-01	TCGA-B0-4846-01	TCGA-BP-4982-01
TCGA-B0-4841-01	TCGA-BP-5000-01	TCGA-B0-4700-01
TCGA-BP-4999-01	TCGA-A3-3335-01	TCGA-B0-5121-01
TCGA-BP-4976-01	TCGA-AK-3425-01	TCGA-B0-5711-01
TCGA-BP-4341-01	TCGA-CW-5588-01	TCGA-B8-4622-01
TCGA-CJ-4904-01	TCGA-B8-4154-01	TCGA-BP-4354-01
TCGA-B0-4839-01	TCGA-BP-4985-01	TCGA-BP-5180-01
TCGA-CZ-5457-01	TCGA-CZ-5460-01	TCGA-BP-4337-01
TCGA-BP-4781-01	TCGA-CJ-5671-01	TCGA-A3-A6NN-01
TCGA-B4-5844-01	TCGA-B0-4837-01	TCGA-B0-4843-01
TCGA-AK-3451-01	TCGA-CZ-5464-01	TCGA-CJ-5678-01
TCGA-BP-4776-01	TCGA-A3-3351-01	TCGA-B0-4698-01
TCGA-CZ-5451-01	TCGA-B0-4828-01	TCGA-CZ-4864-01
TCGA-BP-4994-01	TCGA-BP-4169-01	TCGA-CJ-4912-01
TCGA-BP-5192-01	TCGA-CJ-4889-01	TCGA-CZ-5985-01
TCGA-A3-3306-01	TCGA-B0-4819-01	TCGA-B0-4824-01
TCGA-BP-4164-01	TCGA-CZ-4853-01	TCGA-B0-5085-01
TCGA-DV-5567-01	TCGA-CJ-4882-01	TCGA-CJ-4637-01
TCGA-B4-5838-01	TCGA-CJ-4920-01	TCGA-B8-5164-01
TCGA-T7-A921-01	TCGA-DV-5569-01	TCGA-BP-4160-01
TCGA-A3-3313-01	TCGA-BP-4971-01	TCGA-CJ-4891-01
TCGA-A3-A8CQ-01	TCGA-B0-5699-01	TCGA-B8-A8YJ-01
TCGA-BP-4975-01	TCGA-BP-4964-01	TCGA-B0-4814-01
TCGA-BP-4961-01	TCGA-BP-4345-01	TCGA-A3-3358-01
TCGA-BP-4159-01	TCGA-CZ-5984-01	TCGA-CJ-6027-01
TCGA-MM-A564-01	TCGA-CZ-5466-01	TCGA-CZ-5456-01

TCGA-CJ-6032-01	TCGA-B0-4712-01	TCGA-CJ-4639-01
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TCGA-B8-4151-01	TCGA-AK-3445-01	TCGA-BP-5178-01
TCGA-B8-A54F-01	TCGA-BP-4346-01	TCGA-A3-A8OX-01
TCGA-B4-5832-01	TCGA-B0-4838-01	TCGA-A3-3383-01
TCGA-A3-3365-01	TCGA-BP-4991-01	TCGA-BP-5196-01
TCGA-BP-5185-01	TCGA-CJ-6031-01	TCGA-BP-4166-01
TCGA-B8-5549-01	TCGA-B0-5702-01	TCGA-B0-4697-01
TCGA-A3-3373-01	TCGA-CJ-4641-01	TCGA-A3-3331-01
TCGA-BP-4332-01	TCGA-CJ-4893-01	TCGA-CJ-4903-01
TCGA-B0-5102-01	TCGA-B0-4847-01	TCGA-CJ-5684-01
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TCGA-BP-5194-01	TCGA-CZ-4861-01	TCGA-CW-5589-01
TCGA-BP-4759-01	TCGA-CZ-4863-01	TCGA-B8-5551-01
TCGA-BP-5004-01	TCGA-CZ-4862-01	TCGA-BP-4970-01
TCGA-CZ-5453-01	TCGA-CZ-4856-01	TCGA-B8-4143-01
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TCGA-AK-3427-01	TCGA-CZ-5459-01	
TCGA-A3-3328-01	TCGA-CJ-4881-01	
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TCGA-A3-A8OV-01	TCGA-A3-3359-01	
TCGA-AK-3454-01	TCGA-B0-5097-01	
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TCGA-AK-3447-01	TCGA-BP-5182-01	
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TCGA-AK-3431-01	TCGA-BP-4167-01	
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TCGA-B0-5695-01	TCGA-B0-5113-01	
TCGA-B0-5693-01	TCGA-CZ-5455-01	
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TCGA-B8-5159-01	TCGA-CZ-5987-01	

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TCGA-B0-4817-01	TCGA-BP-4161-01	
TCGA-CJ-4897-01	TCGA-CJ-4886-01	
TCGA-B0-5703-01	TCGA-BP-4960-01	
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TCGA-BP-4995-01	TCGA-B0-4836-01	
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TCGA-BP-4352-01	TCGA-B0-4694-01	
TCGA-B8-4146-01	TCGA-BP-4162-01	
TCGA-BP-4803-01	TCGA-A3-3329-01	
TCGA-EU-5904-01	TCGA-BP-5191-01	
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TCGA-B0-4688-01	TCGA-B8-5162-01	
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TCGA-CZ-5982-01	TCGA-B0-4703-01	
TCGA-BP-5181-01	TCGA-B0-5106-01	
TCGA-GK-A6C7-01	TCGA-B8-A541-01	
TCGA-B8-5165-01	TCGA-CW-6087-01	
TCGA-A3-3362-01	TCGA-BP-5201-01	
TCGA-BP-5170-01	TCGA-A3-A8OW-01	
TCGA-B0-5710-01	TCGA-B0-5701-01	
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TCGA-CJ-4870-01	TCGA-BP-4787-01	
TCGA-CZ-5986-01	TCGA-MM-A84U-01	
TCGA-CW-5581-01	TCGA-B0-5706-01	
TCGA-BP-4993-01	TCGA-CZ-4854-01	
TCGA-BP-4789-01	TCGA-B0-4701-01	
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TCGA-BP-5168-01	TCGA-B0-5084-01	
TCGA-BP-5190-01	TCGA-B0-4849-01	
TCGA-B0-5713-01	TCGA-B0-4844-01	

TCGA-BP-5176-01	TCGA-B8-5552-01	
TCGA-BP-4344-01	TCGA-BP-4977-01	
TCGA-BP-4969-01	TCGA-CZ-5454-01	
TCGA-BP-4355-01	TCGA-A3-3319-01	
TCGA-B8-A54K-01	TCGA-CJ-4635-01	
TCGA-BP-4766-01	TCGA-BP-4329-01	
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TCGA-B8-5546-01	TCGA-B0-5080-01	
TCGA-A3-A6NI-01	TCGA-BP-4974-01	
TCGA-BP-5001-01	TCGA-BP-5183-01	
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TCGA-B0-5100-01	TCGA-BP-4986-01	
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TCGA-A3-3382-01	TCGA-BP-4804-01	
TCGA-A3-3307-01	TCGA-B0-5092-01	
TCGA-BP-4756-01	TCGA-B0-4821-01	
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TCGA-DV-A4VZ-01	TCGA-BP-4342-01	
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TCGA-A3-3385-01	TCGA-CZ-5462-01	
TCGA-BP-4334-01	TCGA-A3-3352-01	
TCGA-MW-A4EC-01	TCGA-CJ-4875-01	
TCGA-BP-4774-01	TCGA-CJ-4644-01	
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TCGA-CW-5591-01	TCGA-B2-A4SR-01	
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TCGA-AS-3778-01	TCGA-B0-5691-01	
TCGA-A3-3367-01	TCGA-B0-4833-01	
TCGA-G6-A8L8-01	TCGA-BP-4973-01	
TCGA-A3-3376-01	TCGA-B0-5709-01	
TCGA-B8-A54E-01	TCGA-CJ-4884-01	

TCGA-A3-3374-01	TCGA-BP-5199-01	
TCGA-B0-4945-01	TCGA-CJ-4873-01	
TCGA-EU-5905-01	TCGA-B8-A54D-01	